

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	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" WINDOW 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. WINDOW 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 WINDOW 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 1/4".
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 6005-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 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 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:
 - 17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 17.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 17.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM
18. DOOR ASSEMBLIES INSTALLED WHERE OVERHANG RATIO IS EQUAL OR GREATER THAN 1.0 DO NOT REQUIRE WATER INFILTRATION RESISTANCE.
OVERHANG RATIO = OVERHANG LENGHT/OVERHANG HEIGHT.

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MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03416

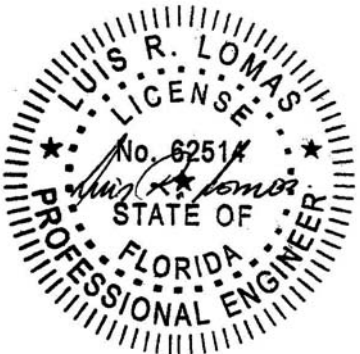
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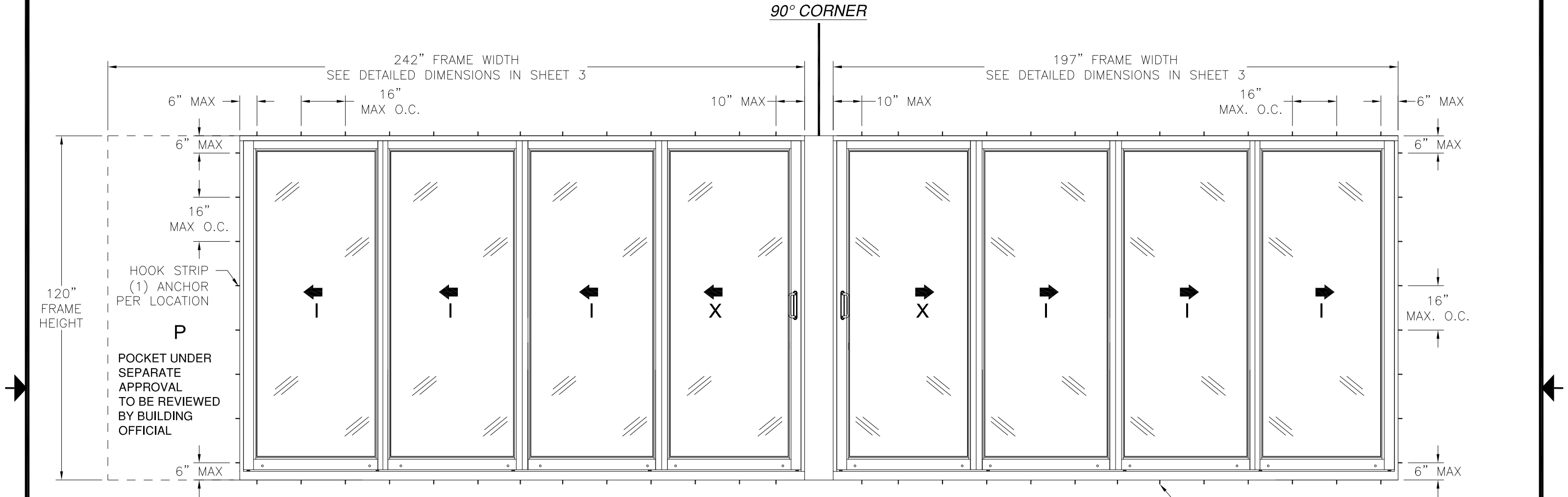
SHEET 1 OF 25

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FL No.: 62514

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SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER NON-IMPACT

EXTERIOR VIEW
FINLESS & FLANGE INSTALLATION

WITH 3 1/2" SILL EXTENDER

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

SEE CHART #1 AND #2, SHEET 3

(8) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 39.77 FT²

(2) ANCHORS PER LOCATION
AT HEAD, SILL AND JAMB

- NOTES:
- PANEL SIZE: 48 3/4" x 117 1/2"
 - D.L.O.: 40 5/8" x 109 3/4"

HARDWARE SCHEDULE

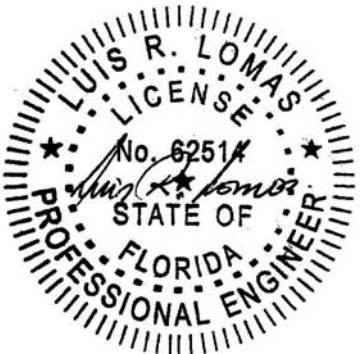
A.	TANDEM ROLLER ASSEMBLY, 2 PER PANEL, 8" FROM EACH END OF BOTTOM RAIL
B.	(2) LOCK HANDLE, AT INTERIOR AND EXTERIOR OF OPERABLE PANEL LOCK STILE, 39" FROM BOTTOM RAIL

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650 WEST MARKET STREET
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SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
ELEVATION

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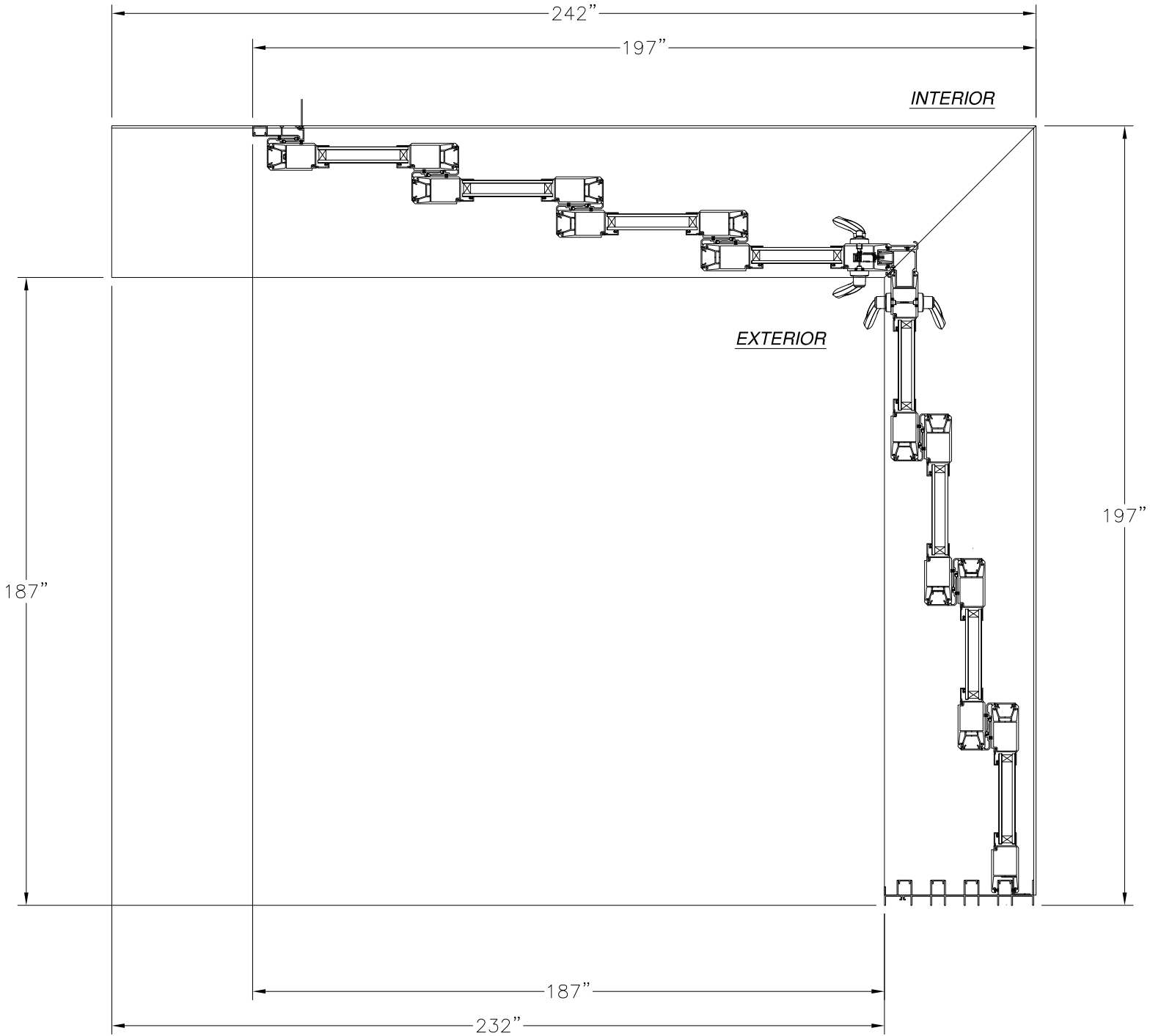
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Chart #1
Maximum Design pressure (psf)
Units installed with 3 1/2" sill

Panel Height (in)	Single Panel Width (in)											
	24.0		30.0		36.0		42.0		48.750		54.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	73.4	55.0	66.3
84.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	69.9	55.0	63.1
90.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	65.3	55.0	58.9
96.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	71.0	55.0	61.2	55.0	55.2
102.0	55.0	75.0	55.0	75.0	55.0	75.0	55.0	66.7	55.0	57.6	52.0	52.0
108.0	55.0	75.0	55.0	75.0	55.0	70.1	55.0	62.1	54.4	54.4	-	-
114.0	55.0	75.0	55.0	75.0	55.0	65.7	55.0	58.1	51.5	51.5	-	-
117.5	55.0	75.0	55.0	73.8	55.0	63.4	55.0	56.0	50.0	50.0	-	-
120.0	55.0	75.0	55.0	72.1	55.0	61.5	53.4	53.4	-	-	-	-
126.0	55.0	75.0	55.0	62.8	52.9	52.9	45.9	45.9	-	-	-	-
132.0	55.0	67.7	54.6	54.6	45.9	45.9	39.8	39.8	-	-	-	-
138.0	55.0	59.2	47.7	47.7	40.0	40.0	-	-	-	-	-	-
144.0	52.0	52.0	41.9	41.9	35.2	35.2	-	-	-	-	-	-

Chart #2
Maximum Design pressure (psf)
For units installed where water penetration resistance is not required

Panel Height (in)	Single Panel Width (in)											
	24.0		30.0		36.0		42.0		48.750		54.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	73.4	73.4	66.3	66.3
84.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	69.9	69.9	63.1	63.1
90.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	65.3	65.3	58.9	58.9
96.0	75.0	75.0	75.0	75.0	75.0	75.0	71.0	71.0	61.2	61.2	55.2	55.2
102.0	75.0	75.0	75.0	75.0	75.0	75.0	66.7	66.7	57.6	57.6	52.0	52.0
108.0	75.0	75.0	75.0	75.0	70.1	70.1	62.1	62.1	54.4	54.4	-	-
114.0	75.0	75.0	75.0	75.0	65.7	65.7	58.1	58.1	51.5	51.5	-	-
117.5	75.0	75.0	73.8	73.8	63.4	63.4	56.0	56.0	50.0	50.0	-	-
120.0	75.0	75.0	72.1	72.1	61.5	61.5	53.4	53.4	-	-	-	-
126.0	75.0	75.0	62.8	62.8	52.9	52.9	45.9	45.9	-	-	-	-
132.0	67.7	67.7	54.6	54.6	45.9	45.9	39.8	39.8	-	-	-	-
138.0	59.2	59.2	47.7	47.7	40.0	40.0	-	-	-	-	-	-
144.0	52.0	52.0	41.9	41.9	35.2	35.2	-	-	-	-	-	-



SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER
PLAN VIEW

SIGNED: 09/05/2023

MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
HORIZONTAL VIEW AND DP CHARTS

DRAWN:
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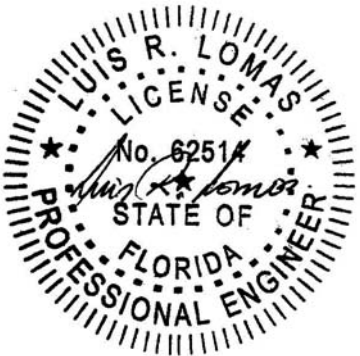
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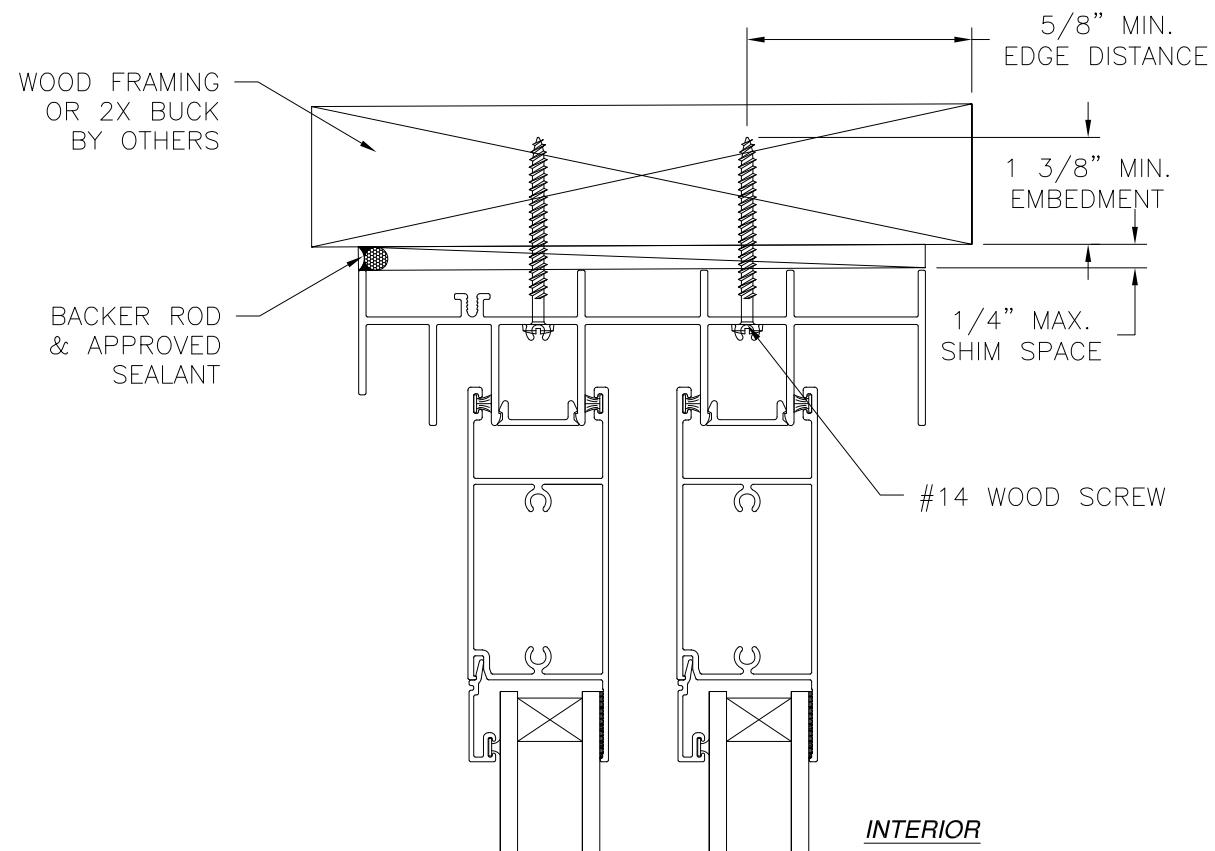
DATE 04/04/19

SHEET 3 OF 25

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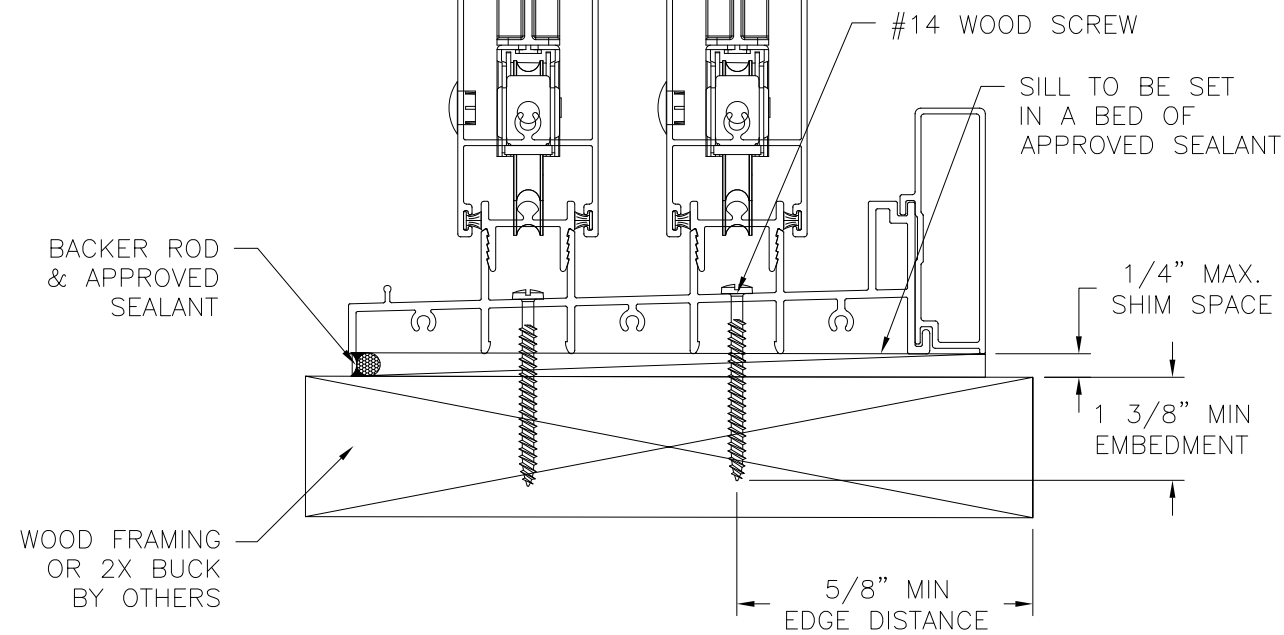


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INTERIOR

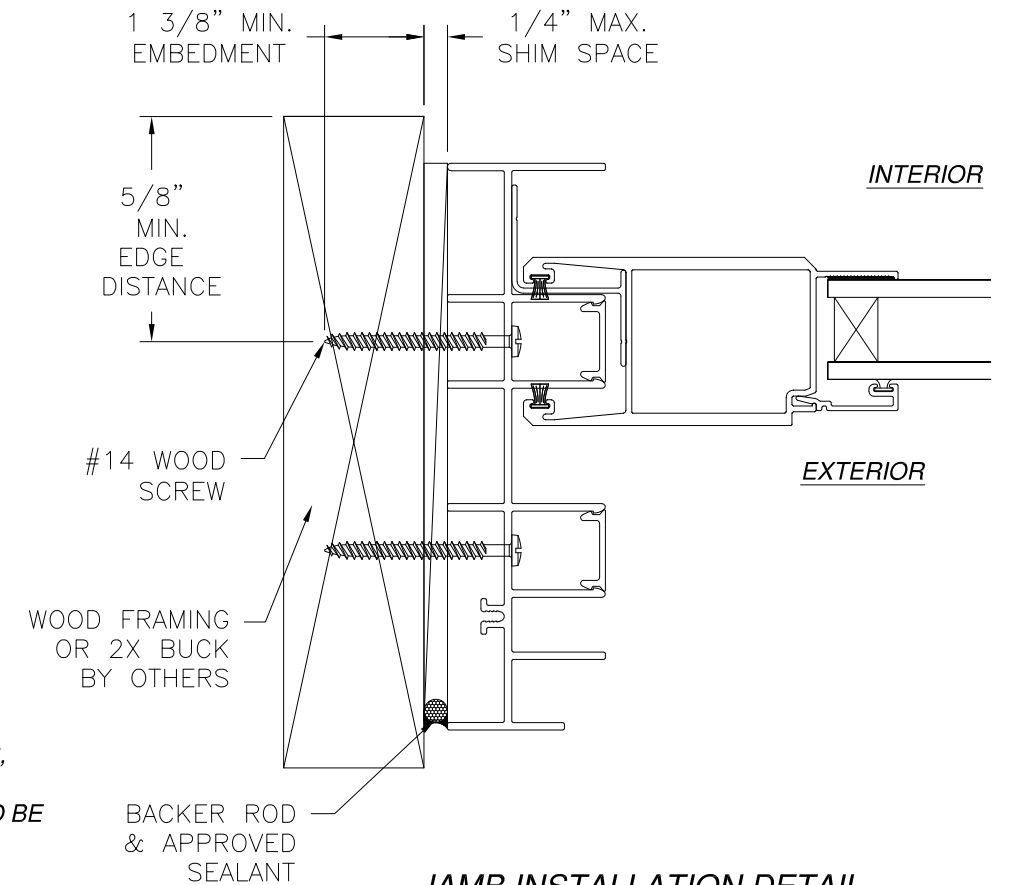
NOTES:

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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

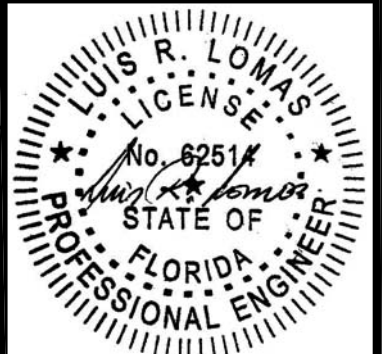
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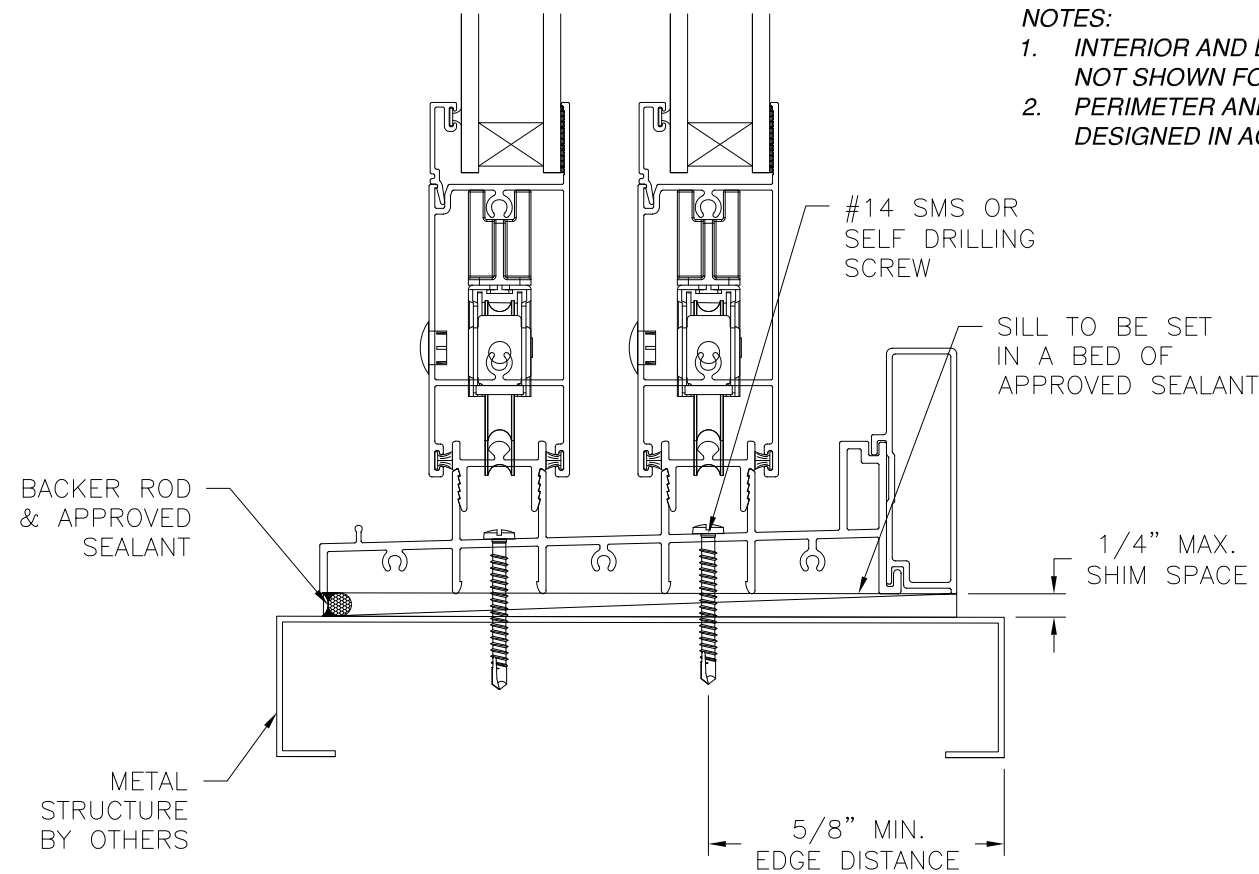
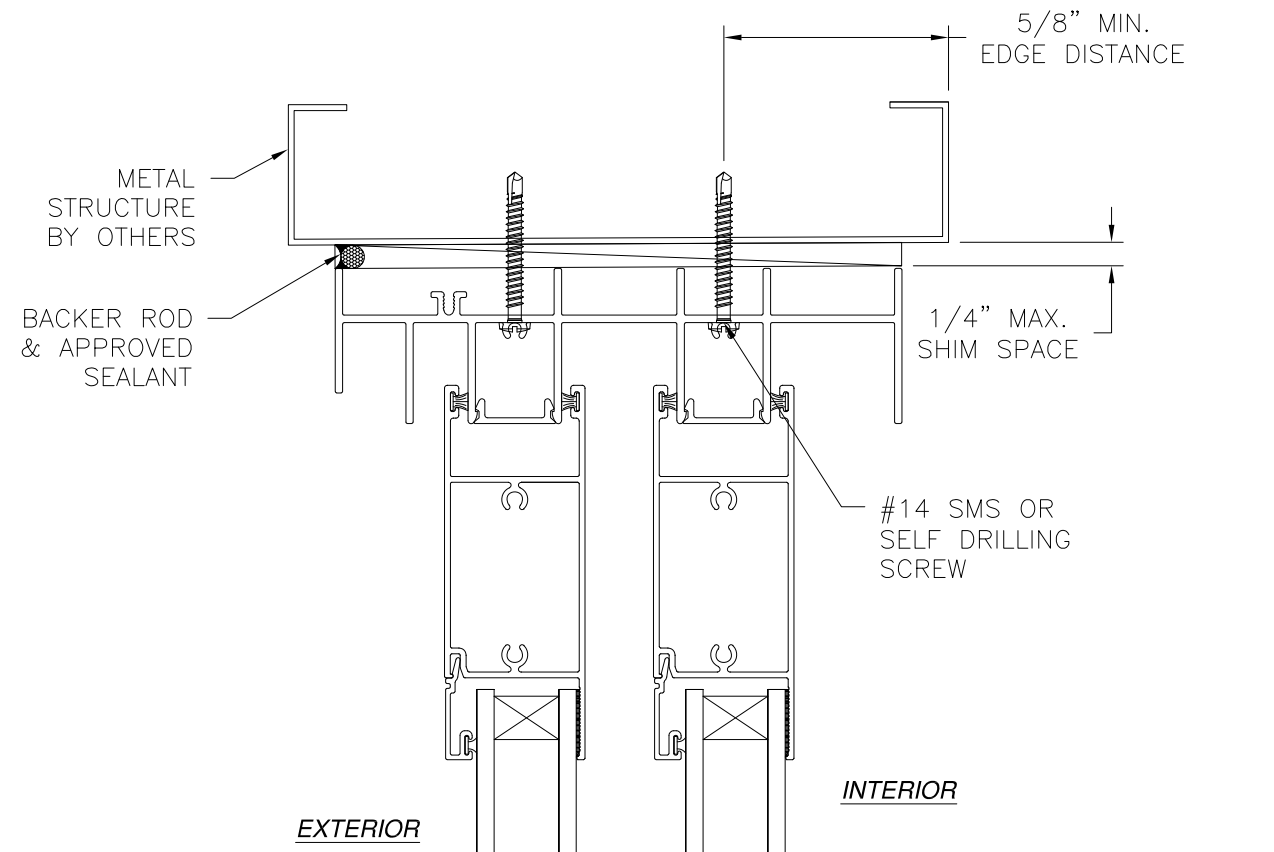
SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
2 TRACK FINLESS INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03416	REV A
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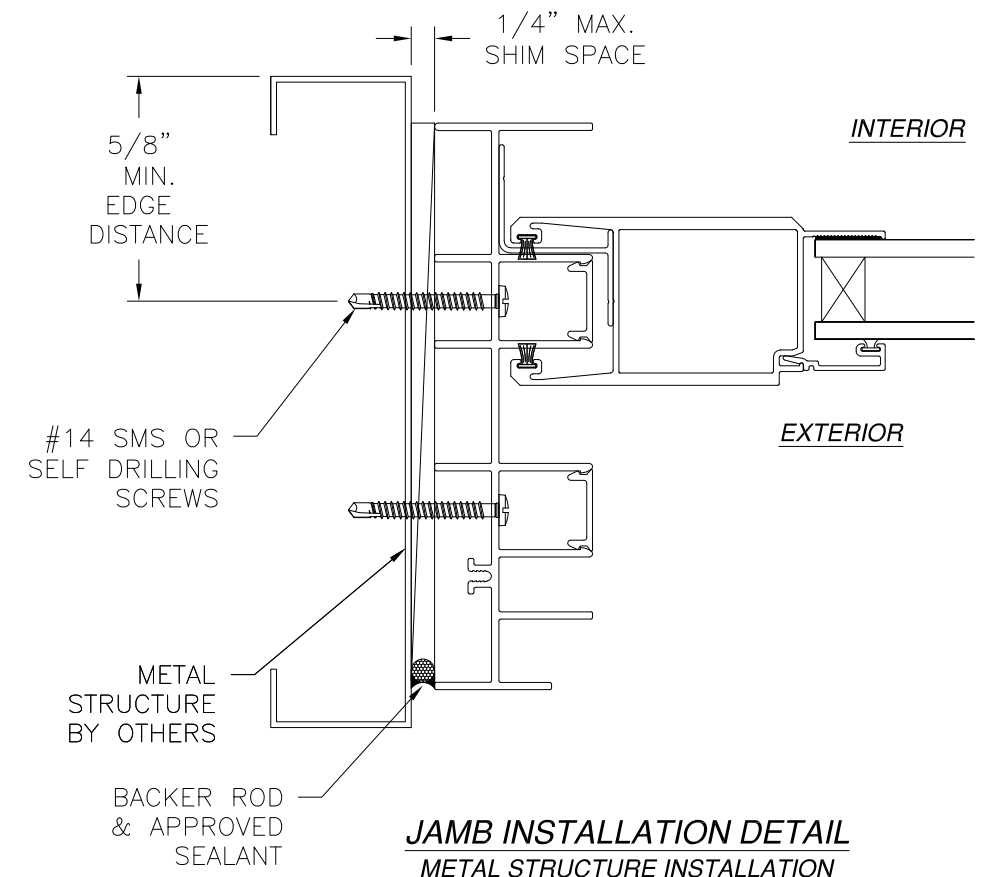
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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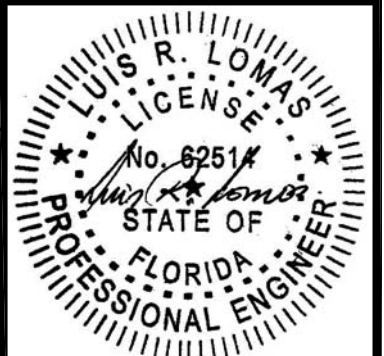
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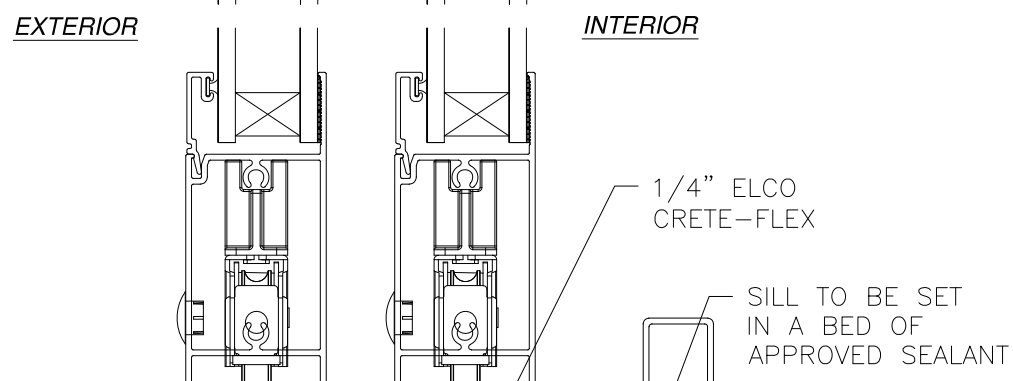
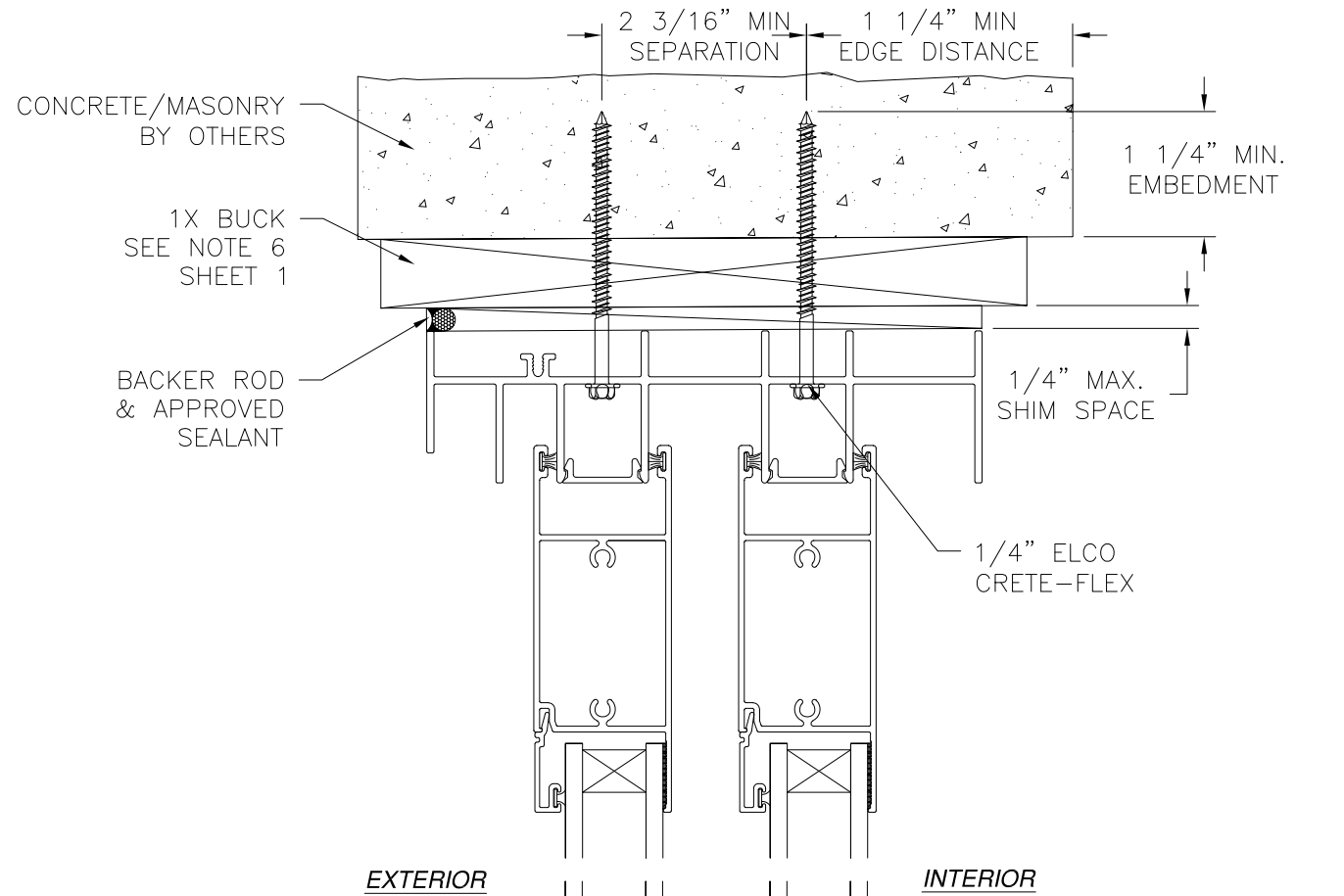
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT 2 TRACK FINLESS INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 5 OF 25
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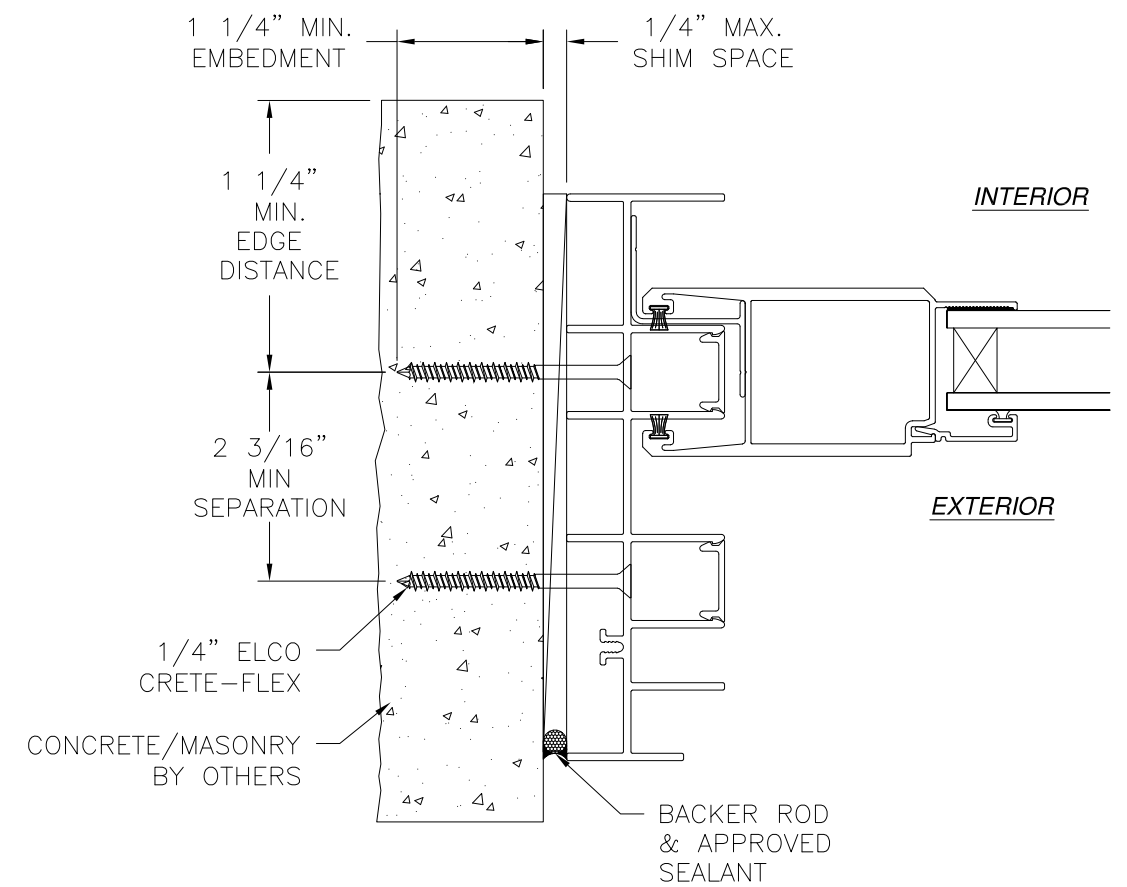


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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

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JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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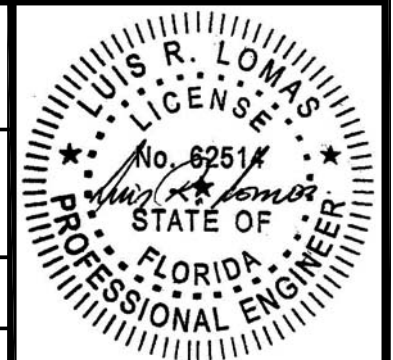
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GRATZ, PA 17030

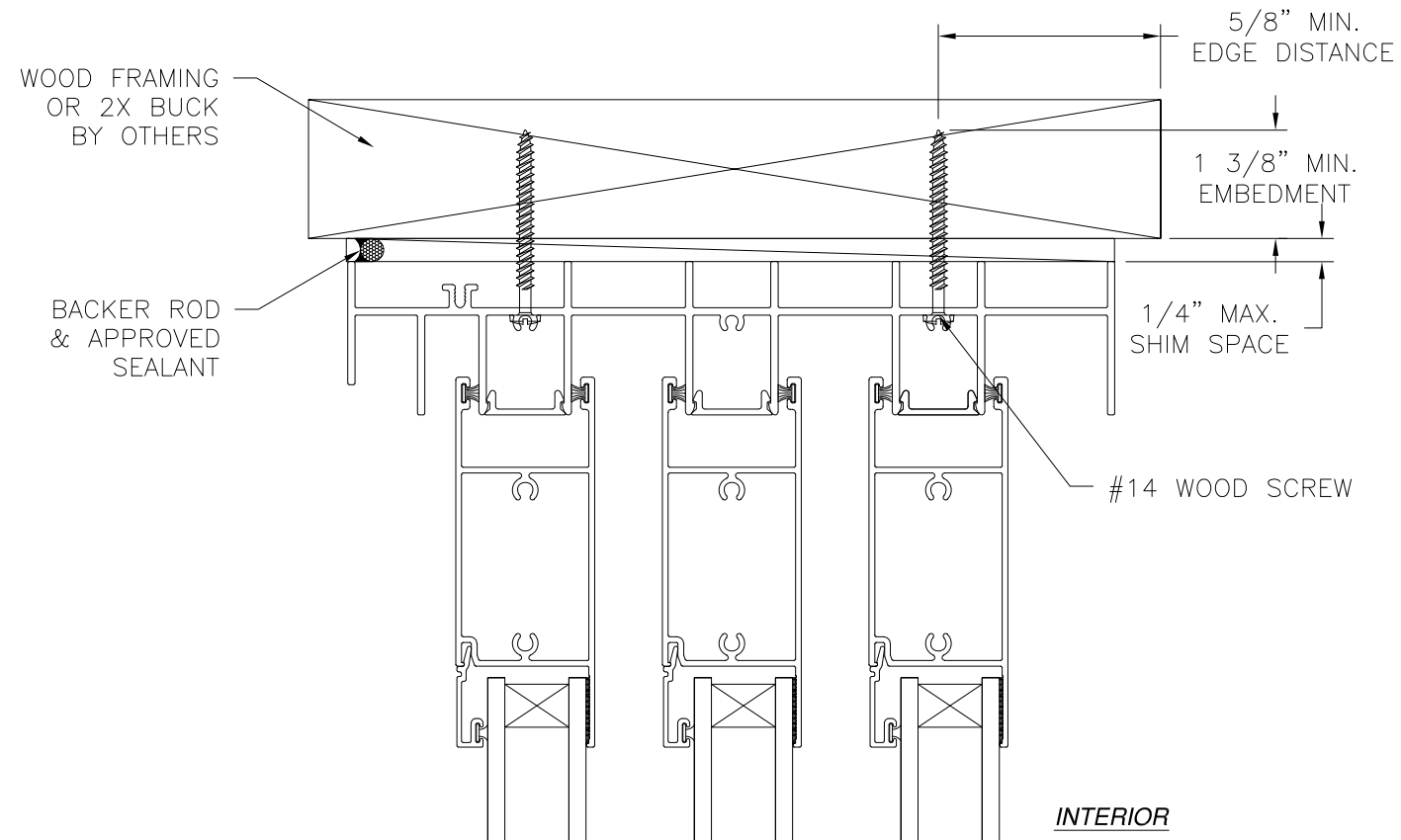
SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
2 TRACK FINLESS INSTALLATION DETAILS

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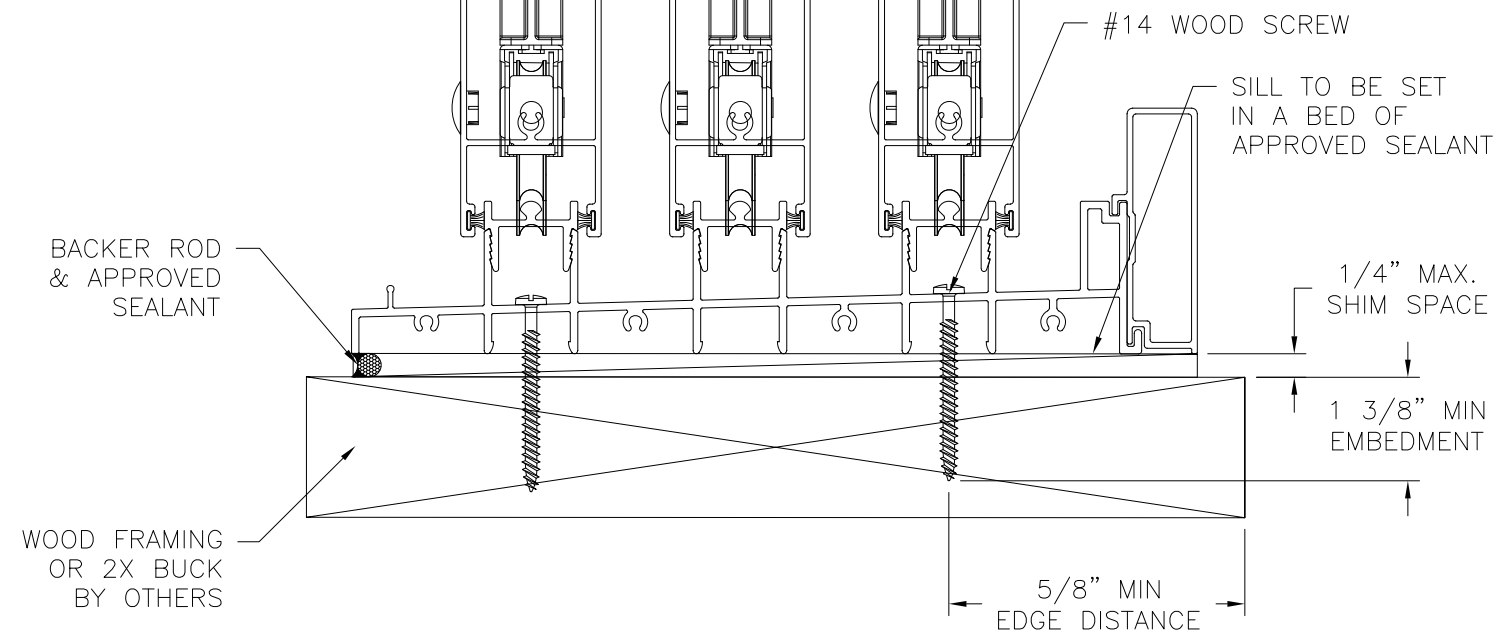


EXTERIOR

INTERIOR

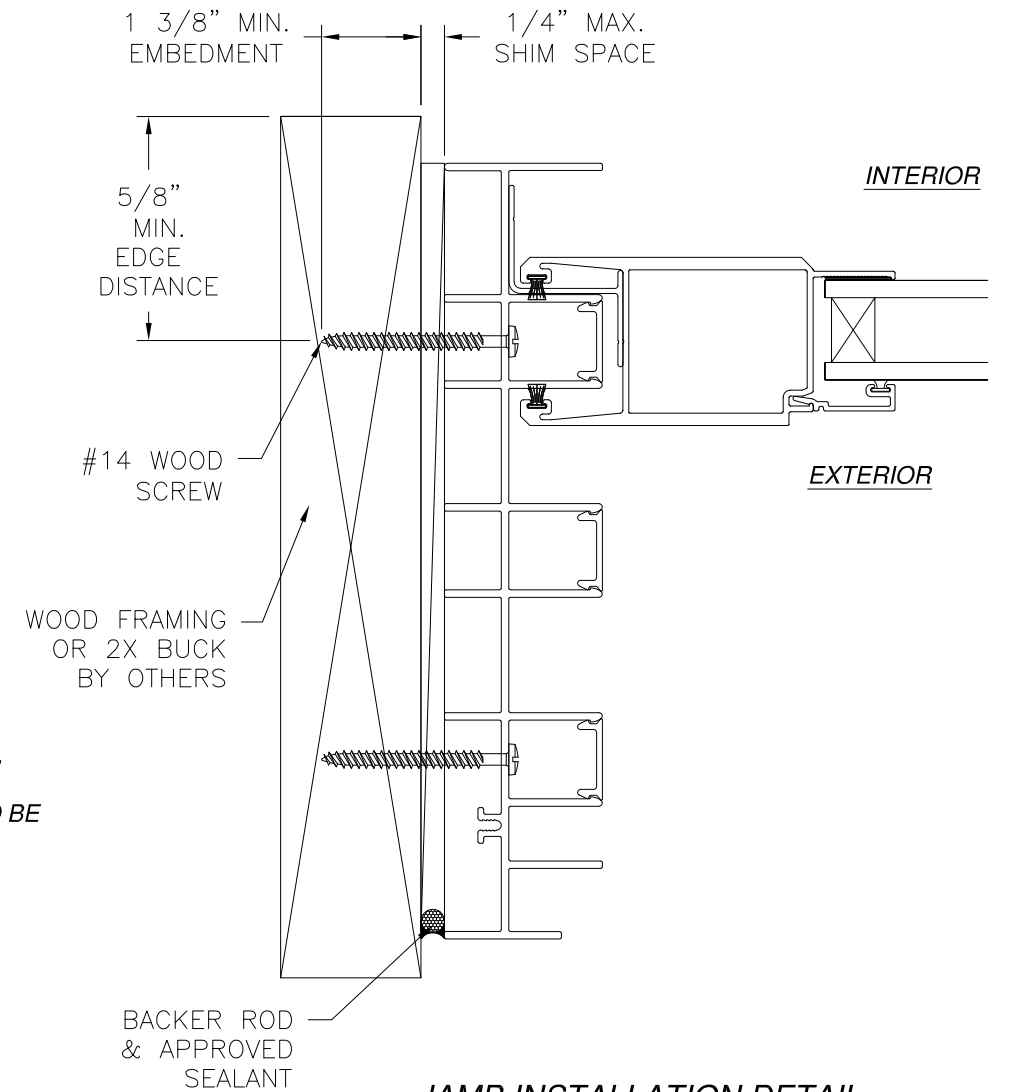
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

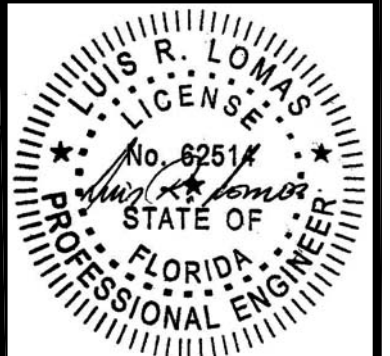
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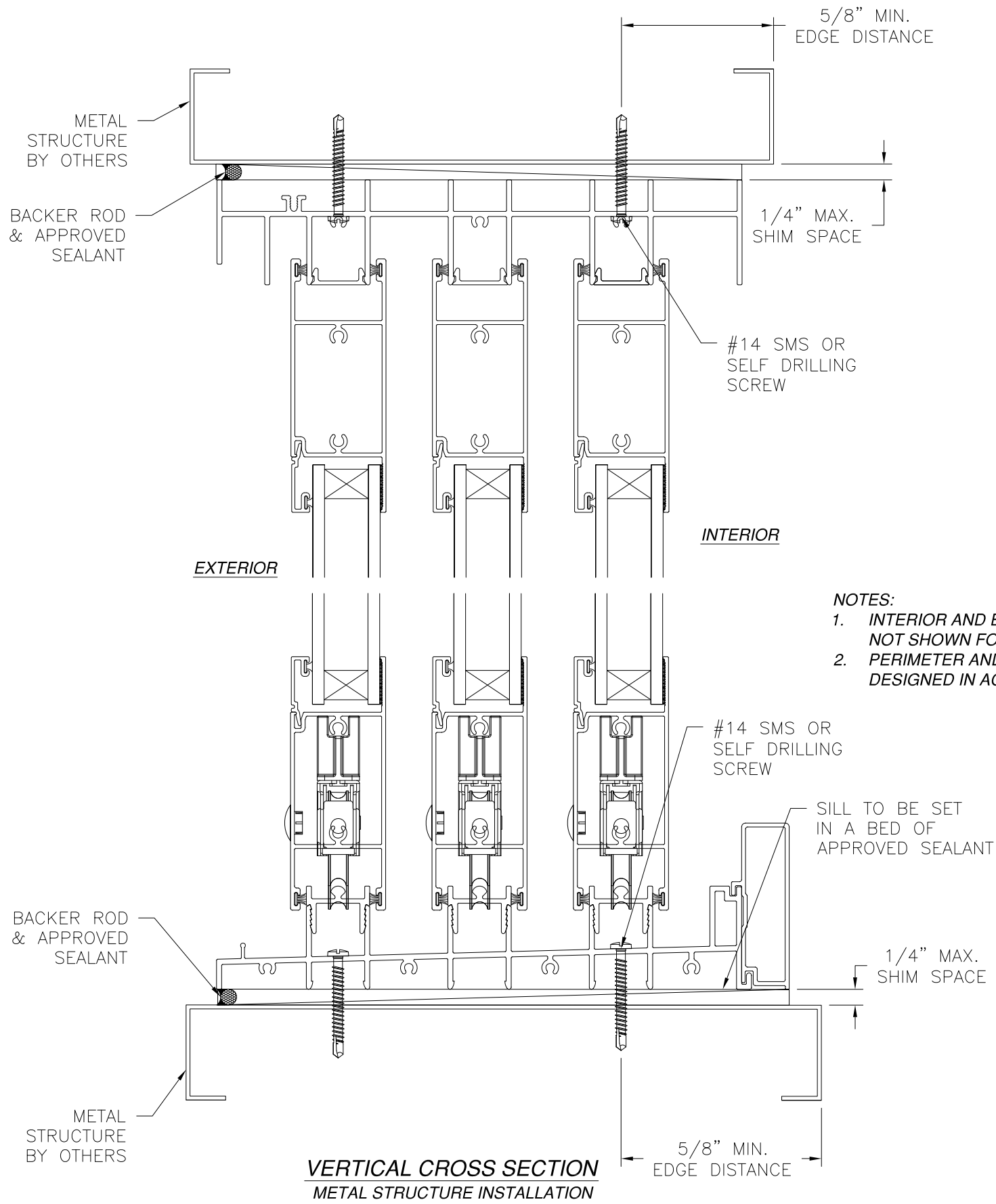
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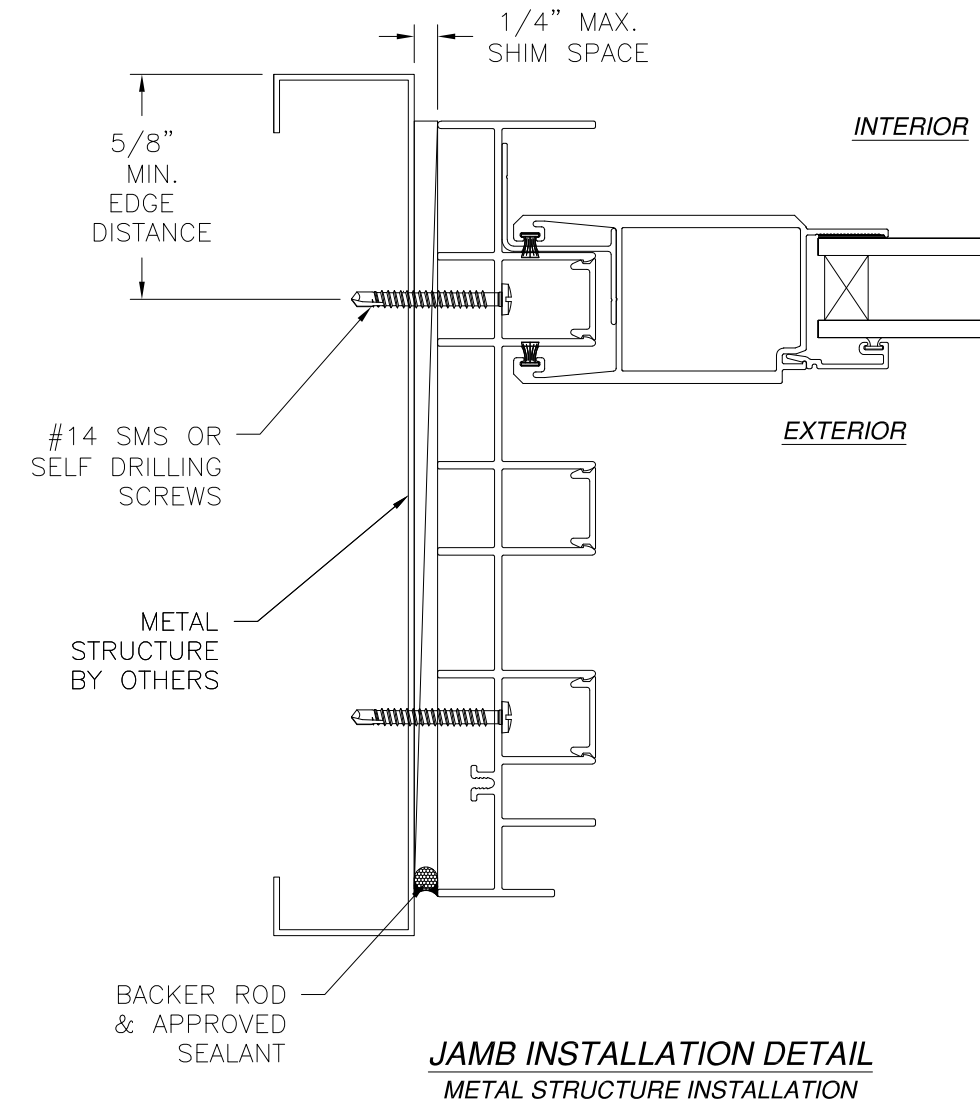
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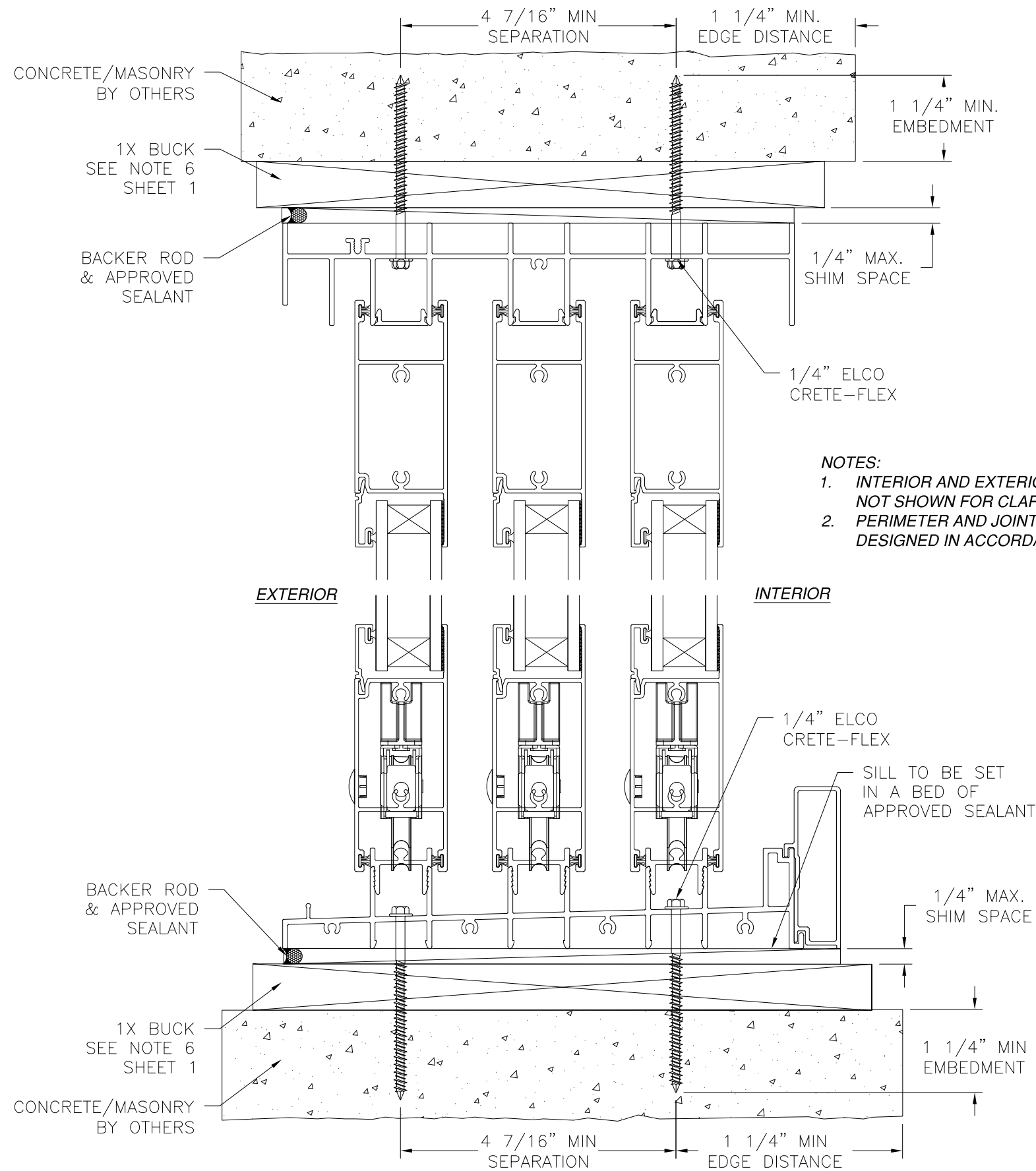
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INSIDE CORNER AND POCKET, NON-IMPACT
3 TRACK FINLESS INSTALLATION DETAILS

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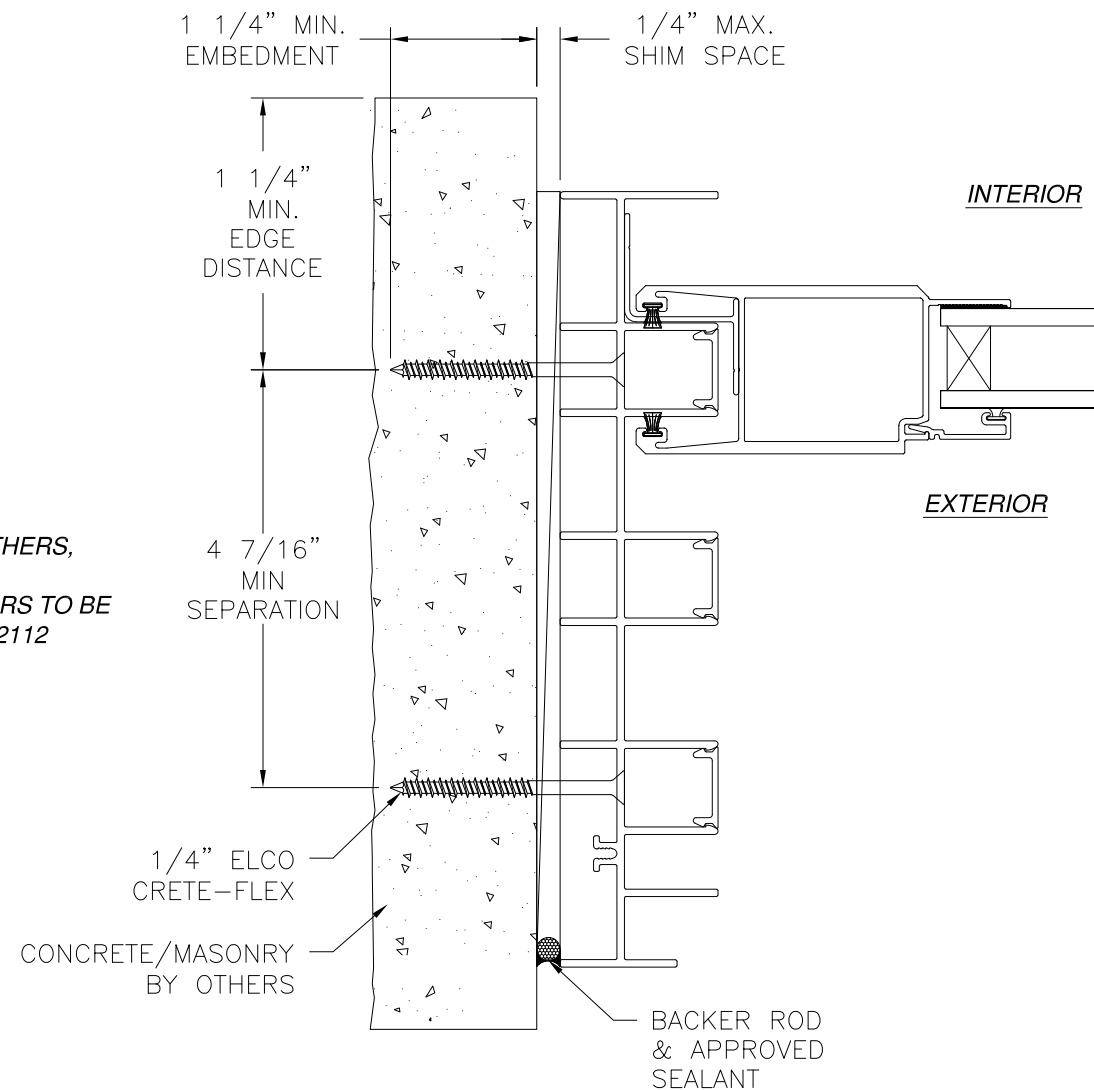
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VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
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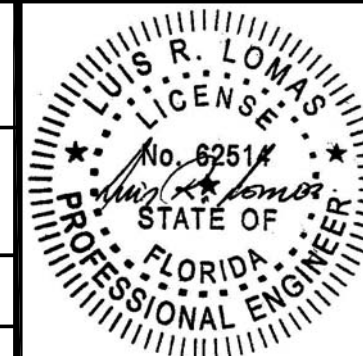
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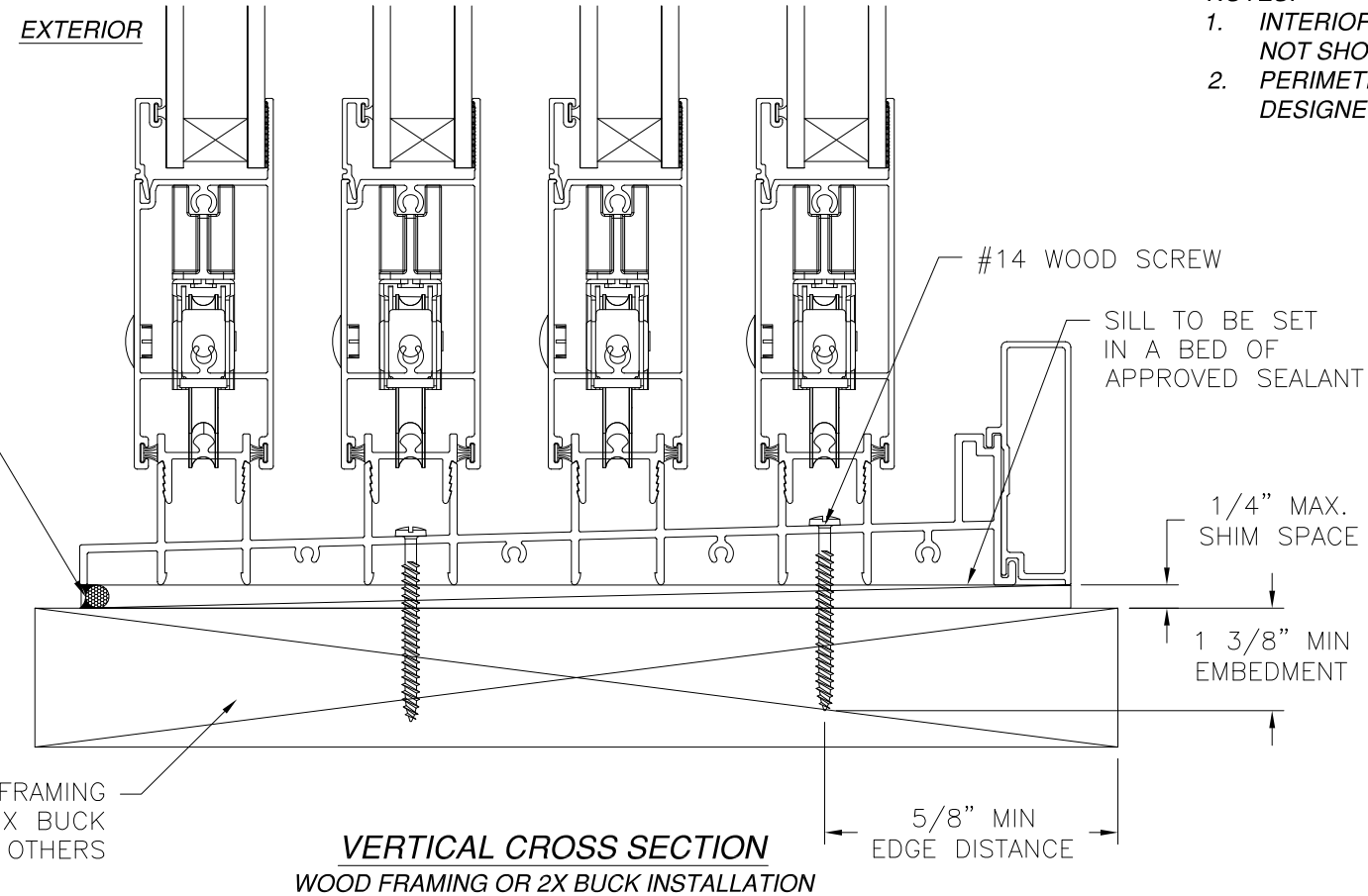
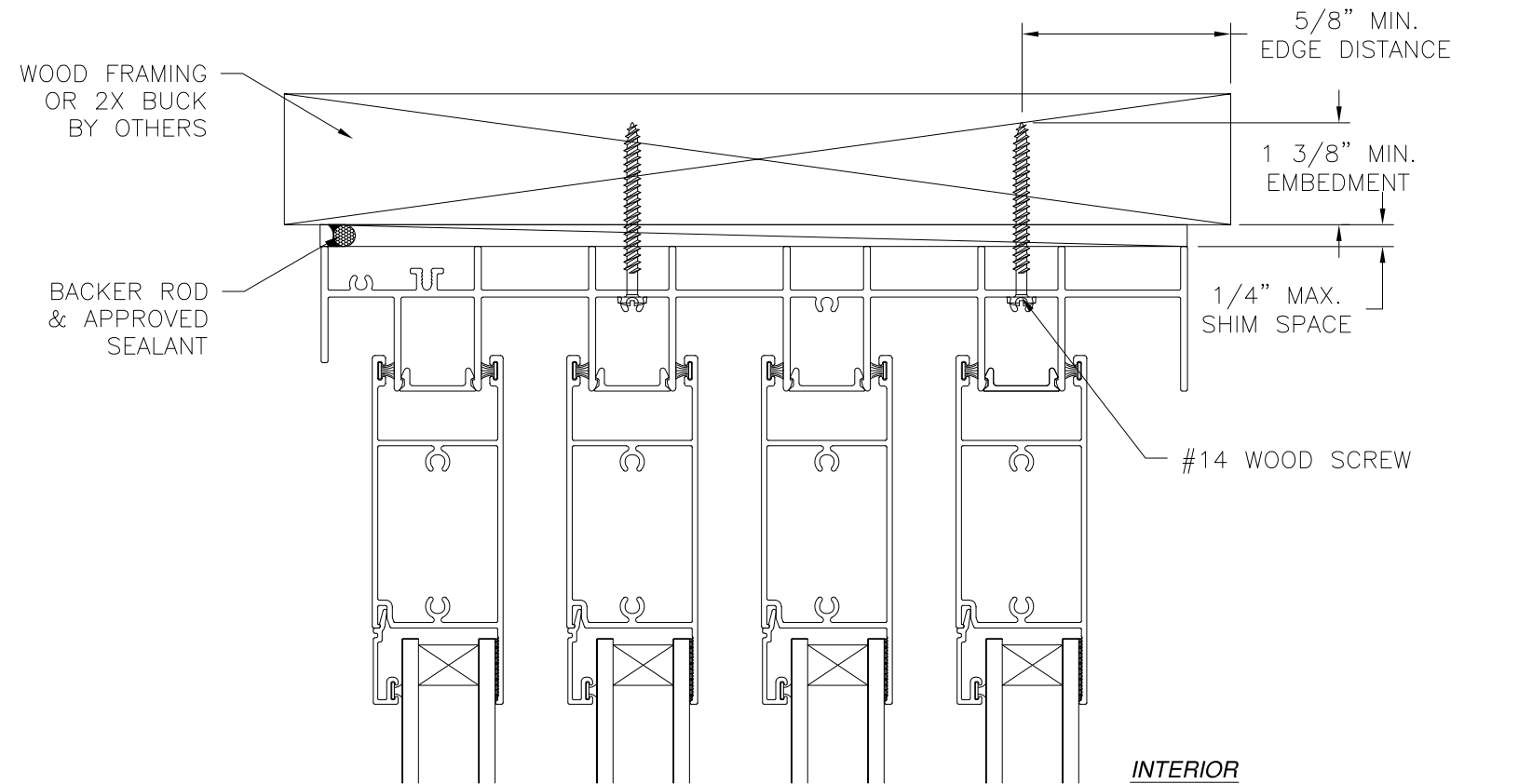
JAMB INSTALLATION DETAIL
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 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
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DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 9 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



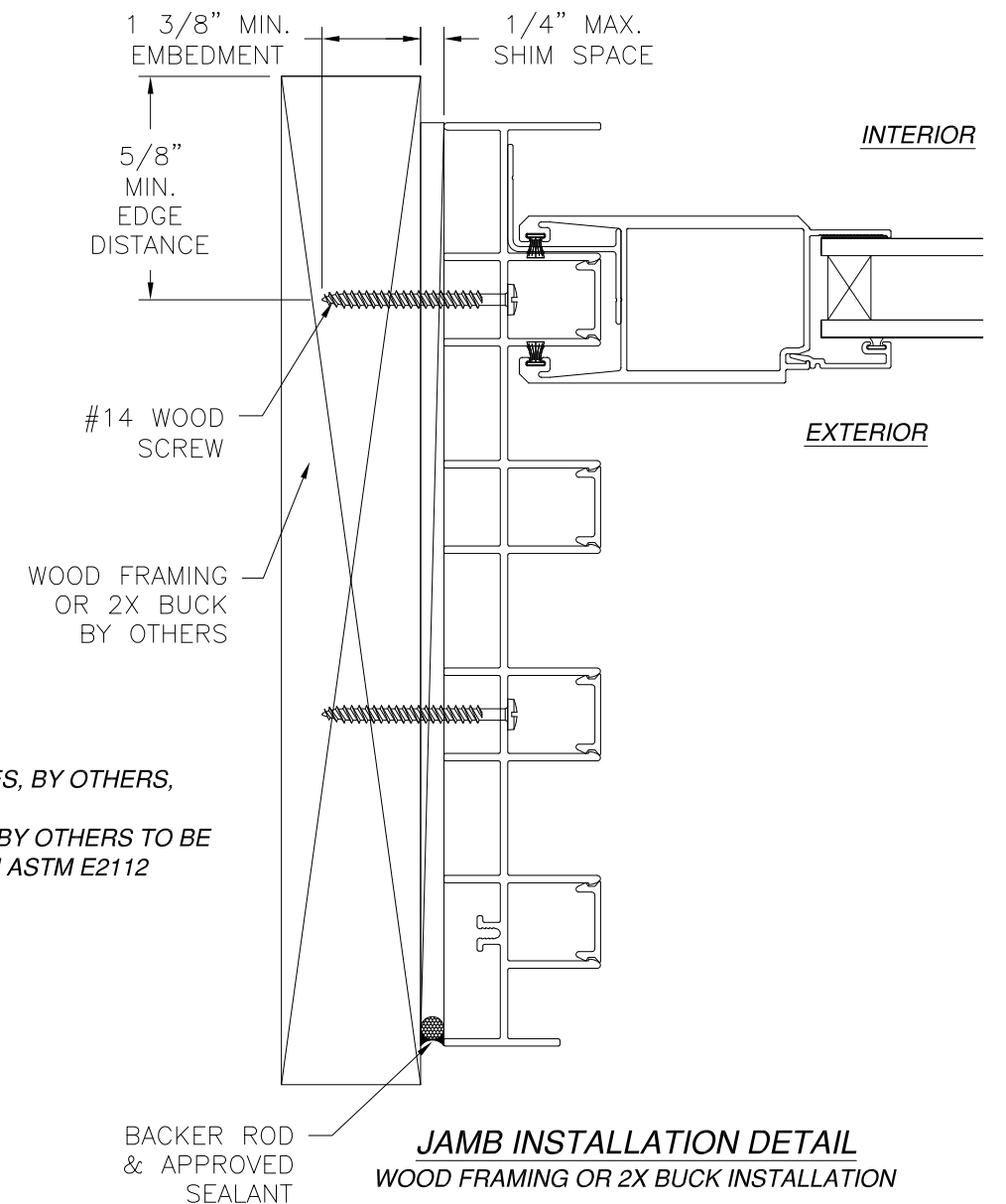
Luis R. Lomas P.E.
 FL No.: 62514



VERTICAL CROSS SECTION
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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

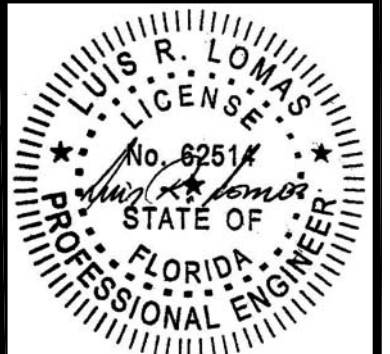
MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
4 TRACK FINLESS INSTALLATION DETAILS

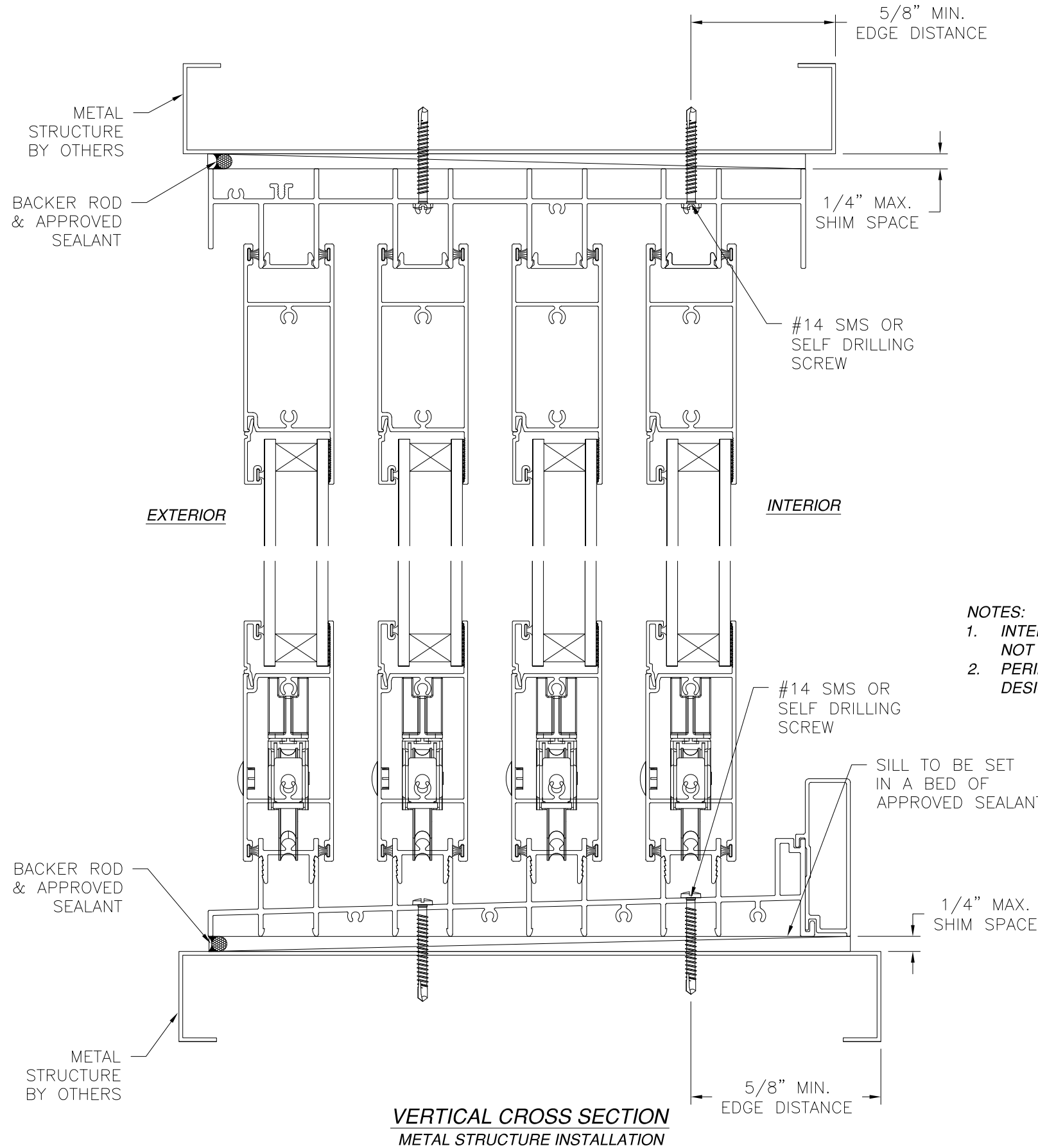
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 10 OF 25

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

SIGNED: 09/05/2023

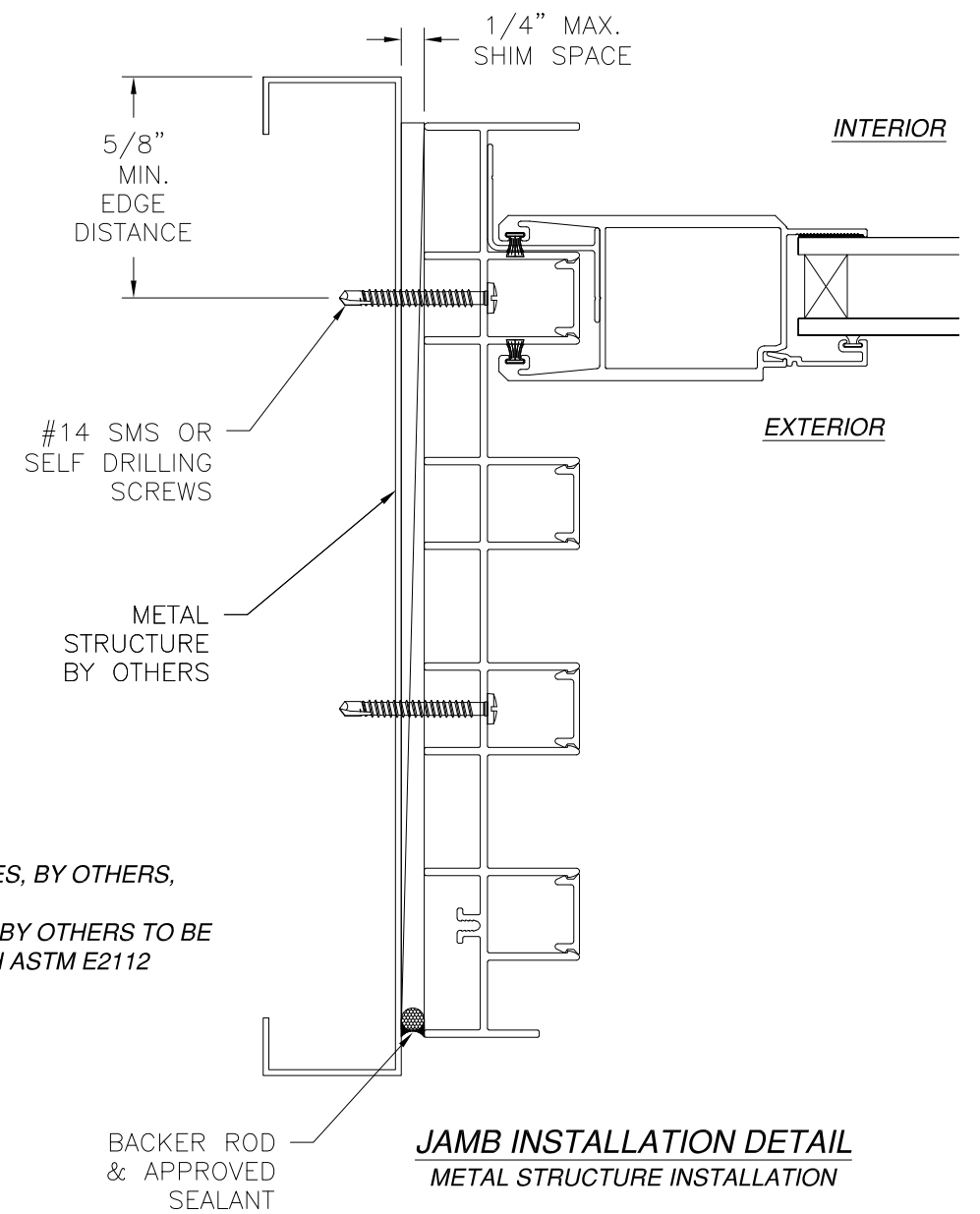


Luis R. Lomas P.E.
FL No.: 62514



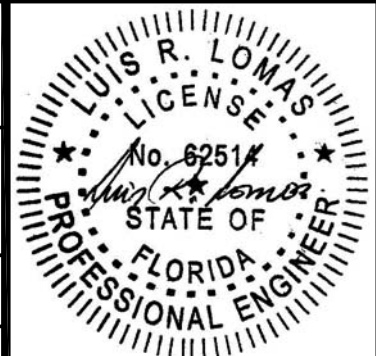
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.

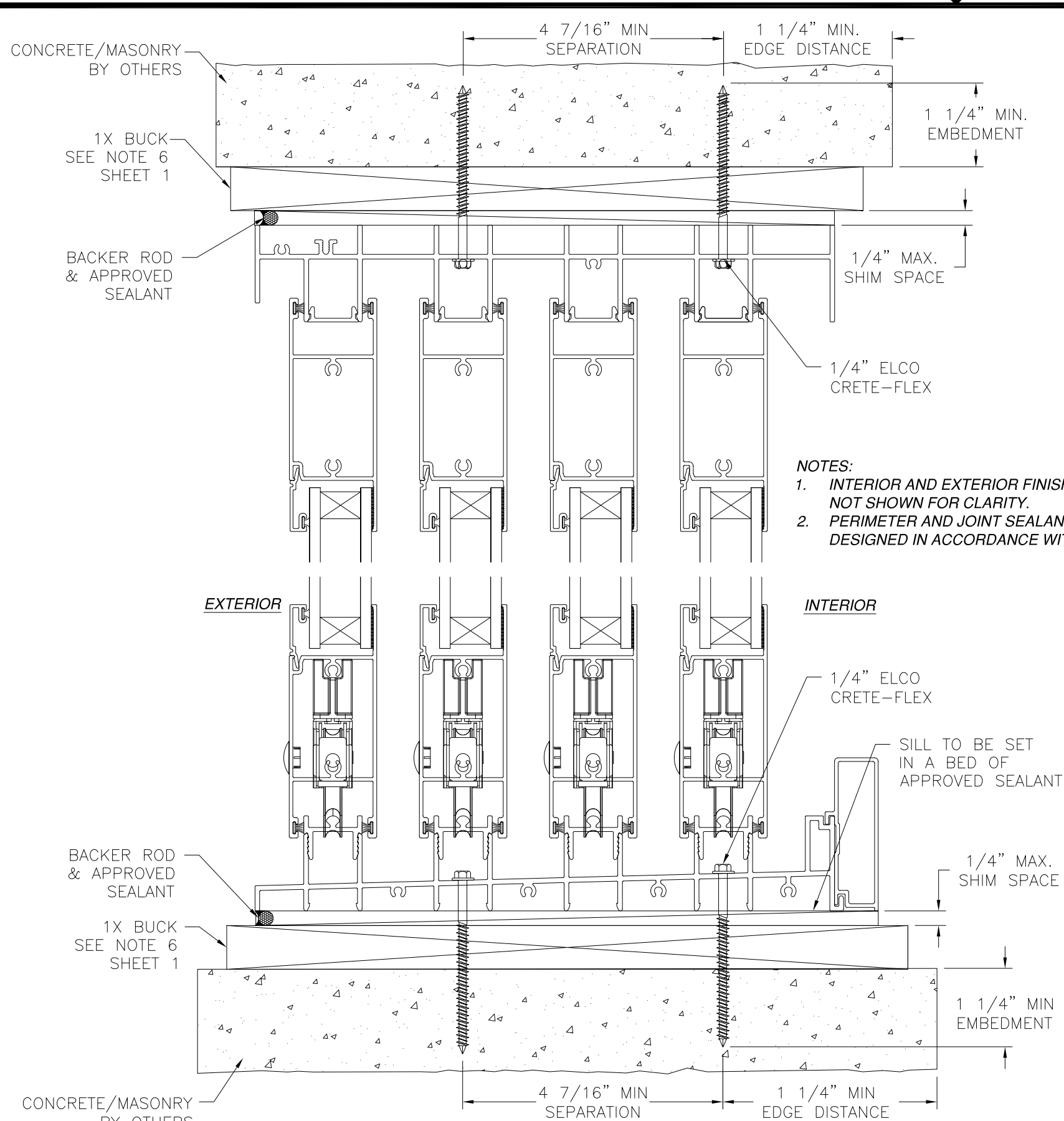


MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT 4 TRACK FINLESS INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 11 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/05/2023



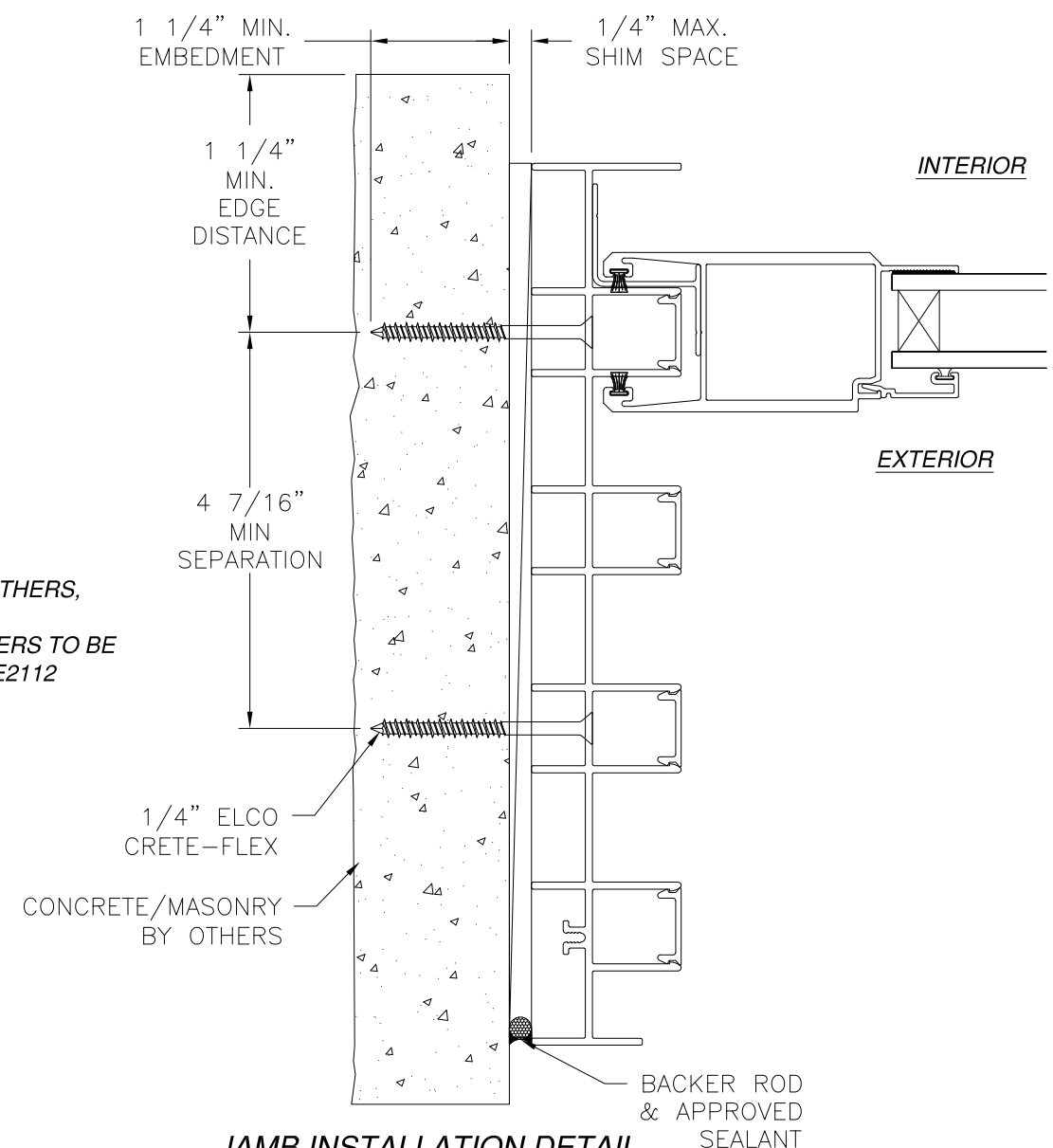
Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

- 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

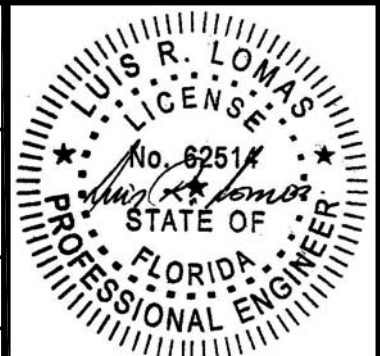
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



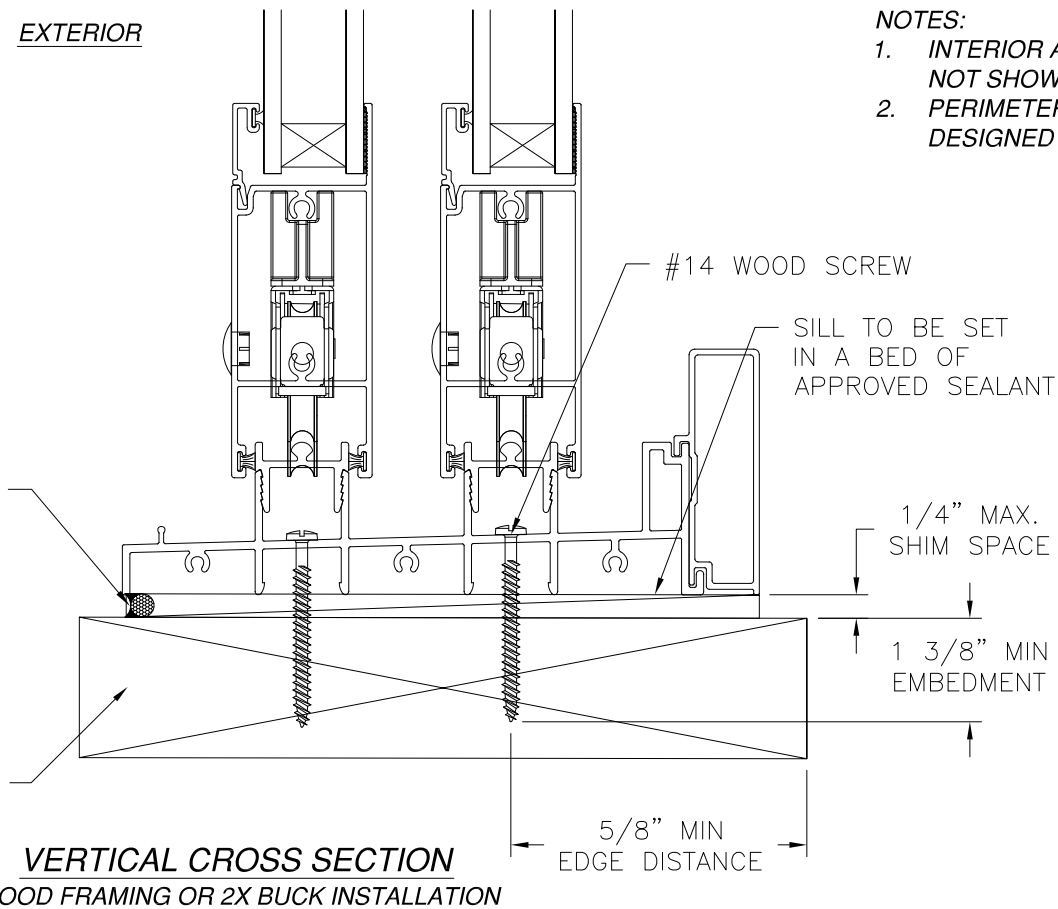
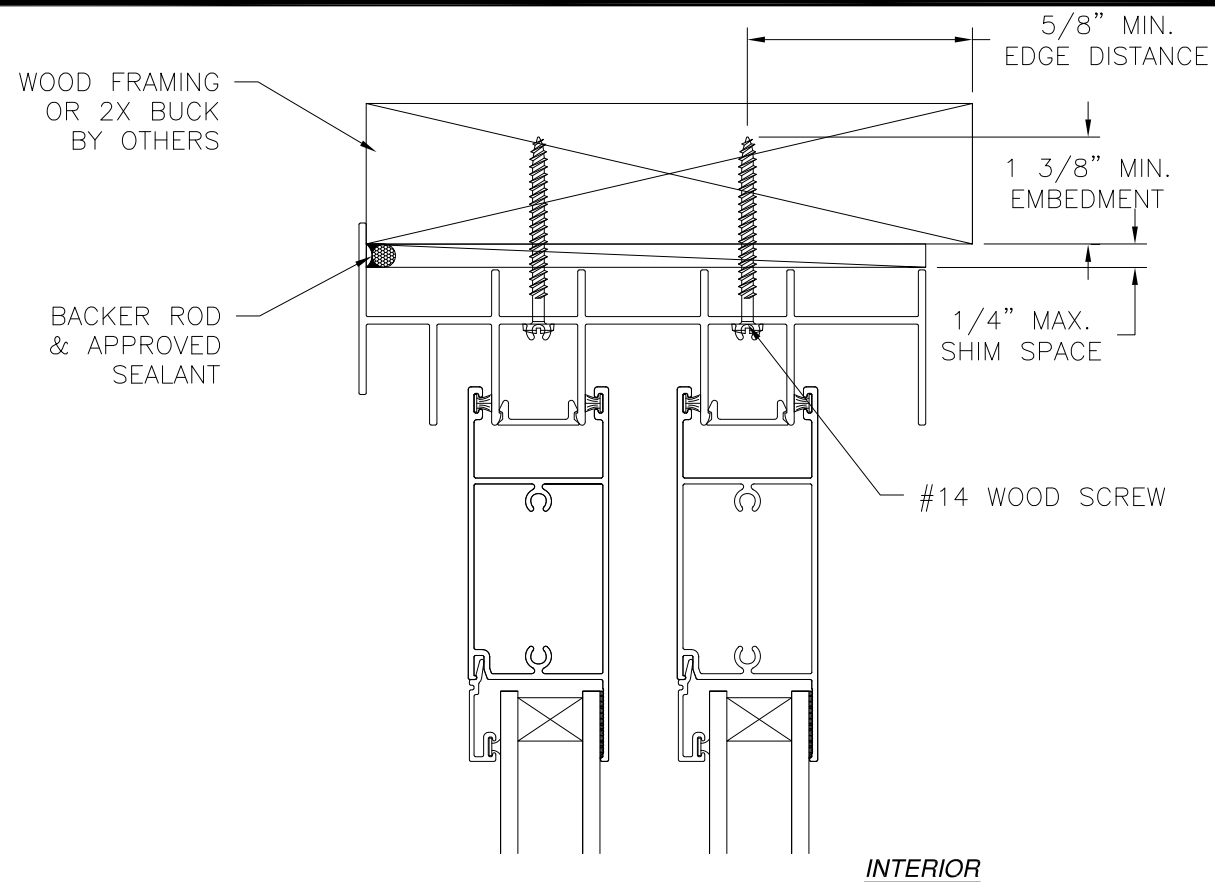
JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

SIGNED: 09/05/2023

MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT 4 TRACK FINLESS INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 12 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

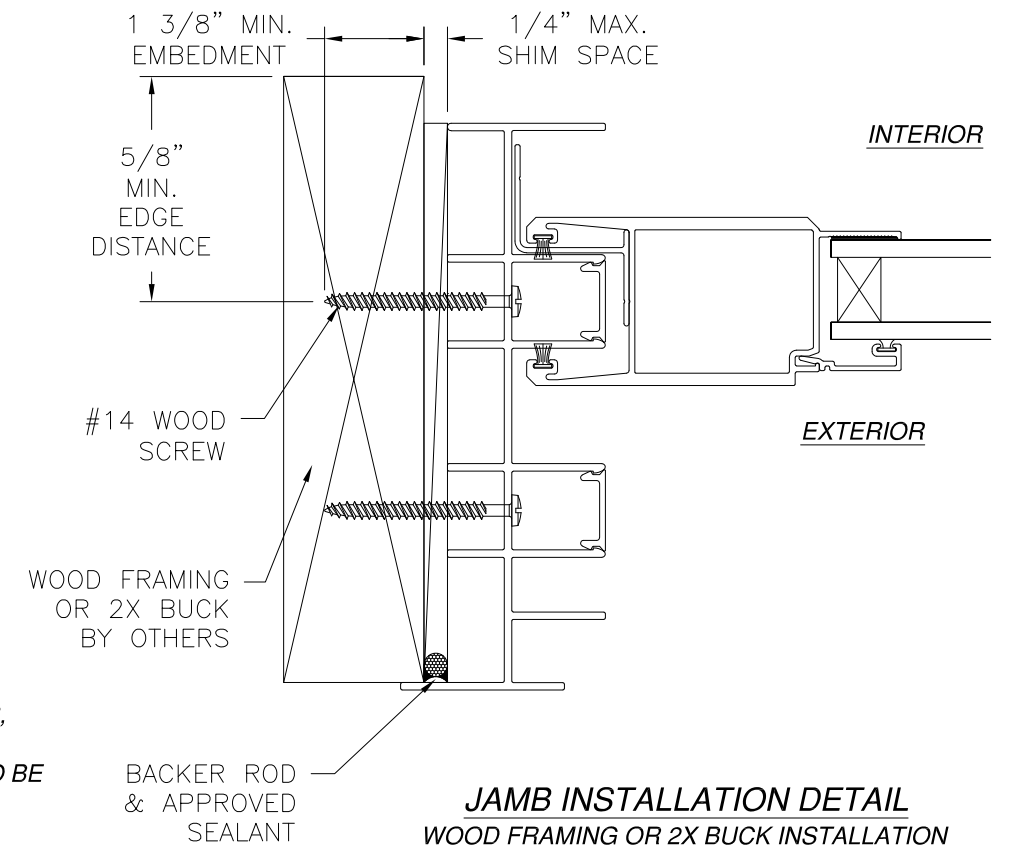


Luis R. Lomas P.E.
 FL No.: 62514



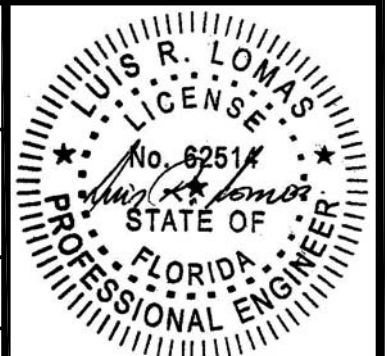
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.

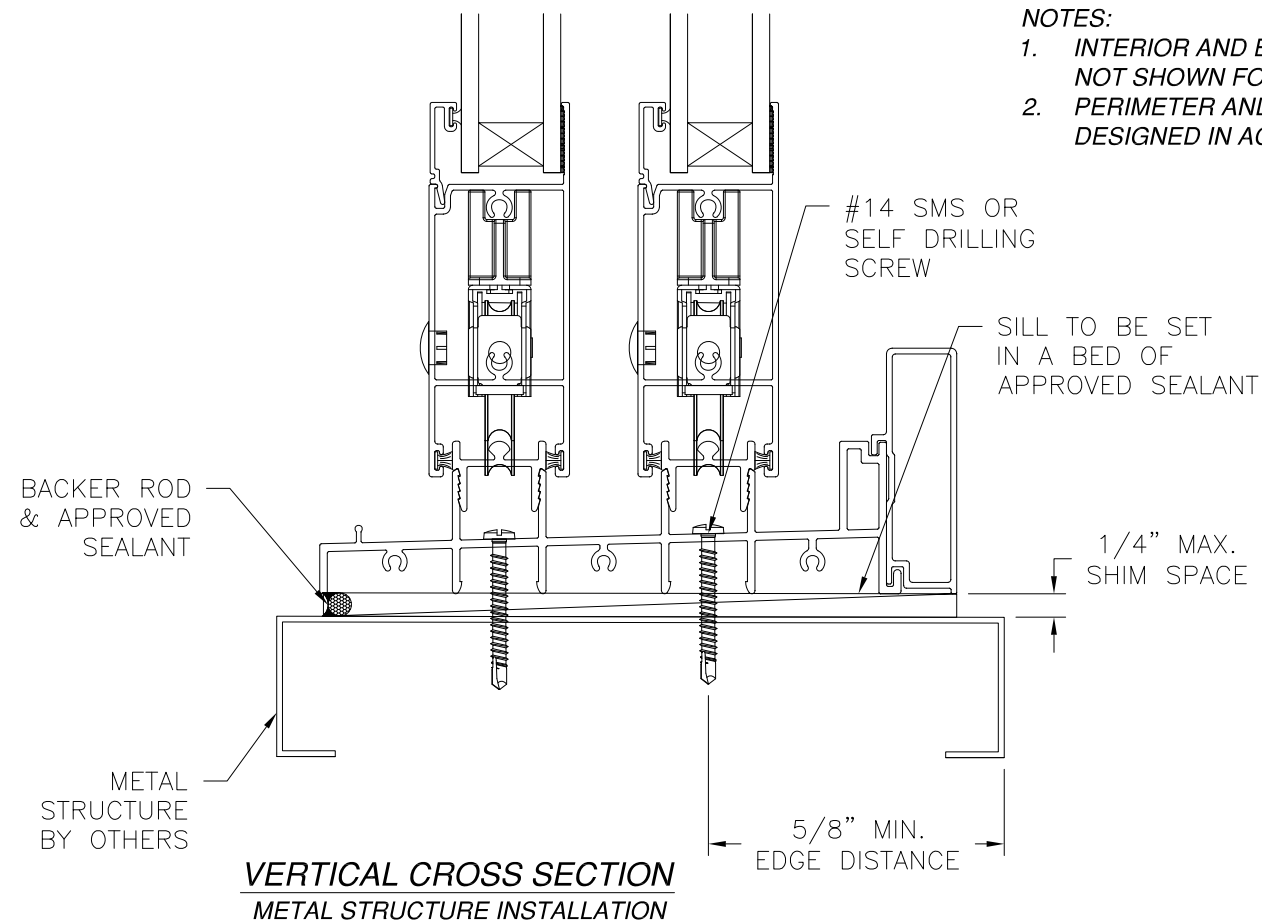
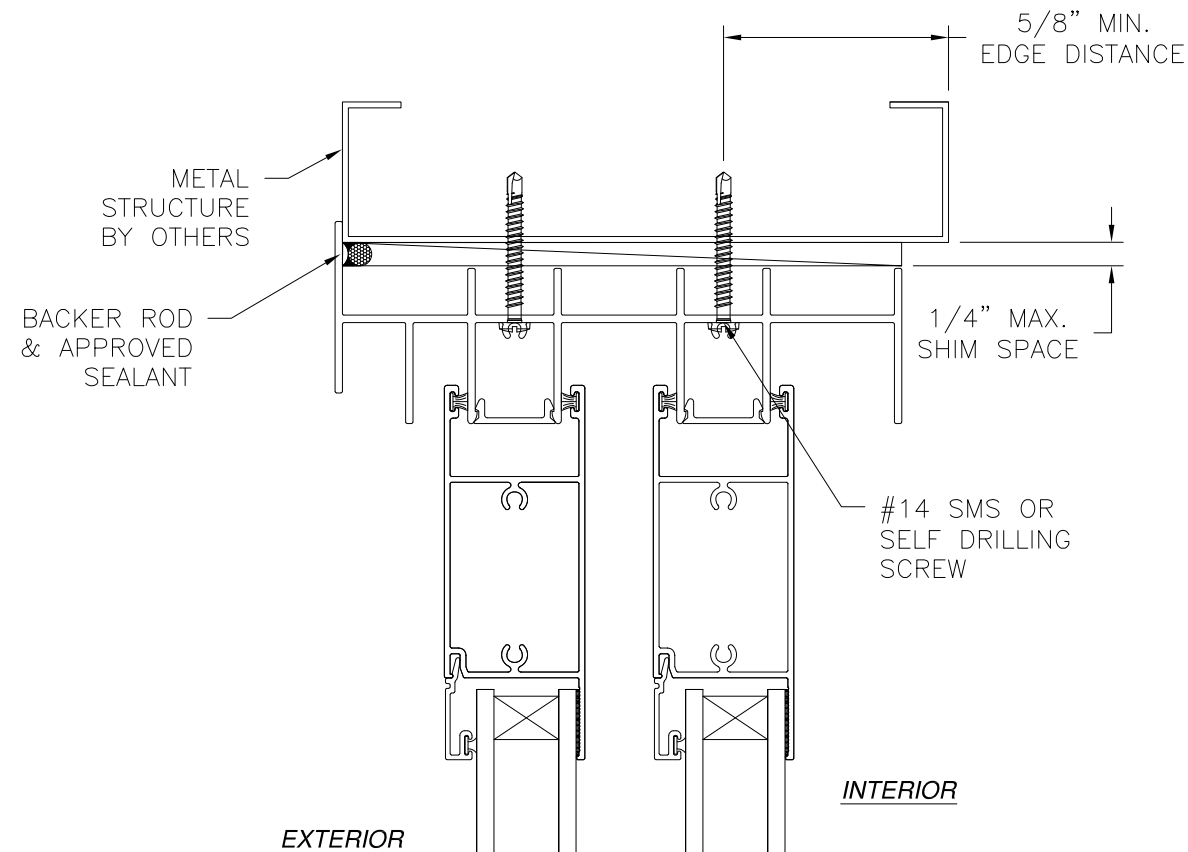


MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT 2 TRACK FLANGE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 13 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/05/2023



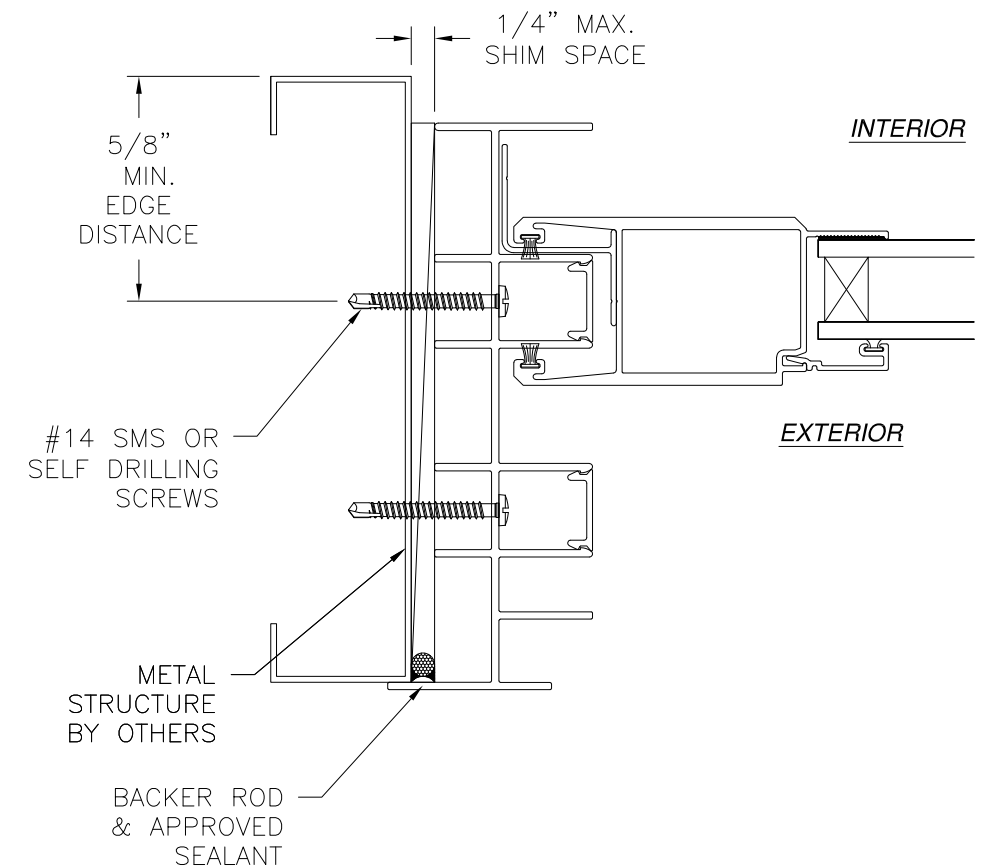
Luis R. Lomas P.E.
FL No.: 62514



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

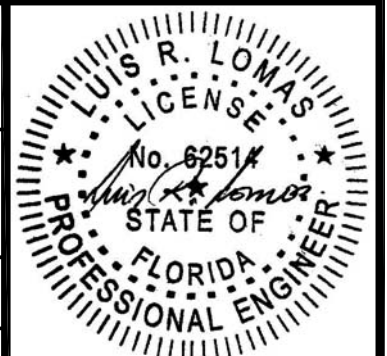
MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
2 TRACK FLANGE INSTALLATION DETAILS

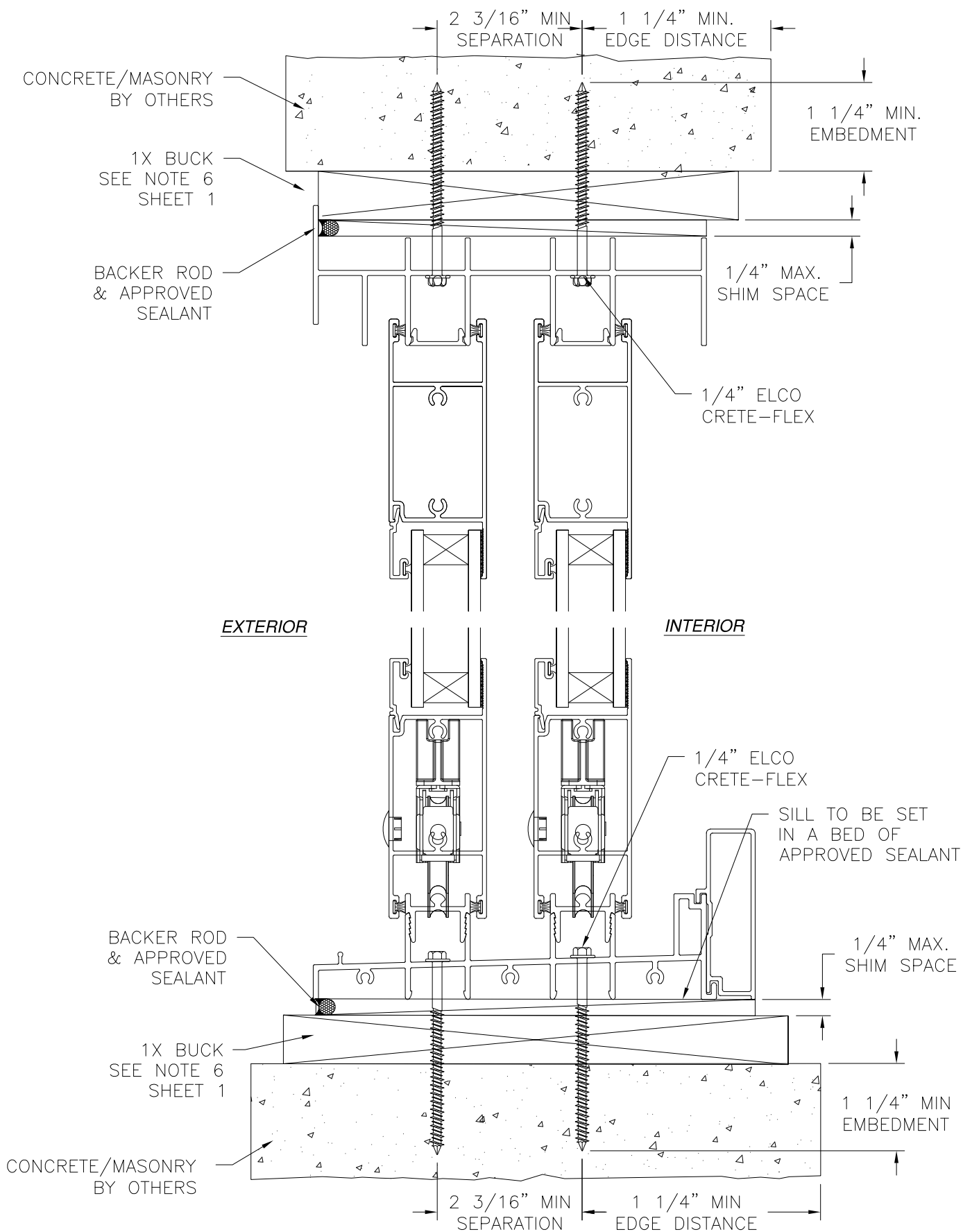
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 14 OF 25

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

SIGNED: 09/05/2023

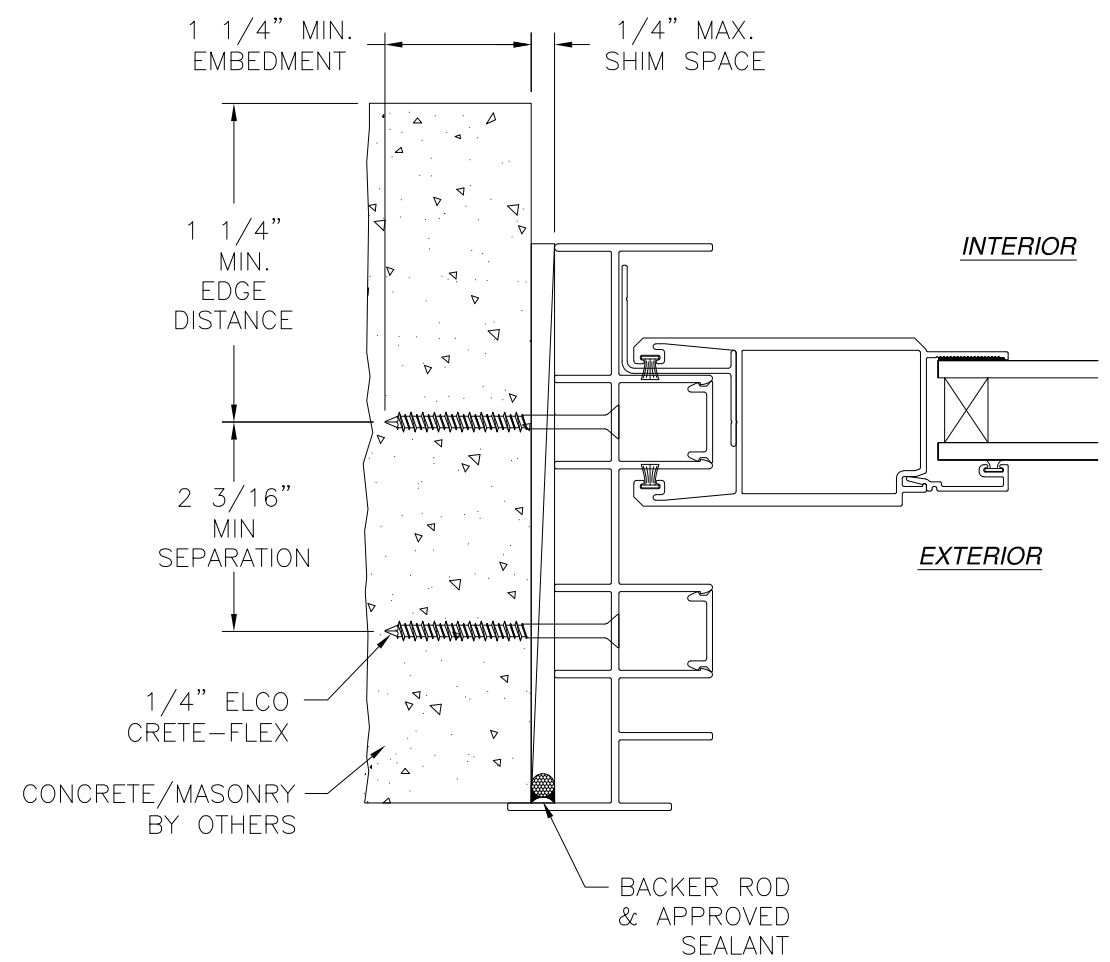


Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.

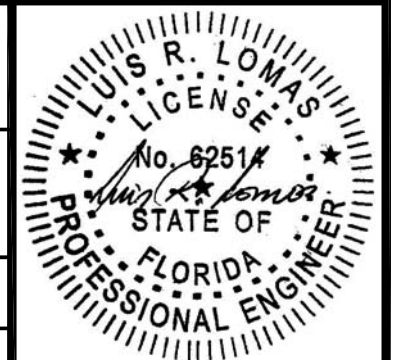


JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

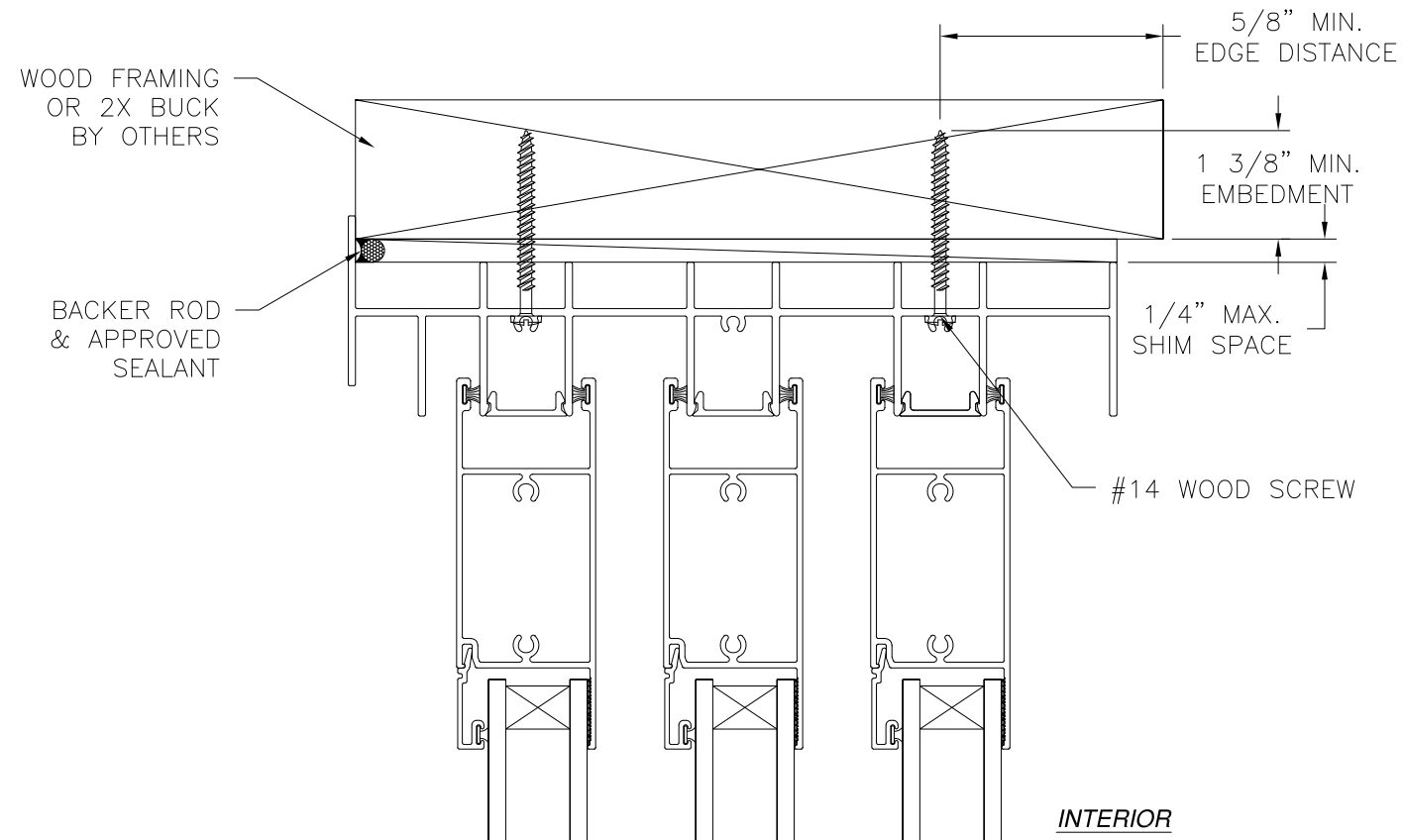
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 09/05/2023

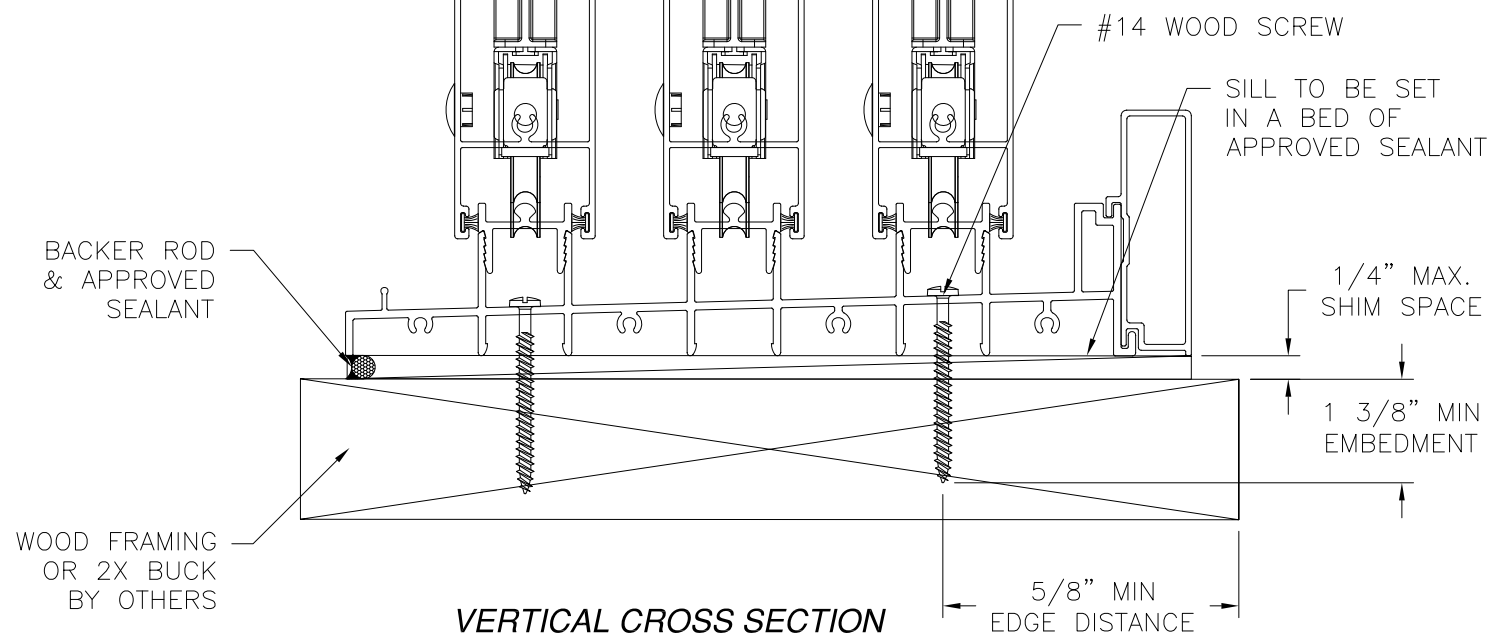
MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT 2 TRACK FLANGE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 15 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



EXTERIOR

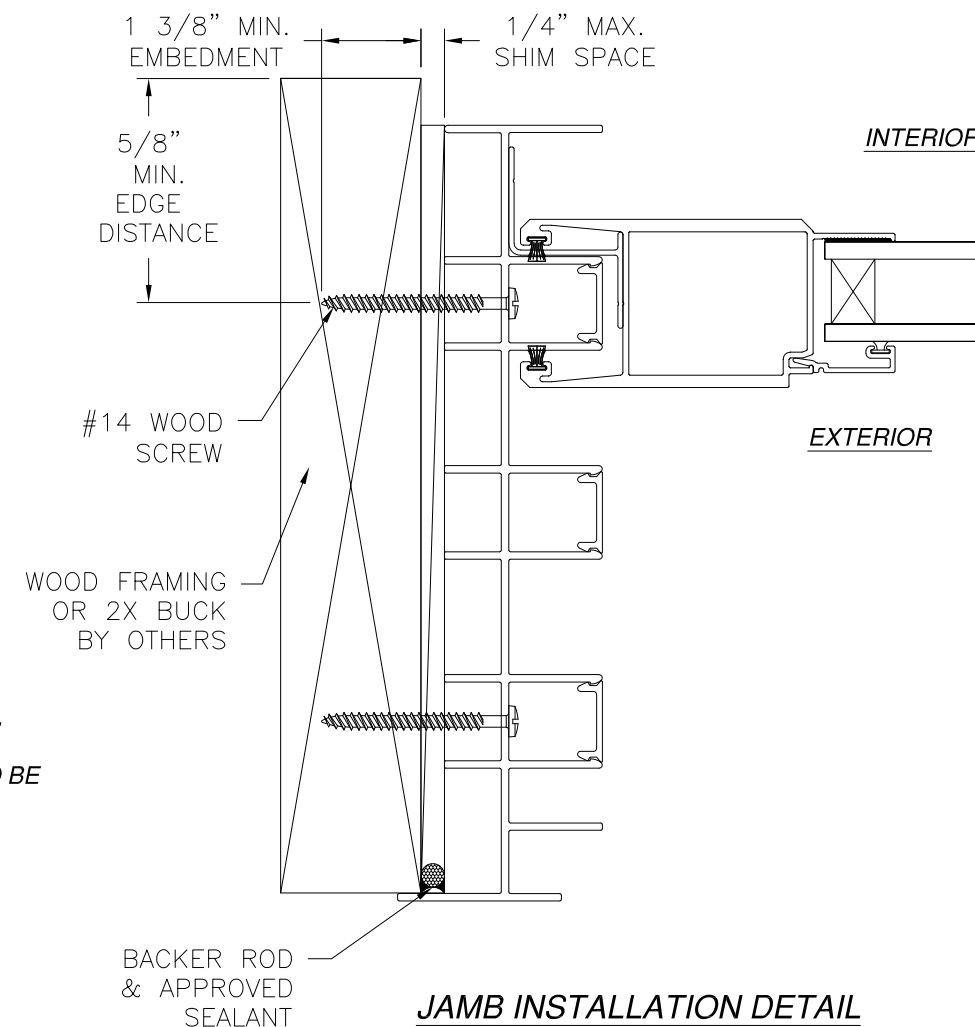


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

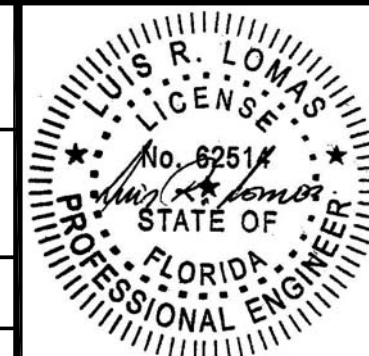
MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
3 TRACK FLANGE INSTALLATION DETAILS

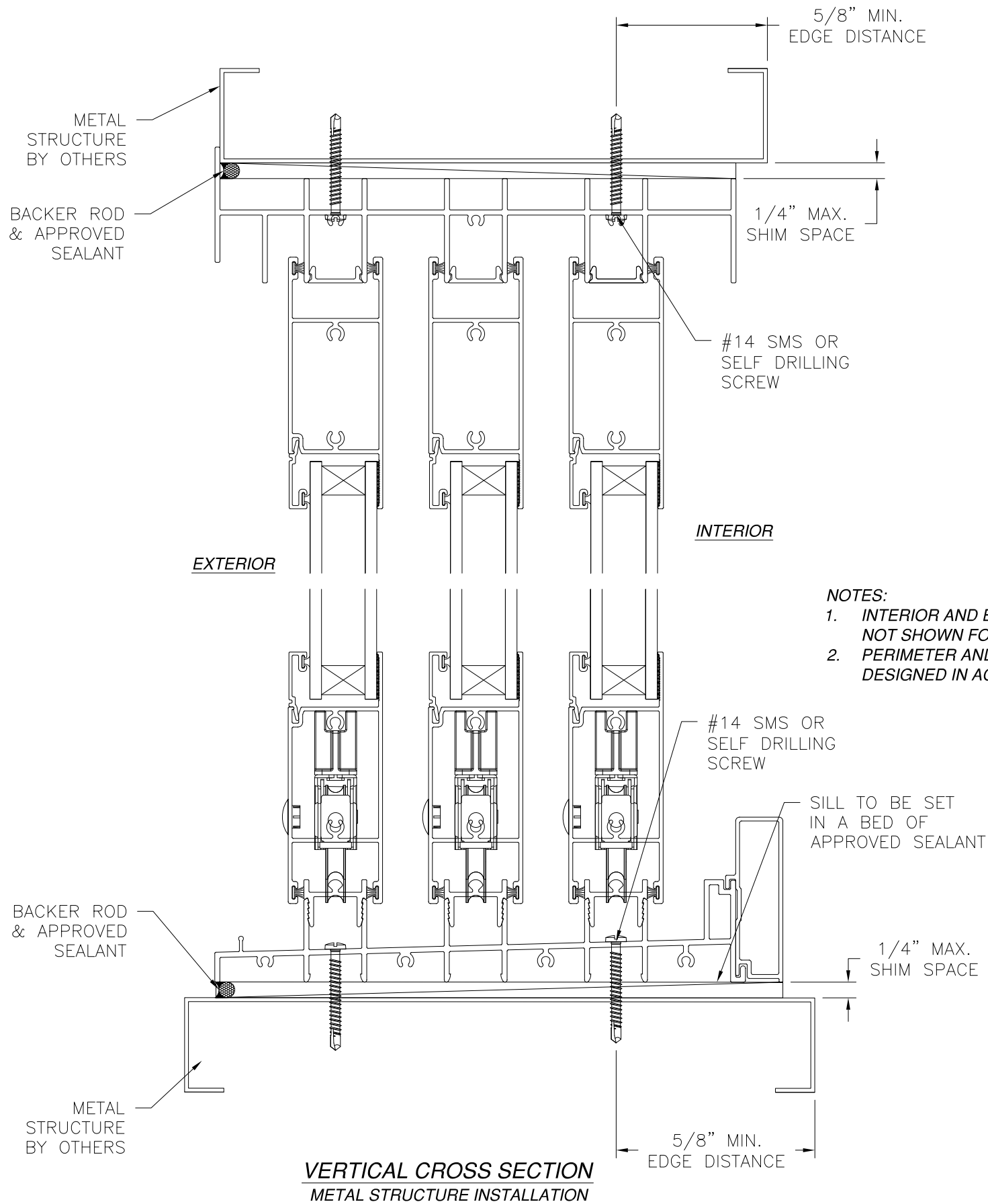
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SCALE NTS	DATE 04/04/19	SHEET 16 OF 25

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

SIGNED: 09/05/2023

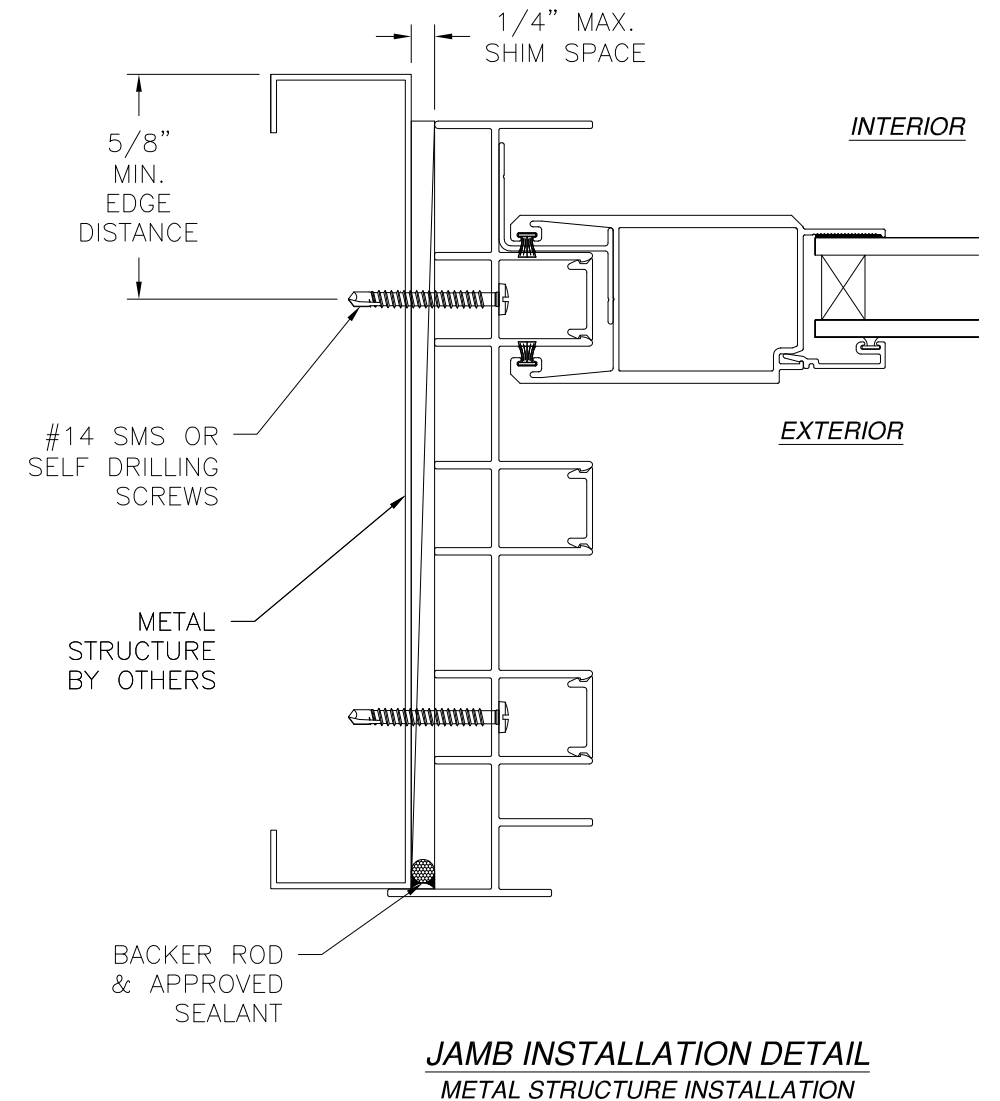


Luis R. Lomas P.E.
FL No.: 62514



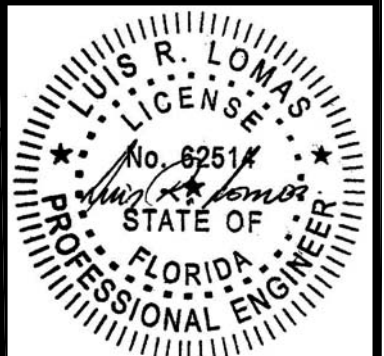
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.

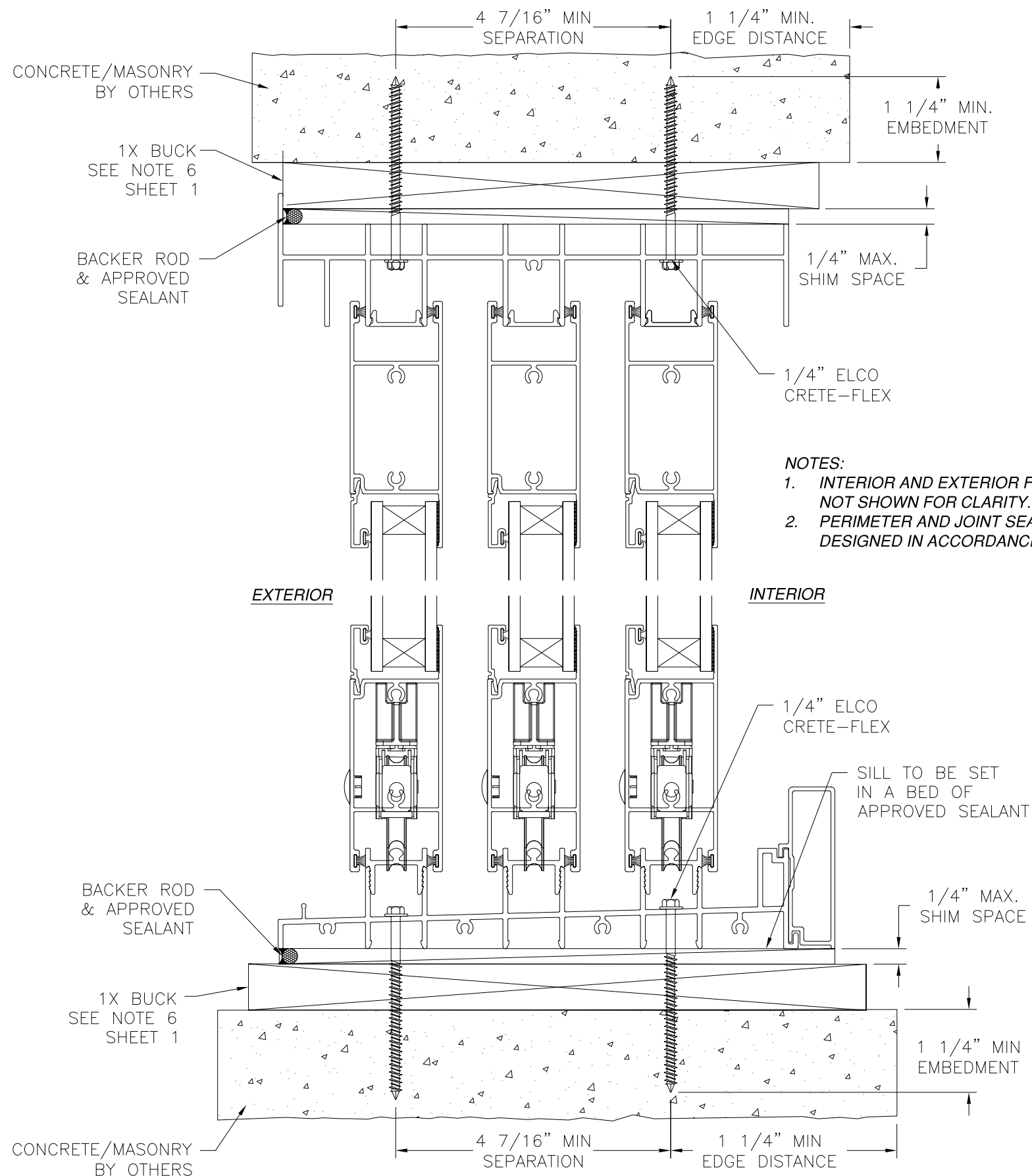


MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT 3 TRACK FLANGE INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 17 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/05/2023

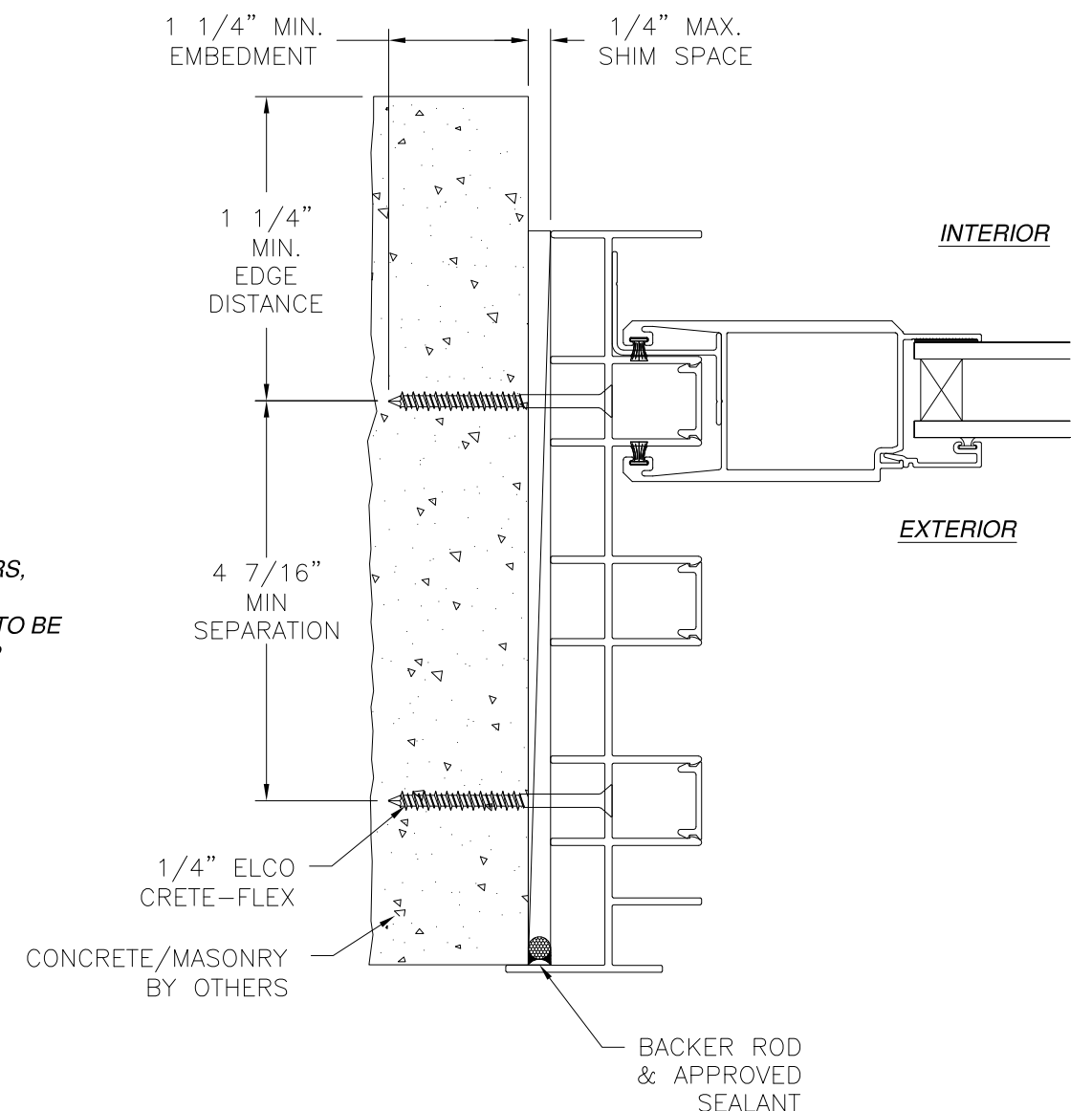


Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
HEAD AND SILL INSTALLATION DETAILS

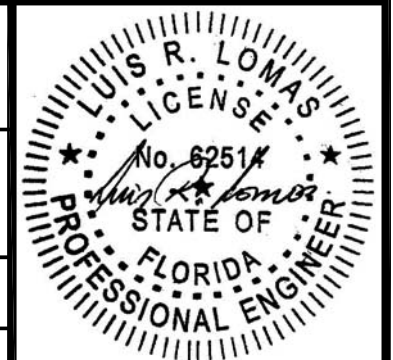
SIGNED: 09/05/2023

MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

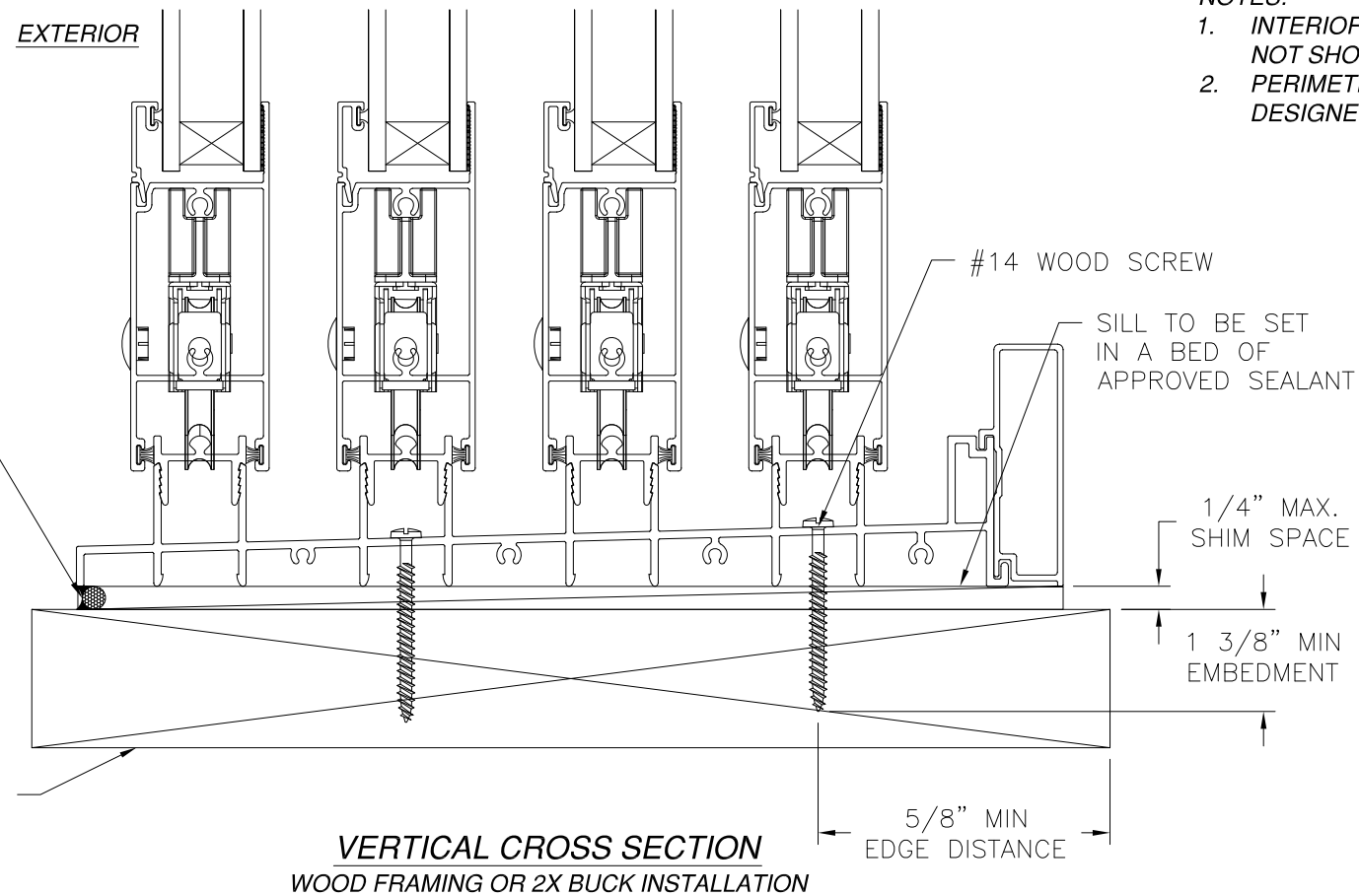
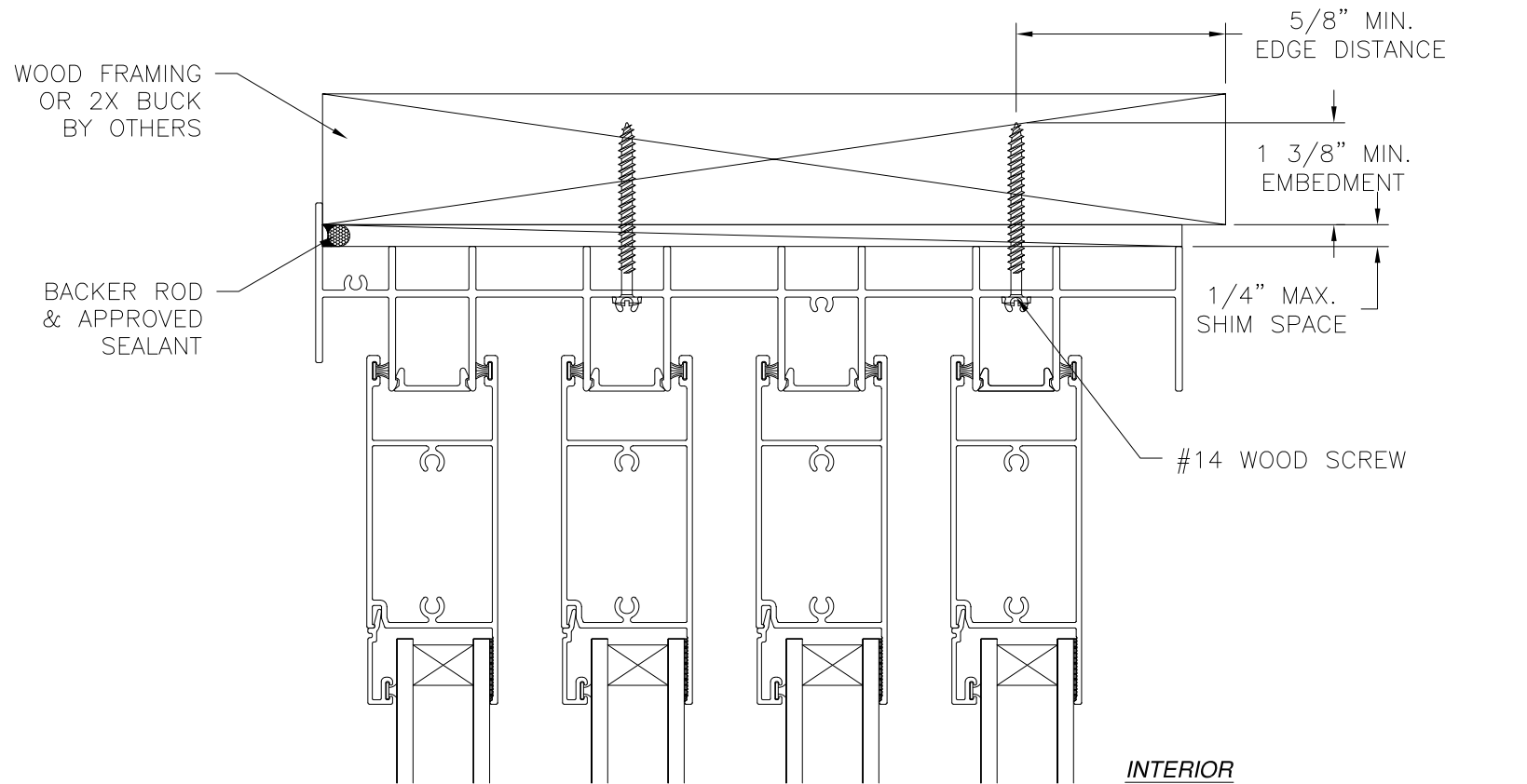
SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
3 TRACK FLANGE INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 18 OF 25

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

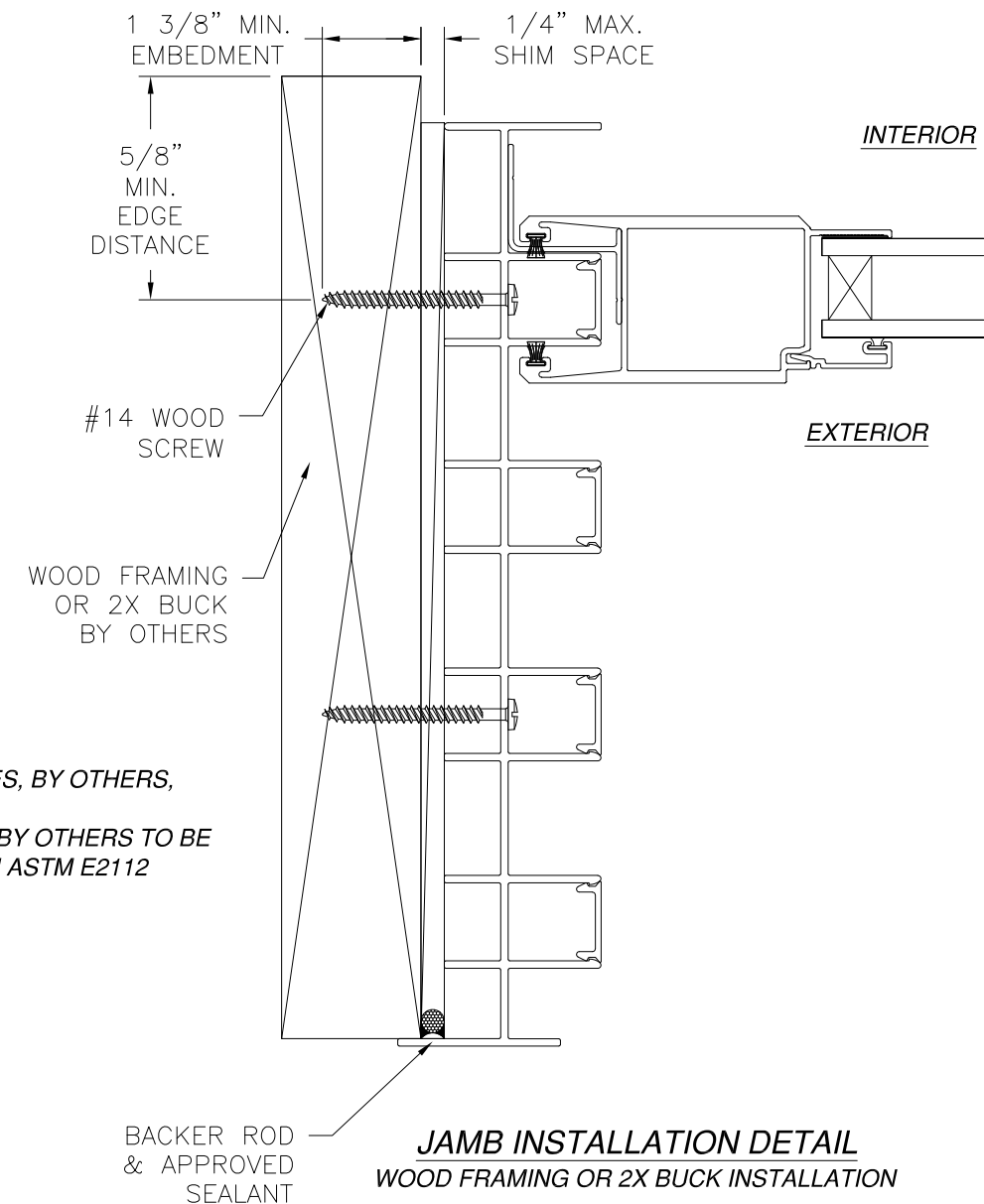


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

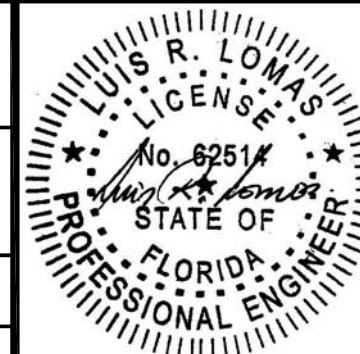
SIGNED: 09/05/2023

MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

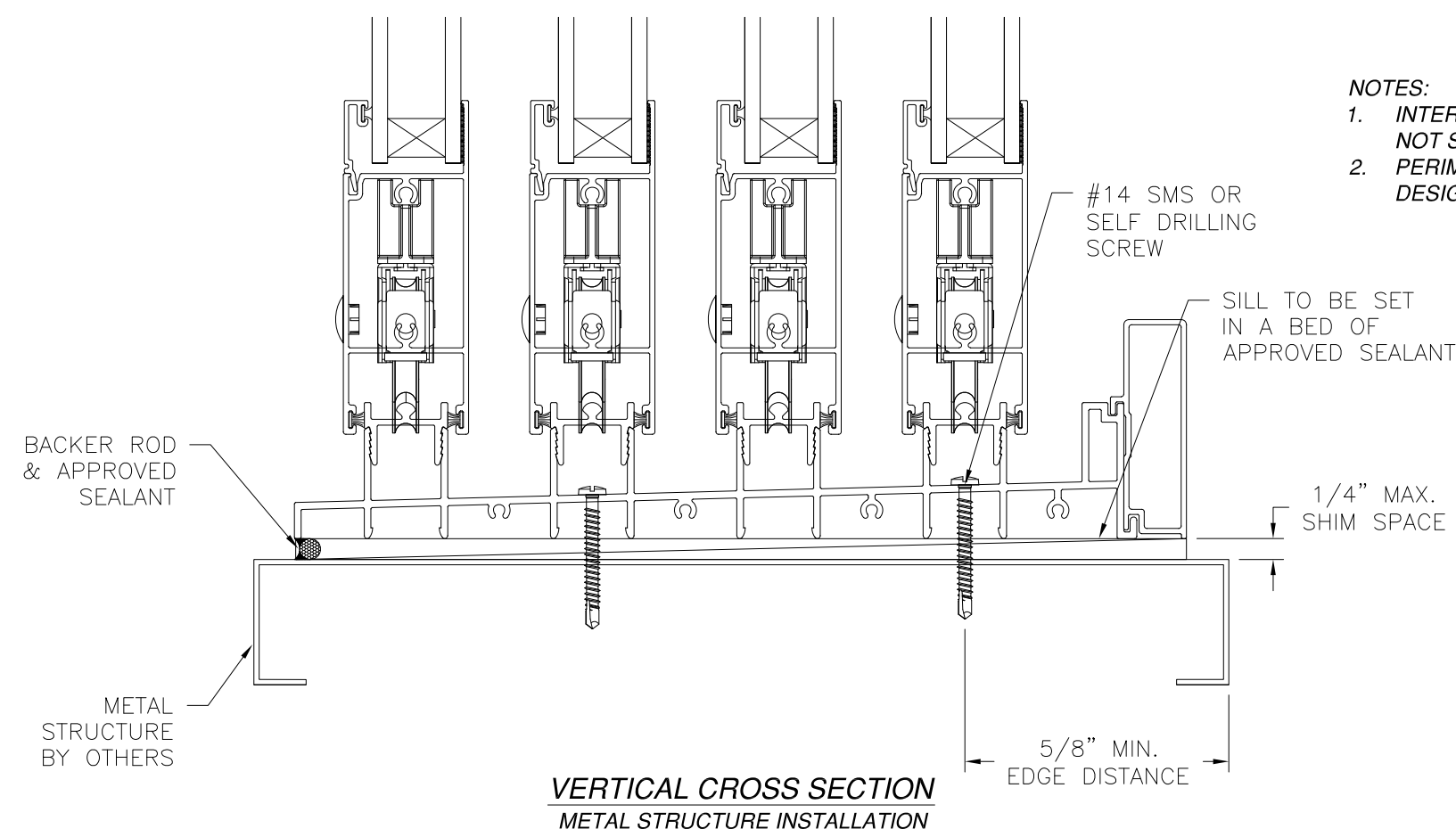
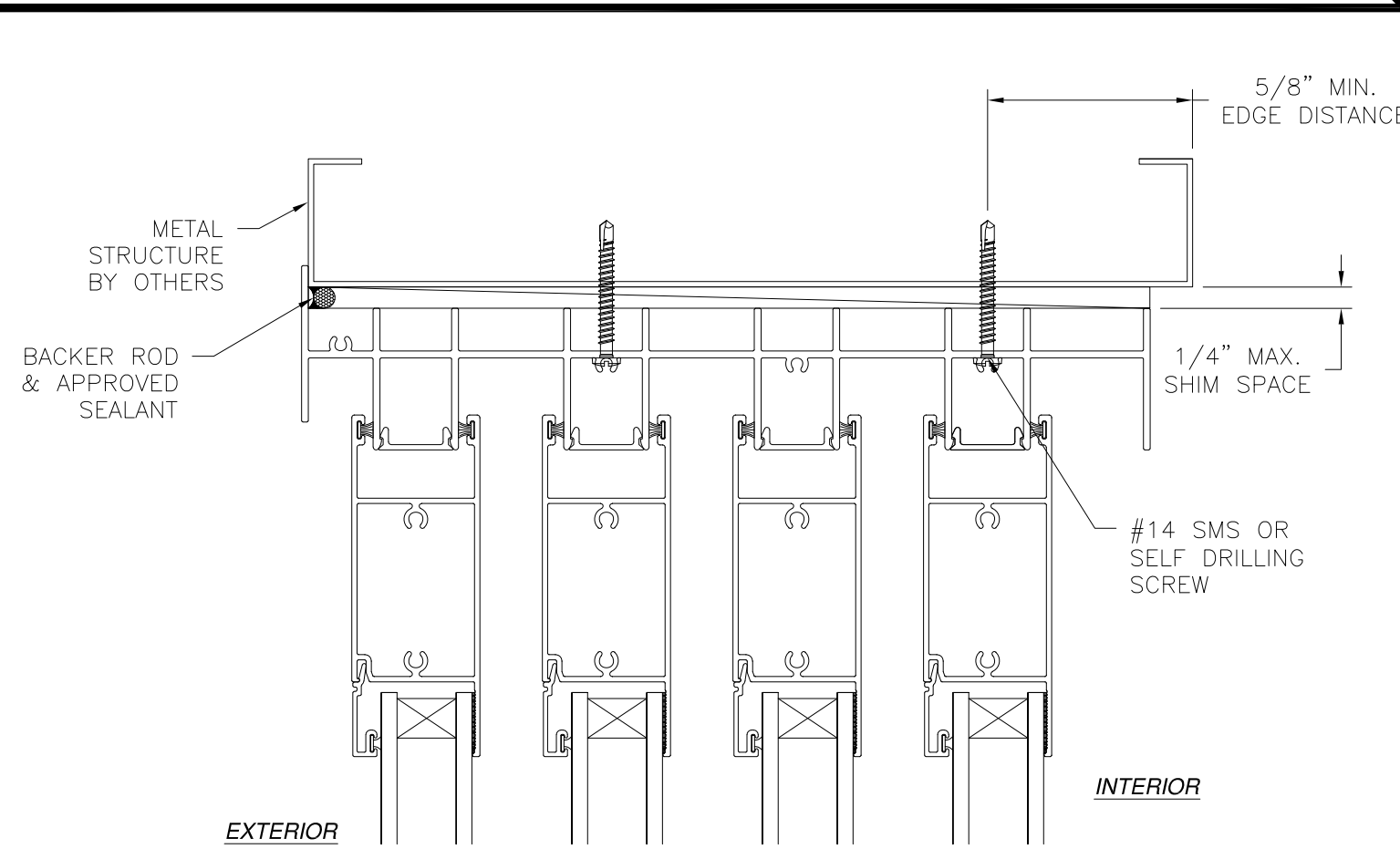
SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
4 TRACK FLANGE INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 19 OF 25

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



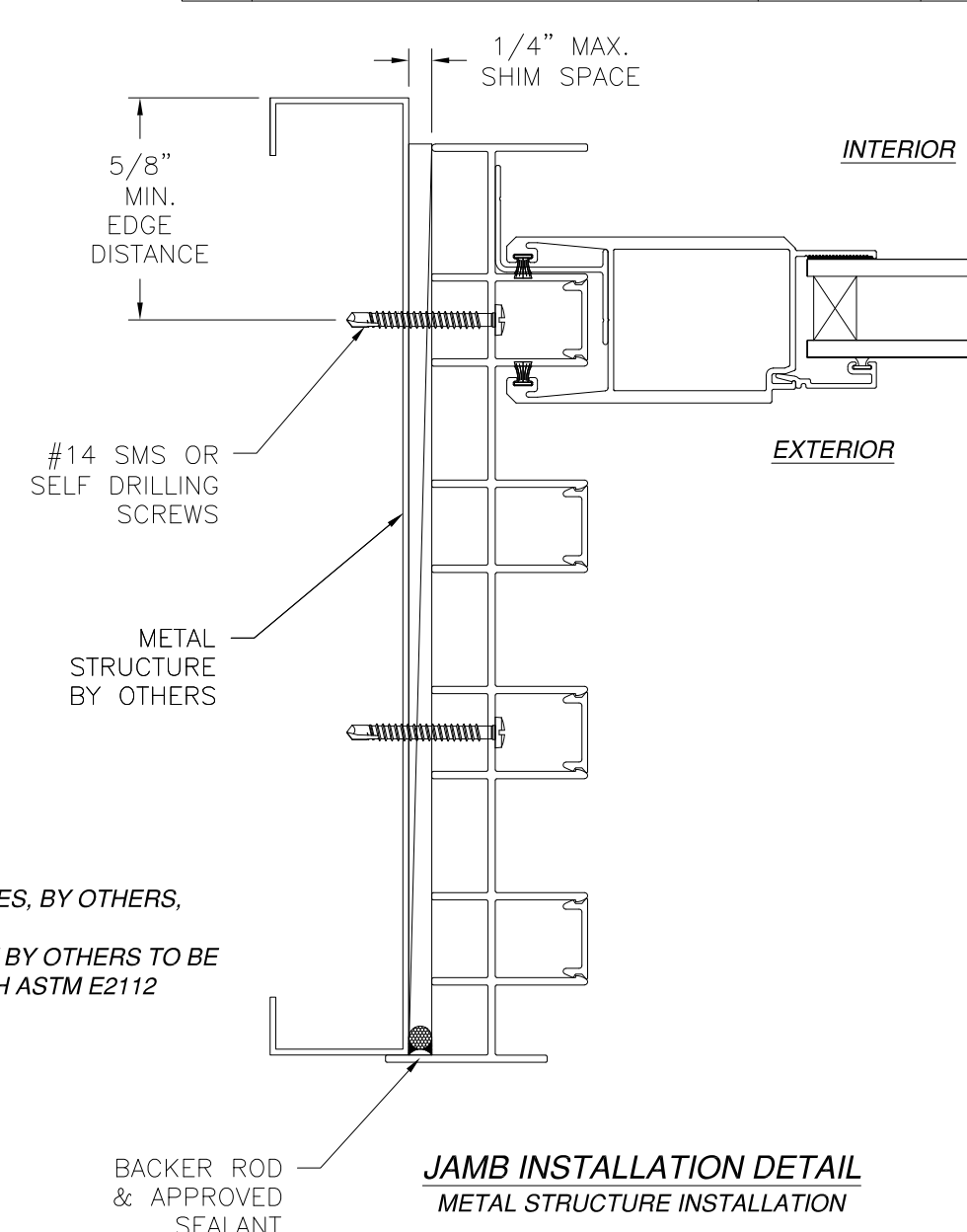
Luis R. Lomas P.E.
FL No.: 62514



NOTES:

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

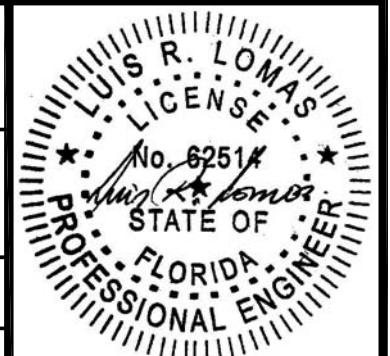
MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
4 TRACK FLANGE INSTALLATION DETAILS

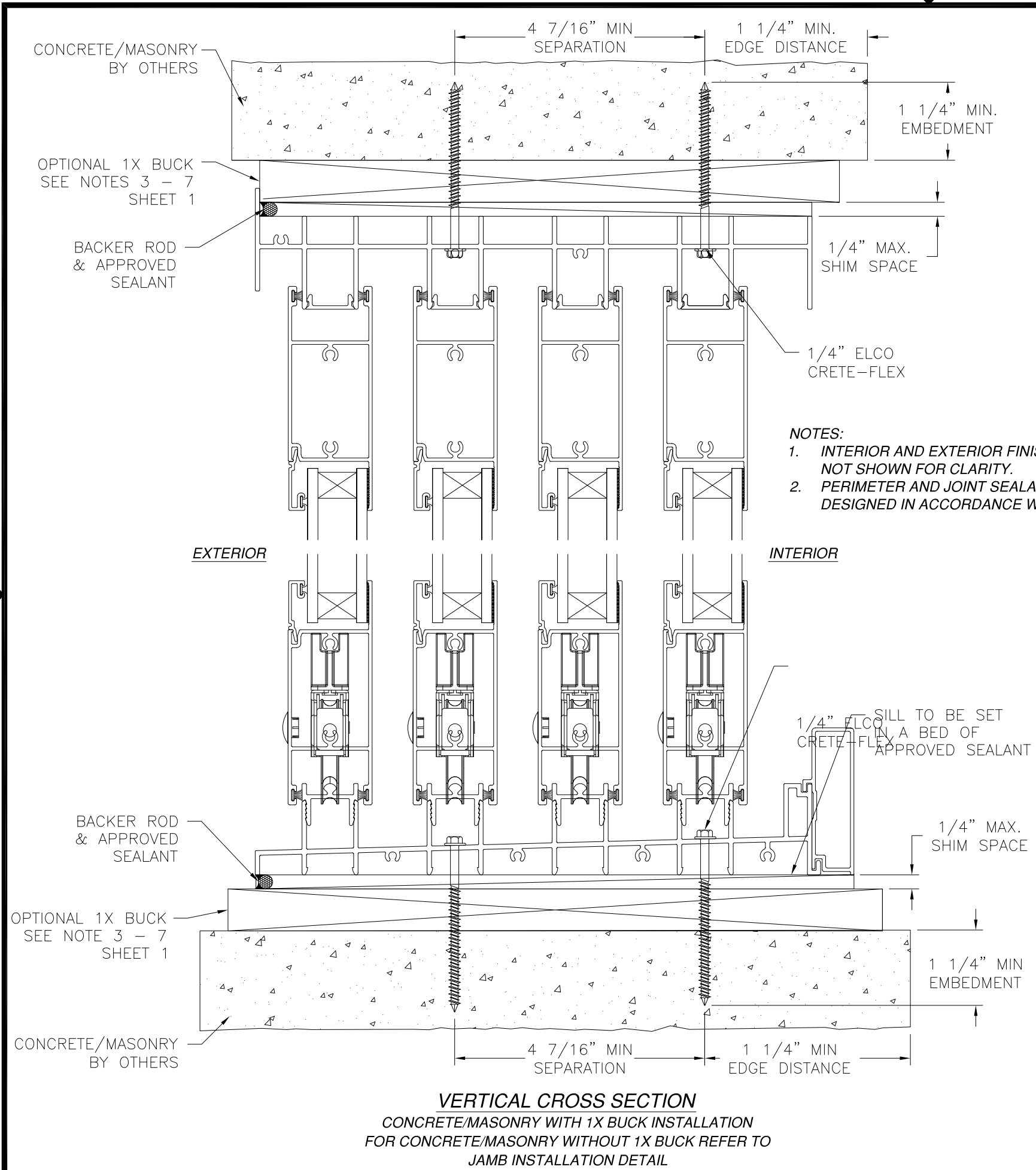
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 20 OF 25

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

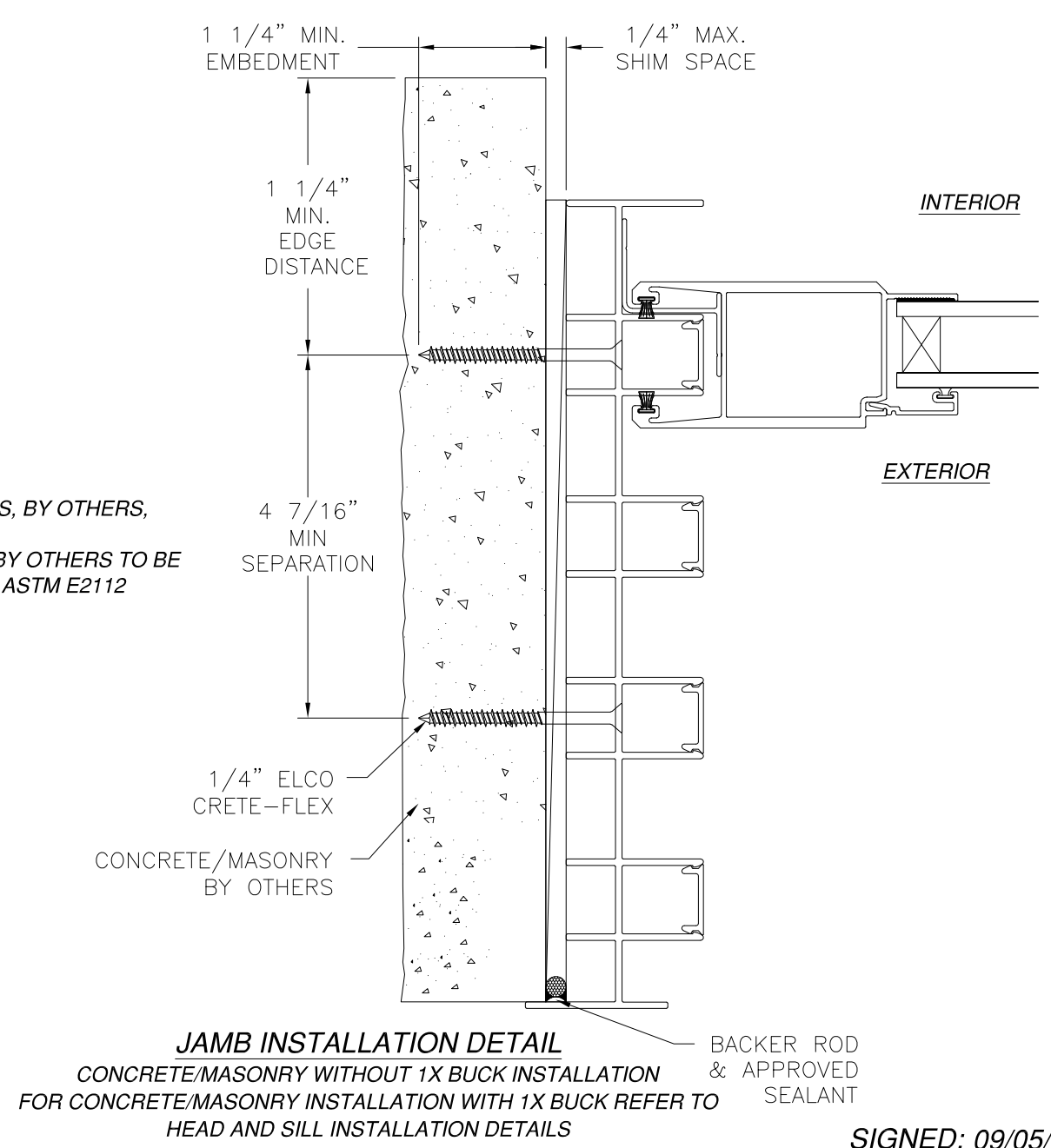
SIGNED: 09/05/2023



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
4 TRACK FLANGE INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 21 OF 25

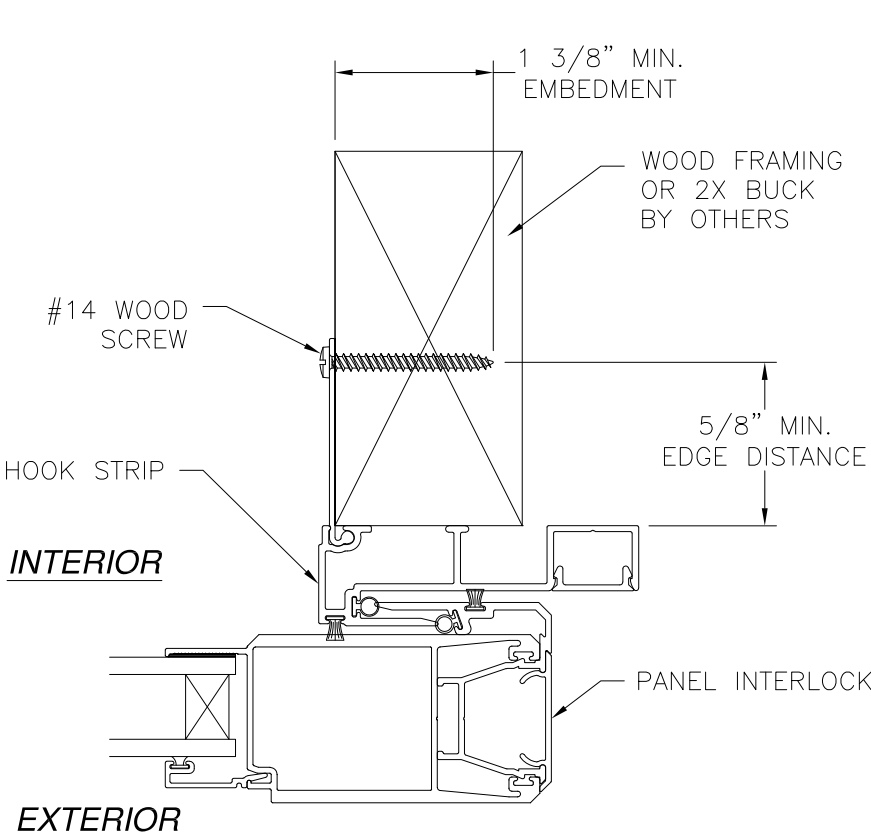
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/05/2023

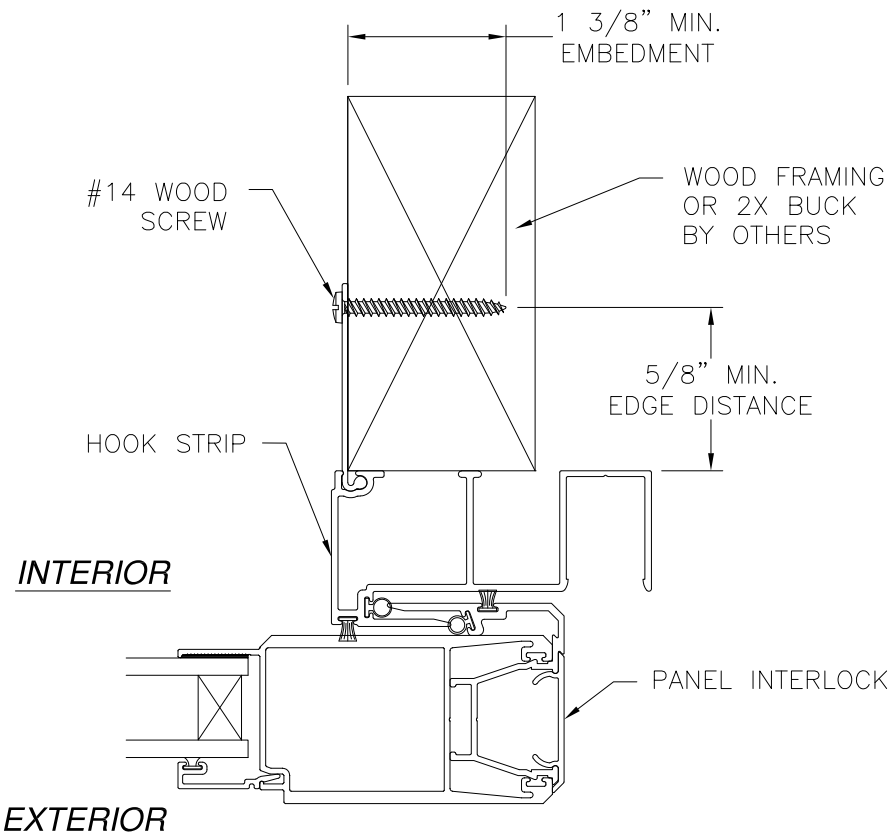
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.

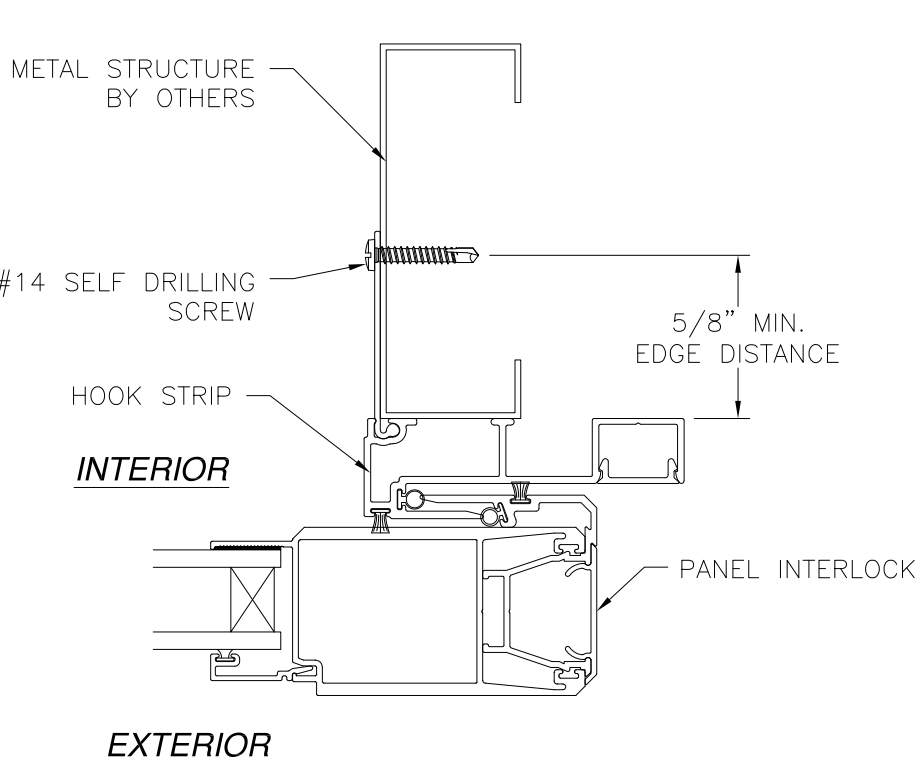
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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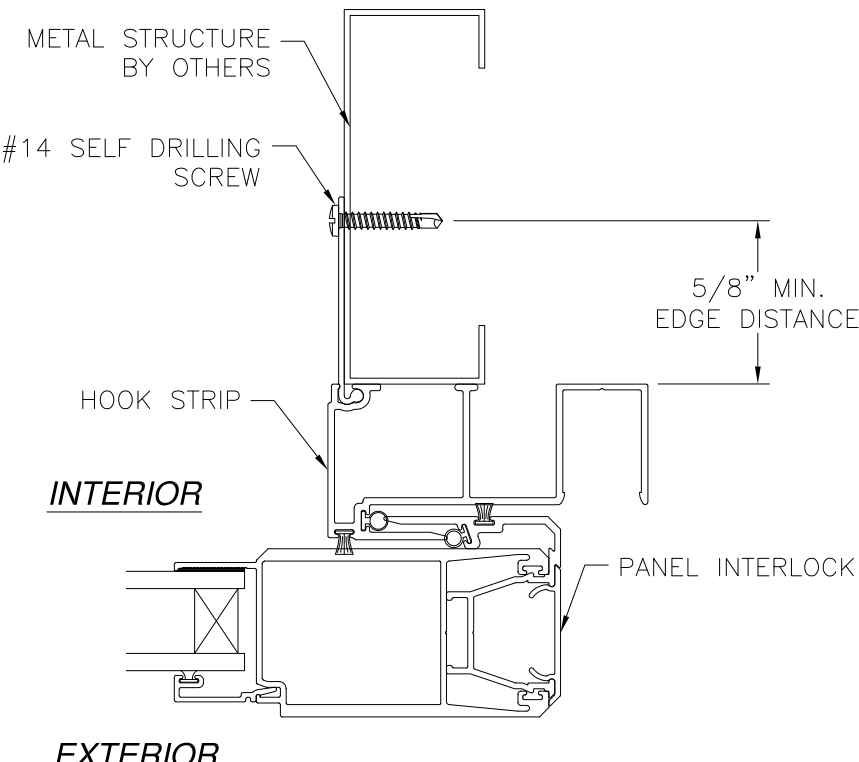
HOOK STRIP (M-2533) INSTALLATION
2X BUCK/WOOD FRAMING



HOOK STRIP (M-2534) INSTALLATION
2X BUCK/WOOD FRAMING



HOOK STRIP (M-2533) INSTALLATION
METAL STRUCTURE



HOOK STRIP (M-2534) INSTALLATION
METAL STRUCTURE

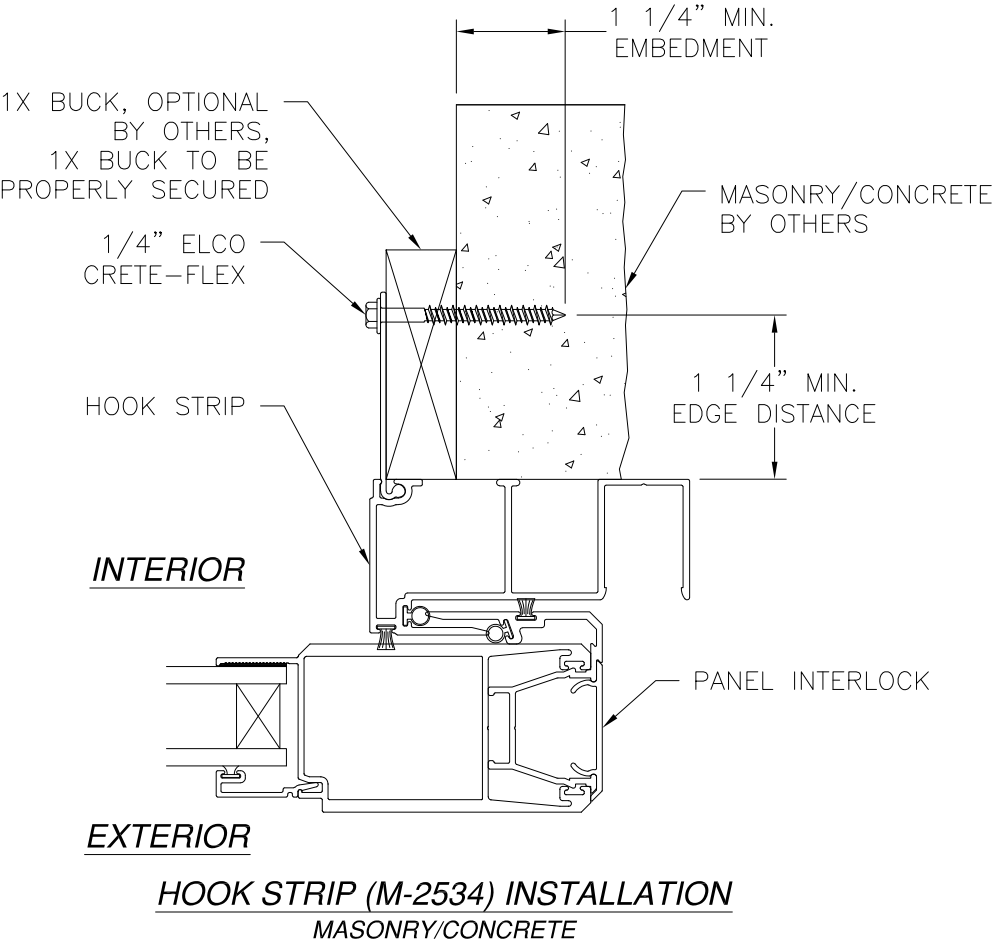
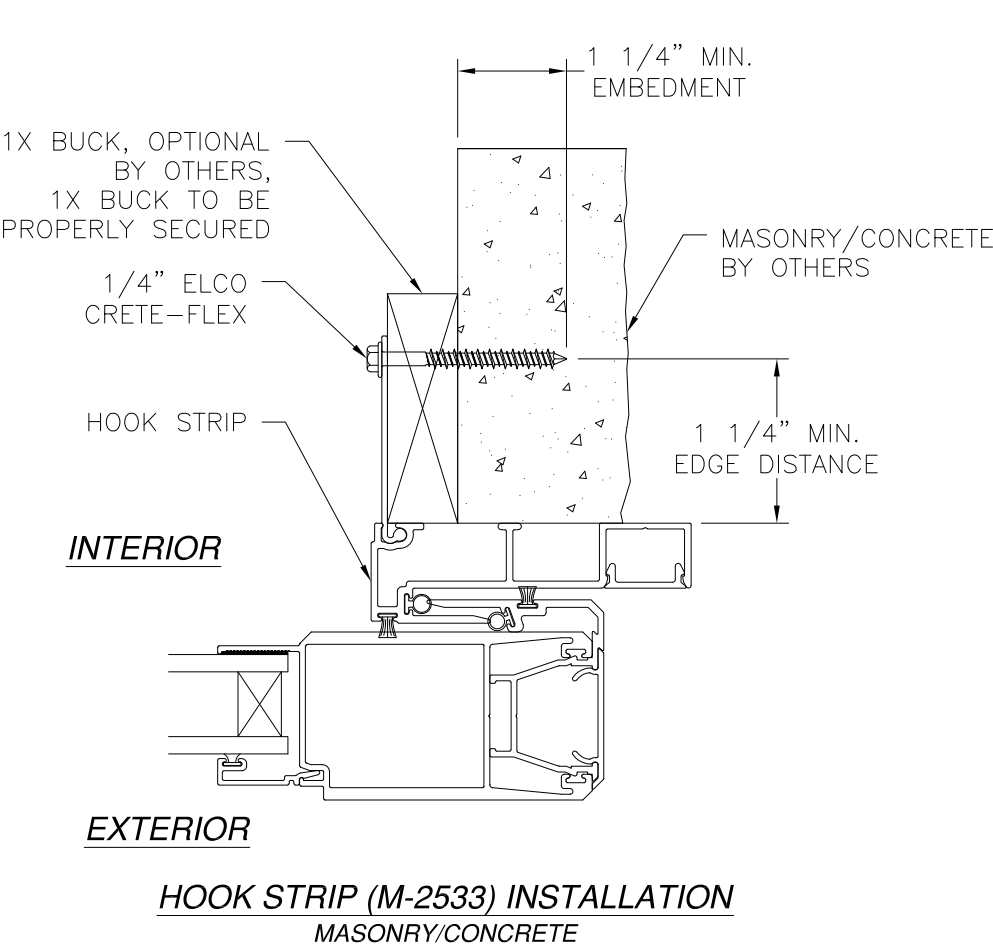
MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT HOOK INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 22 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 09/05/2023



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



SIGNED: 09/05/2023

MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
HOOK INSTALLATION DETAILS & GLAZING DETAIL

DRAWN:
A.R.

DWG NO.
08-03416

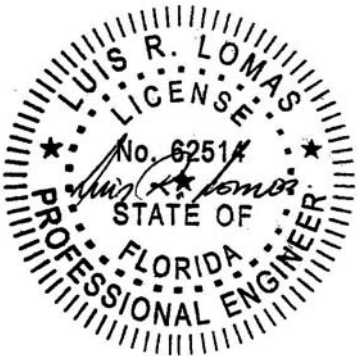
REV
A

SCALE
NTS

DATE
04/04/19

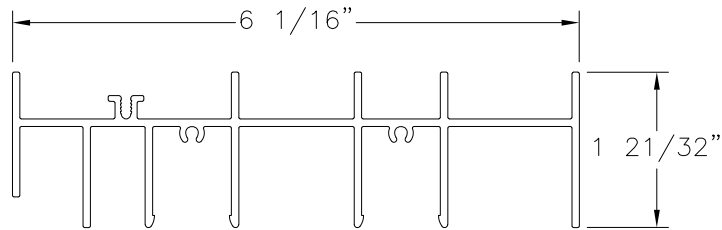
SHEET
23 OF 25

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

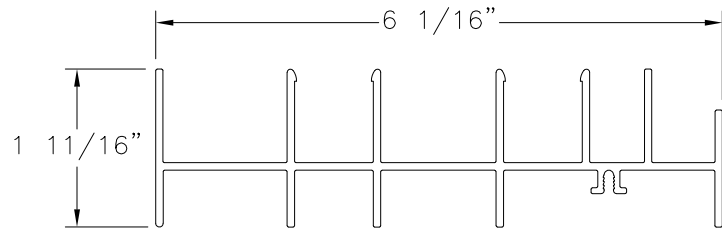


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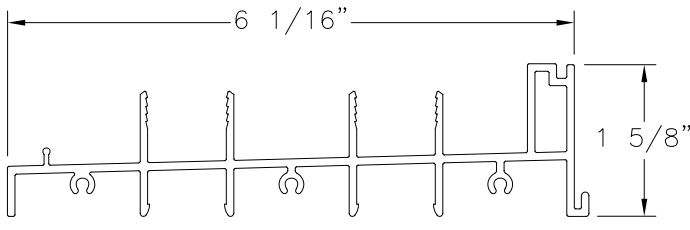
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



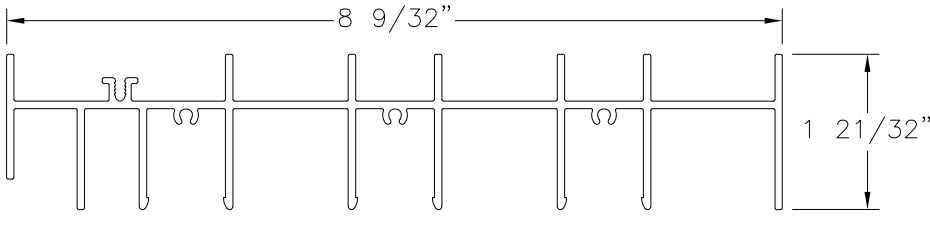
FRAME HEAD 2TRACK, FINLESS
ALUMINUM 6005-T5 (M-2525)



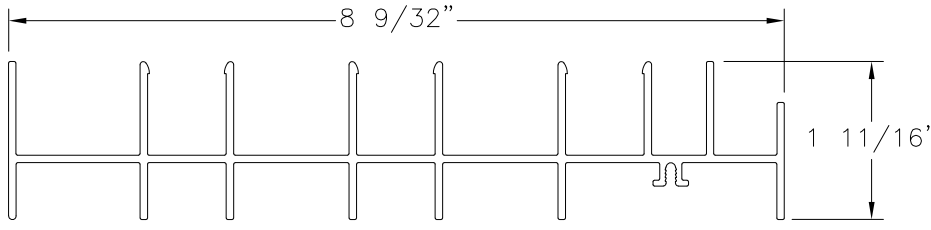
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ALUMINUM 6005-T5 (M-2528)



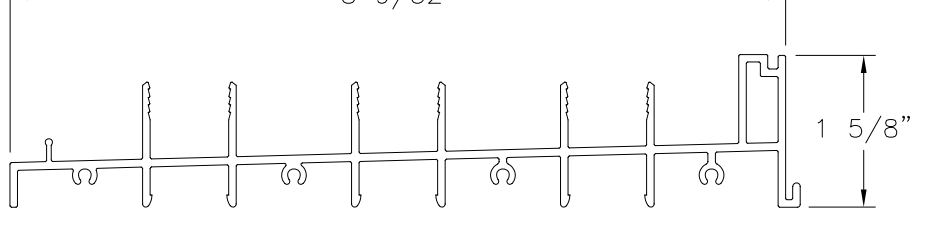
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ALUMINUM 6005-T5 (M-2527)



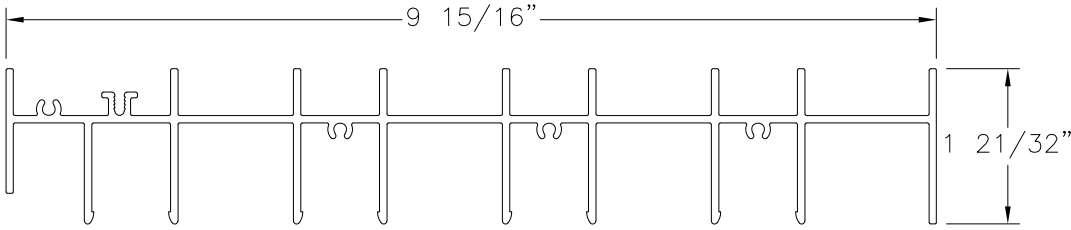
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ALUMINUM 6005-T5 (M-2525)



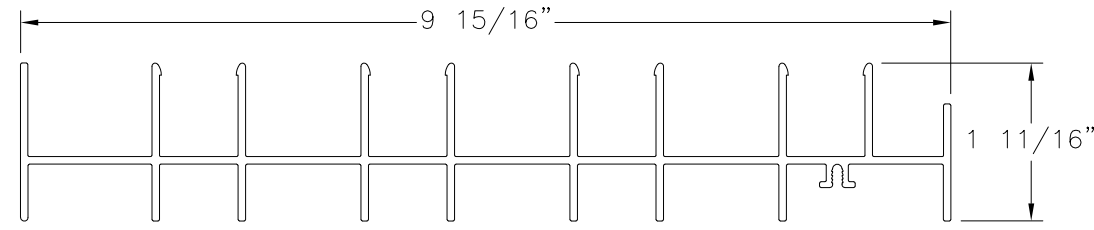
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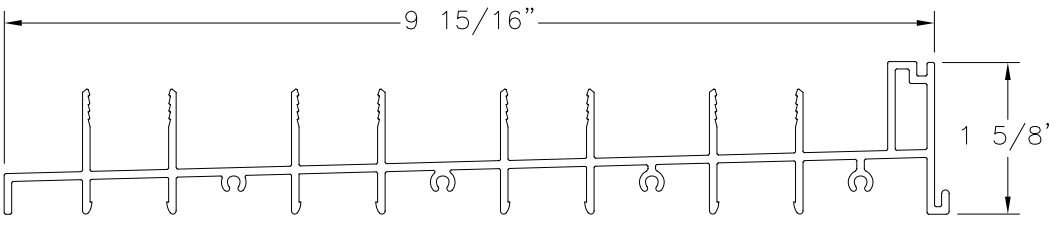
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ALUMINUM 6005-T5 (M-2527)



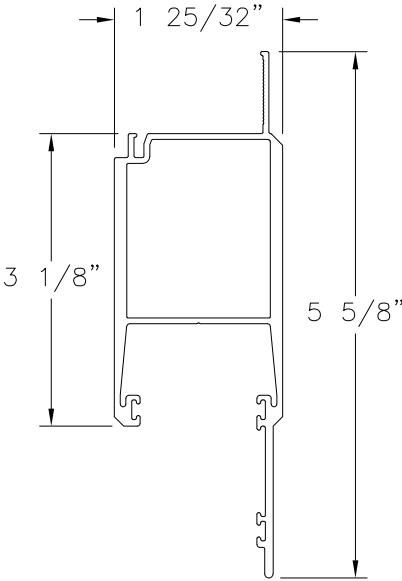
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ALUMINUM 6005-T5 (M-2525)



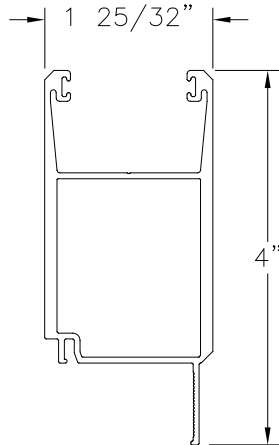
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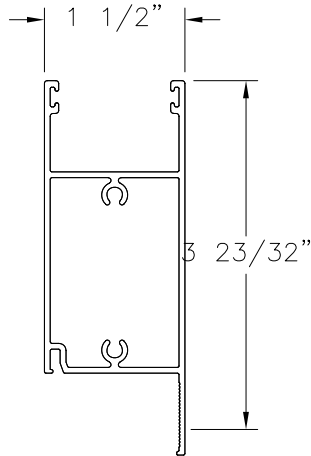
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ALUMINUM 6005-T5 (M-2527)



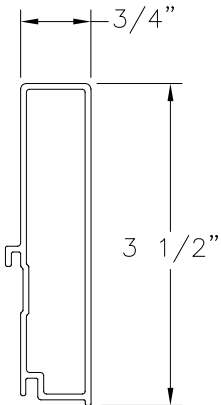
**PANEL TOP STILE,
INSIDE CORNER**
ALUMINUM 6005-T5 (M-2513)



PANEL STILE
ALUMINUM 6005-T5 (M-2502)



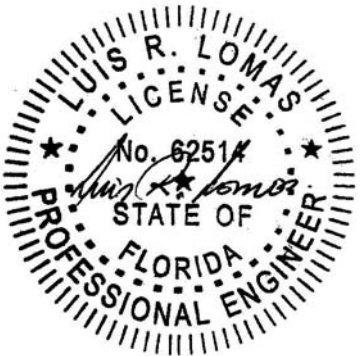
PANEL TOP RAIL
ALUMINUM 6005-T5 (M-2500)



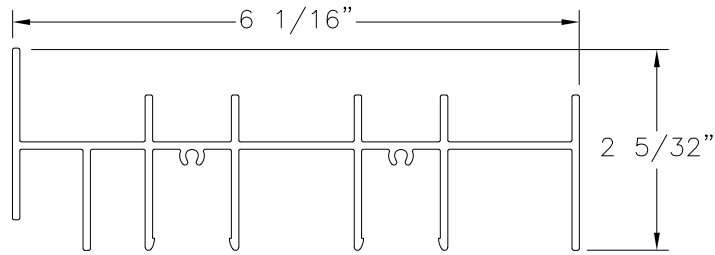
3 1/2 inch SILL EXTENDER
ALUMINUM 6063-T5 .062" THICK

SIGNED: 09/05/2023

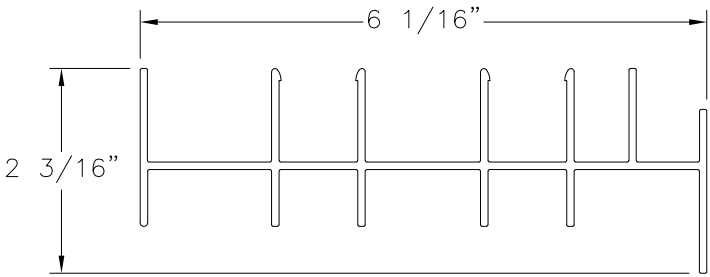
MI WINDOWS AND DOORS LLC 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 120/130/140 ALUMINUM SGD INSIDE CORNER AND POCKET, NON-IMPACT COMPONENTS		
DRAWN: A.R.	DWG NO. 08-03416	REV A
SCALE NTS	DATE 04/04/19	SHEET 24 OF 25
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



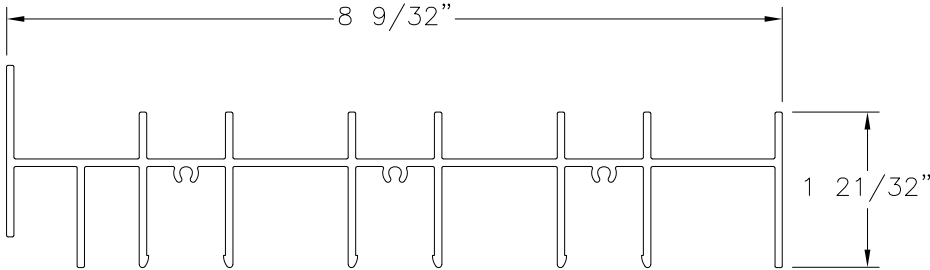
Luis R. Lomas P.E.
FL No.: 62514



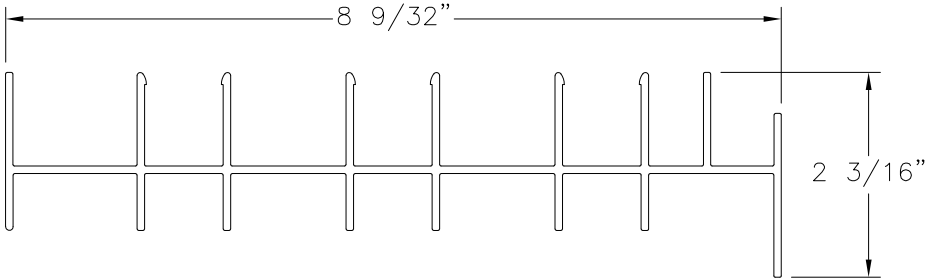
FRAME HEAD 2TRACK, FLANGE
ALUMINUM 6005-T5 (M-2526)



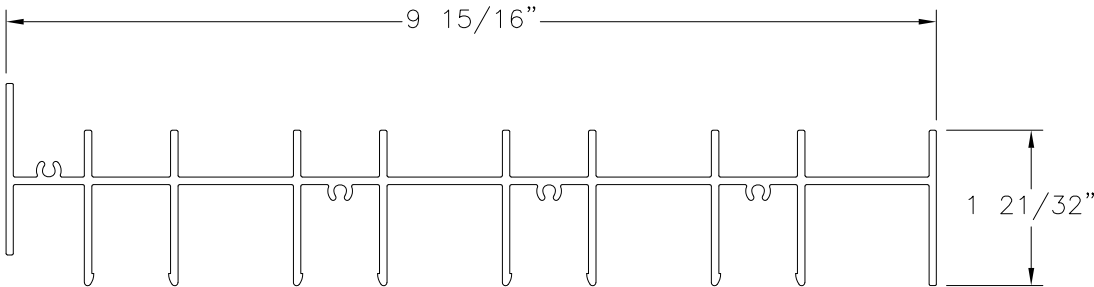
FRAME JAMB 2TRACK, FLANGE
ALUMINUM 6005-T5 (M-2529)



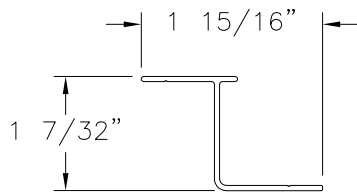
FRAME HEAD 3TRACK, FLANGE
ALUMINUM 6005-T5 (M-2526)



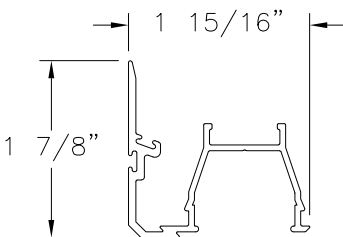
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ALUMINUM 6005-T5 (M-2529)



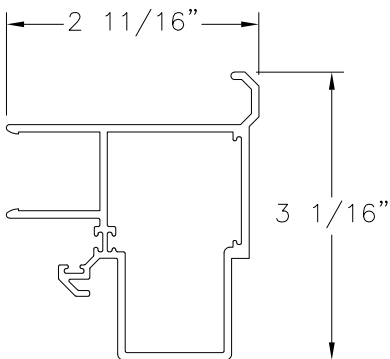
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ALUMINUM 6005-T5 (M-2526)



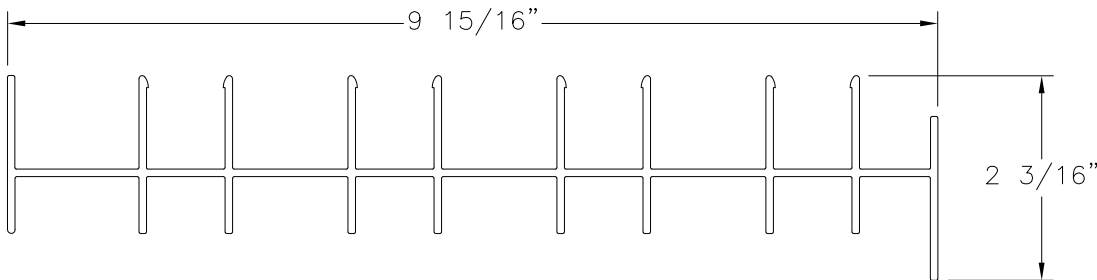
FIXED PANEL STILE RETAINER
ALUMINUM 6063-T5 (M-2519)



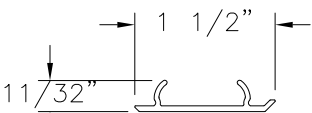
PANEL INTERLOCK
ALUMINUM 6005-T5 (M-2503)



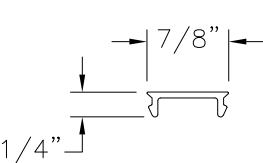
CORNER PANEL ADAPTER
ALUMINUM 6005-T5 (M-2515)



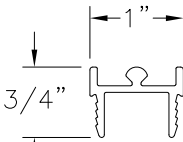
FRAME JAMB 4TRACK, FLANGE
ALUMINUM 6005-T5 (M-2529)



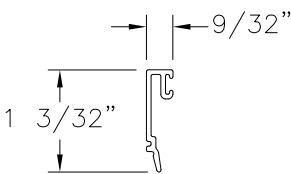
INTERLOCK COVER
ALUMINUM 6005-T5 (M-2504)



HEAD/JAMB FILLER
ALUMINUM 6063-T5 (M-2512)

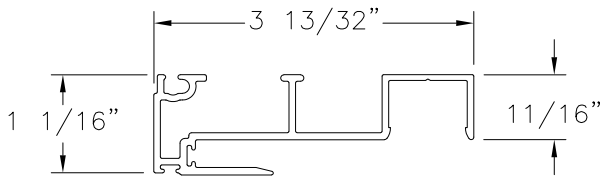


SILL SNAP-IN ROLLER TRACK
ALUMINUM 6063-T5 (M-2511)

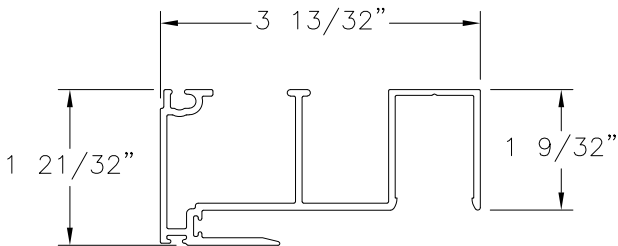


GLAZING BEAD
ALUMINUM 6063-T5 (M-2505)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	09/05/2023	R.L.



**POCKET HOOK STRIP
WITHOUT OPTIONAL RISER**
ALUMINUM 6063-T5 (M-2533)



**POCKET HOOK STRIP
WITH OPTIONAL RISER**
ALUMINUM 6063-T5 (M-2534)

SIGNED: 09/05/2023

MI WINDOWS AND DOORS LLC
650 WEST MARKET STREET
GRATZ, PA 17030

SERIES 120/130/140 ALUMINUM SGD
INSIDE CORNER AND POCKET, NON-IMPACT
COMPONENTS

DRAWN:
A.R.

DWG NO.
08-03416

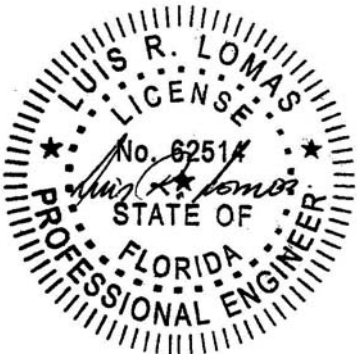
REV
A

SCALE NTS

DATE 04/04/19

SHEET 25 OF 25

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
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