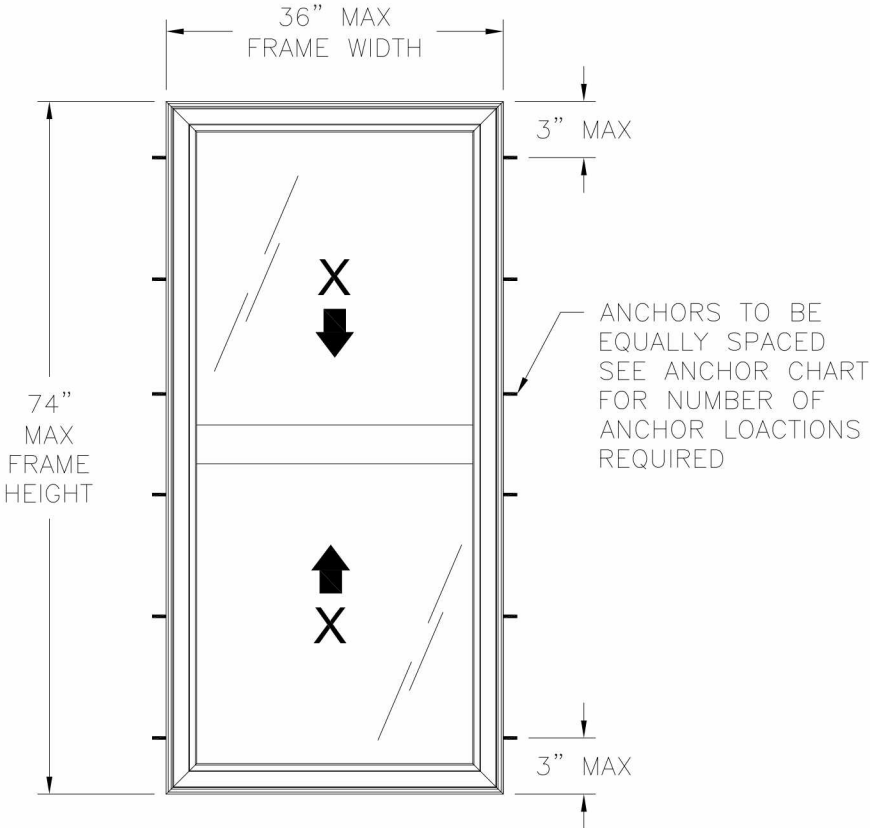


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SERIES 1650 DH DOUBLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+40.0/-50.0PSF	NONE

Number of anchors required at each jamb			
Height (in)	Panel width (in)		
	24.0	30.0	36.0
24.0	2	2	2
30.0	3	3	3
36.0	3	3	3
42.0	3	3	3
48.0	4	4	4
54.0	4	4	4
60.0	4	4	4
66.0	5	5	5
72.0	5	5	5
74.0	5	5	5

- 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, SEE SHEET 1 FOR GLASS OPTIONS.
 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).

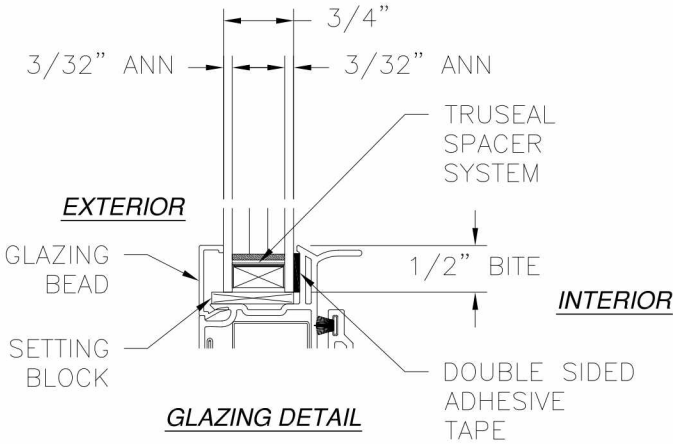


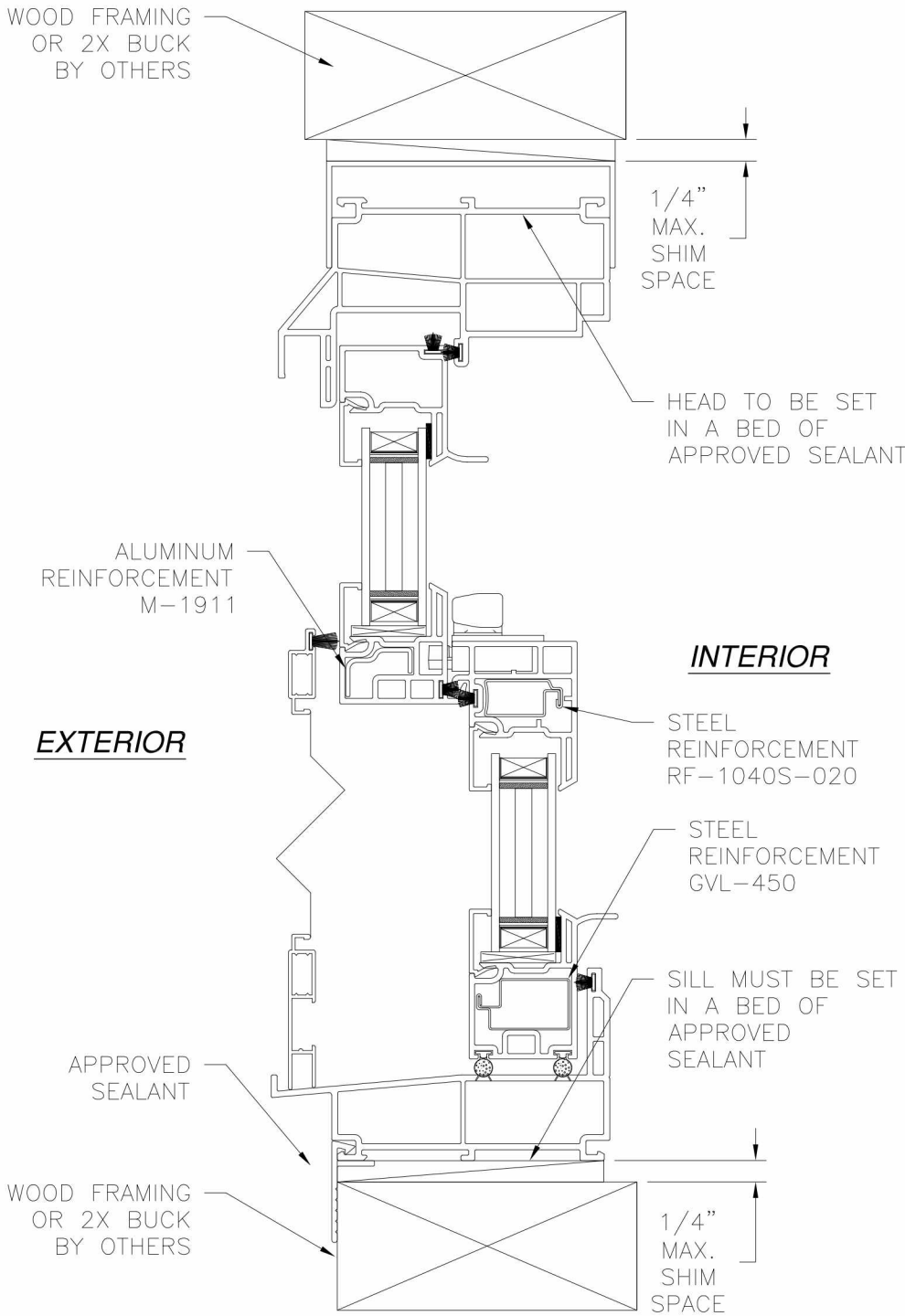
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MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 1650 DH PVC DOUBLE HUNG 36" x 74" NON – IMPACT ELEVATION AND NOTES		
DRAWN: V.L.	DWG NO. 08-01780	REV —
SCALE NTS	DATE 09/14/12	SHEET 1 OF 5

SIGNED: 09/17/2012

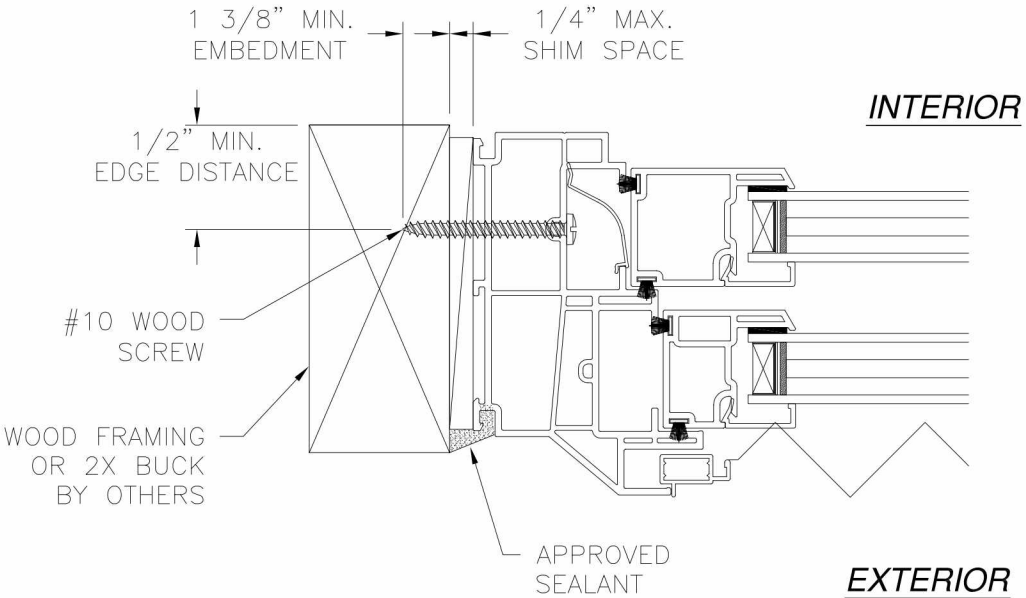


REVISIONS			
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

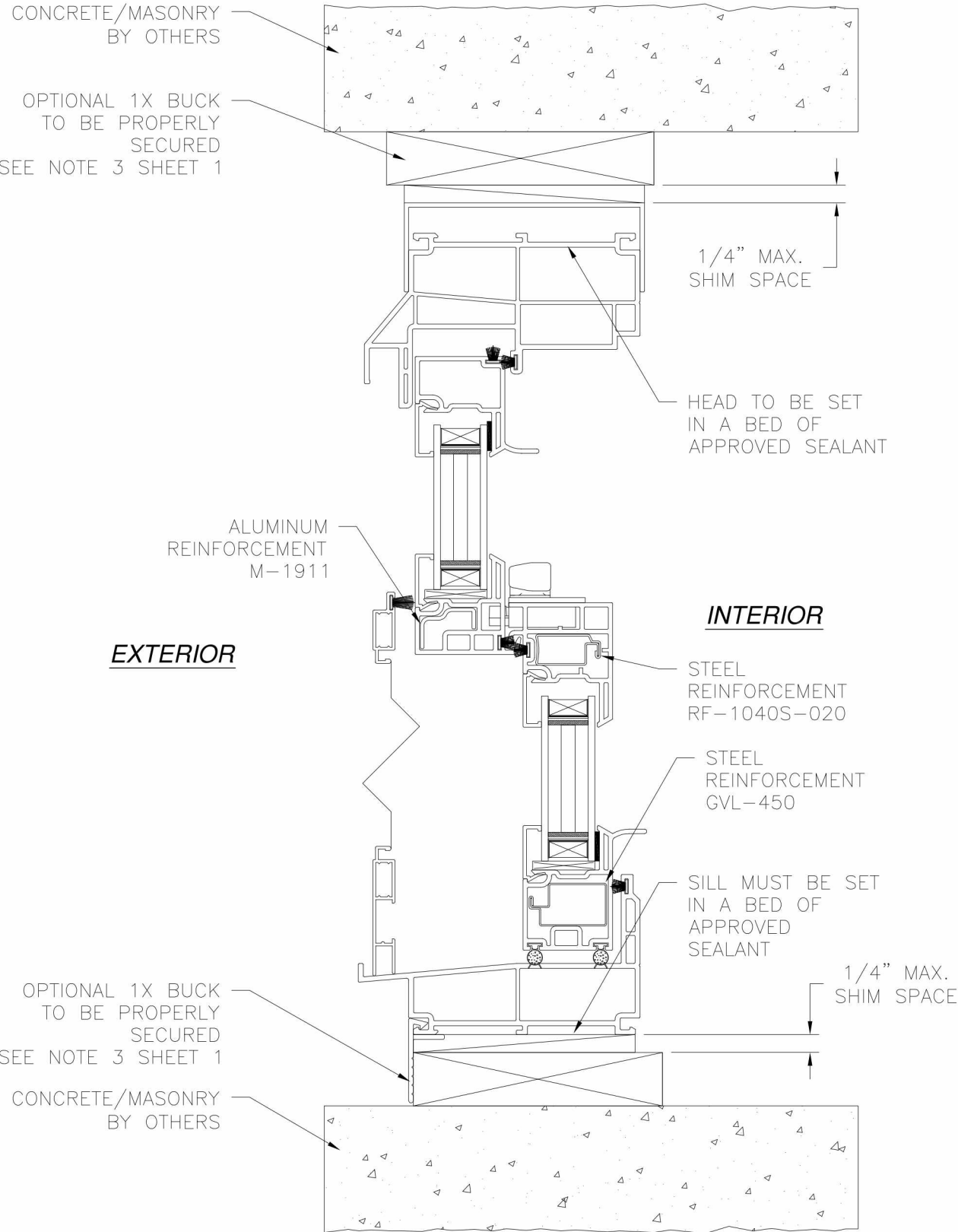
NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT
SHOWN FOR CLARITY.



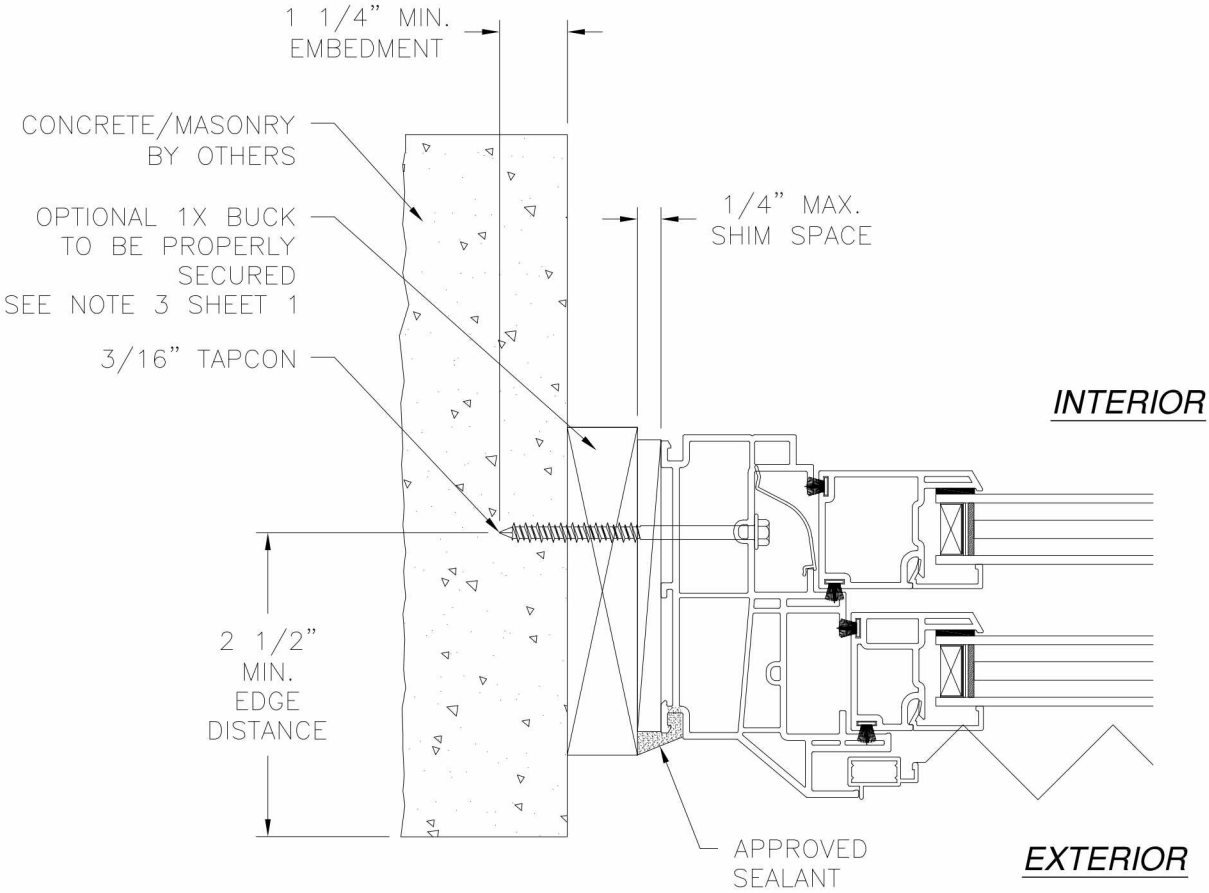
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 1650 DH PVC DOUBLE HUNG 36" x 74" NON - IMPACT FINLESS INSTALLATION DETAILS		
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SCALE NTS	DATE 09/14/12	SHEET 2 OF 5





VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



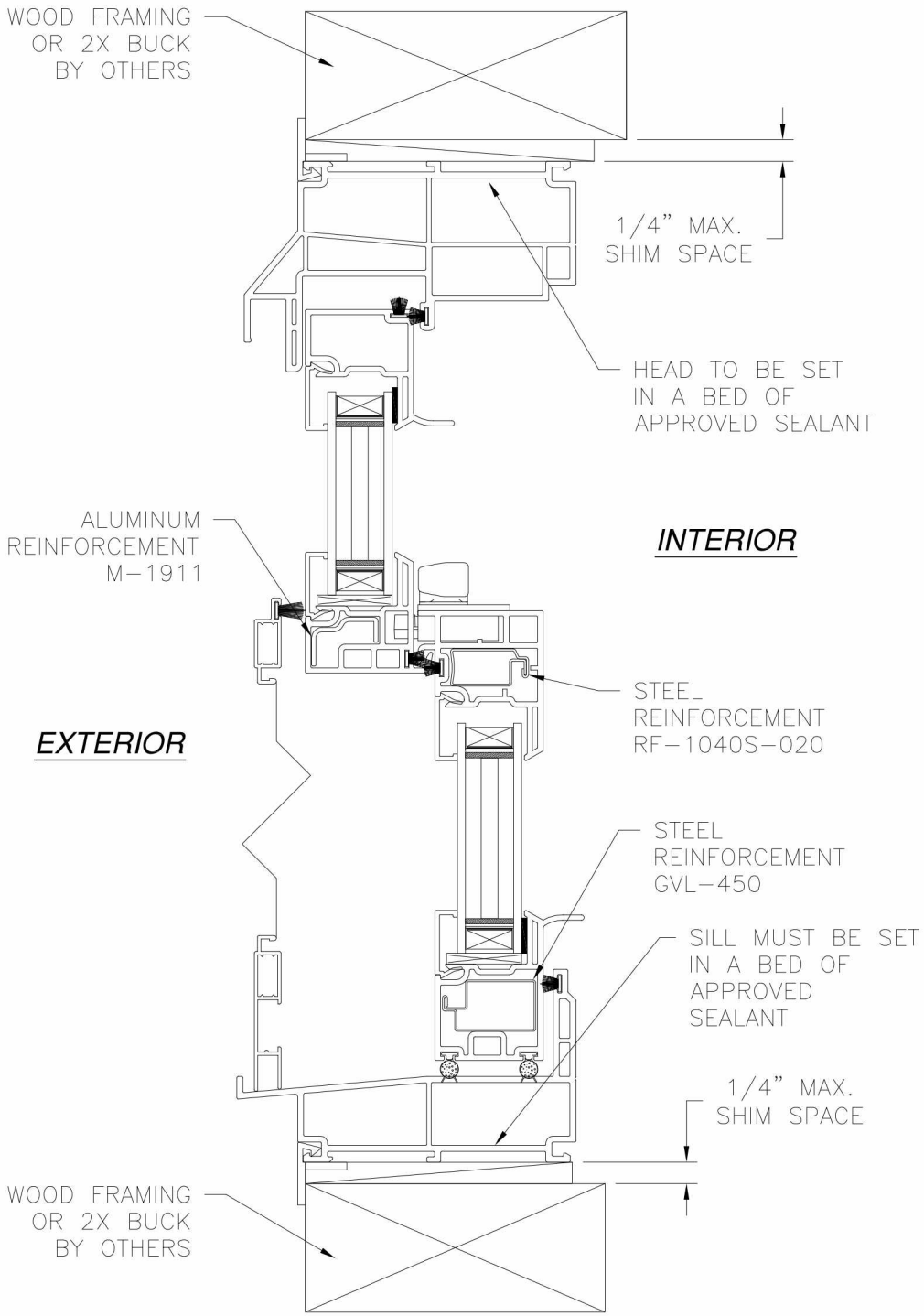
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030		
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DRAWN: V.L.	DWG NO. 08-01780	REV —
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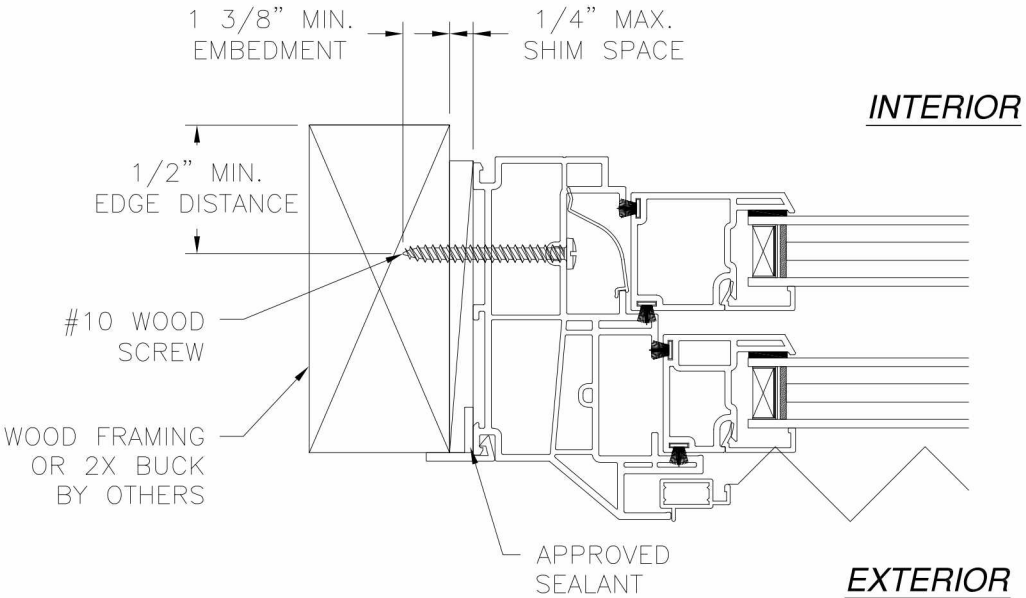


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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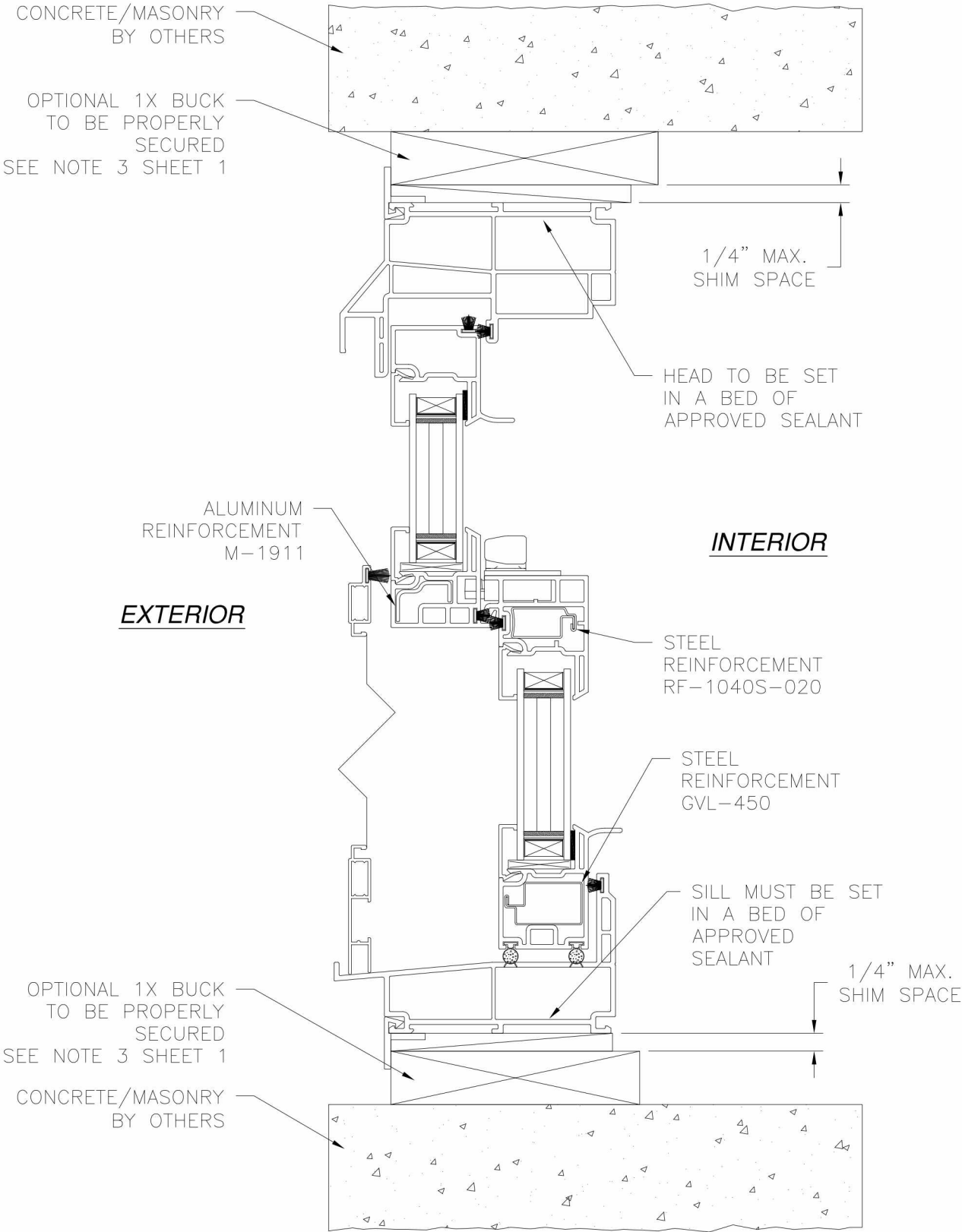


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

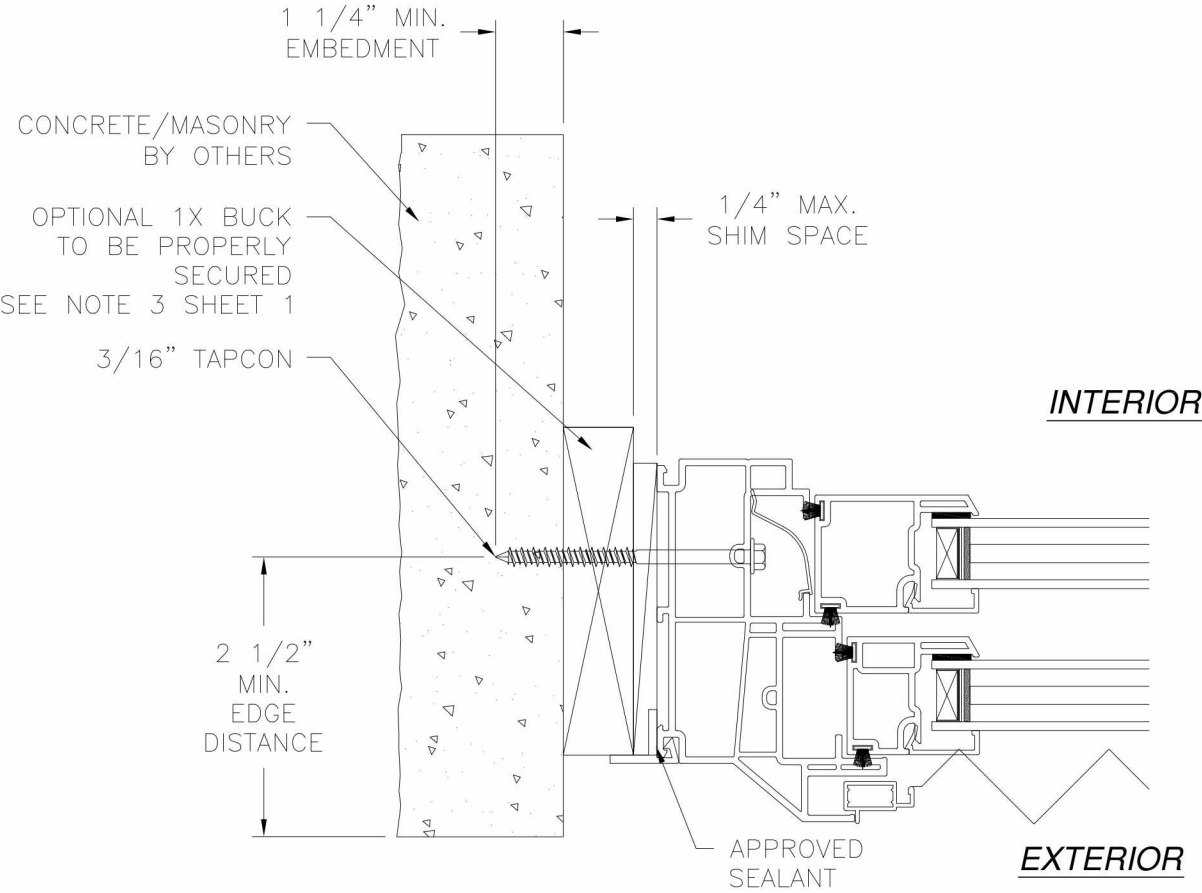
MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030		
SERIES 1650 DH PVC DOUBLE HUNG 36" x 74" NON - IMPACT FLANGE INSTALLATION DETAILS		
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SCALE NTS	DATE 09/14/12	SHEET 4 OF 5



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.

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

SERIES 1650 DH PVC DOUBLE HUNG
36" x 74" NON - IMPACT
FLANGE INSTALLATION DETAILS

DRAWN:
V.L.

DWG NO.
08-01780

REV
-

SCALE
NTS

DATE
09/14/12

SHEET
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