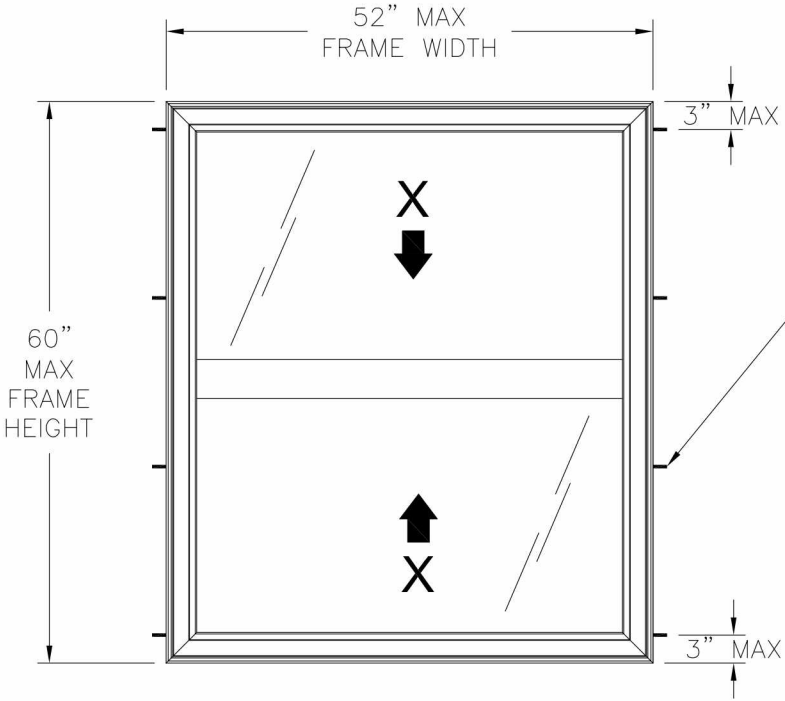


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES	07/27/16	R.L.



SERIES 1650 DH DOUBLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±25.0PSF	NONE

Number of anchors required at each jamb						
Height (in)	Panel width (in)					
	24.0	30.0	36.0	42.0	48.0	52.0
24.0	2	2	2	2	2	2
30.0	2	2	2	2	2	2
36.0	3	3	3	3	3	3
42.0	3	3	3	3	3	3
48.0	3	3	3	3	3	3
54.0	3	3	3	3	3	3
60.0	4	4	4	4	4	4

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. 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.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED RIGID PVC.
6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 1 FOR GLASS DETAILS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING 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.
10. FOR ANCHORING 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.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. 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 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

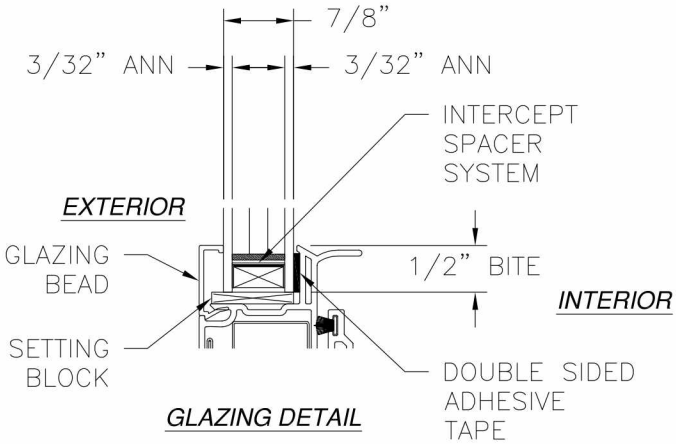
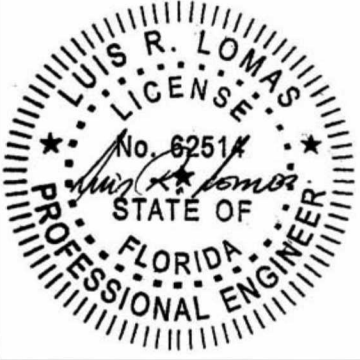
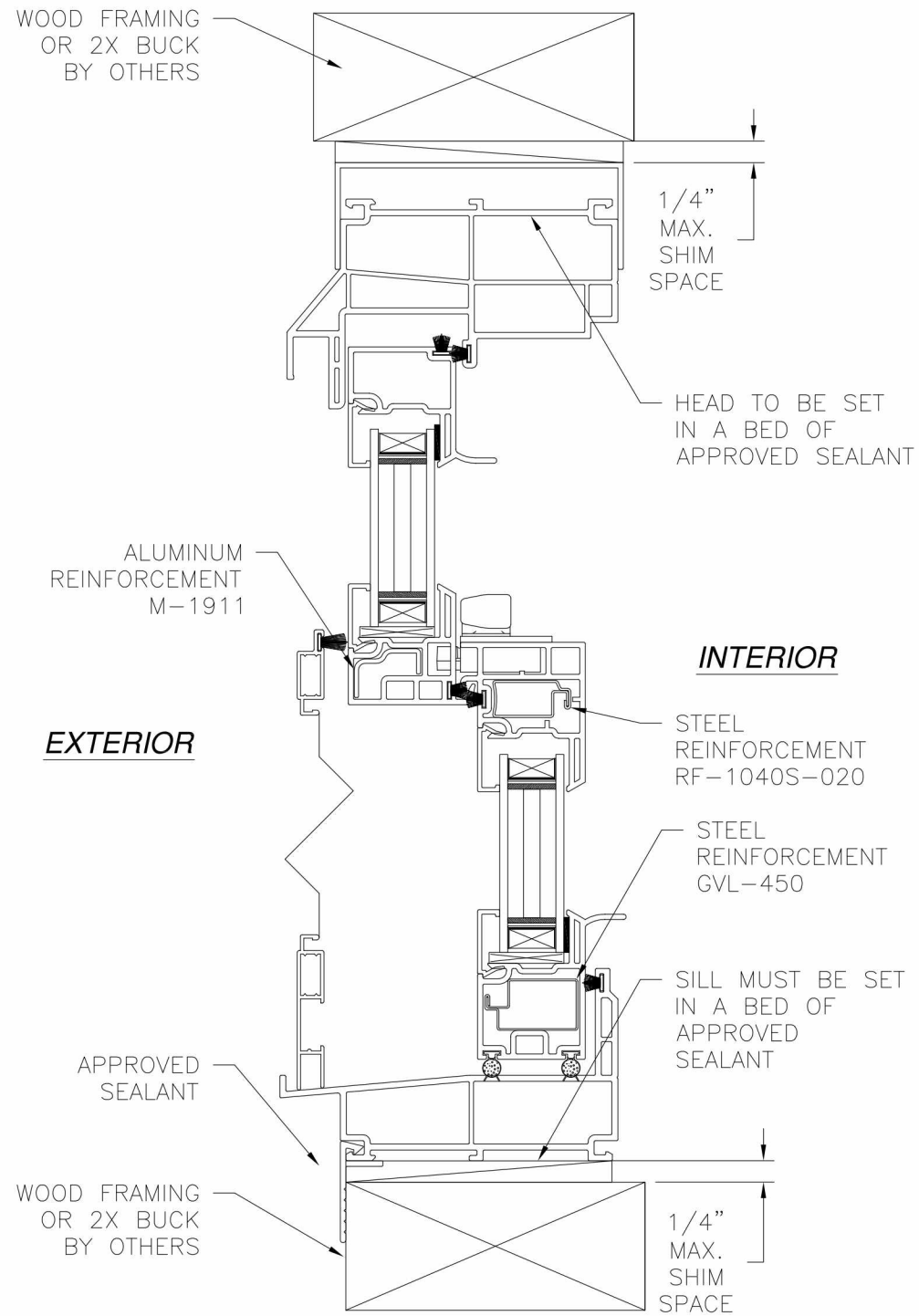


TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION, ANCHORING AND NOTES
2 – 5	INSTALLATION DETAILS

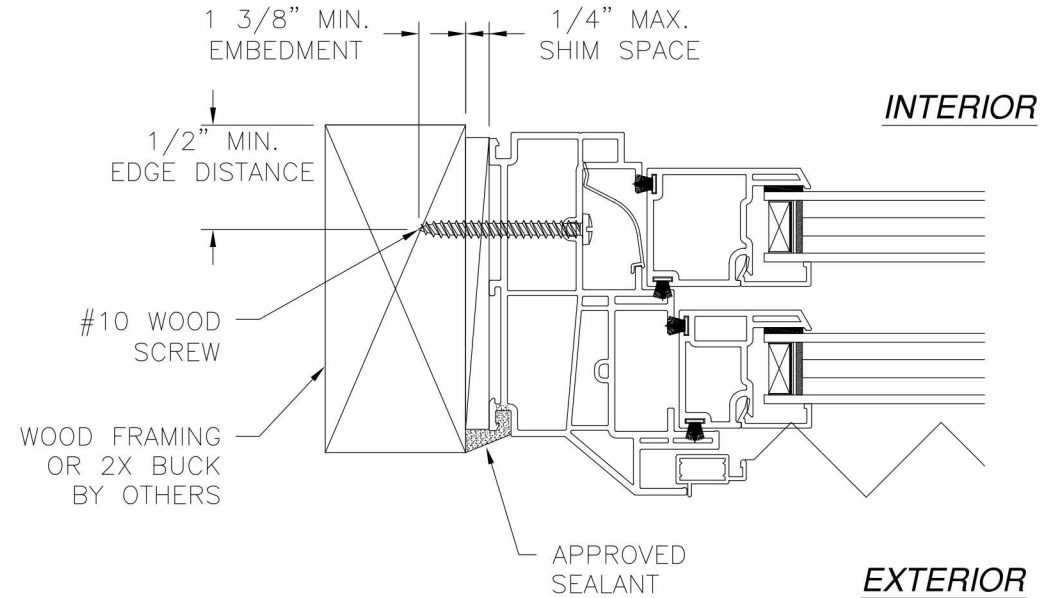
MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 1650 DH PVC DOUBLE HUNG 52" x 60" NON – IMPACT ELEVATION AND NOTES		
DRAWN: V.L.	DWG NO. 08-01776	REV A
SCALE NTS	DATE 09/14/12	SHEET 1 OF 5

SIGNED: 07/28/2016





VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

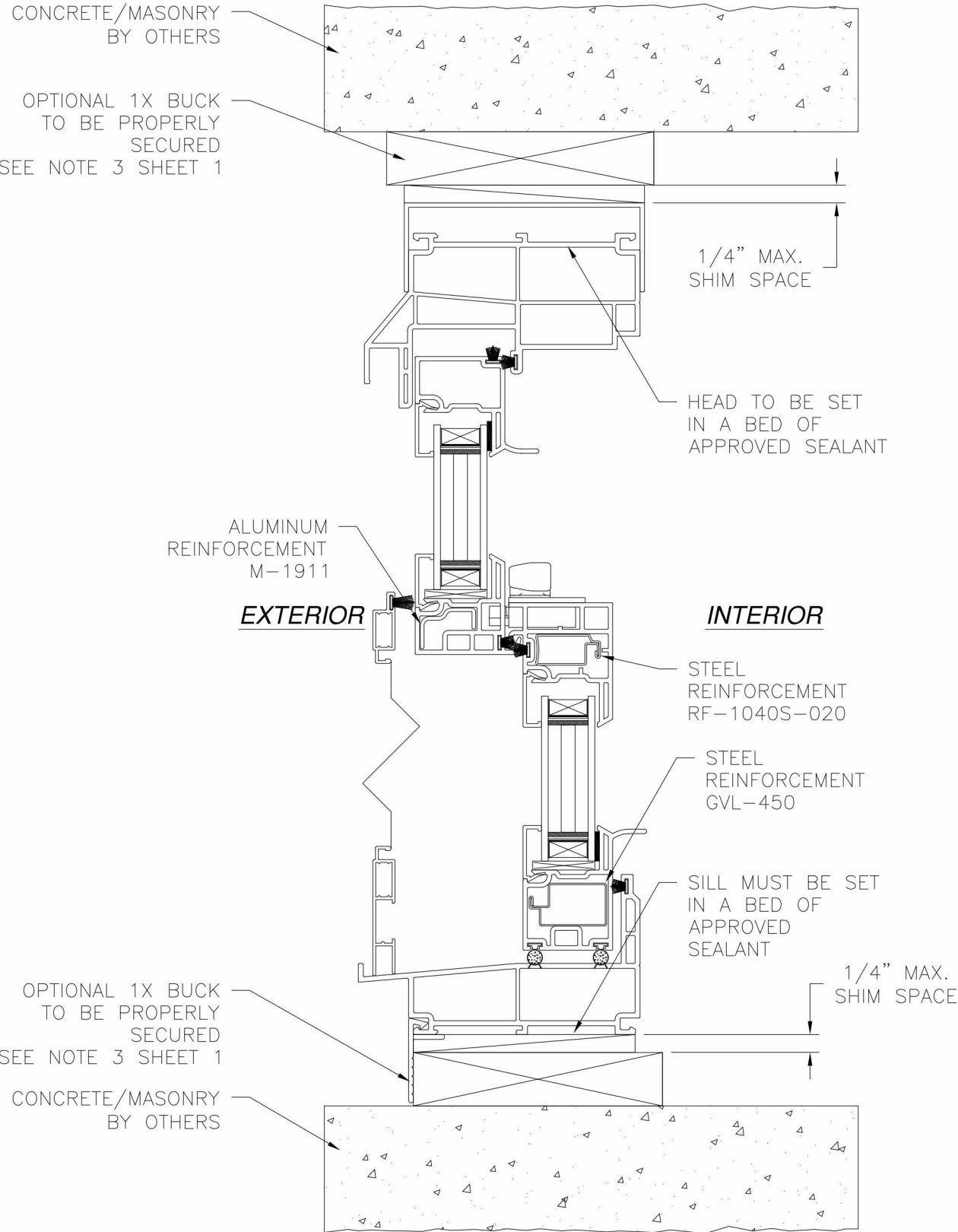
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED NOTES	07/27/16	R.L.

SIGNED: 07/28/2016

MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030		
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DRAWN: V.L.	DWG NO. 08-01776	REV A
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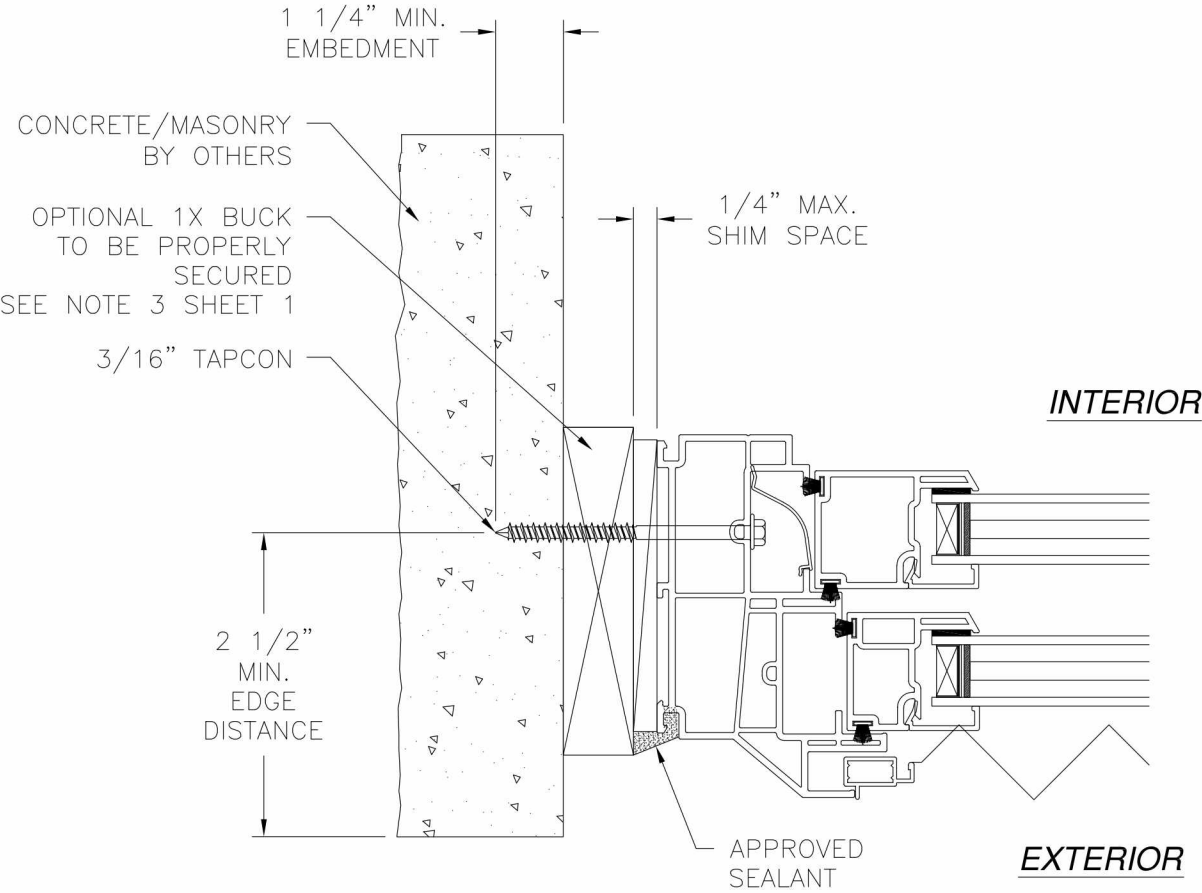




VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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

SERIES 1650 DH PVC DOUBLE HUNG
52" x 60" NON - IMPACT
FINLESS INSTALLATION DETAILS

DRAWN:
V.L.

DWG NO.
08-01776

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A

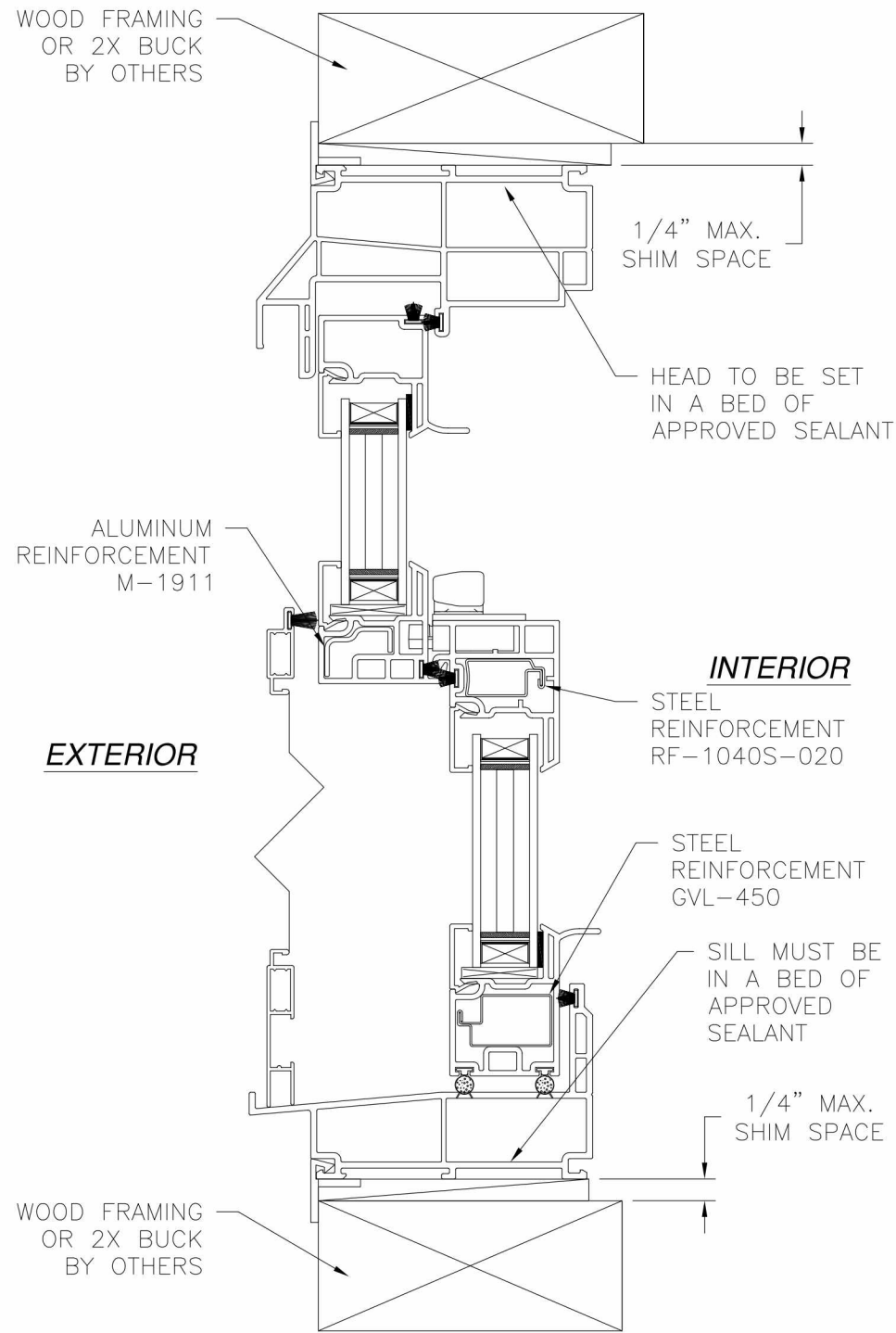
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DATE 09/14/12

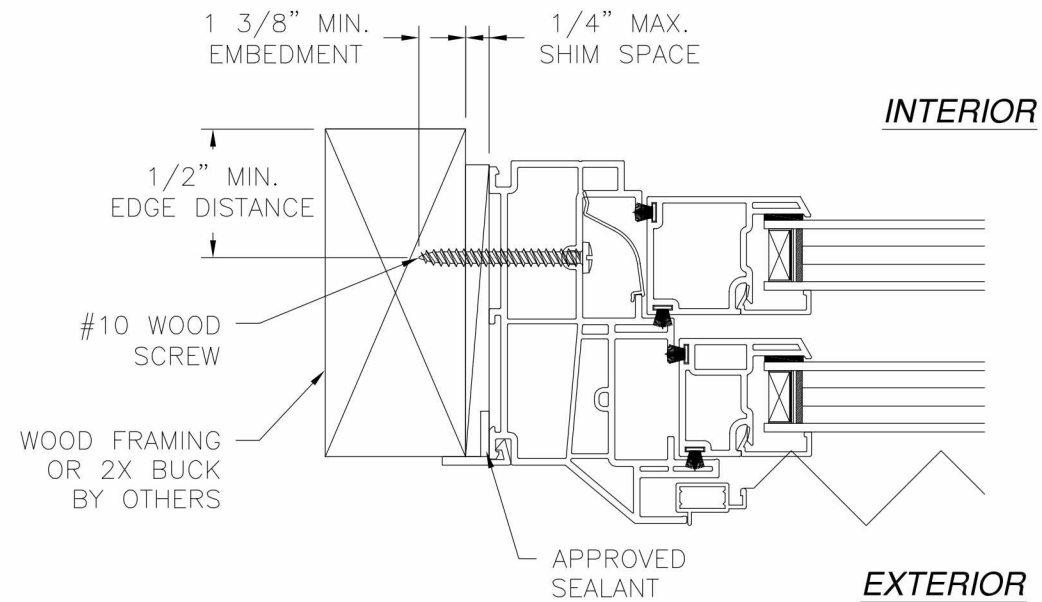
SHEET 3 OF 5

SIGNED: 07/28/2016





VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



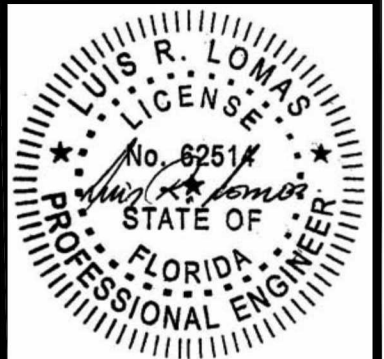
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WOOD FRAMING OR 2X BUCK INSTALLATION

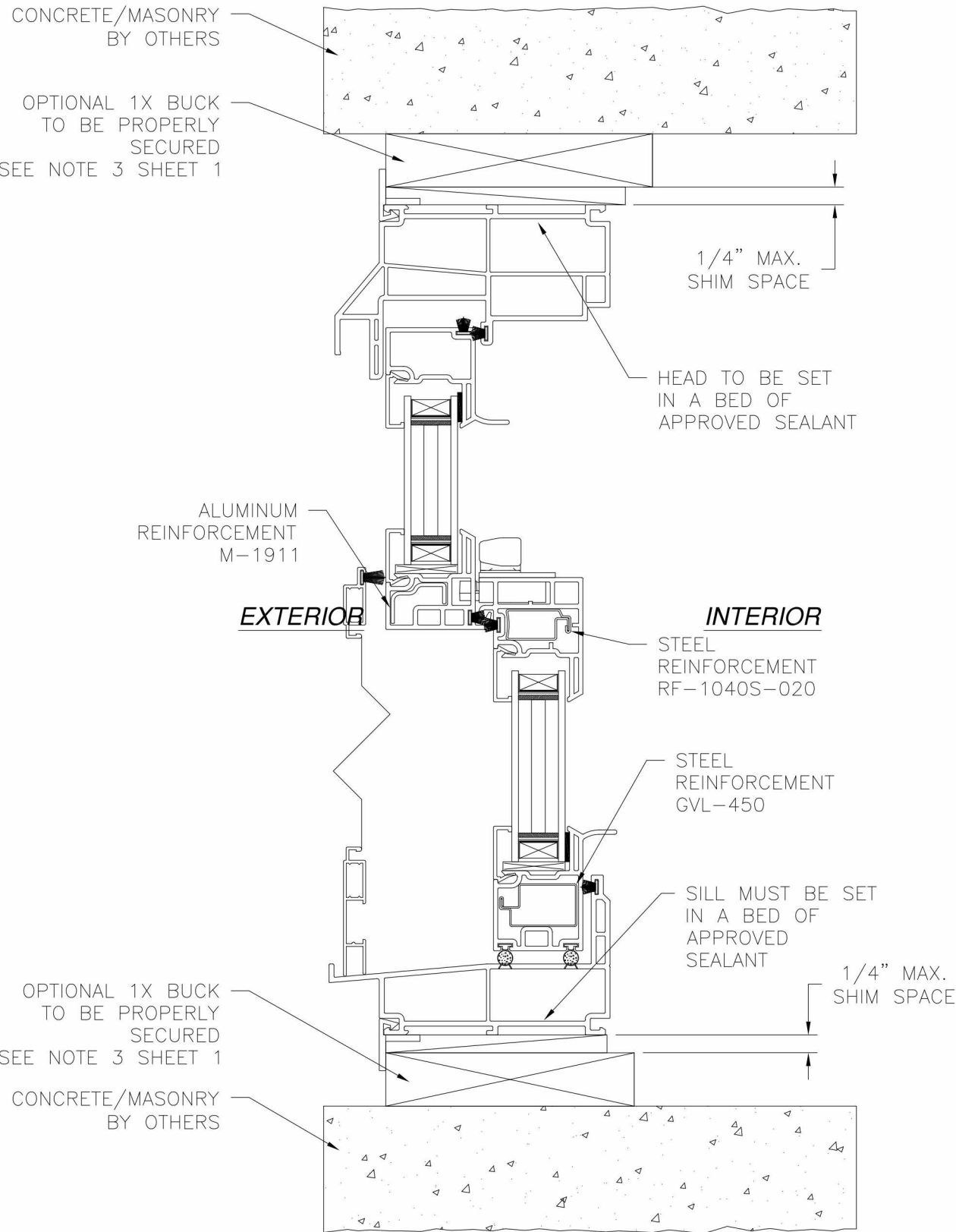
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DRAWN: V.L.	DWG NO. 08-01776	REV A
SCALE NTS	DATE 09/14/12	SHEET 4 OF 5

SIGNED: 07/28/2016

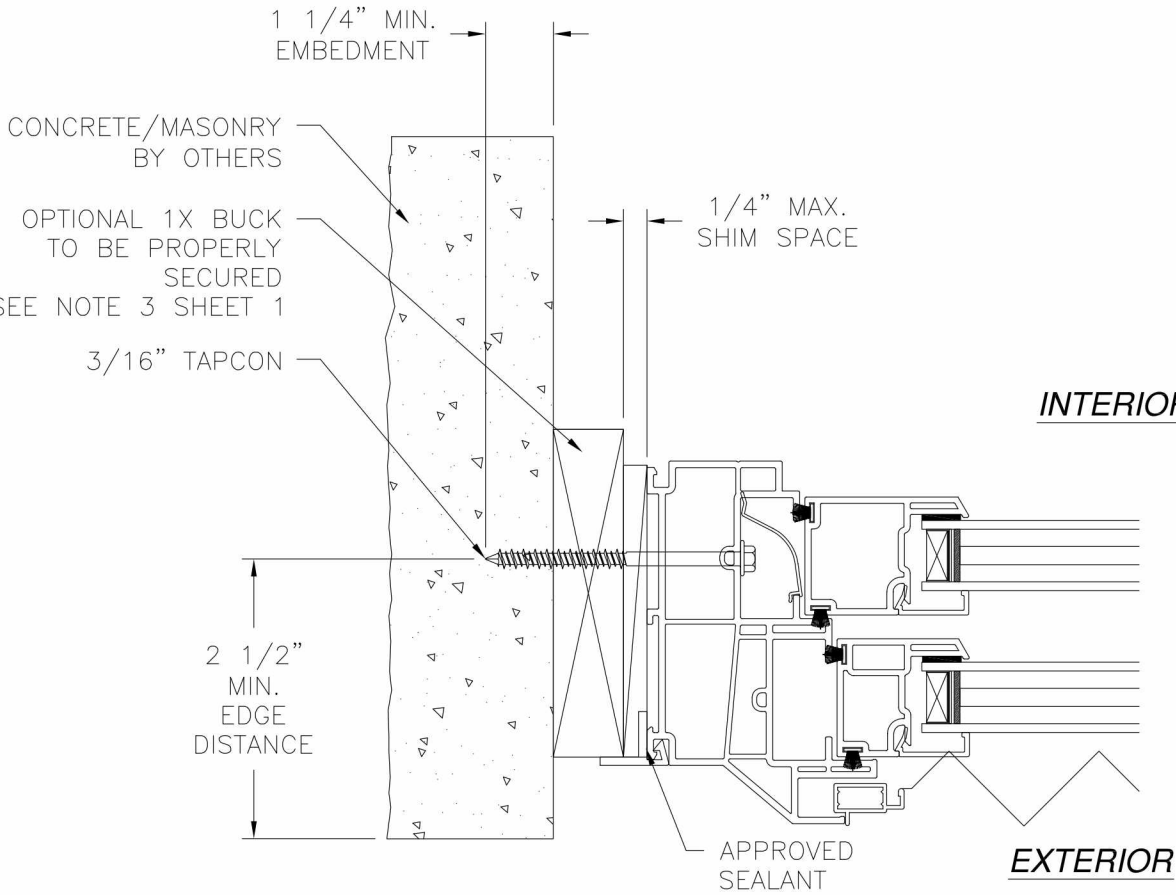




VERTICAL CROSS SECTION
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