

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online at www.floridabuilding.org

CATEGORY/SUBCATEGORY	MANUFACTURER	PRODUCT DESCRIPTION	APPROVAL NUMBERS(S)
1. EXTERIOR DOORS	Jeld Wen	Prefurn Gt Unit	PL# 14569.4
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MI	Single Hung/Double	PL# 47886-R4
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL	Tri County	29 ga galvalum	PL# 36904.2 R10
C. ROFFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
A. ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; (1) copy of the product approval (2) performance characteristics which the product was tested and certified to comply with (3) copy of the applicable manufacturer's installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Charlotte Johnson
Applicant Signature

Jan 2025
Date

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FORDA BUILDING CODE INCLUDING THE HVH2.
 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" 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. 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 UNIT FRAME 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, IMPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
 9. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
 10. FRAME MATERIAL: EXTRUDED RIGID PVC.
 11. UNITS MUST BE GLAZED PER ASTM E1300.
 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 #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.
14. 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" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. 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.
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 $F_m=2,000$ PSI MINIMUM.
- 17.4. METAL STRUCTURE: STEEL 18GA (.048") $F_y=33$ KSI/FU=52 KSI OR ALUMINUM 6061-T5 $F_u=30$ KSI $F_y=1/8"$ THICK MINIMUM

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED PER NEW CODE	10/17/2023	R.L.

FL # 47886-R4

SIGNED: 10/17/2023

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

SERIES 3240/3540 FLANGE DVC SINGLE HUNG
STEEL REINFORCED WINDOW NON-IMPACT 36" x 74"

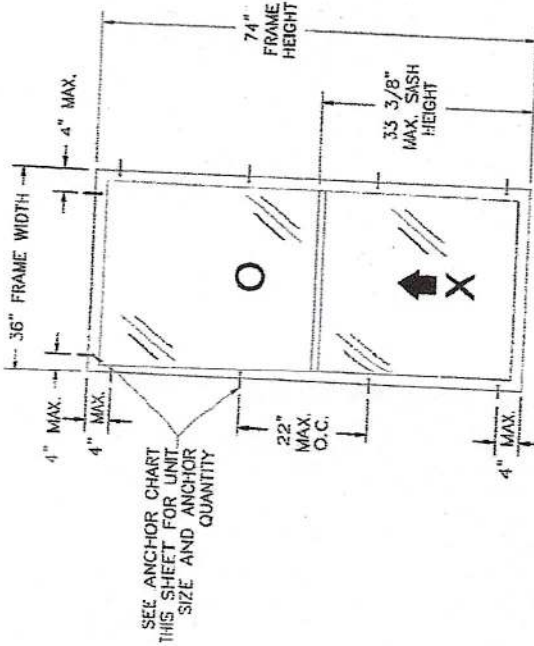
NOTES

DRAWN: T.J.H.
SCALE: NTS
DATE: 05/23/11
REV: D
DWG NO: 08-01252
SHEET 1 OF 9

L. ROBERTO LOMAS P.E.
208 7th Ave. INDIANAPOLIS, IN 46203
434-688-0003 (rlomas@miwindows.com)

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

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 - 8	INSTALLATION DETAILS
9	COMPONENTS



SERIES 3240/3540 FLANGE PVC SINGLE HUNG WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+35.0/-30.0 PSF	NONE

36" X 74" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS FRAME AREA DOES NOT EXCEED 18.5 FT²

Frame Height (in)	Frame Width (in)							
	18.00	24.00	30.00	36.00	42.00	48.00	54.00	60.00
24.00	2	2	2	2	2	2	2	2
30.00	2	2	2	2	2	2	2	2
36.00	2	2	2	2	2	2	2	2
42.00	2	2	2	2	2	2	2	2
48.00	2	2	2	2	2	2	2	2
54.00	2	2	2	2	2	2	2	2
60.00	2	2	2	2	2	2	2	2
66.00	2	2	2	2	2	2	2	2
72.00	2	2	2	2	2	2	2	2
78.00	2	2	2	2	2	2	2	2

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		R.I.

SIGNED: 10/17/2023



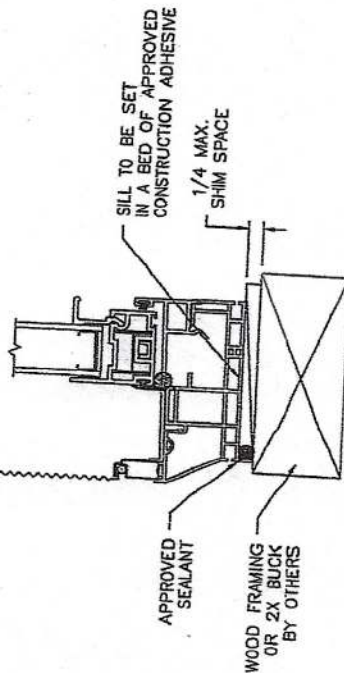
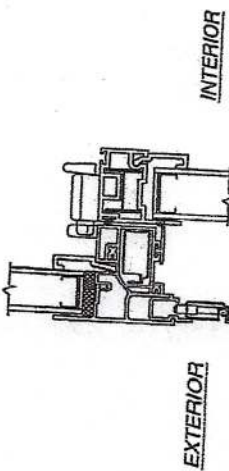
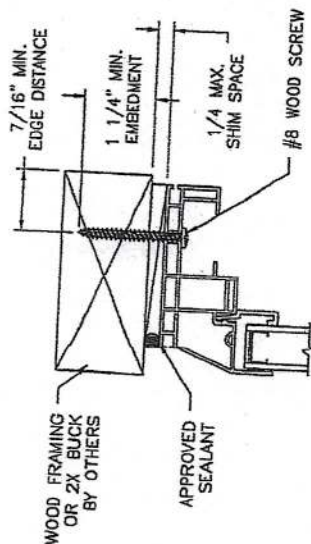
Luis R. Lomas P.E.
FL No.: 62514

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

SERIES 3240/3540 FLANGE PVC SINGLE HUNG
STEEL REINFORCED WINDOW NON-IMPACT 36" x 74"
ELEVATION

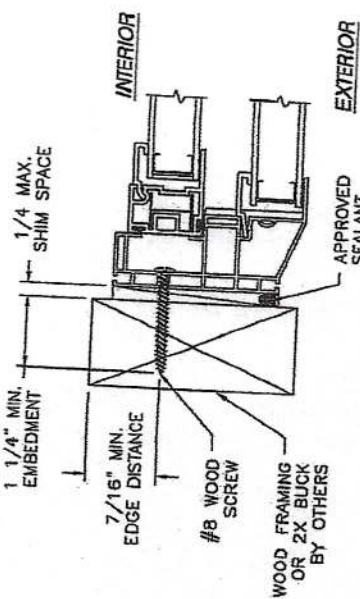
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SCALE NTS	DATE 05/23/11	SHEET 2 OF 9		
L. ROBERTO LOMAS P.E. 200 7th Ave. INDALANTIC, FL 32003 434-680-0009 rlomas@miwindows.com				

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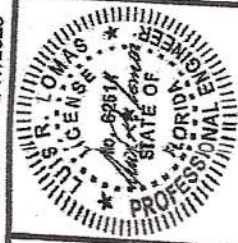
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

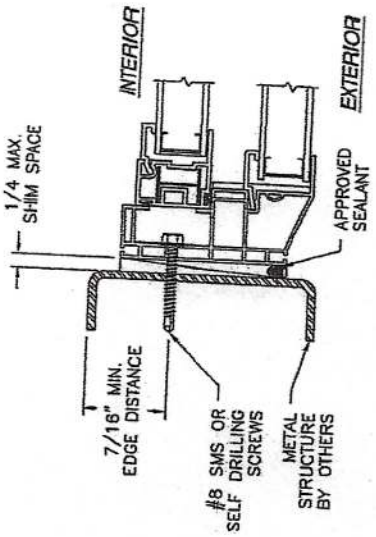
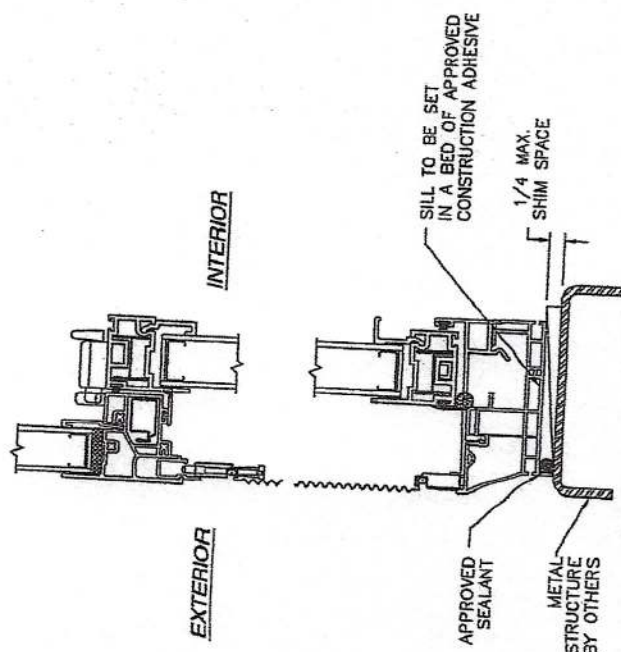
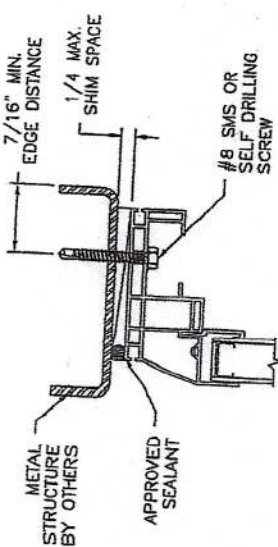
SIGNED: 10/17/2023



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

MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370	
SERIES 3240/3540 FLANGE OVC SINGLE HUNG STEEL REINFORCED WINDOW NON-IMPACT 36"x74" INSTALLATION DETAILS	
DRAWN: T.J.H.	DATE: 05/23/11
SCALE: NTS	REV: D
DATE: 08-01252	SHEET 3 OF 9
L. ROBERTO LOMAS PE 208 7th Ave NW ATLANTA, GA 30303 404-588-0809 rlomas@miwindows.com	

REVISIONS			
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D	REVISED PER NEW CODE	10/17/2023	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

SIGNED: 10/17/2023

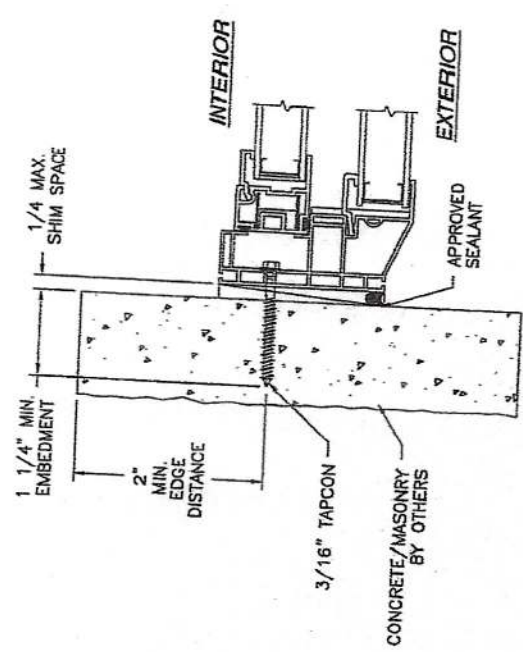
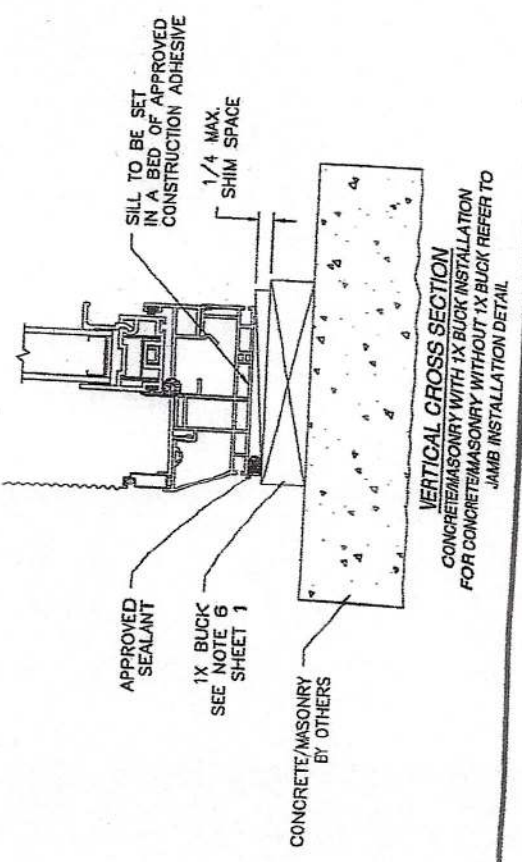
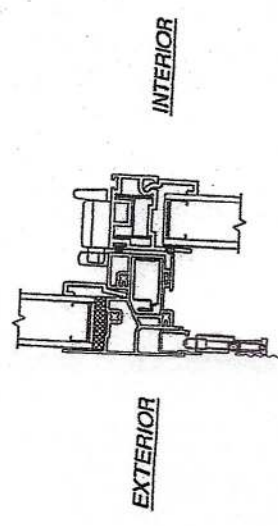
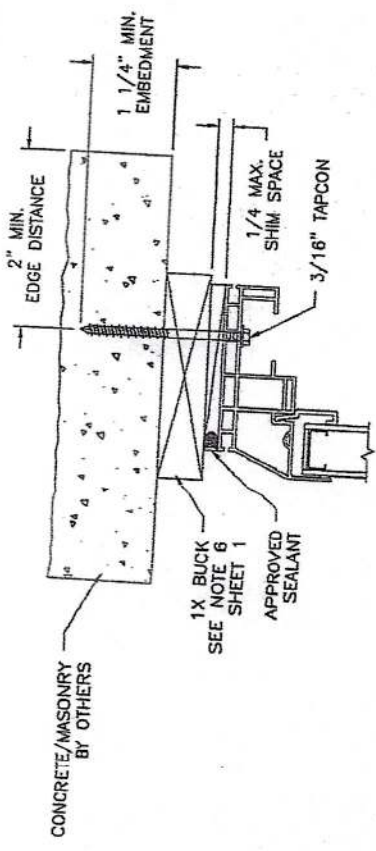
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DRAWN: T.J.H.	DATE: 05/23/11
SCALE: NTS	DATE: 08-01252
REV: D	SHEET: 4 OF 9
L. ROBERTO LOMAS P.E. 208 7th Ave. NW, ATLANTA, GA 30309 404-685-0809 rllomas@miwindows.com	



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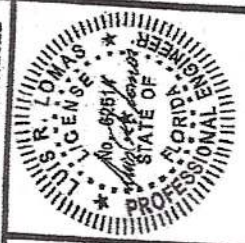
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JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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 FL No.: 62514

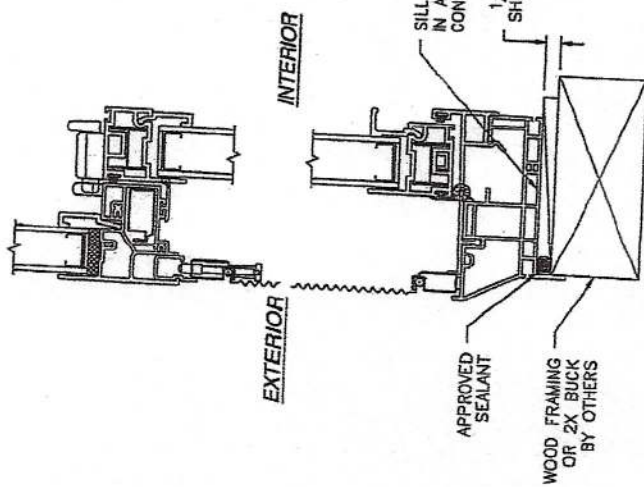
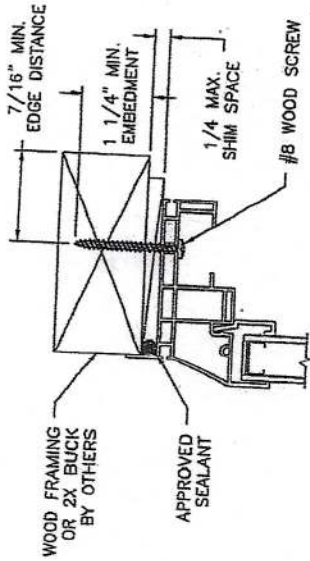
MI WINDOWS AND DOORS, LLC
 650 WEST MARKET STREET
 GRATZ, PA 17030-0370

SERIES 3240/3540 FLANGE OVC SINGLE HUNG
 STEEL REINFORCED WINDOW NON-IMPACT 36"x74"
 INSTALLATION DETAILS

DRAWN:	DATE	DATE	DATE	DATE	DATE
T.J.H.	05/23/11	08-01252	05/23/11	08-01252	05/23/11
SCALE	NTS	NTS	NTS	NTS	NTS
REV	D	D	D	D	D
SHEET	5	5	5	5	5
OF	9	9	9	9	9

L. ROBERTO LOMAS P.E.
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 rlomas@miwindows.com

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED PER NEW CODE	10/17/2023	R.L.



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:
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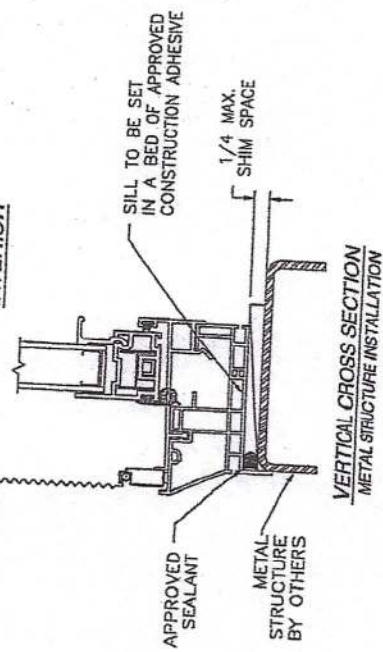
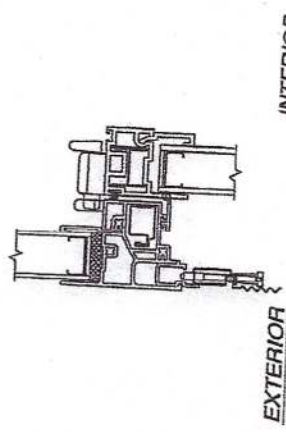
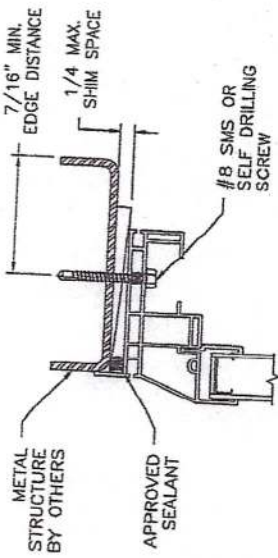
SIGNED: 10/17/2023



Luis R. Lomas P.E.
FL No.: 82514

MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370	
SERIES 3240/3540 FLANGE OVC SINGLE HUNG STEEL REINFORCED WINDOW NON-IMPACT 36" x 74" FLANGE INSTALLATION DETAILS	
DRAWN: T.J.H.	DATE: 05/23/11
SCALE: NTS	DATE: 08-01252
NTS	SHEET 6 OF 9
L. ROBERTO LOMAS PE 208 7th Ave, INDIANAPOLIS, IN 46203 414-688-0000 rllomas@miwindows.com	

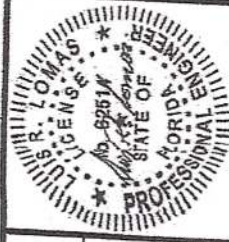
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

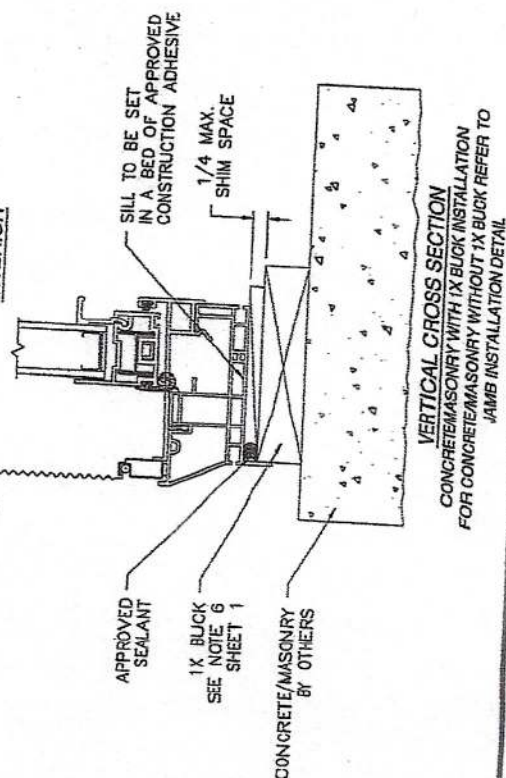
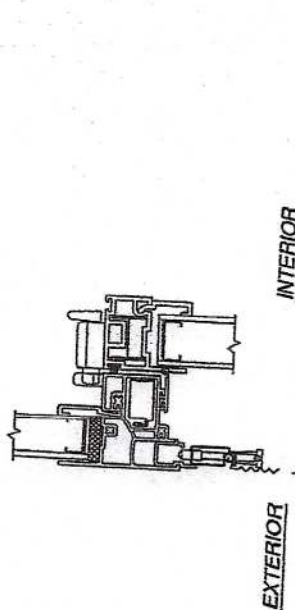
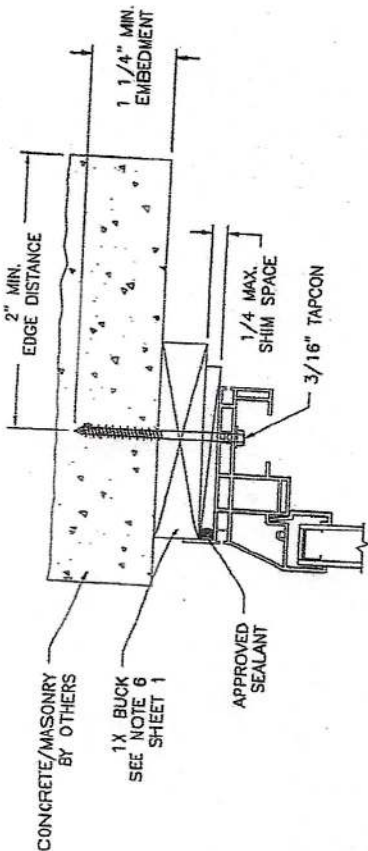
SIGNED: 10/17/2023

MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370	
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DRAWN: T.J.H.	DATE: 05/23/11
SCALE: NTS	DATE: 08-01252
REV: D	SHEET: 7 OF 9
L. ROBERTO LOMAS JR. 200 7th Ave. NW, ATLANTA, GA 30303 404-688-0003 dlomas@miwindows.com	

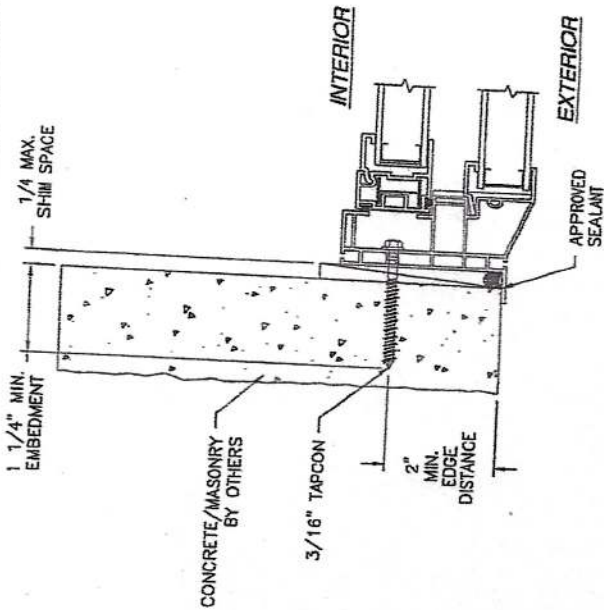


Luis R. Lomas P.E.
FL No.: 62514

- NOTES:
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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E212



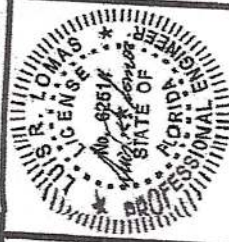
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JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

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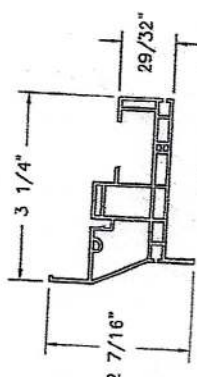
SIGNED: 10/17/2023



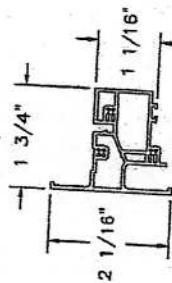
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MI WINDOWS AND DOORS, LLC 650 WEST MARKET STREET GRATZ, PA 17030-0370			
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SCALE NTS	DATE 05/23/11	SHEET 8	OF 9
L. ROBERTO LOMAS PE 208 7th Ave. INDIANAPOLIS, IN 46203 424-686-0609 rllomas@miwindows.com			

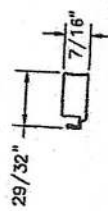
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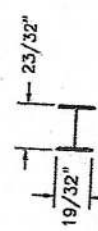
MAIN FRAME
PVC (N-634NF)



FIXED MEETING RAIL
PVC (V-321)



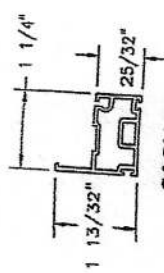
MEETING RAIL REINFORCEMENT
STEEL .018" THICK (RF-104S-020)



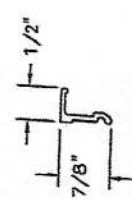
SASH REINFORCEMENT
STEEL .020" THICK (3VL-451-020)



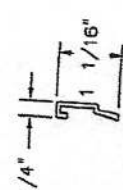
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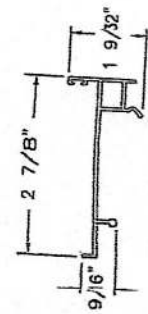
SASH RAIL
PVC (N-461)



LIFT BEAD
PVC



GLAZING BEAD
PVC



SNAP IN SILL
PVC (N-661)

SIGNED: 10/17/2023

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DRAWN: TJH	DATE 05/23/11	DWG NO. 08-01252	REV D
SCALE NTS	SHEET 9	OF 9	
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