

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	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 RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300-04.
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 #6 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 #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.
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 #8 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 f'm=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI 1/8" THICK MINIMUM

SIGNED: 07/30/2015

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 9	INSTALLATION DETAILS

MI WINDOWS

650 WEST MARKET STREET

GRATZ, PA 17030

9660 AWNING WINDOW

60" X 36" NON-IMPACT

NOTES

DRAWN:

DWG NO.

REV

V.L.

08-01315

A

SCALE

DATE

SHEET

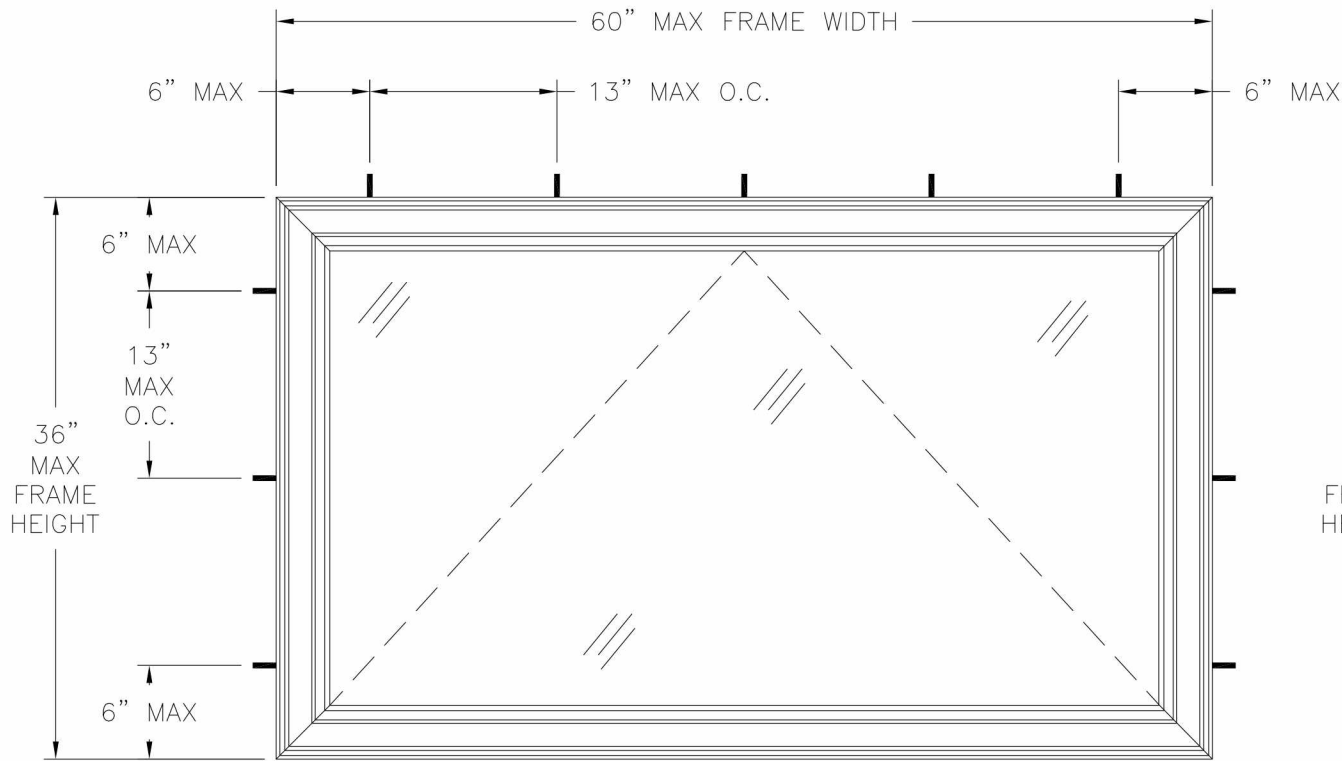
NTS

07/25/11

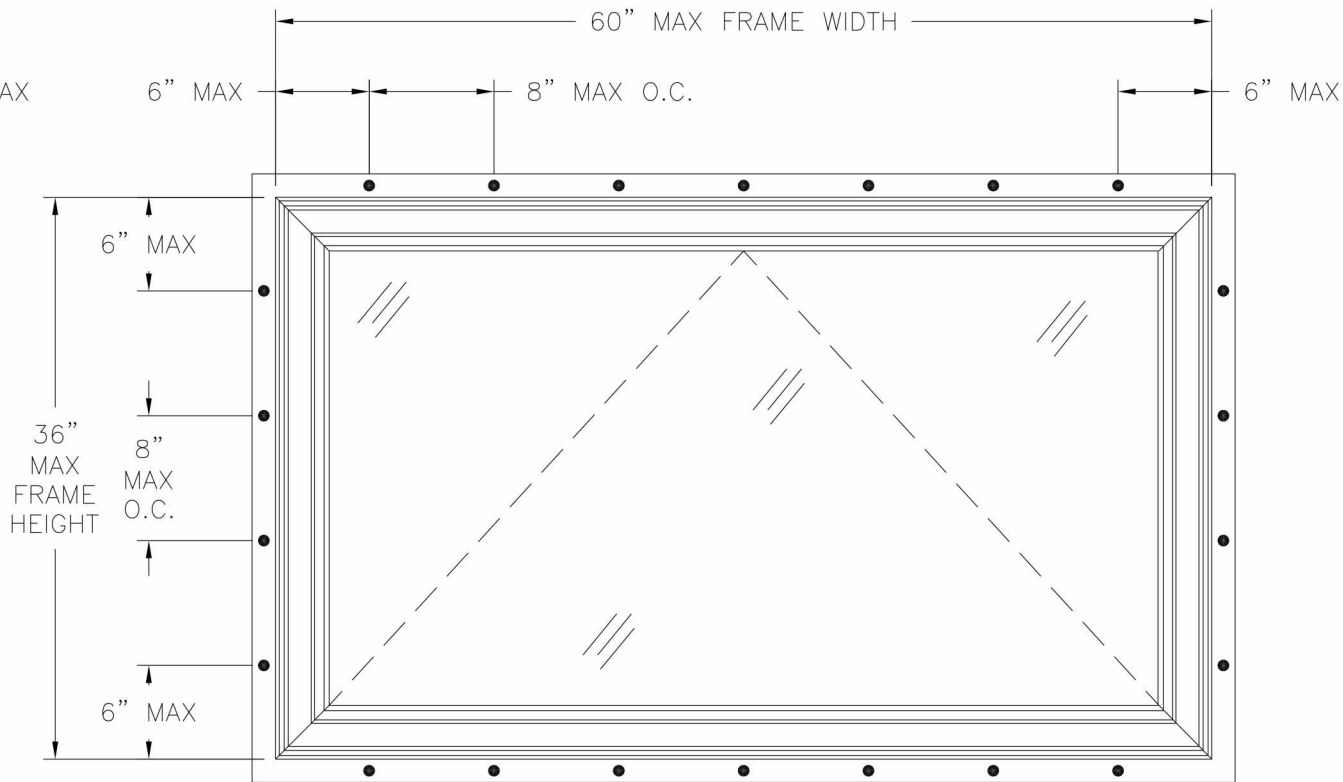
1 OF 9



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.



9660 AWNING WINDOW
 EXTERIOR VIEW
 FINLESS & FLANGE INSTALLATION



9660 AWNING WINDOW
 EXTERIOR VIEW
 FIN INSTALLATION

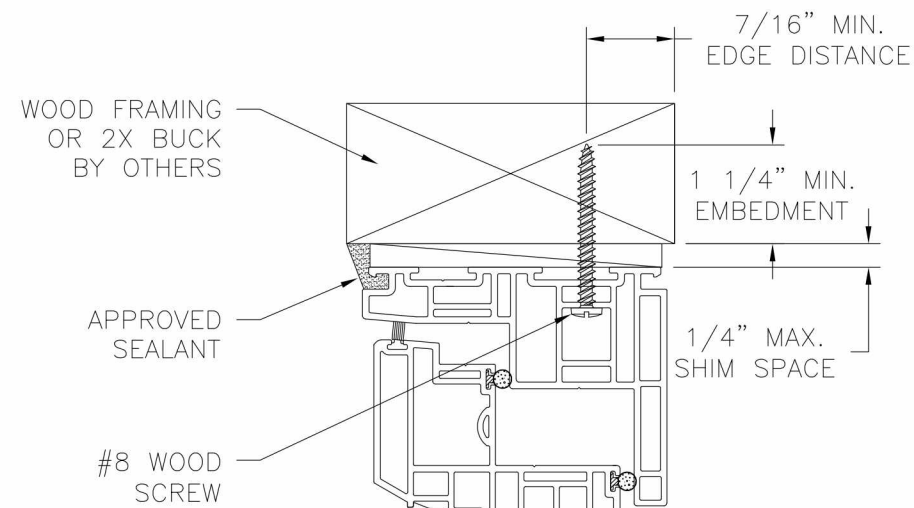
DESIGN PRESSURE RATING	IMPACT RATING
±35PSF	NONE

- NOTES:
1. MAXIMUM SASH SIZE: 58 3/8" X 34 3/8"
 2. MAXIMUM D.L.O.: 53 1/8" X 29 1/8"

SIGNED: 07/30/2015

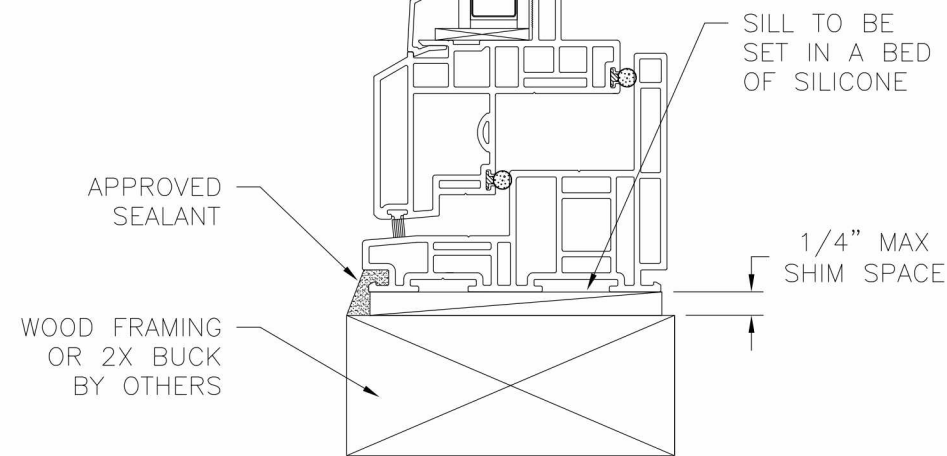
MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT ELEVATIONS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 2 OF 9



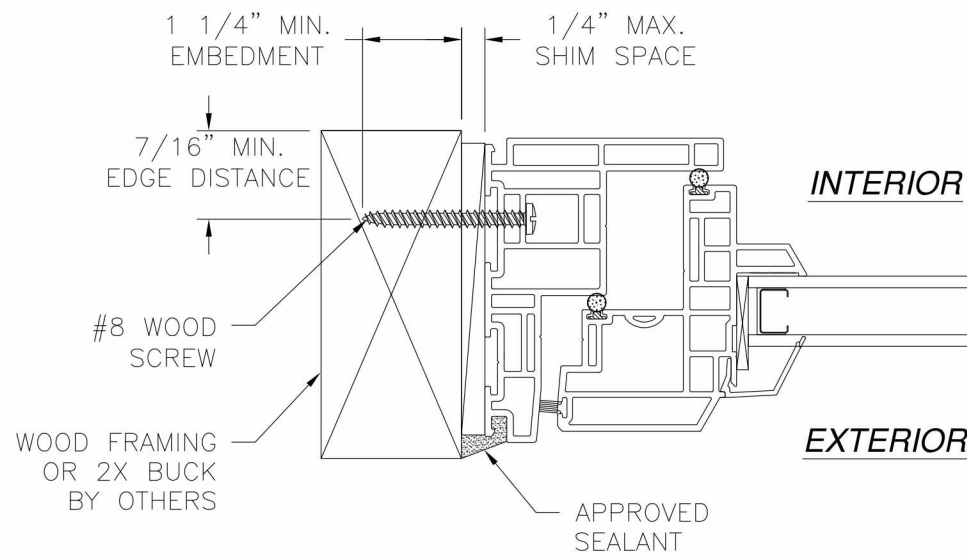


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

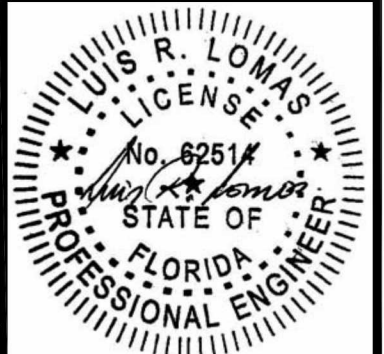
NOTES:

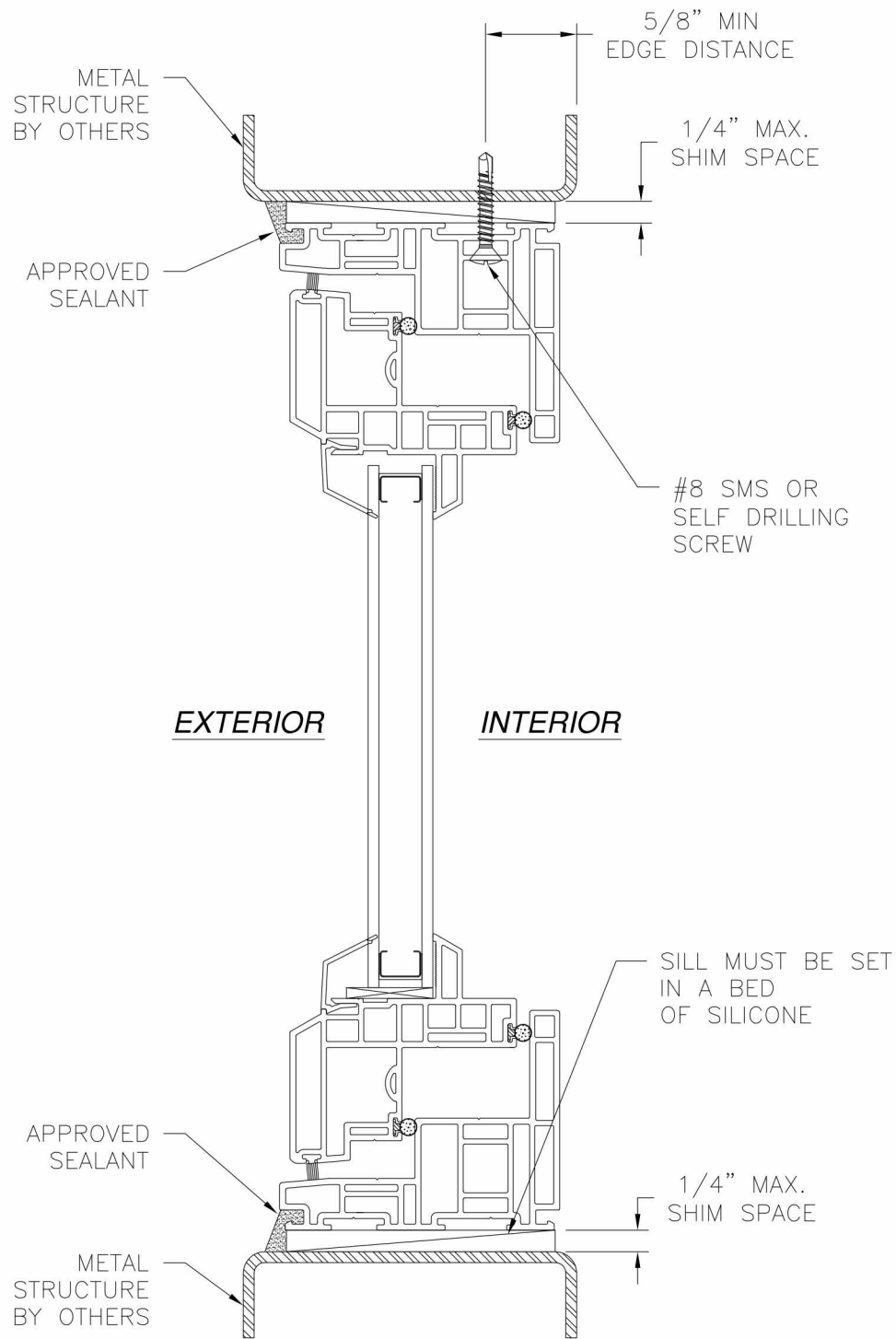
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

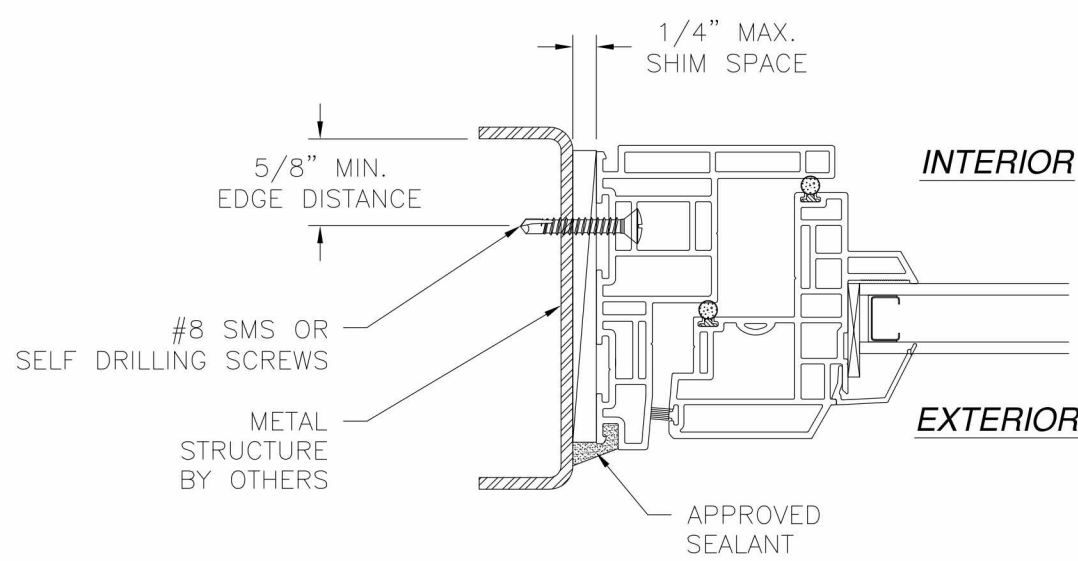
SIGNED: 07/30/2015

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FINLESS INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 3 OF 9





VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



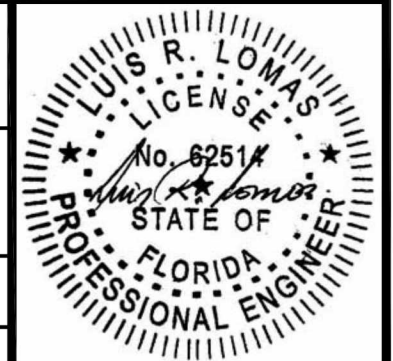
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

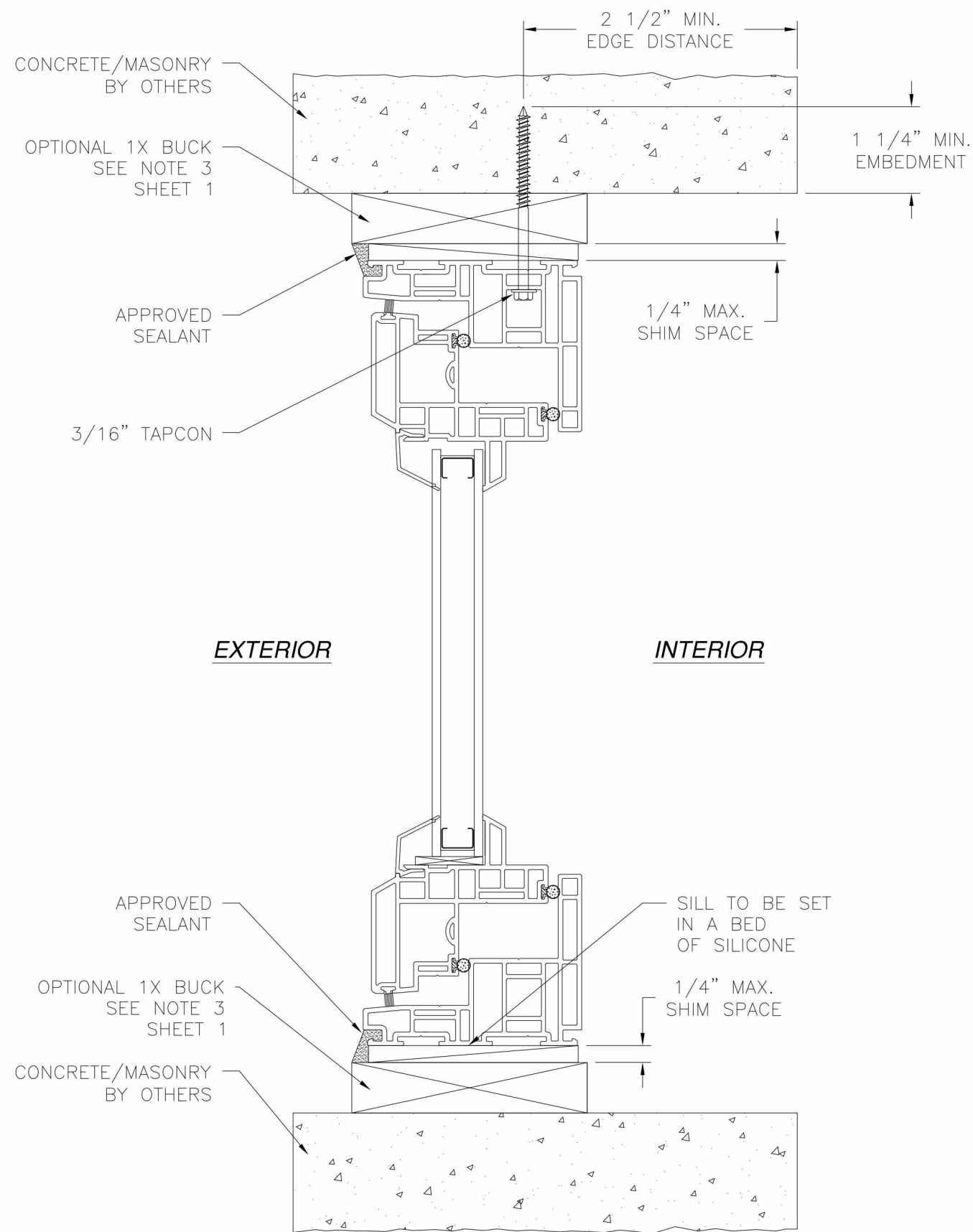
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

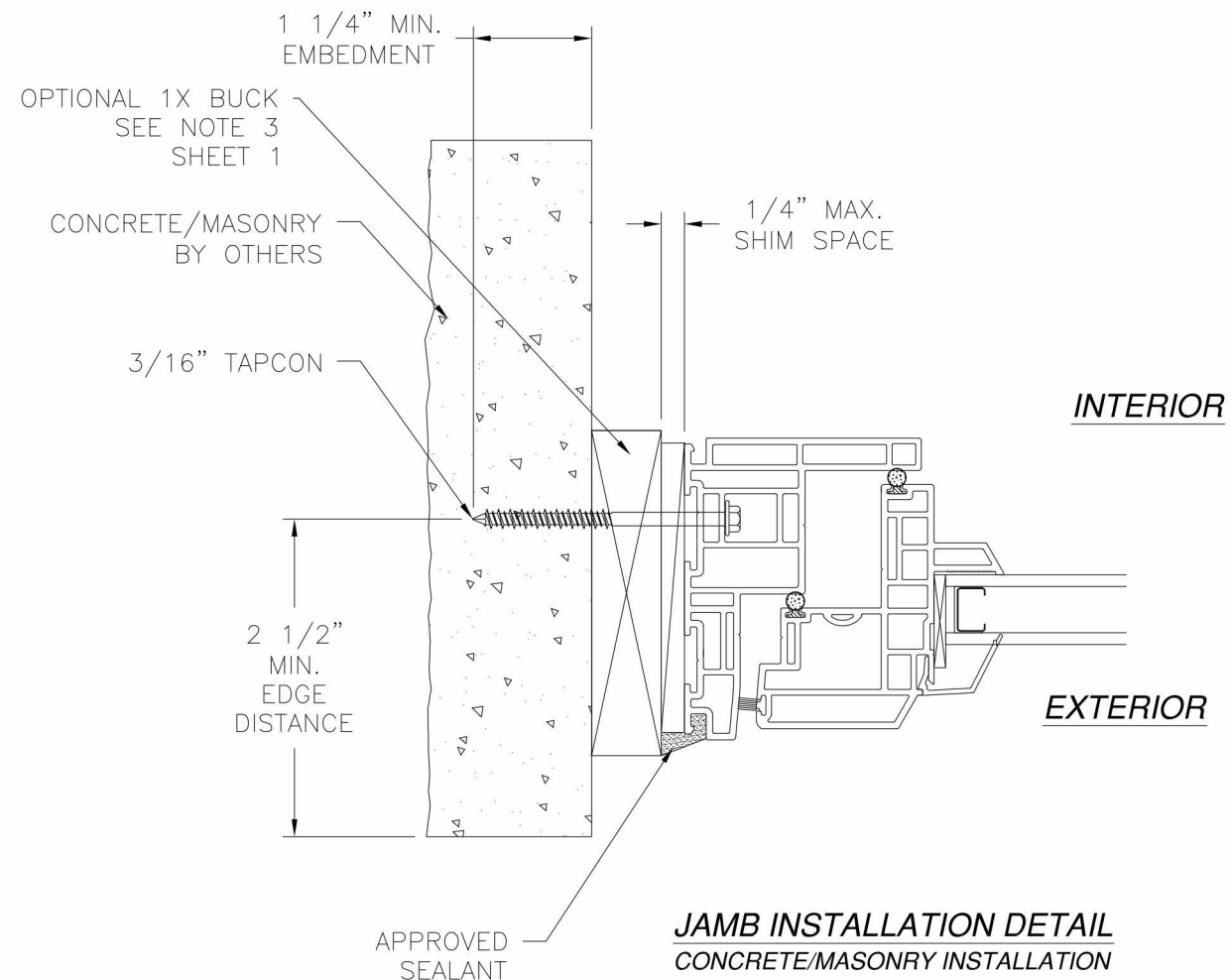
SIGNED: 07/30/2015

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FINLESS INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 4 OF 9





VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

NOTES:

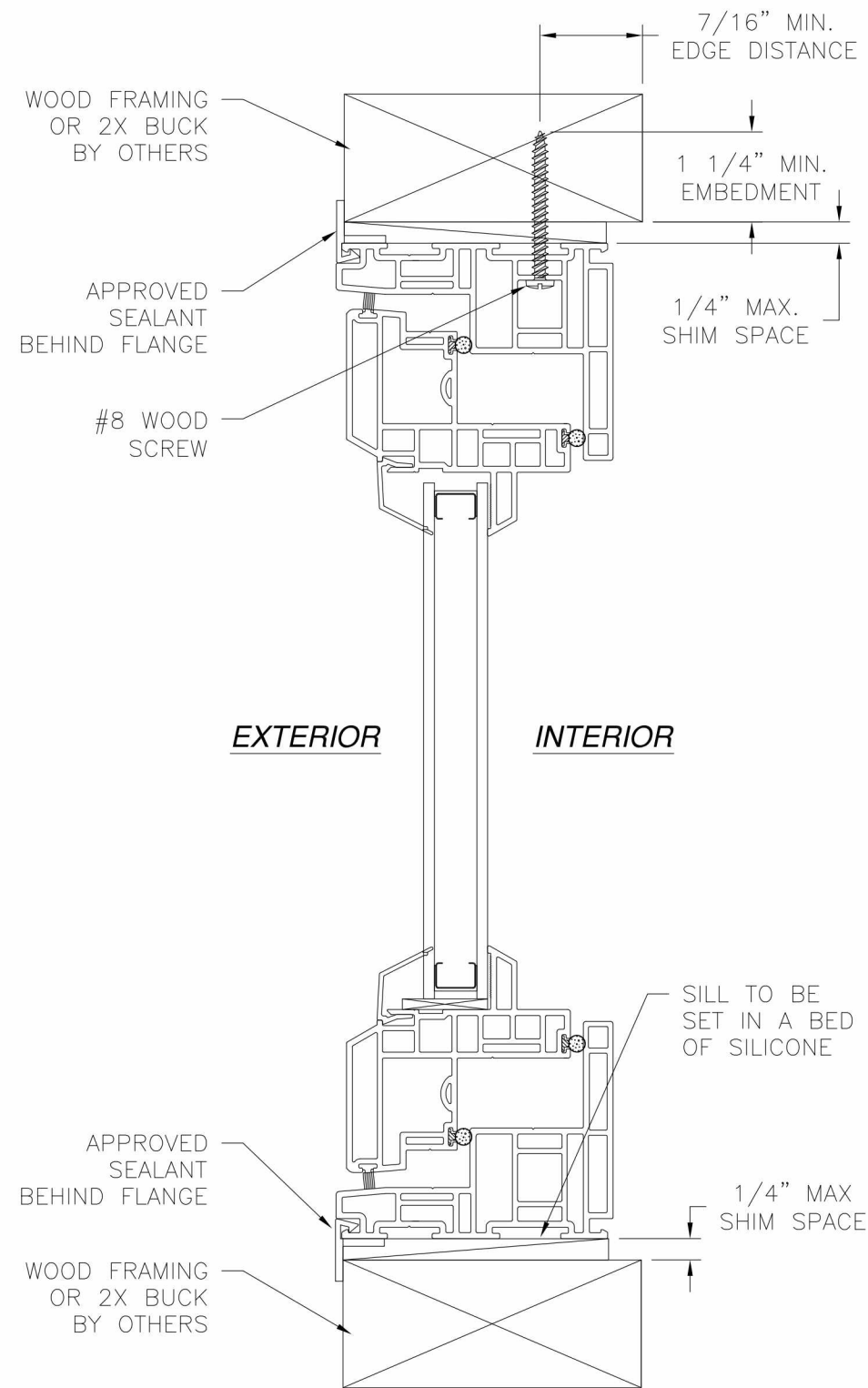
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

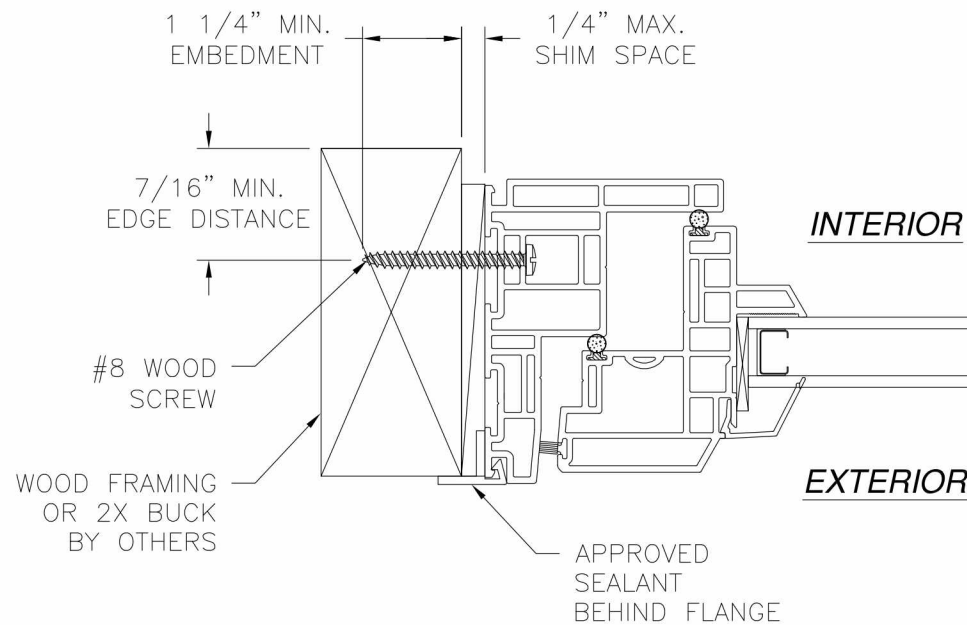
SIGNED: 07/30/2015

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FINLESS INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 5 OF 9





VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

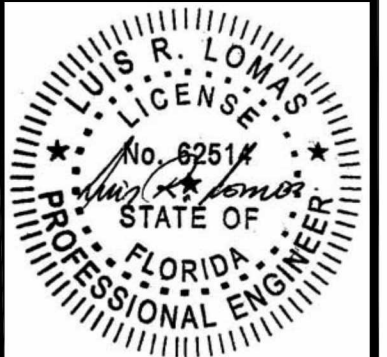
NOTES:

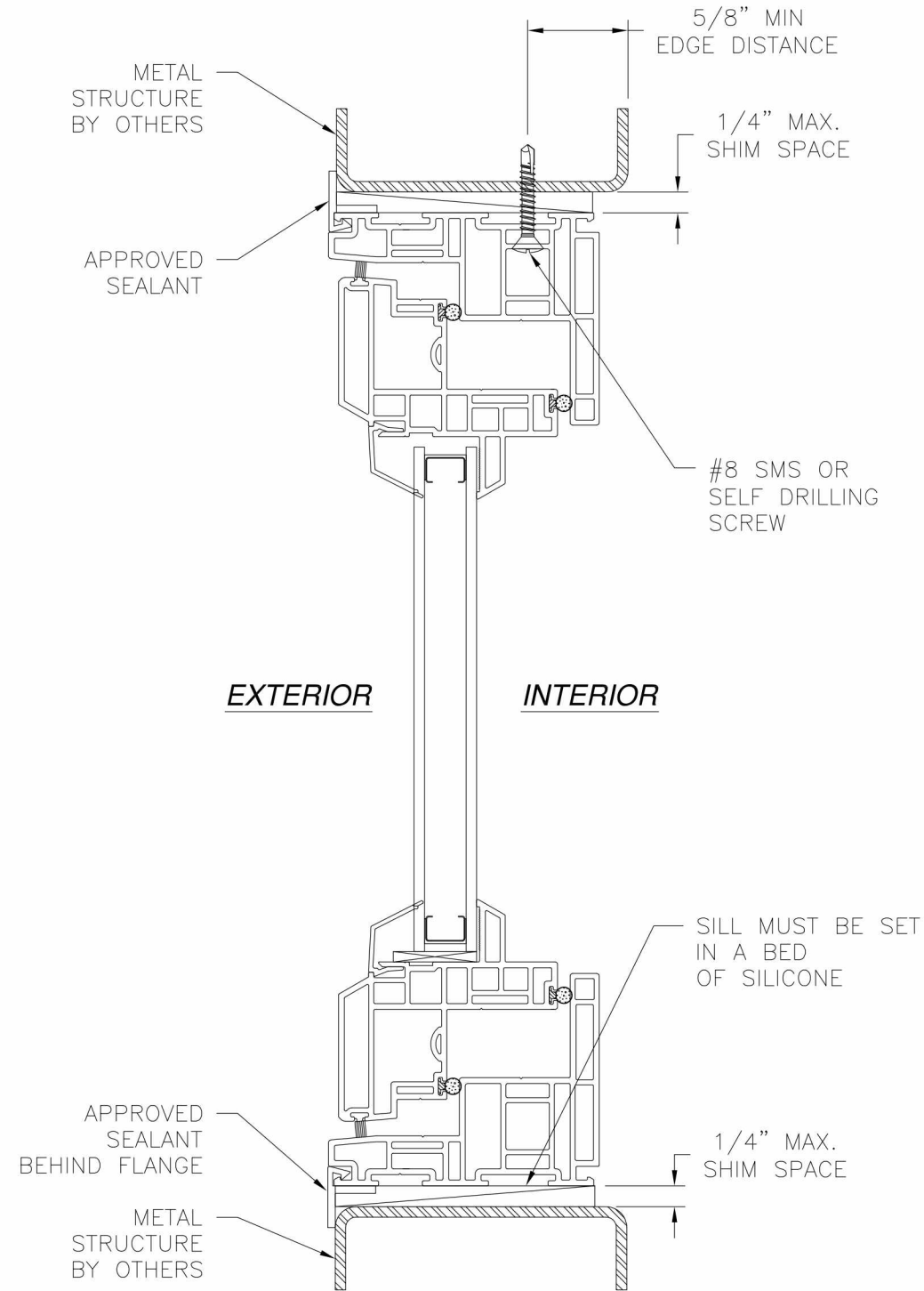
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

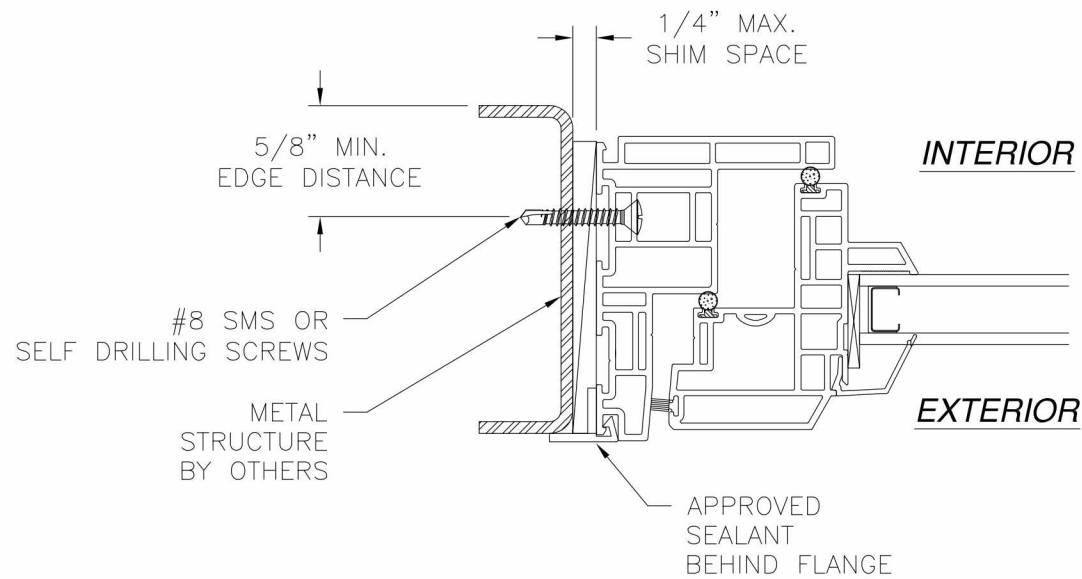
SIGNED: 07/30/2015

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FLANGE INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 6 OF 9





VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

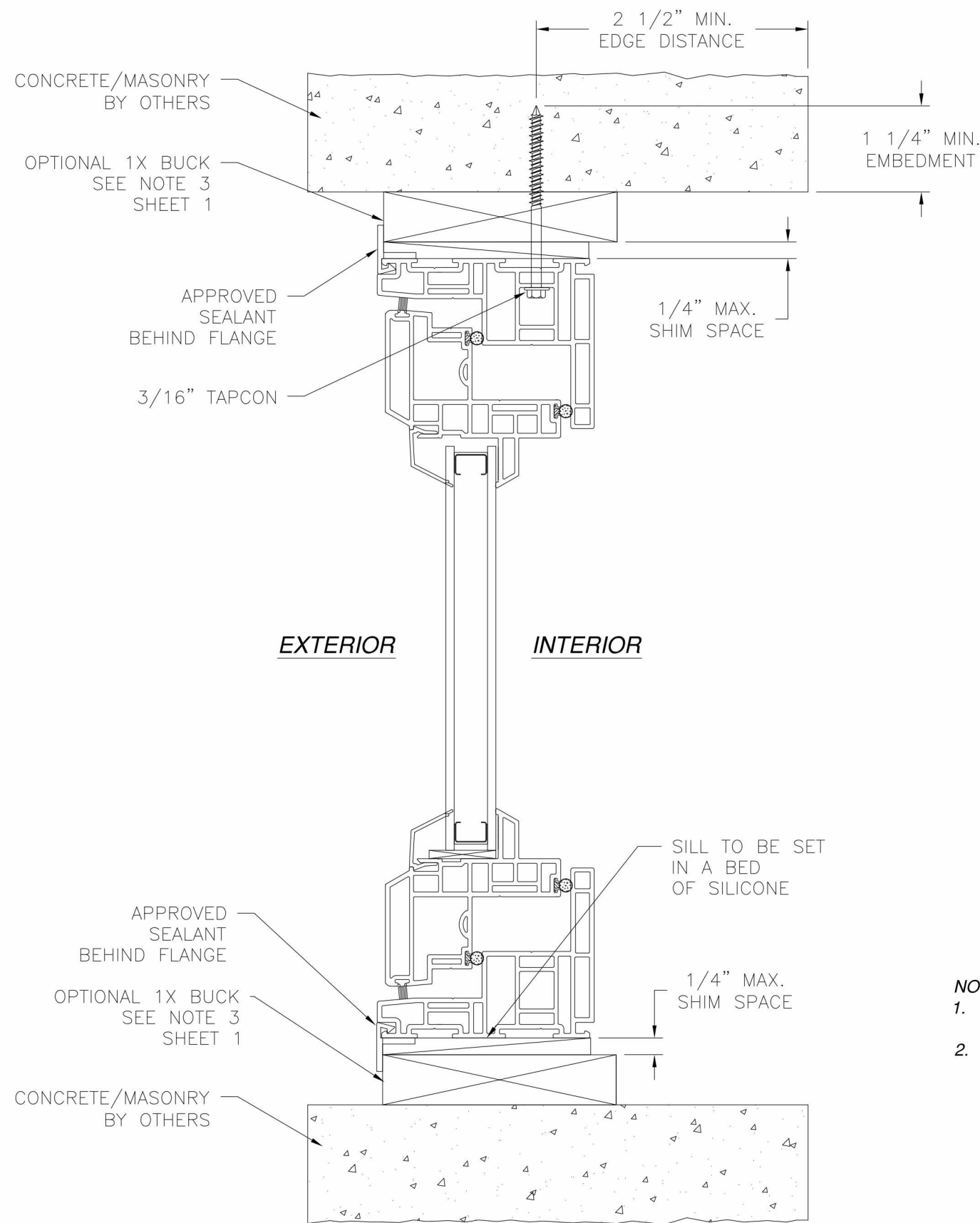
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

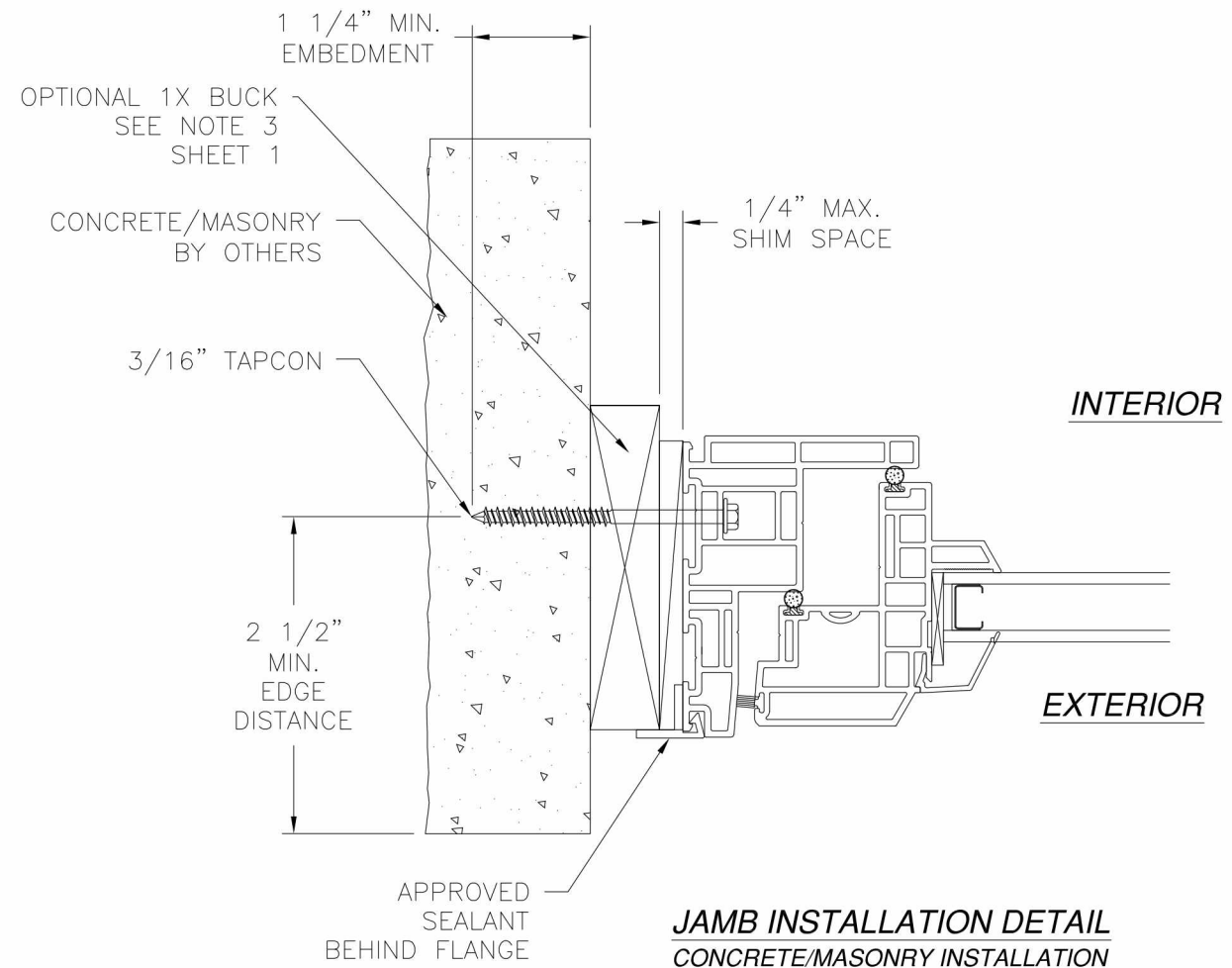
SIGNED: 07/30/2015

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FLANGE INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 7 OF 9

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



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

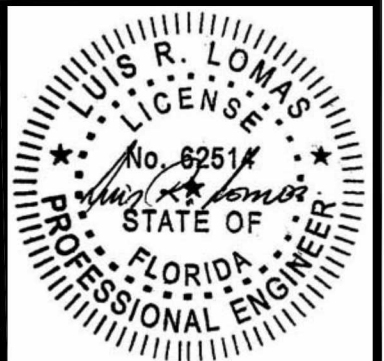
NOTES:

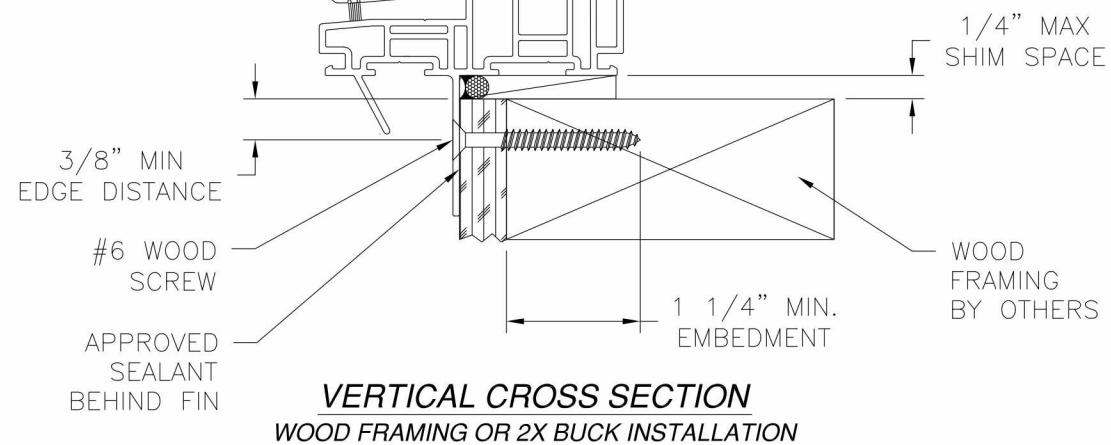
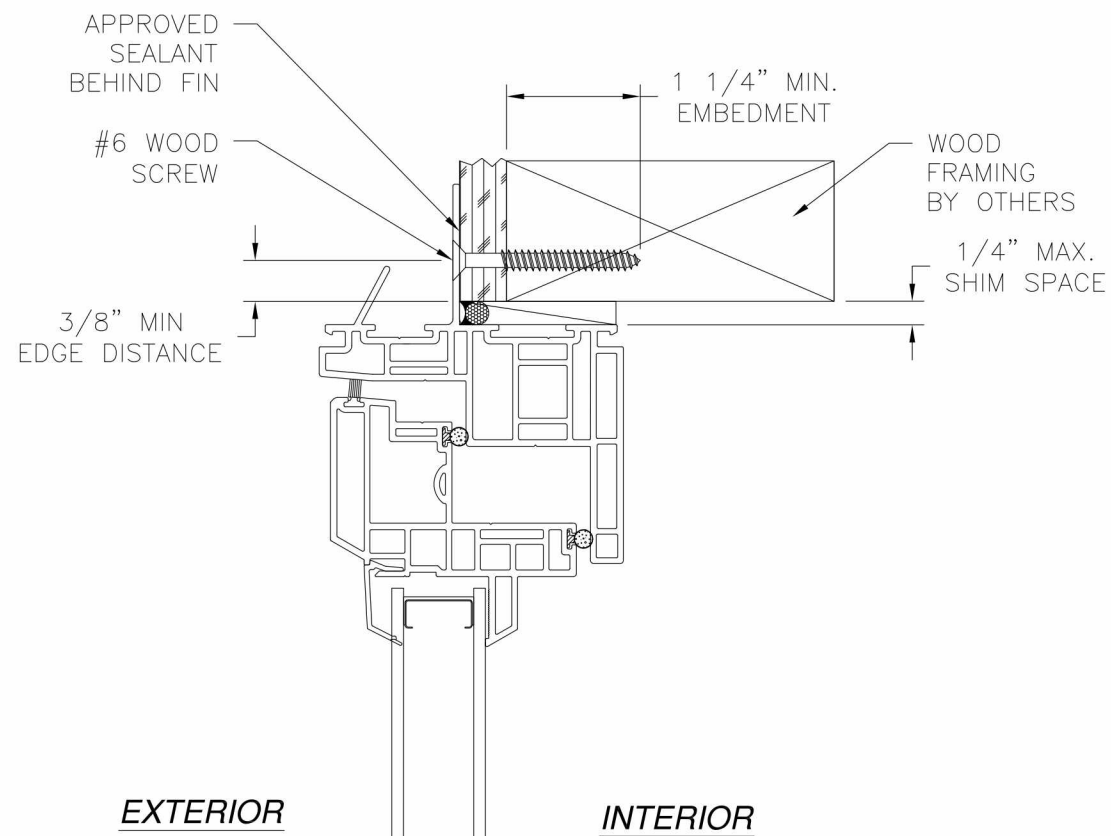
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

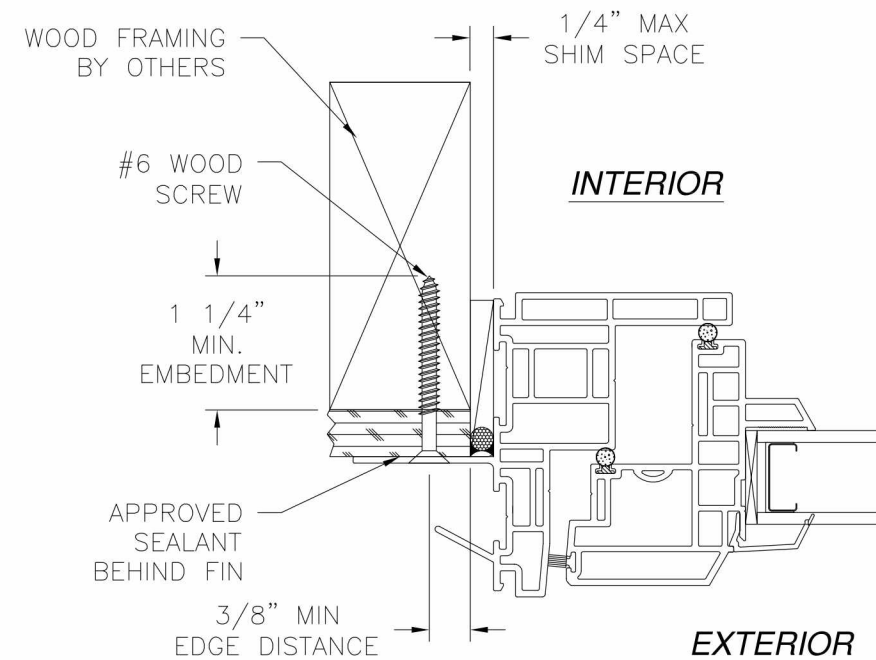
SIGNED: 07/30/2015

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FLANGE INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 8 OF 9





VERTICAL CROSS SECTION
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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	07/29/15	R.L.

MI WINDOWS 650 WEST MARKET STREET GRATZ, PA 17030		
9660 AWNING WINDOW 60" X 36" NON-IMPACT FIN INSTALLATION DETAILS		
DRAWN: V.L.	DWG NO. 08-01315	REV A
SCALE NTS	DATE 07/25/11	SHEET 9 OF 9

SIGNED: 07/30/2015

