

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED ANCHOR SPACING & CHARTS	07/11/16	R.L.
B	REVISED GLASS	10/03/17	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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. 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.
5. 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.
6. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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".
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T5.
12. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 14 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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: HOLLOW/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 .048" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 - 4	ELEVATIONS
4 - 13	INSTALLATION DETAILS
14	COMPONENTS

MI WINDOWS AND DOORS, LLC

650 WEST MARKET STREET

GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW

106" X 72" NON-IMPACT

NOTES

DRAWN:

N.G.

DWG NO.

08-02547

REV

B

SCALE

NTS

DATE

12/09/14

SHEET

1

OF

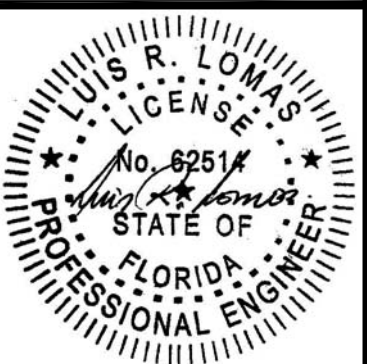
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L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

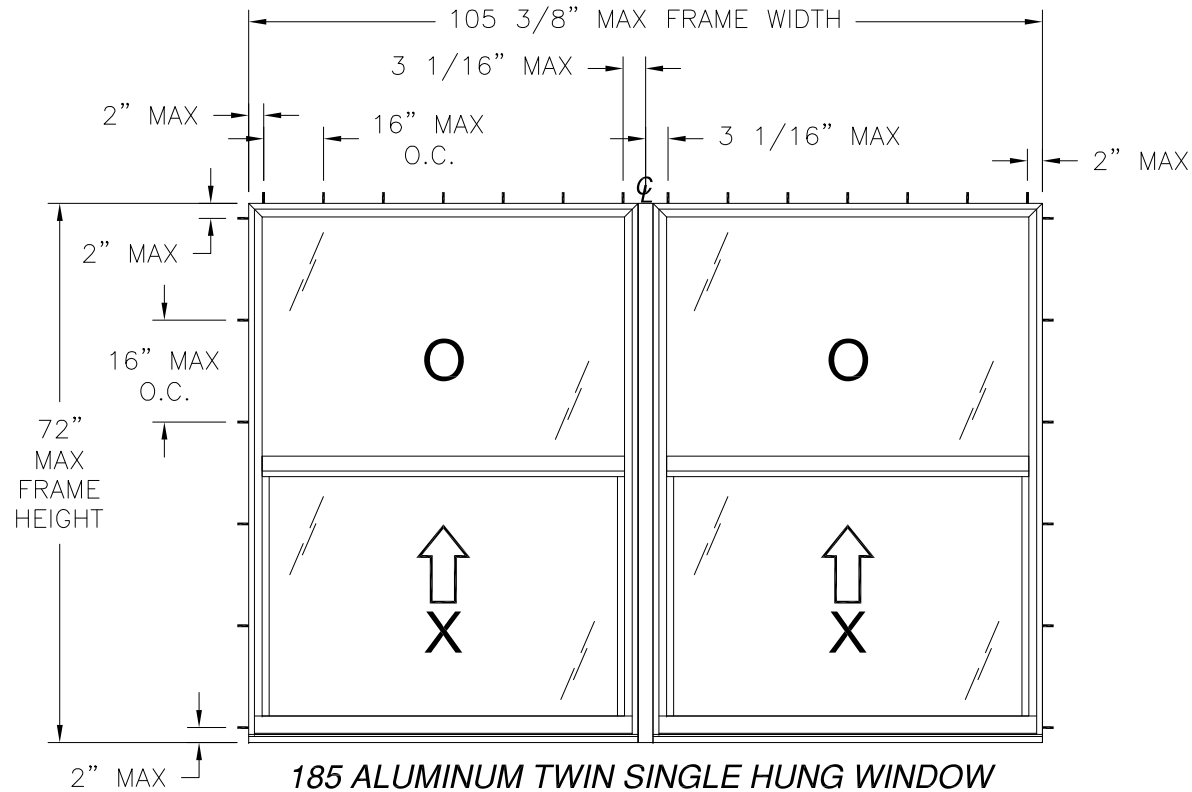
434-688-0609 rllomas@lrlomaspe.com

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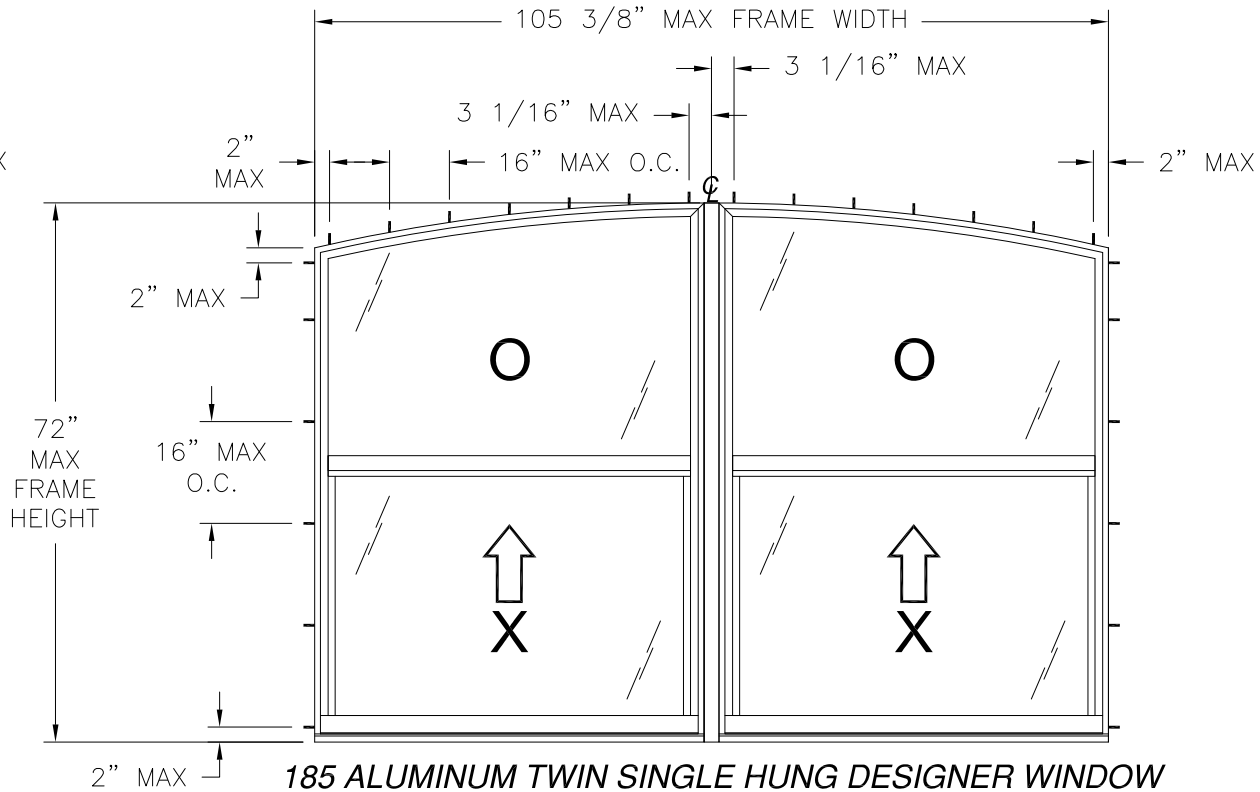


Luis R. Lomas P.E.
FL No.: 62514

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B	REVISED GLASS	10/03/17	R.L.



185 ALUMINUM TWIN SINGLE HUNG WINDOW
EXTERIOR VIEW
FLANGE & FINLESS INSTALLATION
WITHOUT FILLERS
SEE CHART #1 FOR SMALLER UNITS REQUIRED ANCHORS



185 ALUMINUM TWIN SINGLE HUNG DESIGNER WINDOW
EXTERIOR VIEW
FLANGE & FINLESS INSTALLATION
WITHOUT FILLERS
SEE CHART #1 FOR SMALLER UNITS REQUIRED ANCHORS

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

CHART #1 UNITS INSTALLED WITHOUT FILLERS

Number of anchor locations required										
Frame Height (in)	Frame Width (in)									
	37.38		52.13		60.13		73.13		105.38	
	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
24.00	4	3	6	3	6	3	6	3	8	3
30.00	4	3	6	3	6	3	6	3	8	3
36.00	4	3	6	3	6	3	6	3	8	3
42.00	4	4	6	4	6	4	6	4	10	4
48.00	4	4	6	4	6	4	6	4	10	4
54.00	4	5	6	5	6	5	8	5	12	5
60.00	4	5	6	5	6	5	8	5	12	5
66.00	4	5	6	5	6	5	8	5	12	5
72.00	4	6	6	6	8	6	8	6	14	6

HARDWARE SCHEDULE	
A.	(2) METAL SWEEP LOCK AT 8" FROM EACH END INTERIOR MEETING RAIL
B.	(2) BLOCK AND TACKLE BALANCE AT JAMBS
C.	(1) FLANGE VERTICAL MULLION (SECT 5764)
D.	(1) FIN VERTICAL MULLION (CM-18514)

- NOTES:
1. MAXIMUM SASH SIZE: 50 1/2" X 36".
 2. MAXIMUM SASH D.L.O.: 47 5/8" X 31 7/8".
 3. MAXIMUM FIXED D.L.O.: 49 5/16" X 32 7/8".

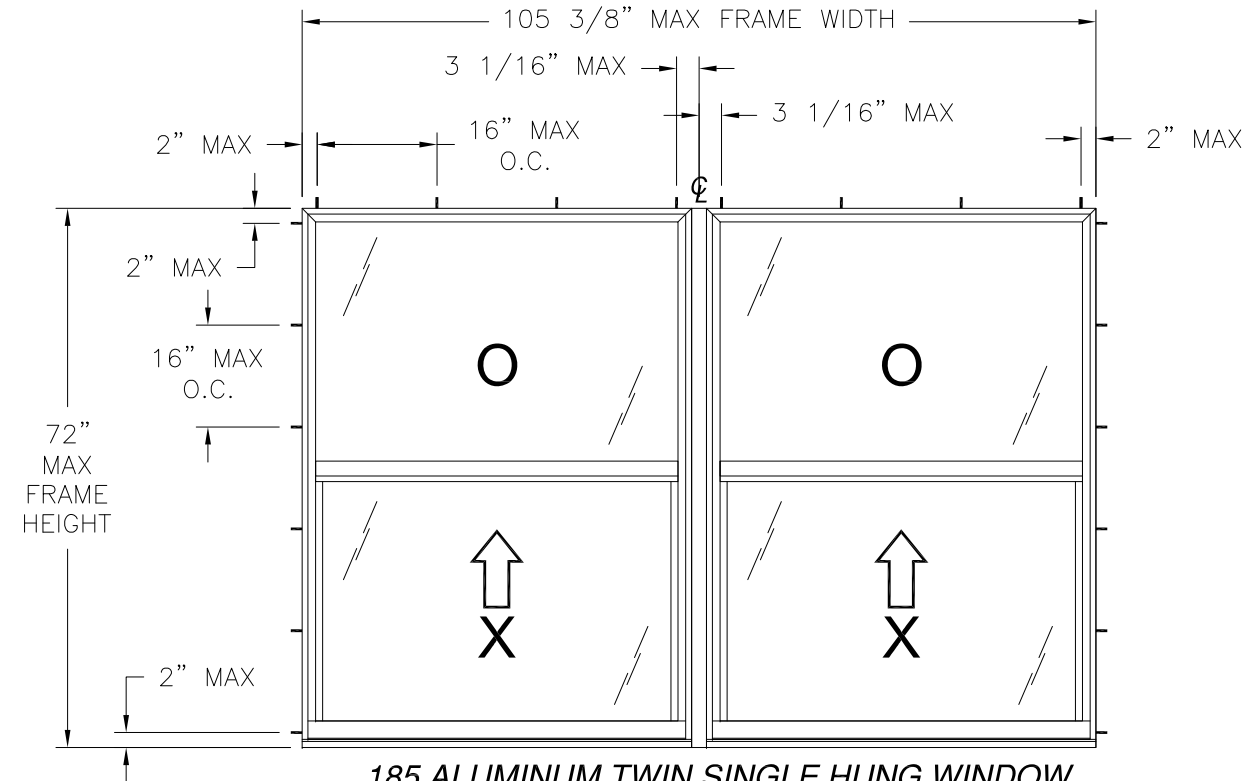
MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW 106" X 72" NON-IMPACT FLANGE & FINLESS ELEVATION		
DRAWN: N.G.	DWG NO. 08-02547	REV B
SCALE NTS	DATE 12/09/14	SHEET 2 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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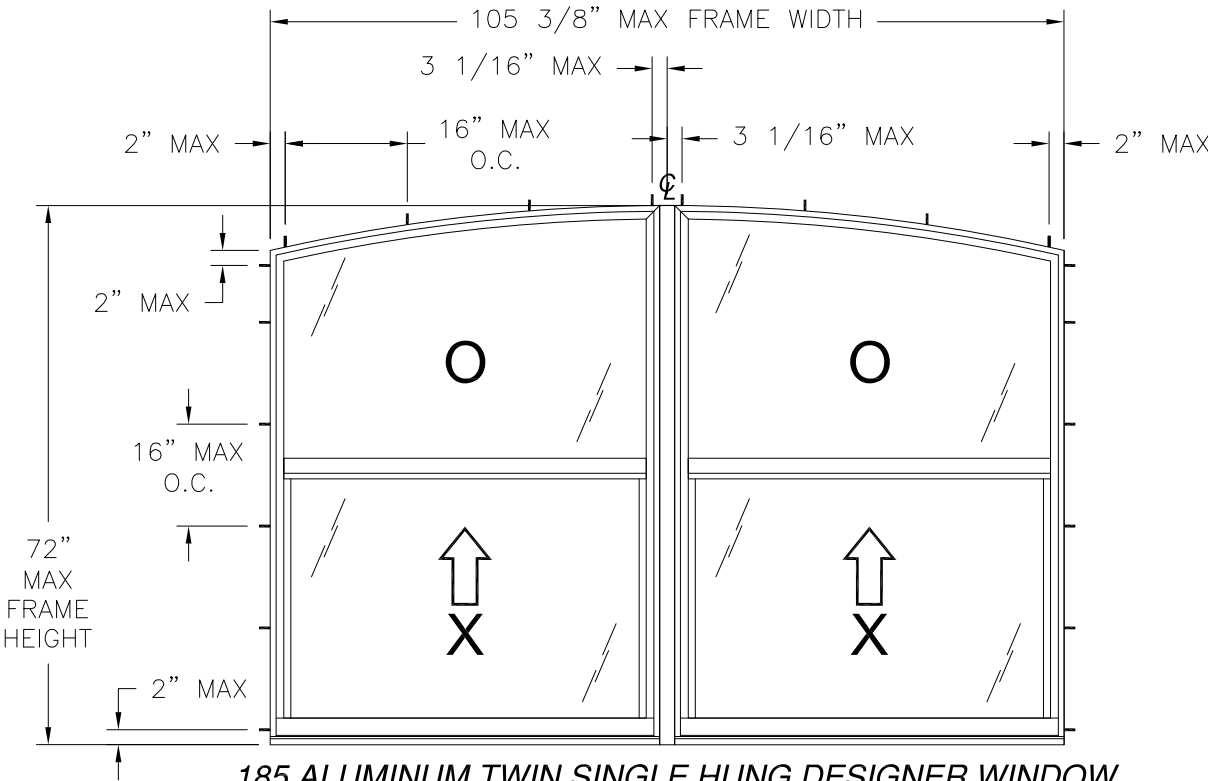


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185 ALUMINUM TWIN SINGLE HUNG WINDOW
EXTERIOR VIEW
FLANGE & FINLESS INSTALLATION
WITH FILLERS
SEE CHART #2 SHEET 3 FOR SMALLER UNITS REQUIRED ANCHORS



185 ALUMINUM TWIN SINGLE HUNG DESIGNER WINDOW
EXTERIOR VIEW
FLANGE & FINLESS INSTALLATION
WITH FILLERS
SEE CHART #2 SHEET 3 FOR SMALLER UNITS REQUIRED ANCHORS

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

CHART #2 UNITS INSTALLED WITH FILLERS

Number of anchor locations required										
Frame Height (in)	Frame Width (in)									
	37.38		52.13		60.13		73.13		105.38	
	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb	Head	Jamb
24.00	4	3	6	3	6	3	6	3	8	3
30.00	4	3	6	3	6	3	6	3	8	3
36.00	4	3	6	3	6	3	6	3	8	3
42.00	4	4	6	4	6	4	6	4	8	4
48.00	4	4	6	4	6	4	6	4	8	4
54.00	4	5	6	5	6	5	6	5	8	5
60.00	4	5	6	5	6	5	6	5	8	5
66.00	4	5	6	5	6	5	6	5	8	5
72.00	4	6	6	6	6	6	6	6	8	6

HARDWARE SCHEDULE

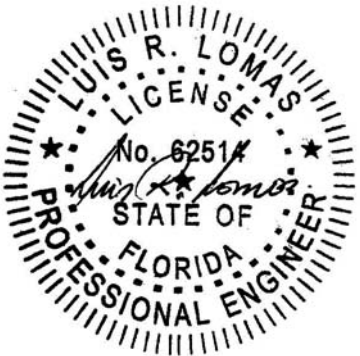
A.	(2) METAL SWEEP LOCK AT 8" FROM EACH END INTERIOR MEETING RAIL
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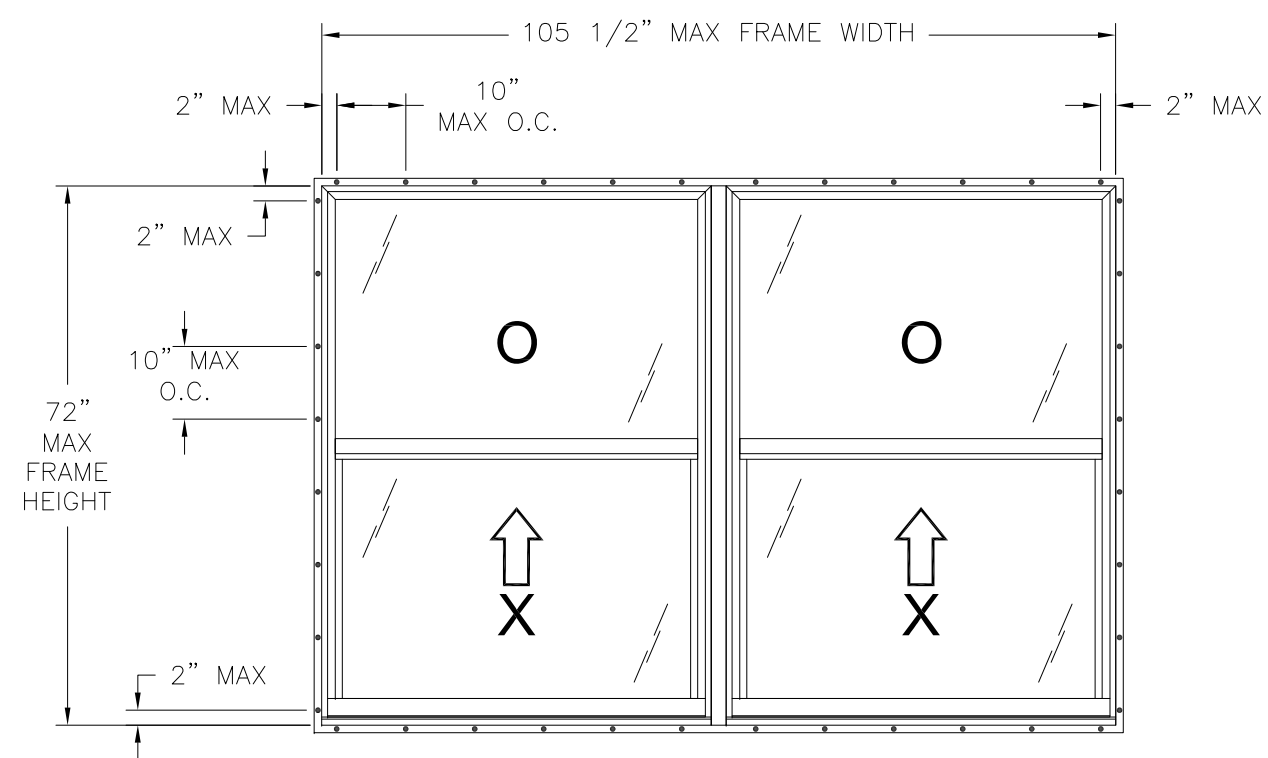
MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW 106" X 72" NON-IMPACT FLANGE & FINLESS ELEVATION		
DRAWN: N.G.	DWG NO. 08-02547	REV B
SCALE NTS	DATE 12/09/14	SHEET 3 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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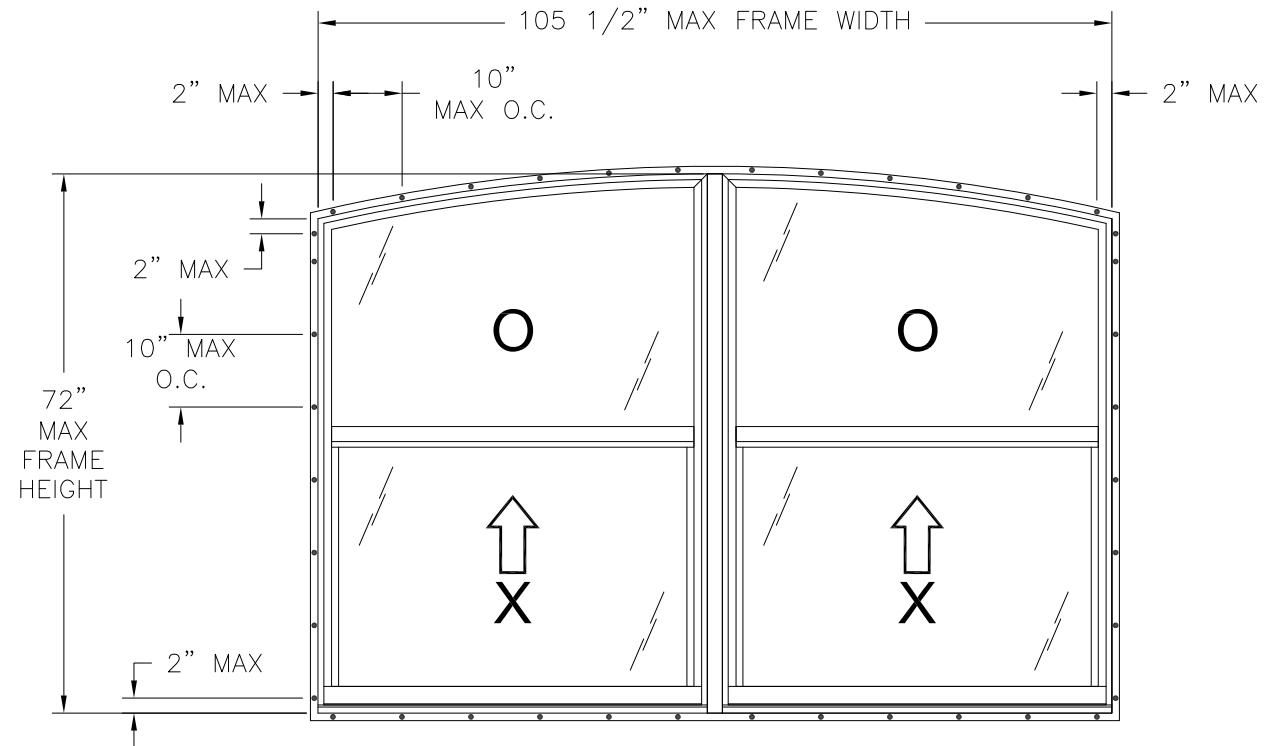


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185 ALUMINUM TWIN SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION
SEE CHART #3 FOR SMALLER UNITS REQUIRED ANCHORS



185 ALUMINUM TWIN SINGLE HUNG DESIGNER WINDOW
EXTERIOR VIEW
FIN INSTALLATION
SEE CHART #3 FOR SMALLER UNITS REQUIRED ANCHORS

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

CHART #3

Number of anchor locations required										
Frame Height (in)	Frame Width (in)									
	37.38		52.13		60.13		73.13		105.38	
	H & S	Jamb	H & S	Jamb	H & S	Jamb	H & S	Jamb	H & S	Jamb
24.00	5	3	6	3	7	3	8	3	12	3
30.00	5	4	6	4	7	4	8	4	12	4
36.00	5	5	6	5	7	5	8	5	12	5
42.00	5	5	6	5	7	5	8	5	12	5
48.00	5	6	6	6	7	6	8	6	12	6
54.00	5	6	6	6	7	6	8	6	12	6
60.00	5	7	6	7	7	7	8	7	12	7
66.00	5	8	6	8	7	8	8	8	12	8
72.00	5	8	6	8	7	8	8	8	12	8

HARDWARE SCHEDULE

A.	(2) METAL SWEEP LOCK AT 8" FROM EACH END INTERIOR MEETING RAIL
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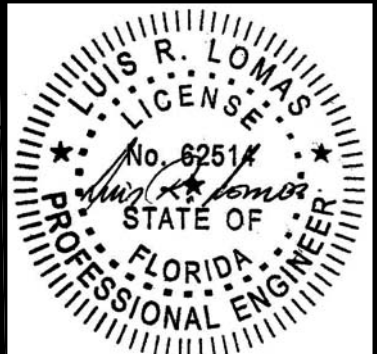
MI WINDOWS AND DOORS, LLC
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT
FIN ELEVATION

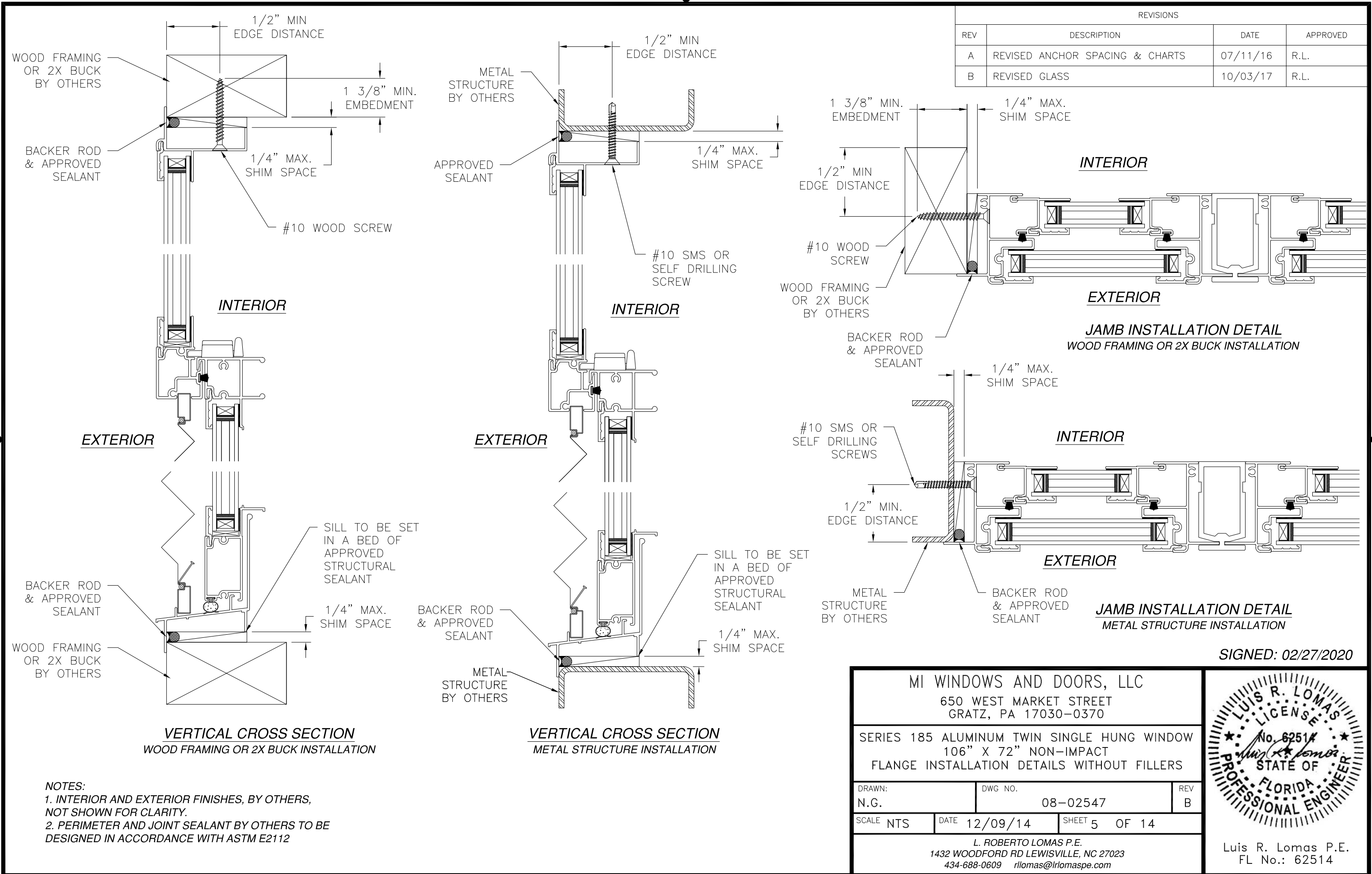
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SCALE NTS	DATE 12/09/14	SHEET 4 OF 14

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650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT
FLANGE INSTALLATION DETAILS WITHOUT FILLERS

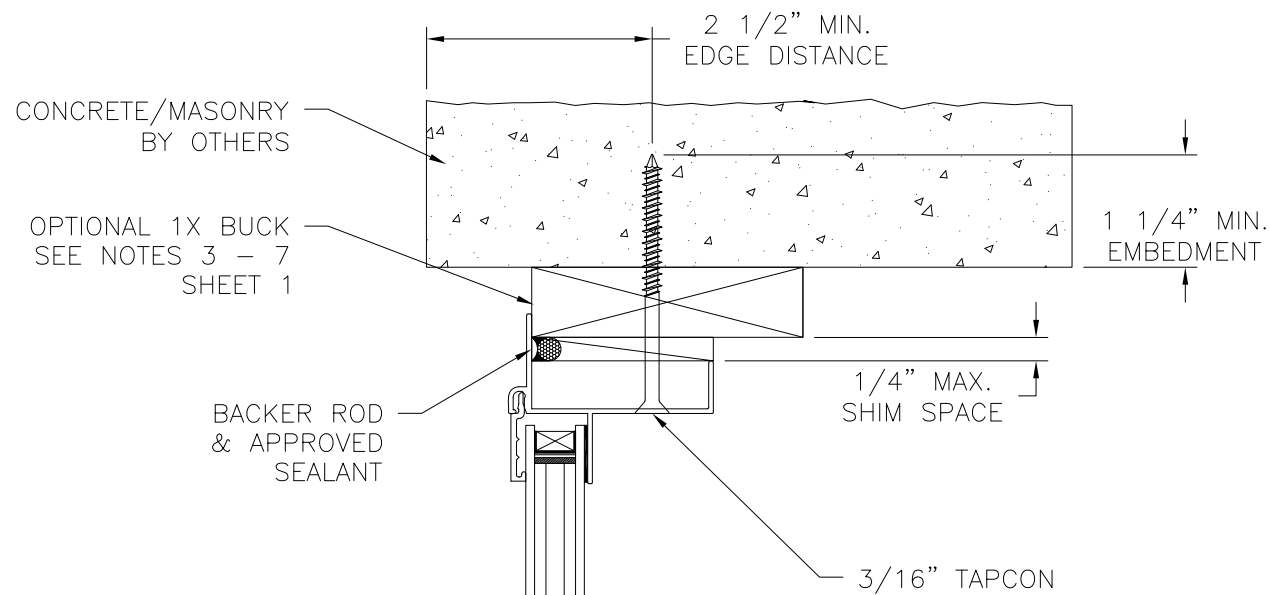
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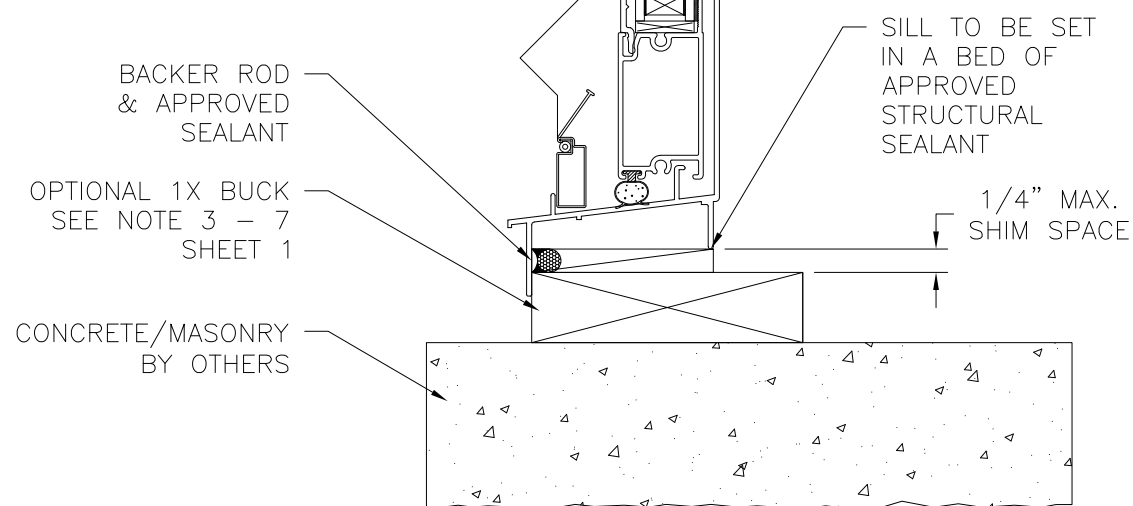
LUIS R. LOMAS
P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



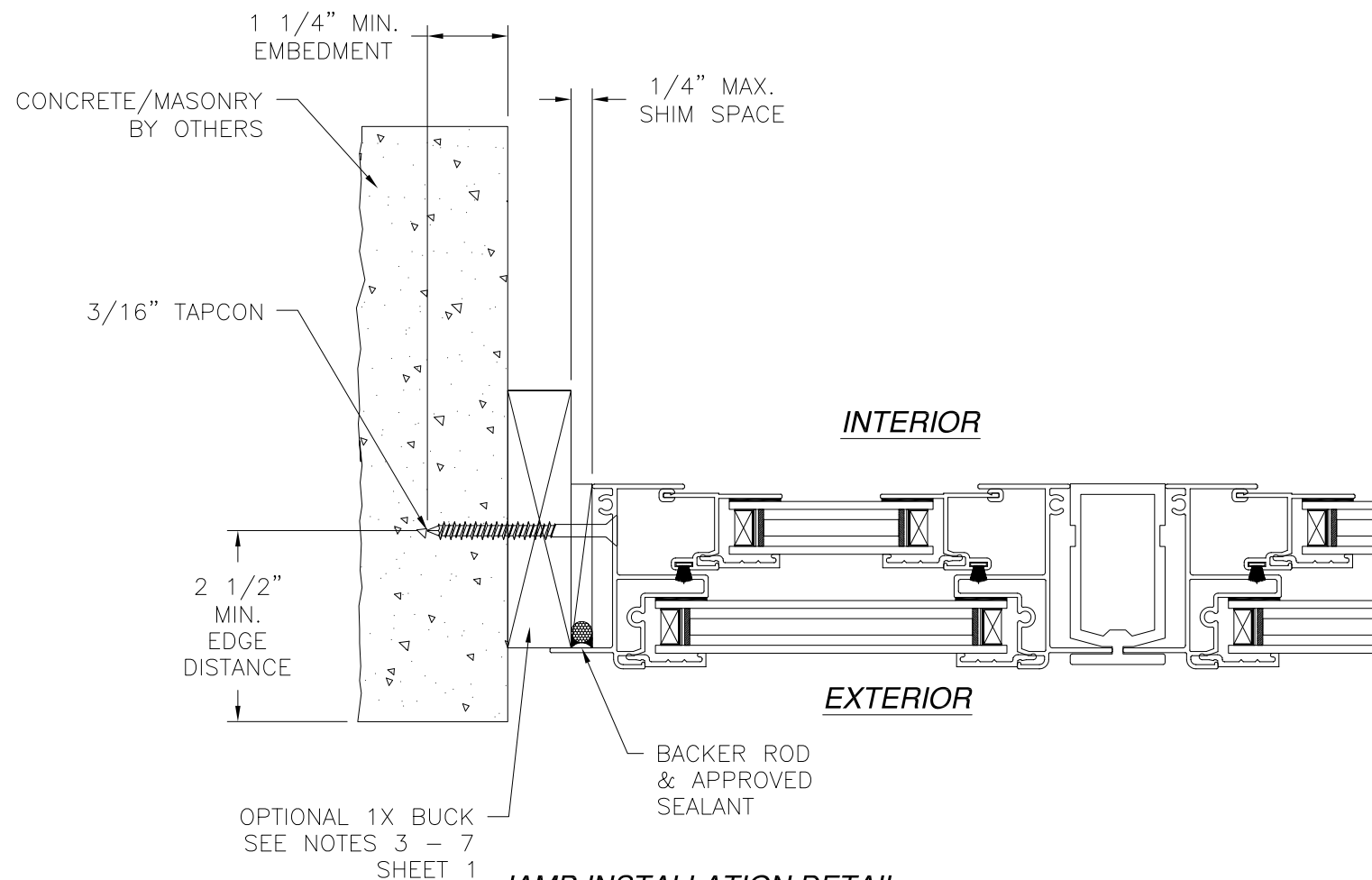
INTERIOR

EXTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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

SIGNED: 02/27/2020

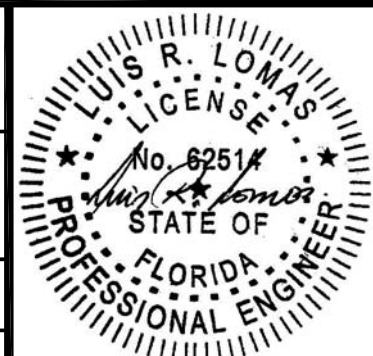
MI WINDOWS AND DOORS, LLC

650 WEST MARKET STREET
GRATZ, PA 17030-0370

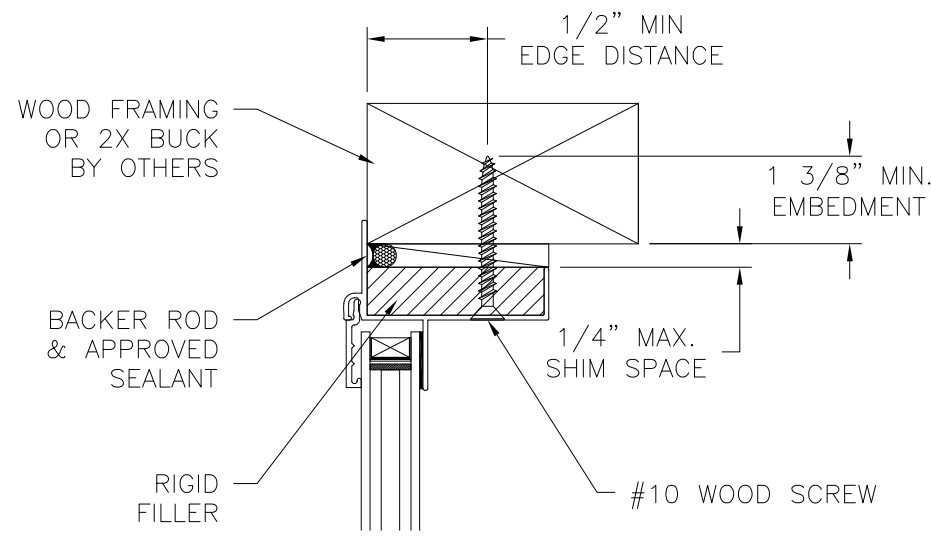
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106" X 72" NON-IMPACT
FLANGE INSTALLATION DETAILS WITHOUT FILLER

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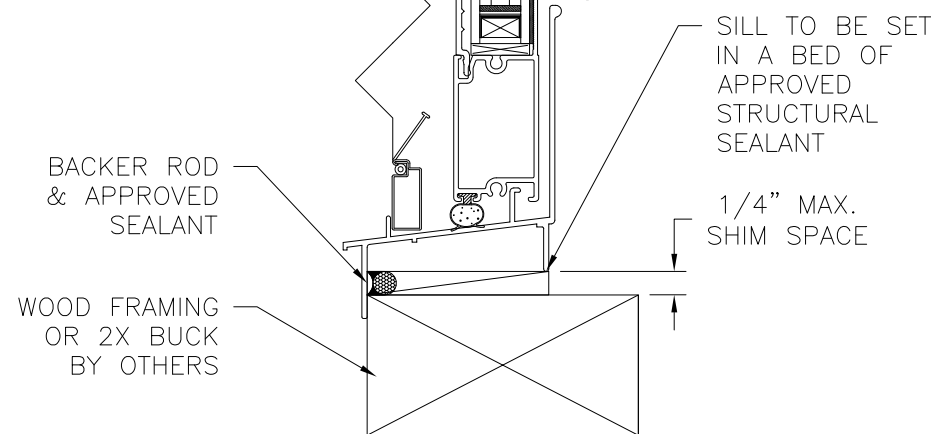


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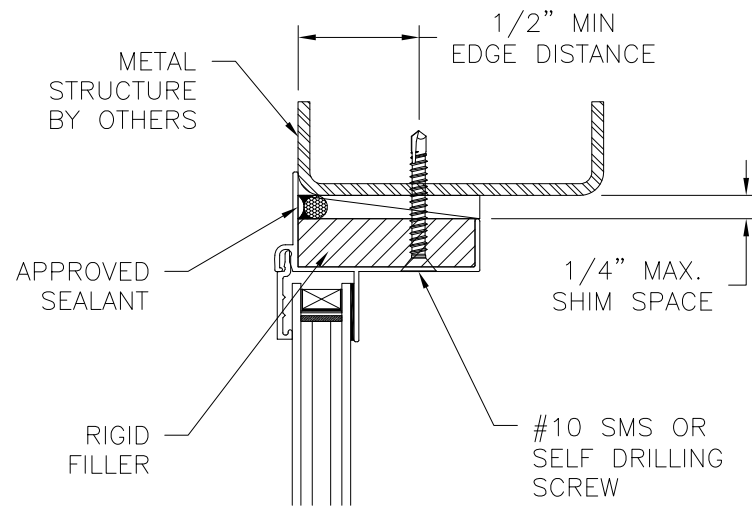
INTERIOR

EXTERIOR



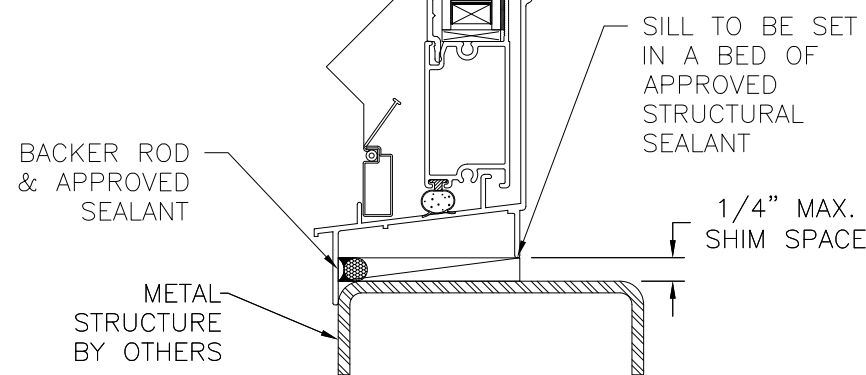
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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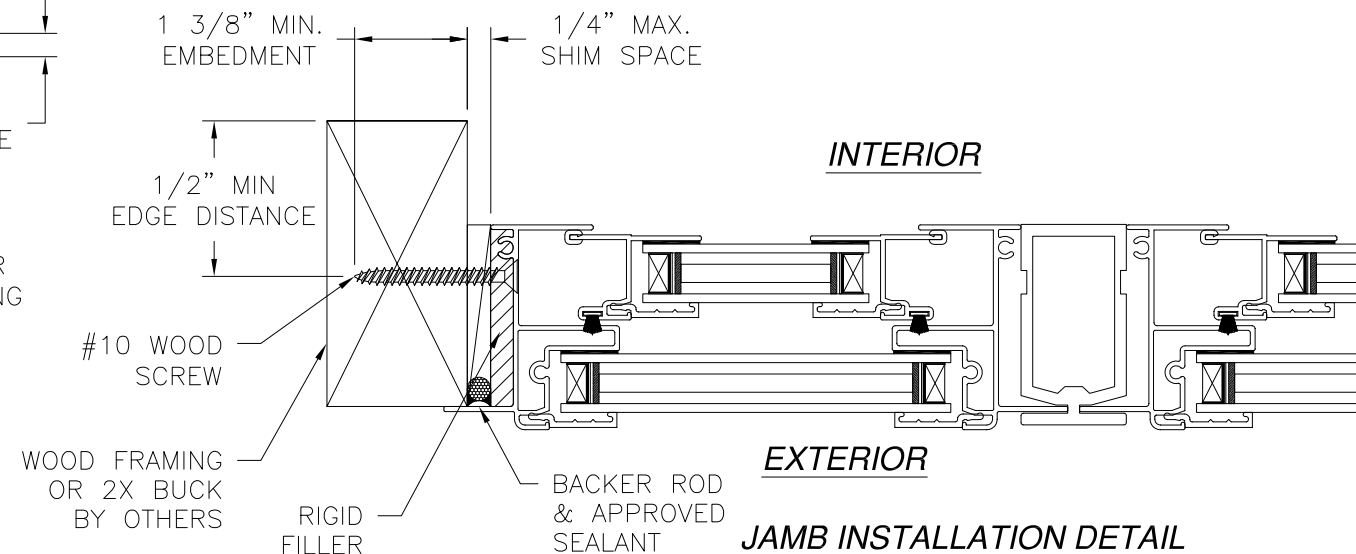
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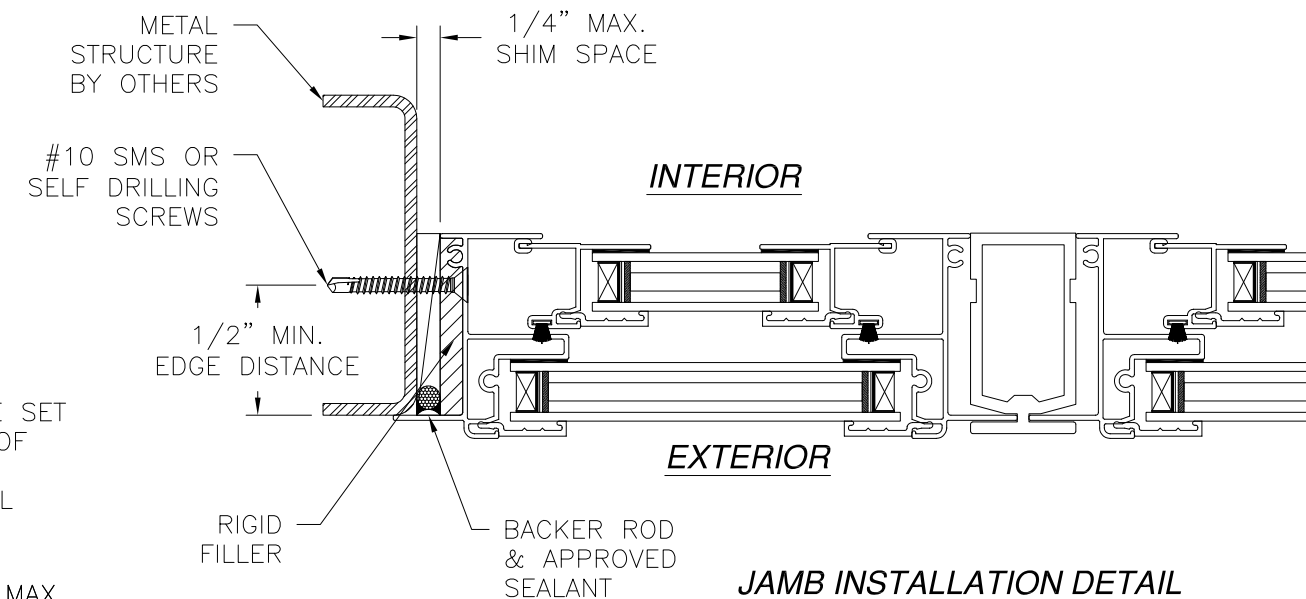


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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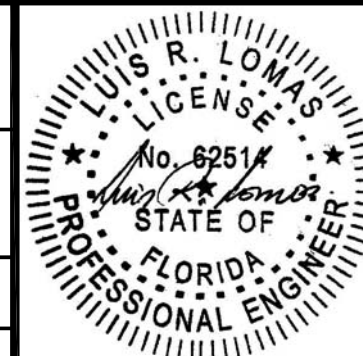
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



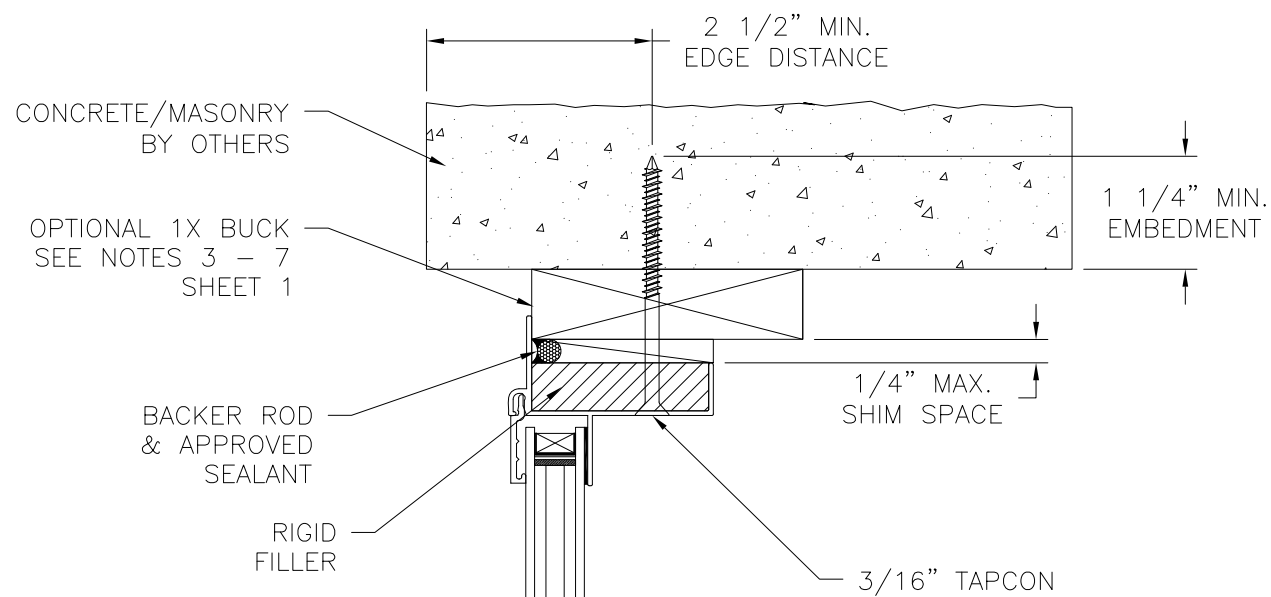
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW 106" X 72" NON-IMPACT FLANGE INSTALLATION DETAILS WITH FILLERS		
DRAWN: N.G.	DWG NO. 08-02547	REV B
SCALE NTS	DATE 12/09/14	SHEET 7 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

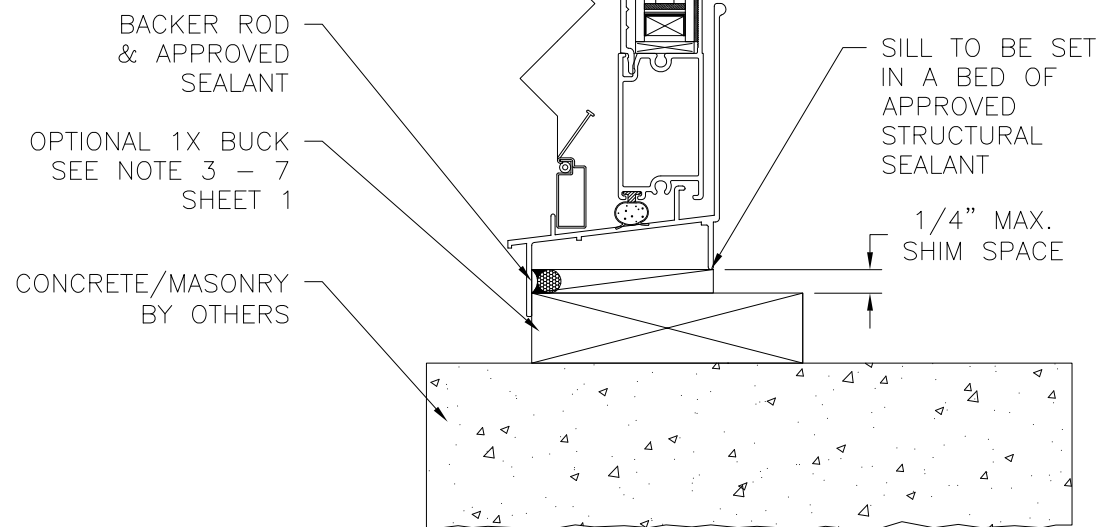


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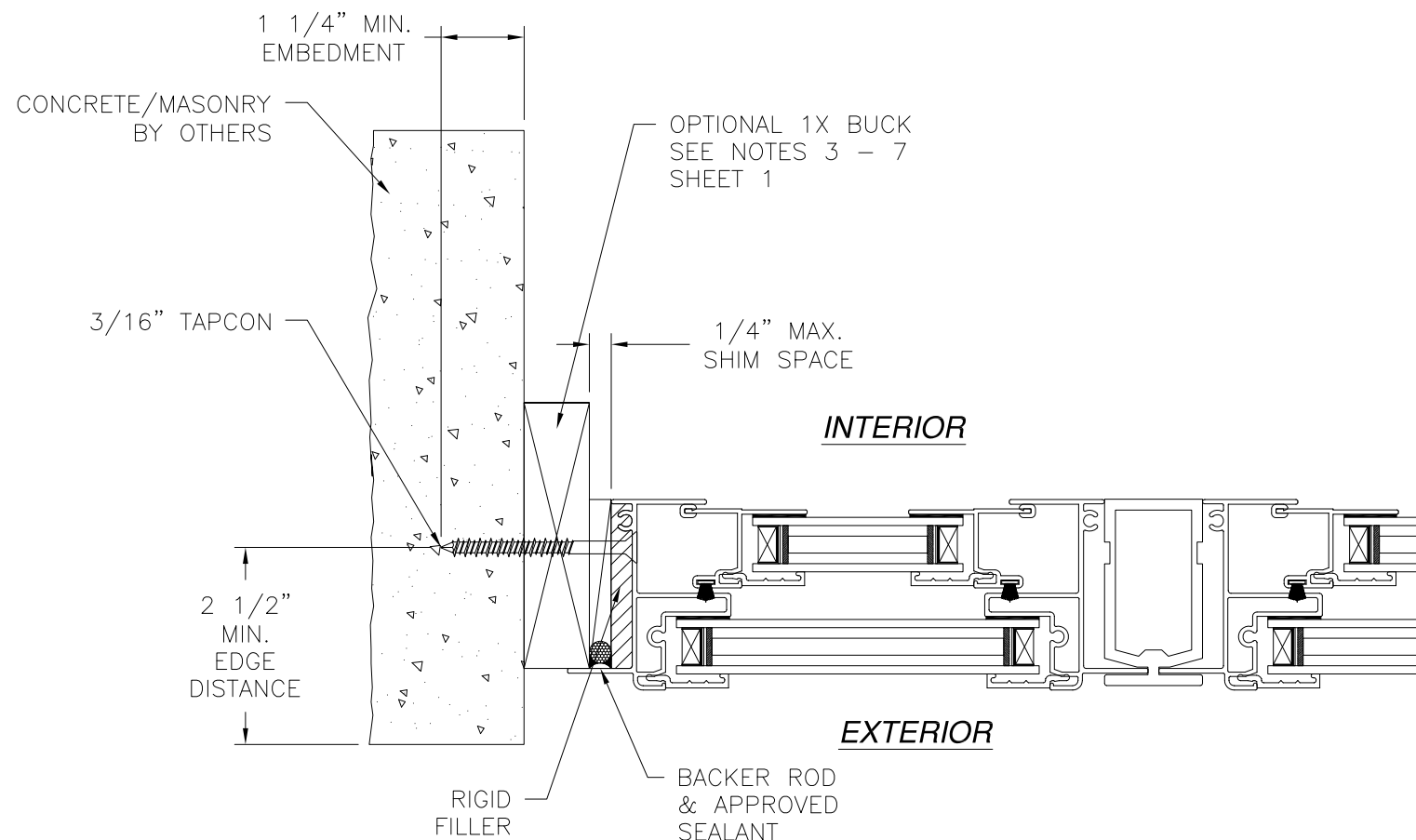
INTERIOR

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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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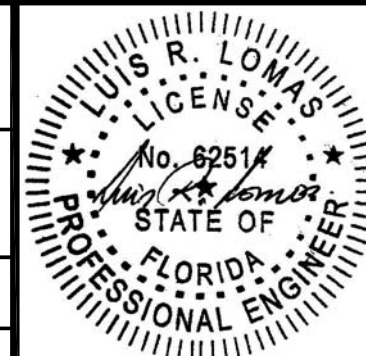
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650 WEST MARKET STREET
GRATZ, PA 17030-0370

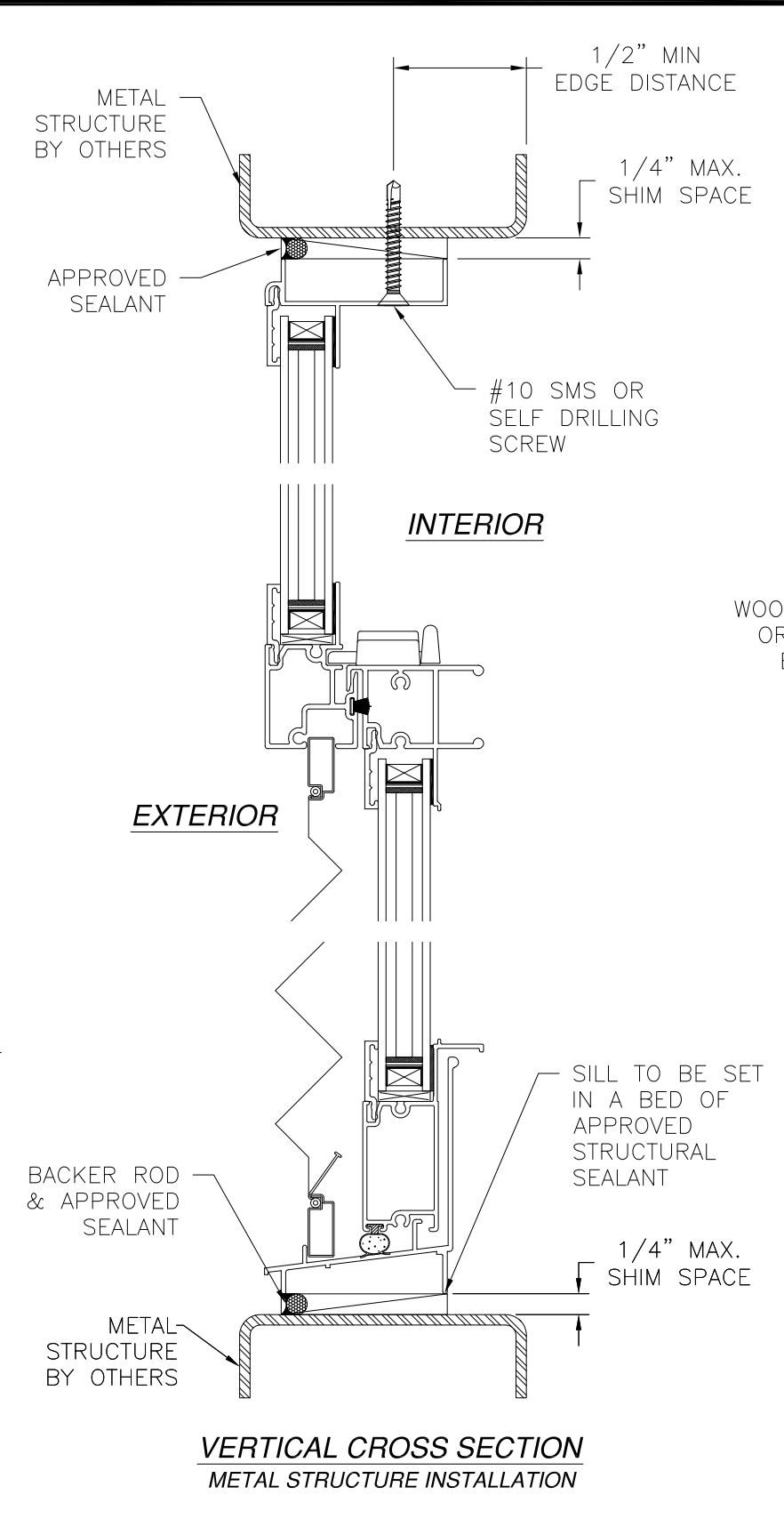
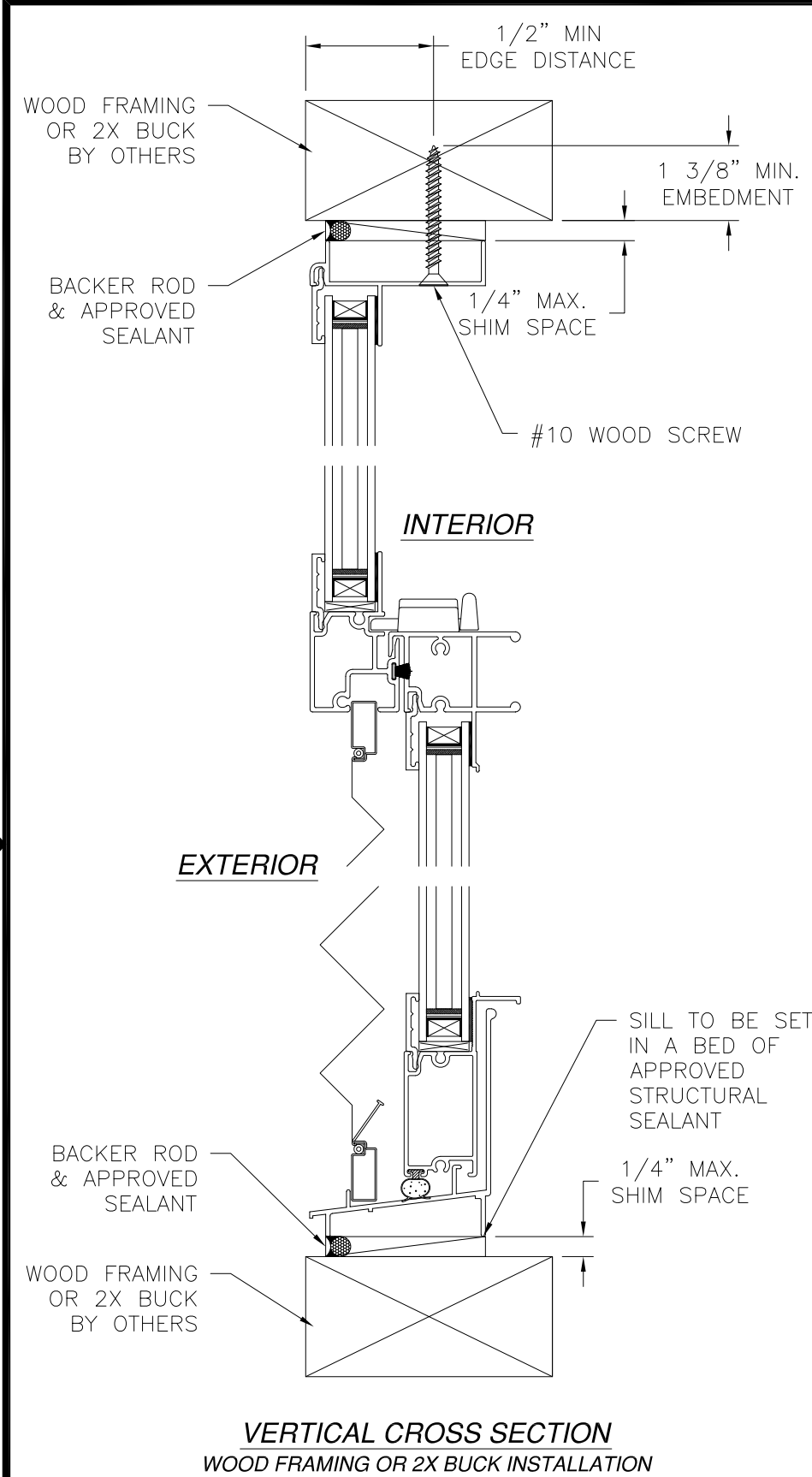
SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT
FLANGE INSTALLATION DETAILS WITH FILLER

DRAWN: N.G.	DWG NO. 08-02547	REV B
SCALE NTS	DATE 12/09/14	SHEET 8 OF 14

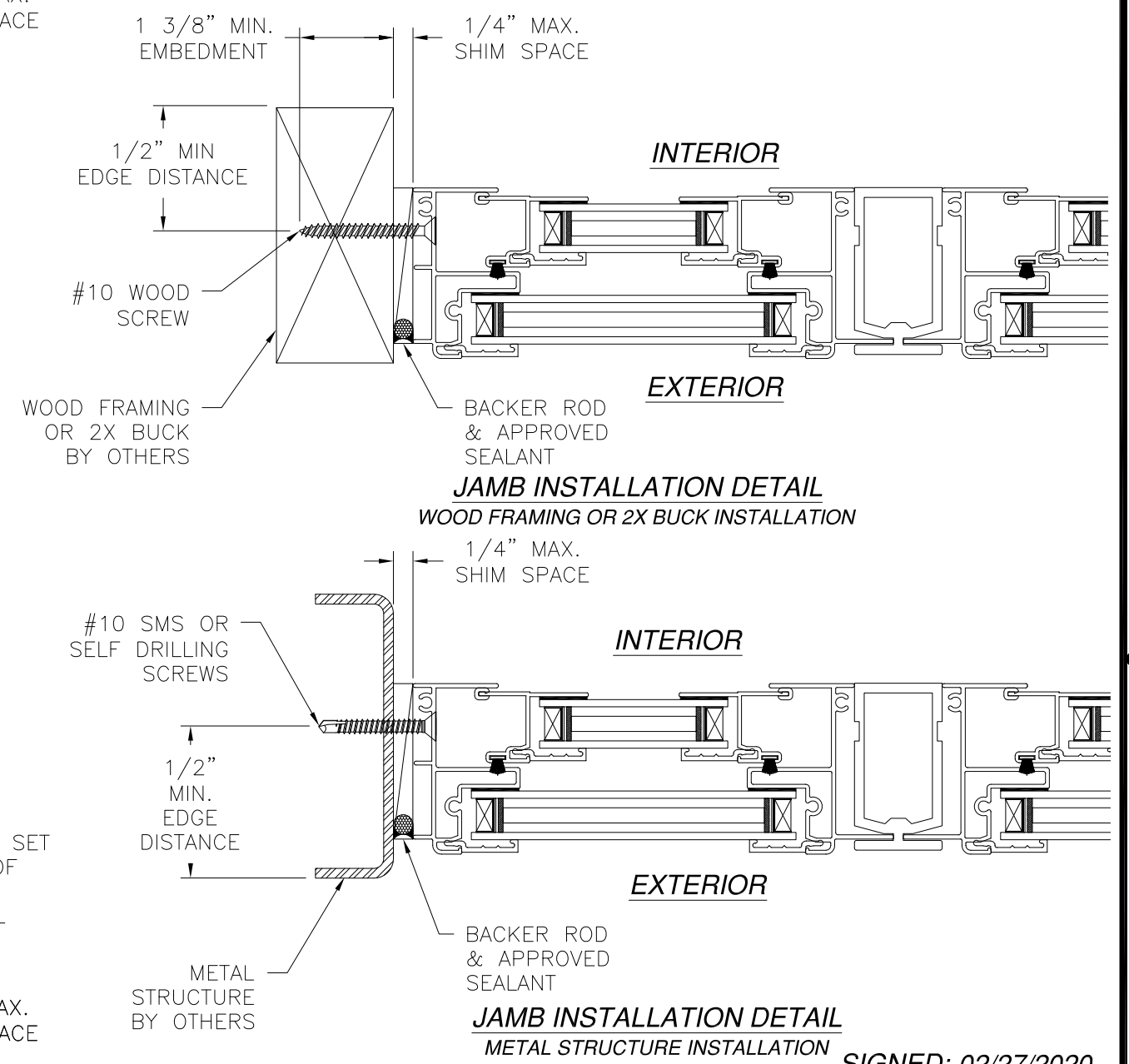
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A	REVISED ANCHOR SPACING & CHARTS	07/11/16	R.L.
B	REVISED GLASS	10/03/17	R.L.



SIGNED: 02/27/2020

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

MI WINDOWS AND DOORS, LLC
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT
FINLESS INSTALLATION DETAILS WITHOUT FILLERS

DRAWN:
N.G.

DWG NO.
08-02547

REV
B

SCALE
NTS

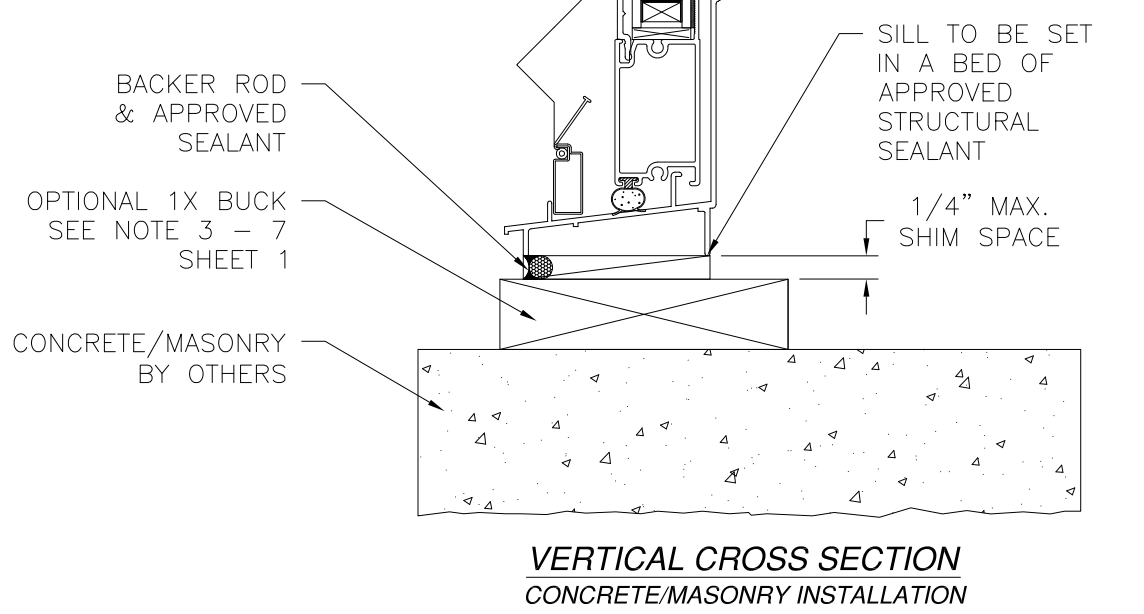
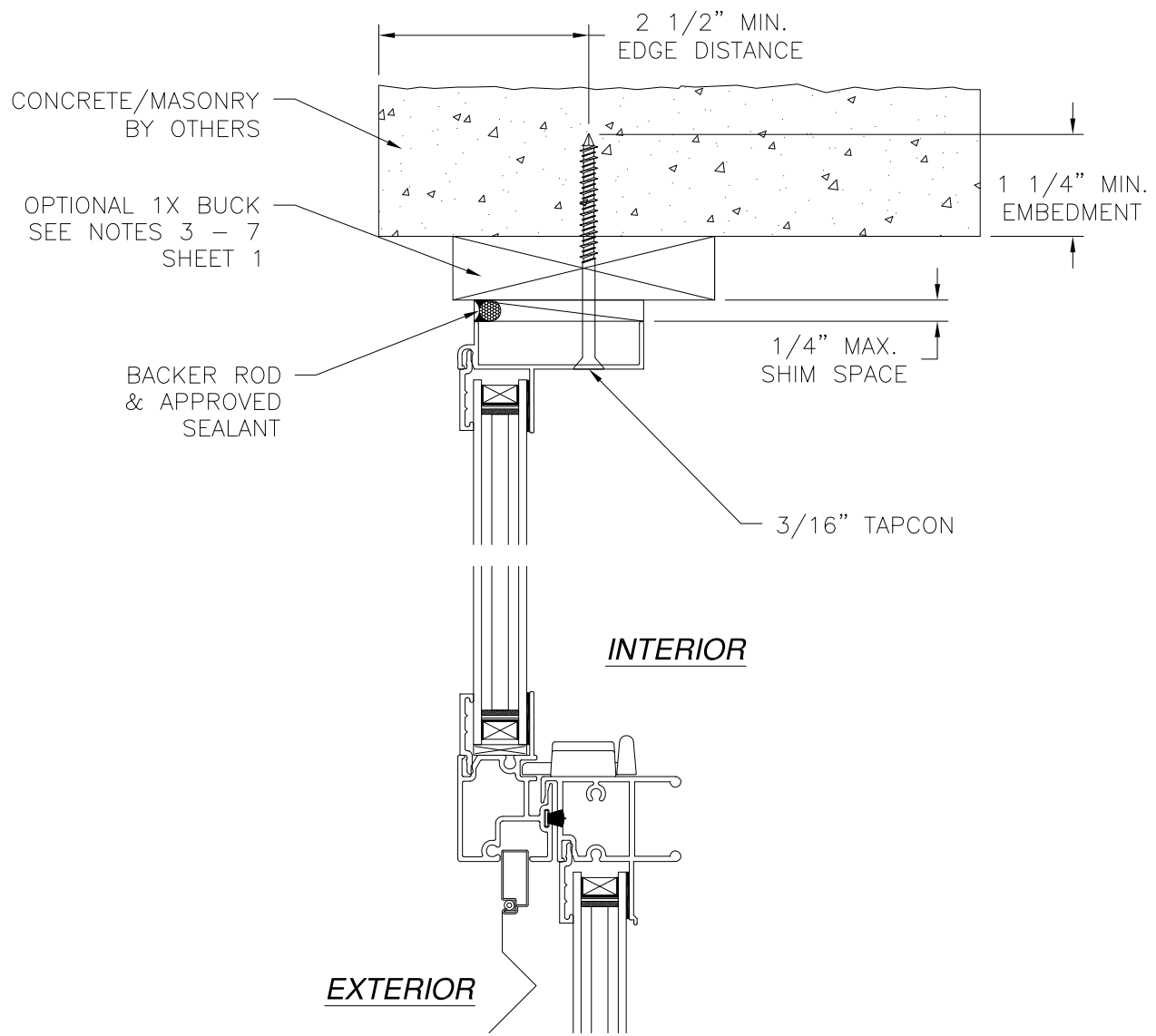
DATE
12/09/14

SHEET
9 OF 14

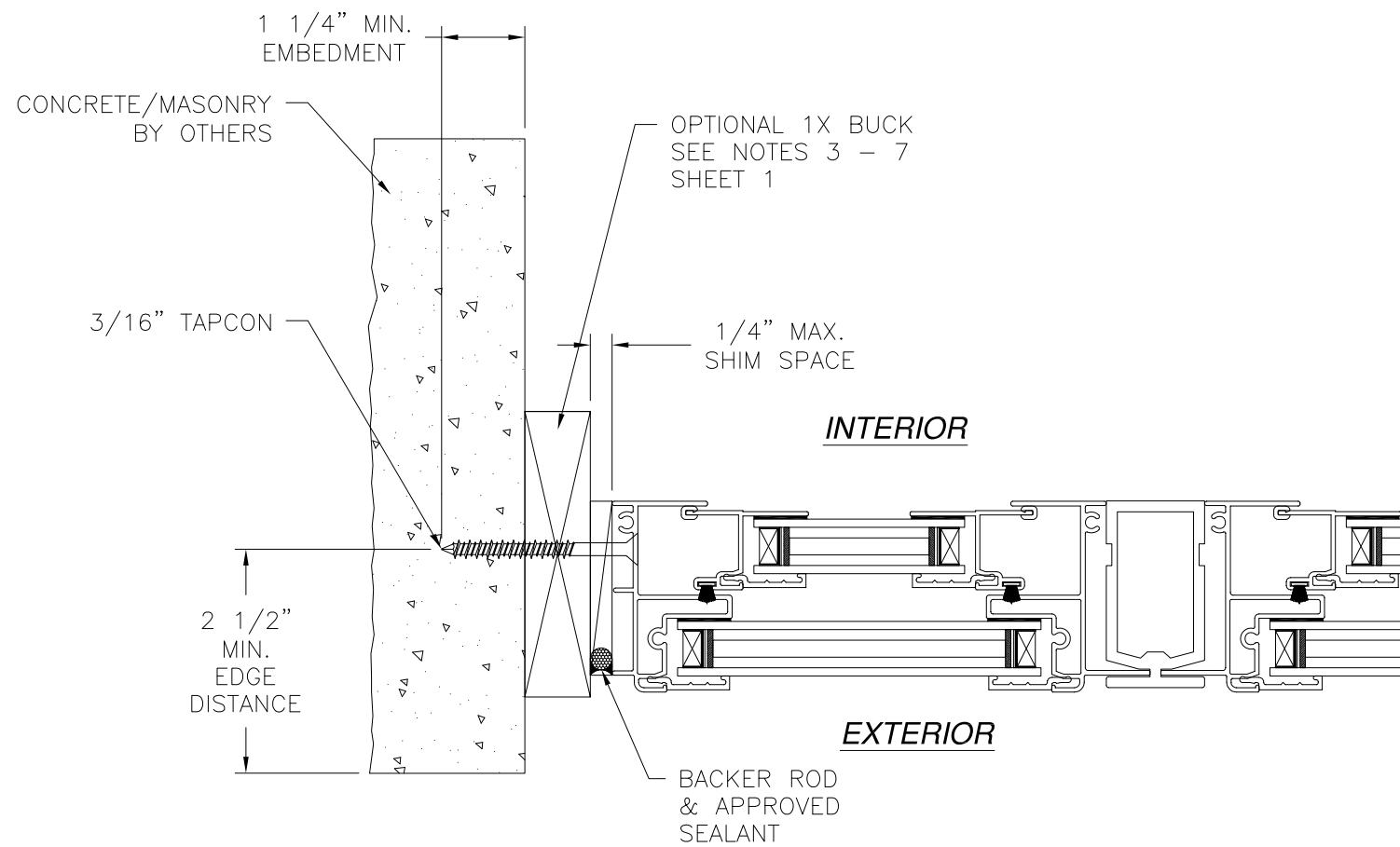
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

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 ANCHOR SPACING & CHARTS	07/11/16	R.L.
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

- NOTES:**
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SIGNED: 02/27/2020

MI WINDOWS AND DOORS, LLC
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT
FINLESS INSTALLATION DETAILS WITHOUT FILLER

DRAWN:
N.G.

DWG NO.
08-02547

REV
B

SCALE NTS

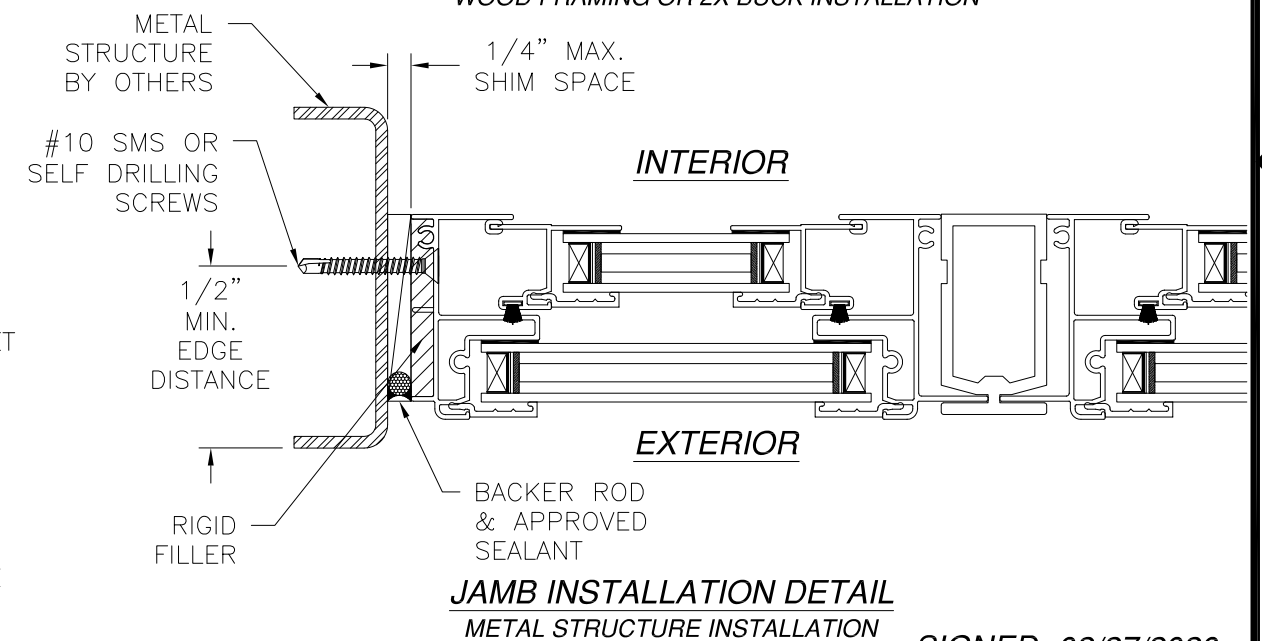
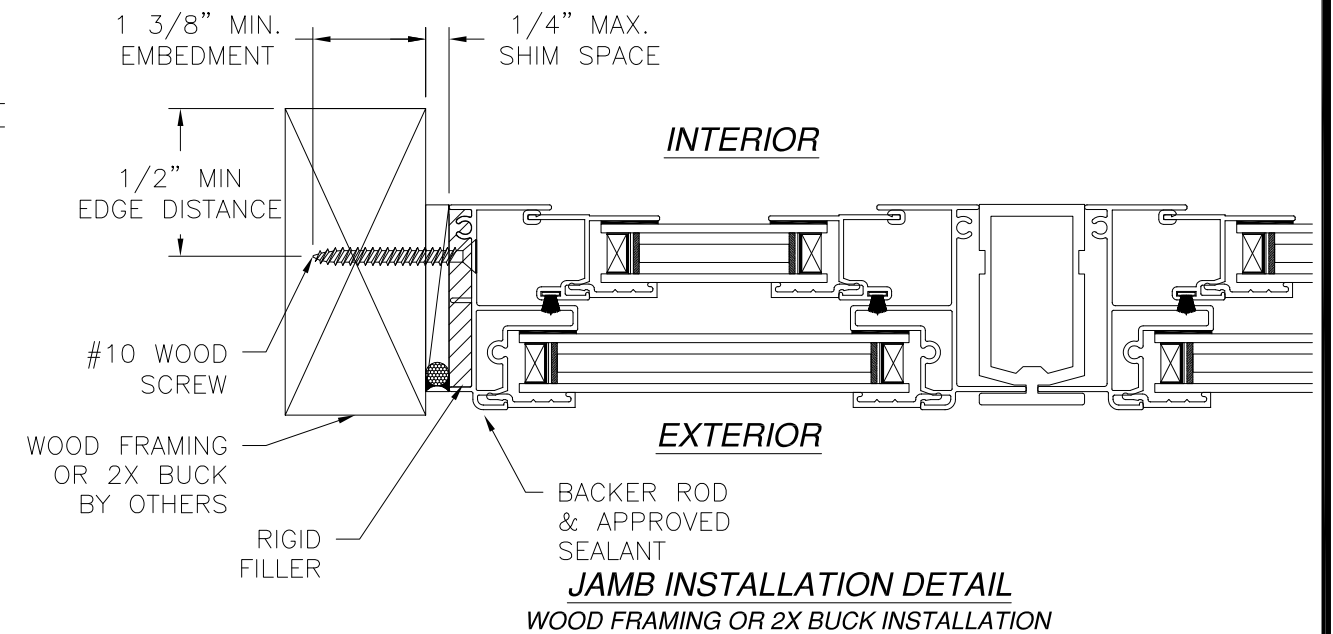
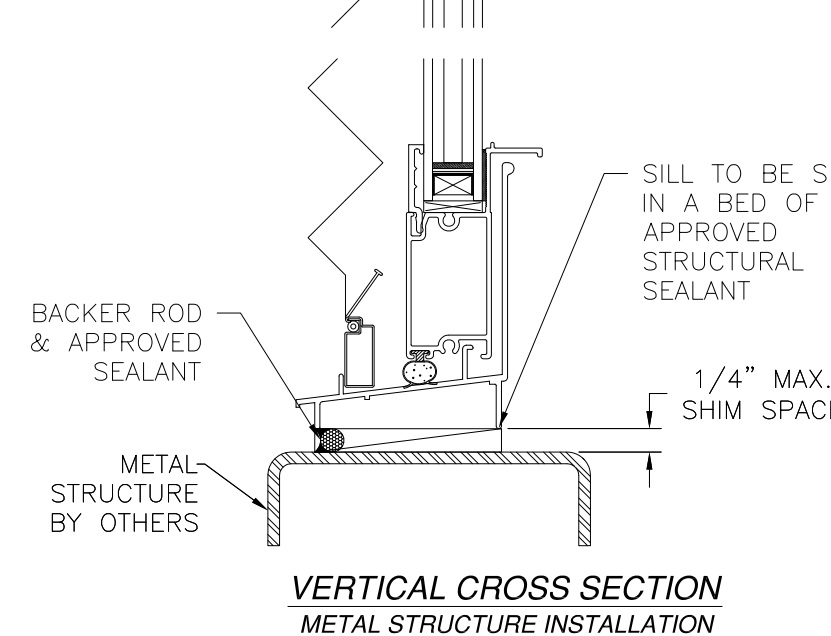
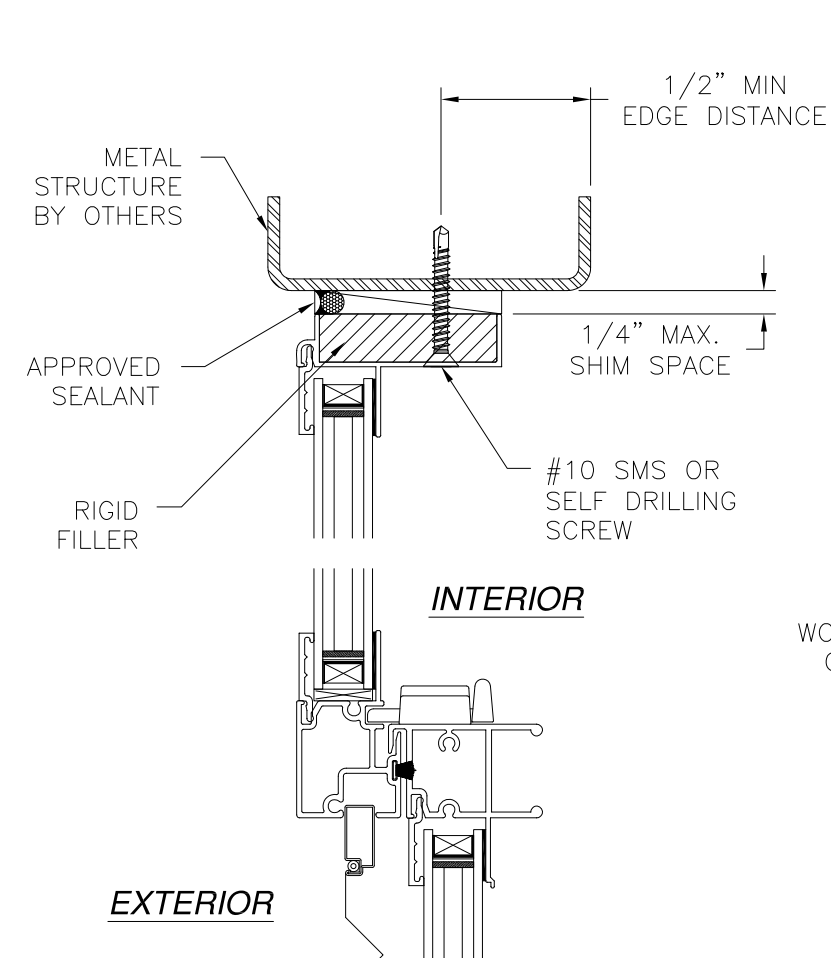
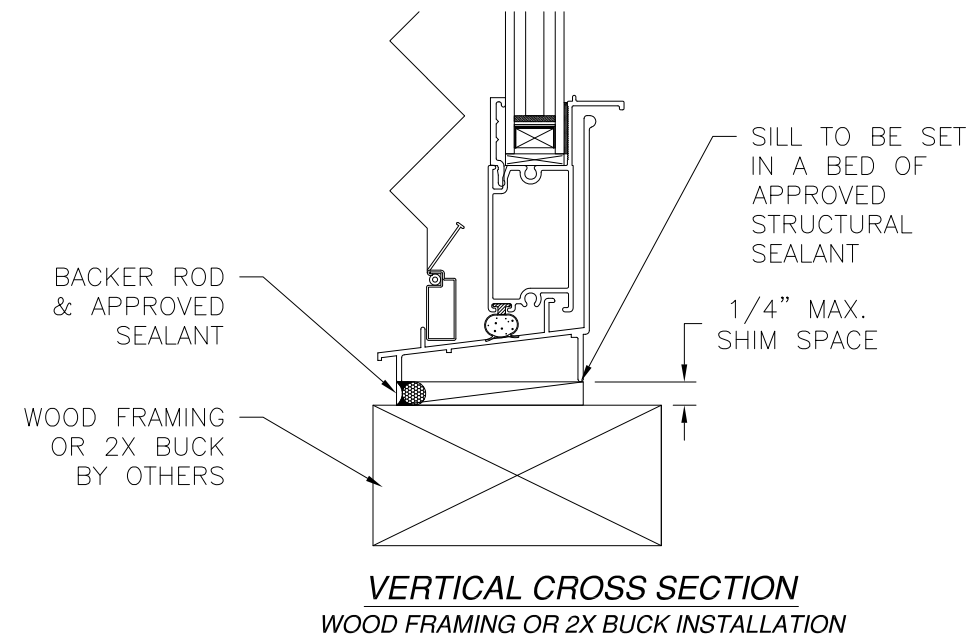
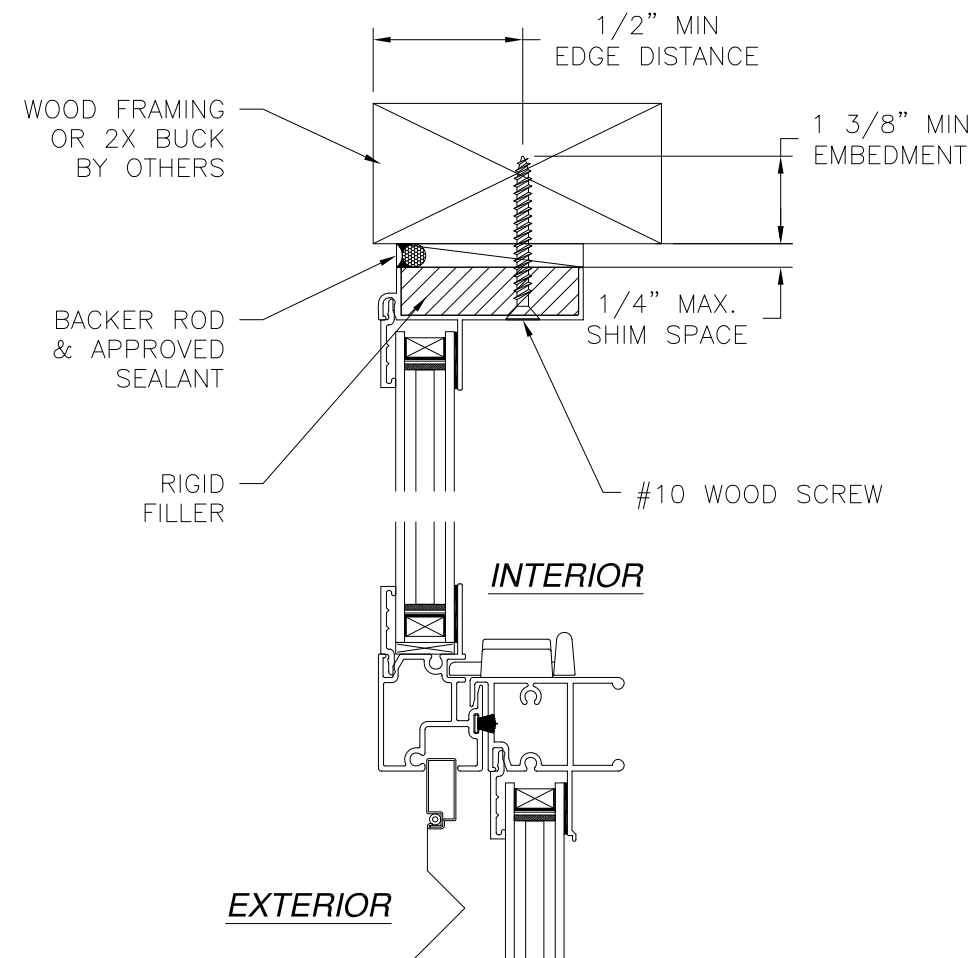
DATE 12/09/14

SHEET 10 OF 14

L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

Luis R. Lomas
Professional Engineer
State of Florida
No. 62514

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

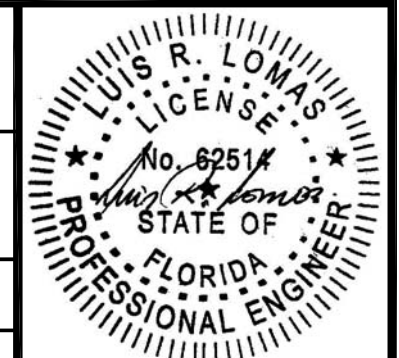


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED ANCHOR SPACING & CHARTS	07/11/16	R.L.
B	REVISED GLASS	10/03/17	R.L.

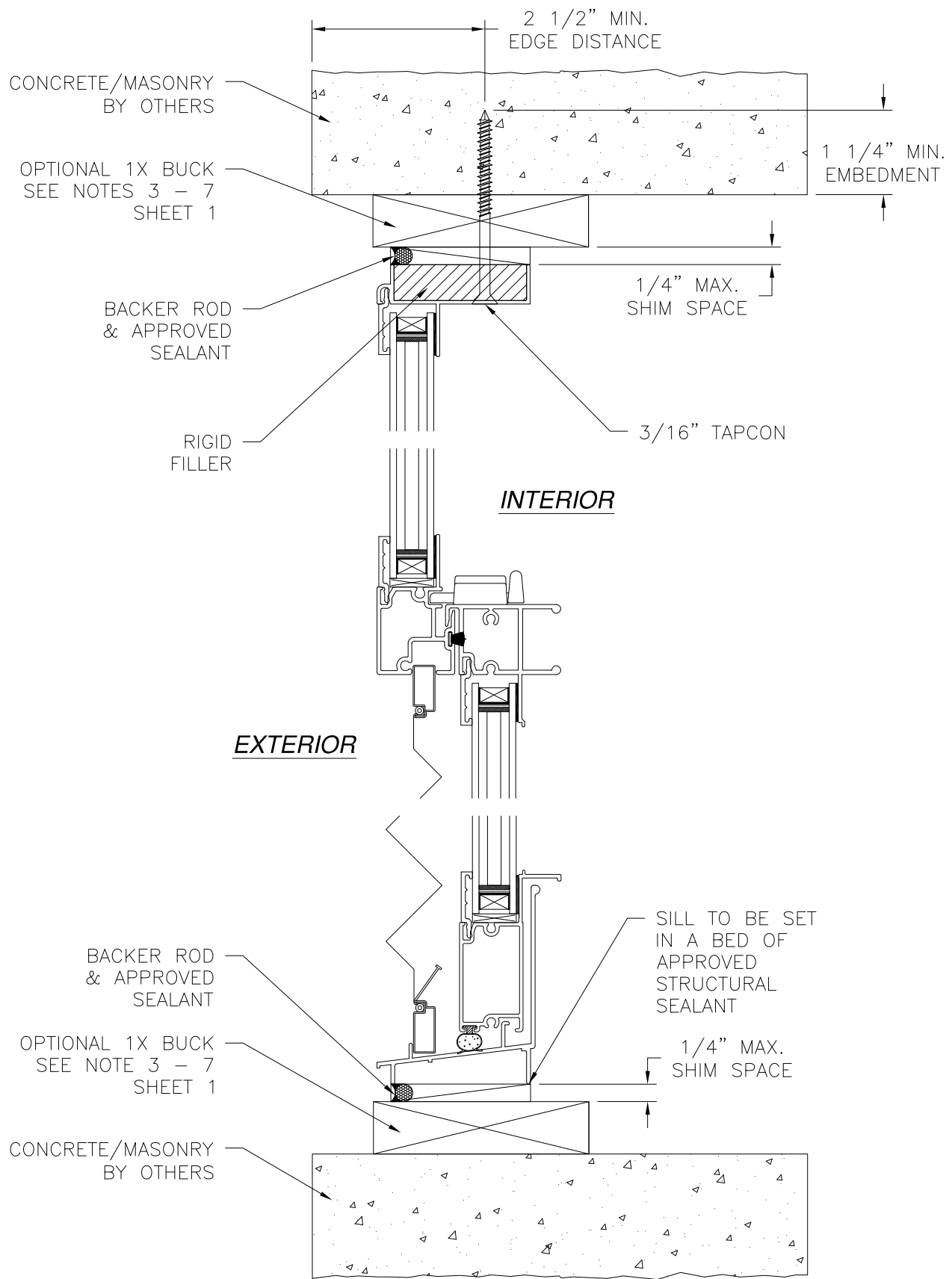
NOTES:
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MI WINDOWS AND DOORS, LLC		
650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW 106" X 72" NON-IMPACT FINLESS INSTALLATION DETAILS WITH FILLERS		
DRAWN: N.G.	DWG NO. 08-02547	REV B
SCALE NTS	DATE 12/09/14	SHEET 11 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

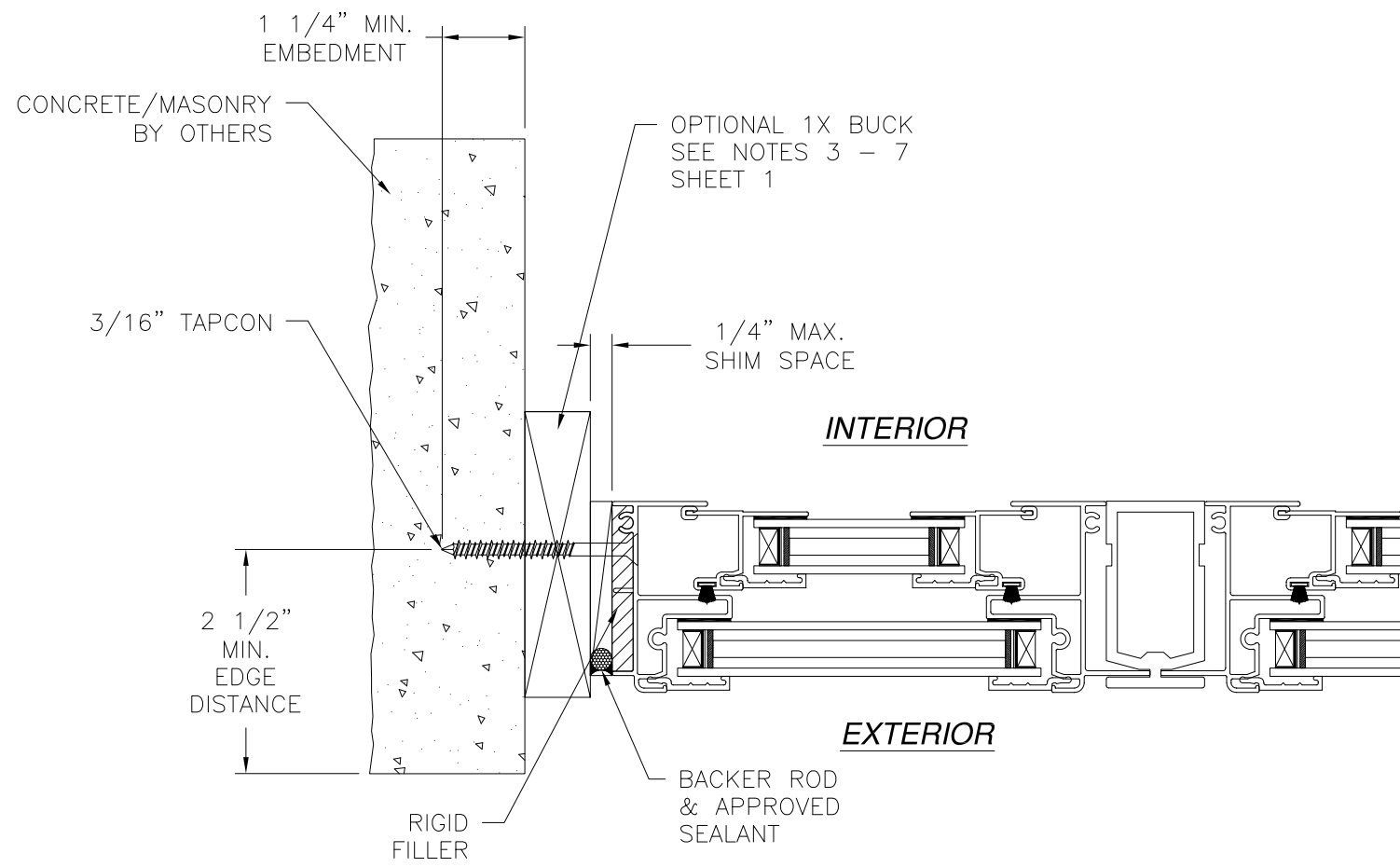
SIGNED: 02/27/2020



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



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

- NOTES:**
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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B	REVISED GLASS	10/03/17	R.L.

MI WINDOWS AND DOORS, LLC
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT
FINLESS INSTALLATION DETAILS WITH FILLER

DRAWN:
N.G.

DWG NO.
08-02547

REV
B

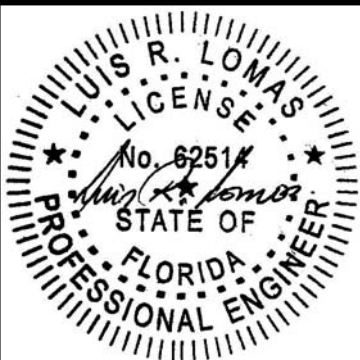
SCALE
NTS

DATE
12/09/14

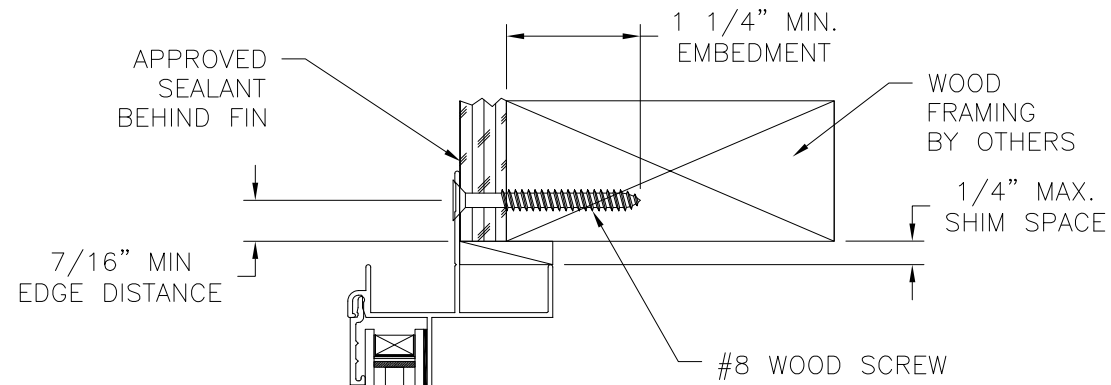
SHEET
12 OF 14

L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/27/2020

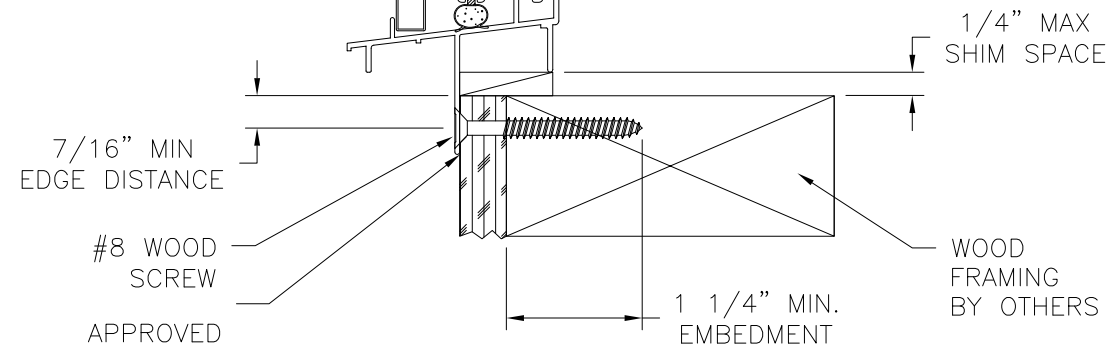


Luis R. Lomas P.E.
FL No.: 62514

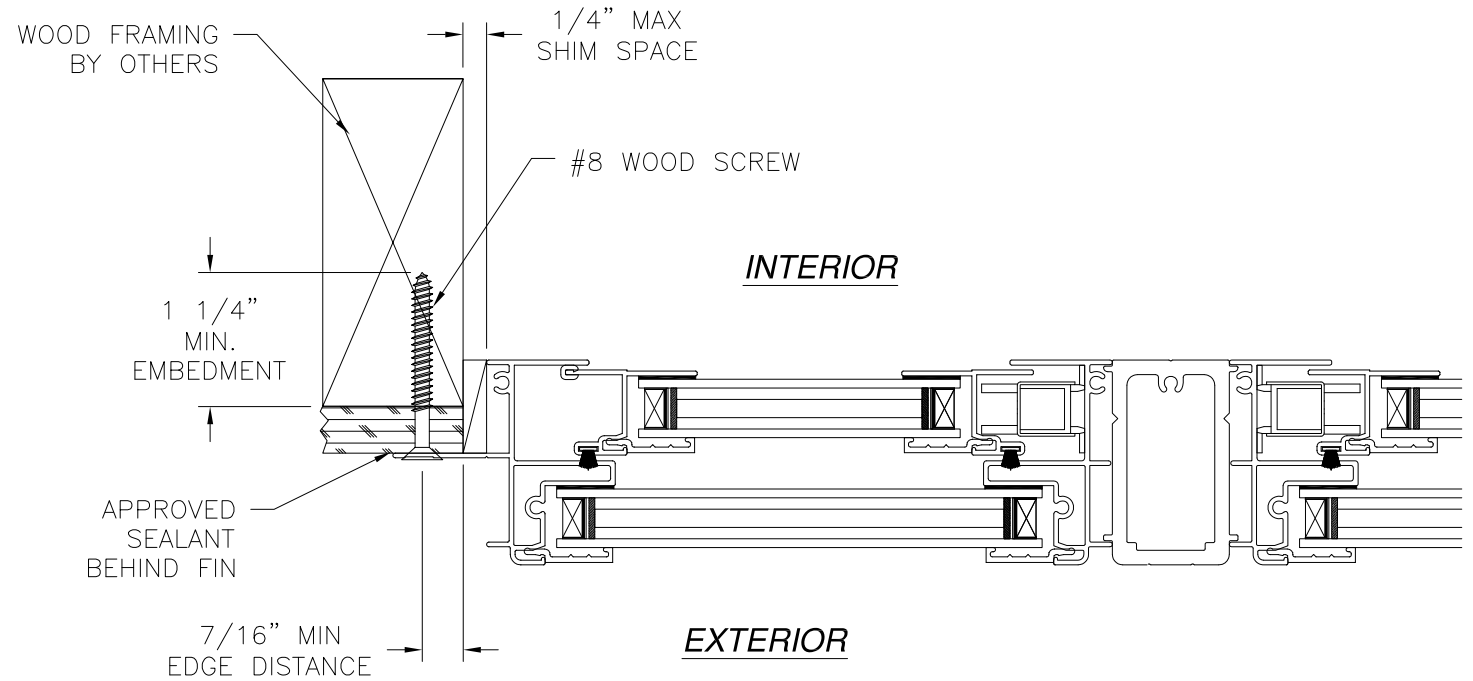


INTERIOR

EXTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



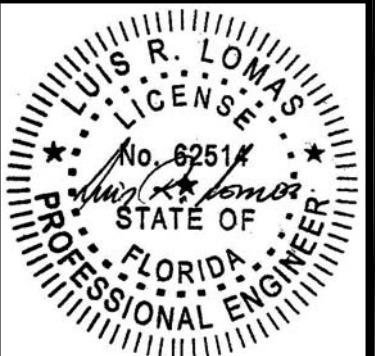
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:**
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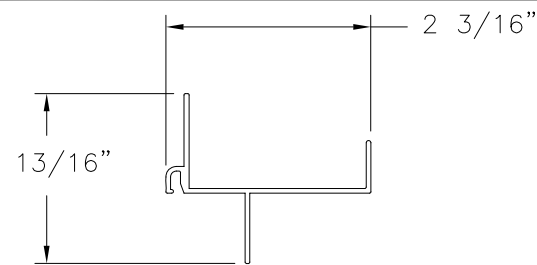
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED ANCHOR SPACING & CHARTS	07/11/16	R.L.
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MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370		
SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW 106" X 72" NON-IMPACT FIN INSTALLATION DETAILS		
DRAWN: N.G.	DWG NO. 08-02547	REV B
SCALE NTS	DATE 12/09/14	SHEET 13 OF 14
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

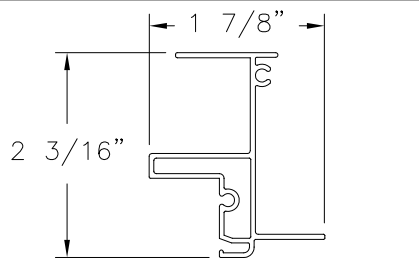
SIGNED: 02/27/2020



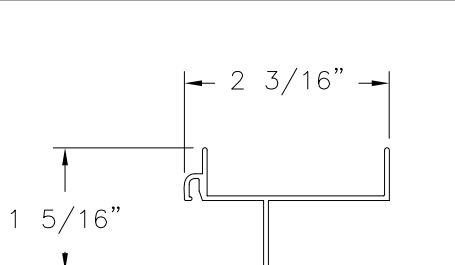
Luis R. Lomas P.E.
FL No.: 62514



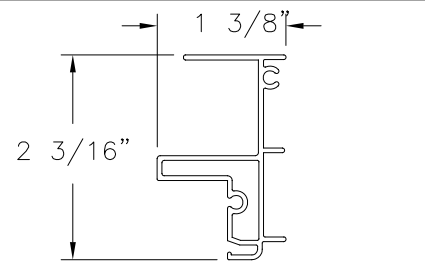
FLANGE FRAME HEAD
CM-18501
ALUMINUM 6063-T5 .050" THICK



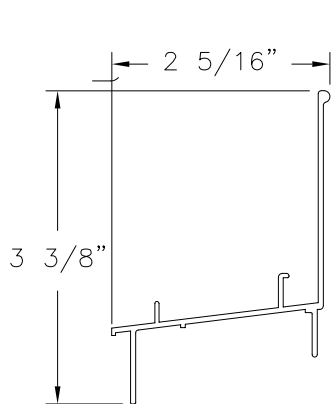
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CM-18503
ALUMINUM 6063-T5 .050" THICK



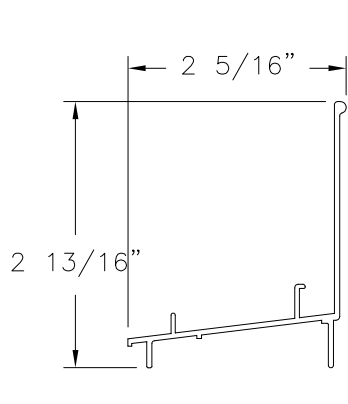
FINLESS FRAME HEAD
CM-18553
ALUMINUM 6063-T5 .050" THICK



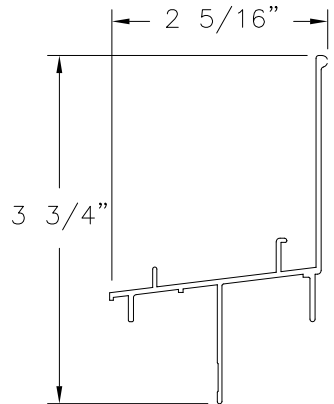
FINLESS FRAME JAMB
CM-18513
ALUMINUM 6063-T5 .050" THICK



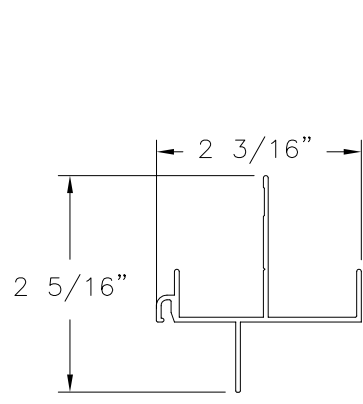
FLANGE FRAME SILL
CM-18502
ALUMINUM 6063-T5 .055" THICK



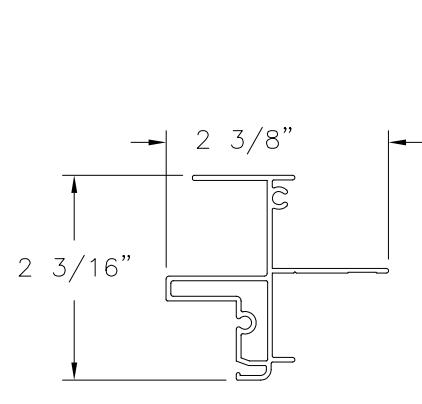
FINLESS FRAME SILL
CM-18554
ALUMINUM 6063-T5 .055" THICK



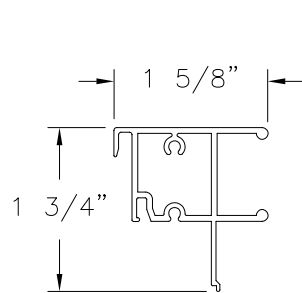
FIN FRAME SILL
CM-18509
ALUMINUM 6063-T5 .055" THICK



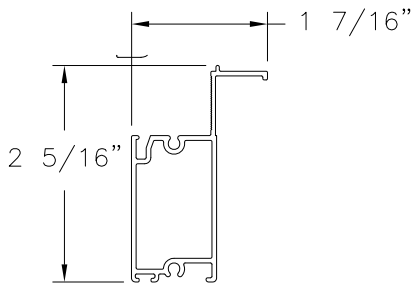
FIN FRAME HEAD
CM-18508
ALUMINUM 6063-T5 .050" THICK



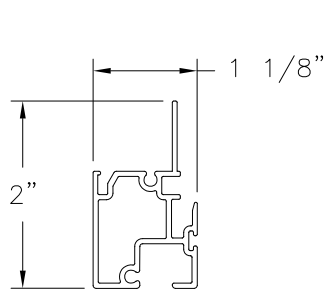
FIN FRAME JAMB
CM-18510
ALUMINUM 6063-T5 .050" THICK



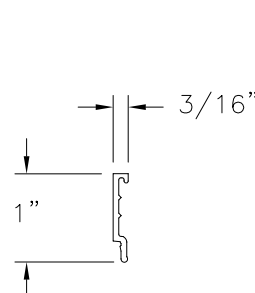
LOCK RAIL/STILE
CM-18505
ALUMINUM 6063-T5 .062" THICK



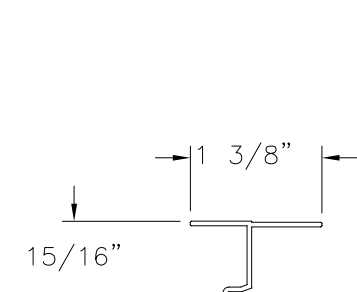
SASH BOTTOM RAIL
CM-18555
ALUMINUM 6063-T5 .050" THICK



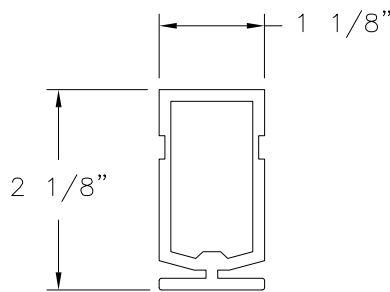
MEETING RAIL
CM-18504
ALUMINUM 6063-T5 .055" THICK



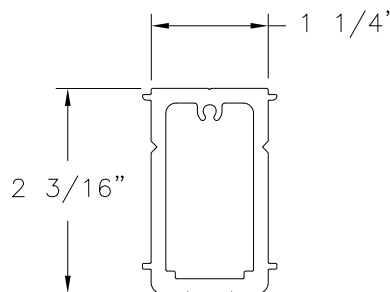
GLAZING BEAD
V-663
RIGID PVC .060" THICK



SASH STILE
CM-18507
ALUMINUM 6063-T5 .050" THICK

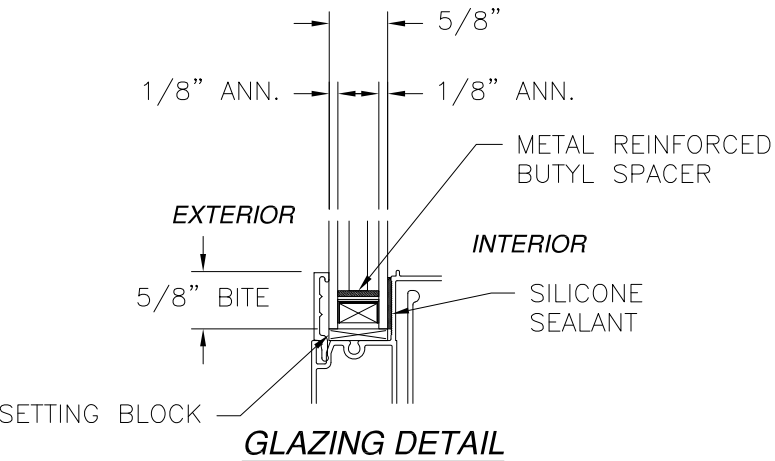


VERTICAL MULLION
SECT5764
ALUMINUM 6063-T5 .125" THICK



VERTICAL MULLION
CM-18514
ALUMINUM 6005-T5 .156" THICK

REVISIONS			
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B	REVISED GLASS	10/03/17	R.L.



SIGNED: 02/27/2020

MI WINDOWS AND DOORS, LLC
650 WEST MARKET STREET
GRATZ, PA 17030-0370

SERIES 185 ALUMINUM TWIN SINGLE HUNG WINDOW
106" X 72" NON-IMPACT COMPONENTS

DRAWN:
N.G.

DWG NO.
08-02547

REV
B

SCALE
NTS

DATE
12/09/14

SHEET
14 OF 14

L. ROBERTO LOMAS P.E.
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