

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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" 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. 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 UNIT FRAME 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.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. 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.

15. 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.
16. 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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 .125" THICK MINIMUM

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 5	INSTALLATION DETAILS
6	COMPONENTS

KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

SERIES 420 SINGLE HUNG WINDOW
48" X 72" NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03651

REV
-

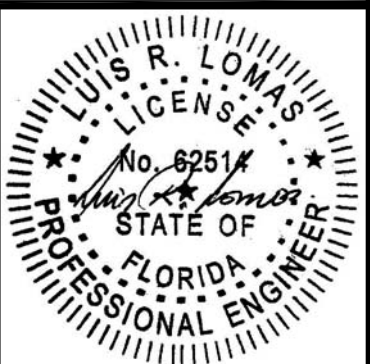
SCALE NTS

DATE 12/07/2020

SHEET 1 OF 6

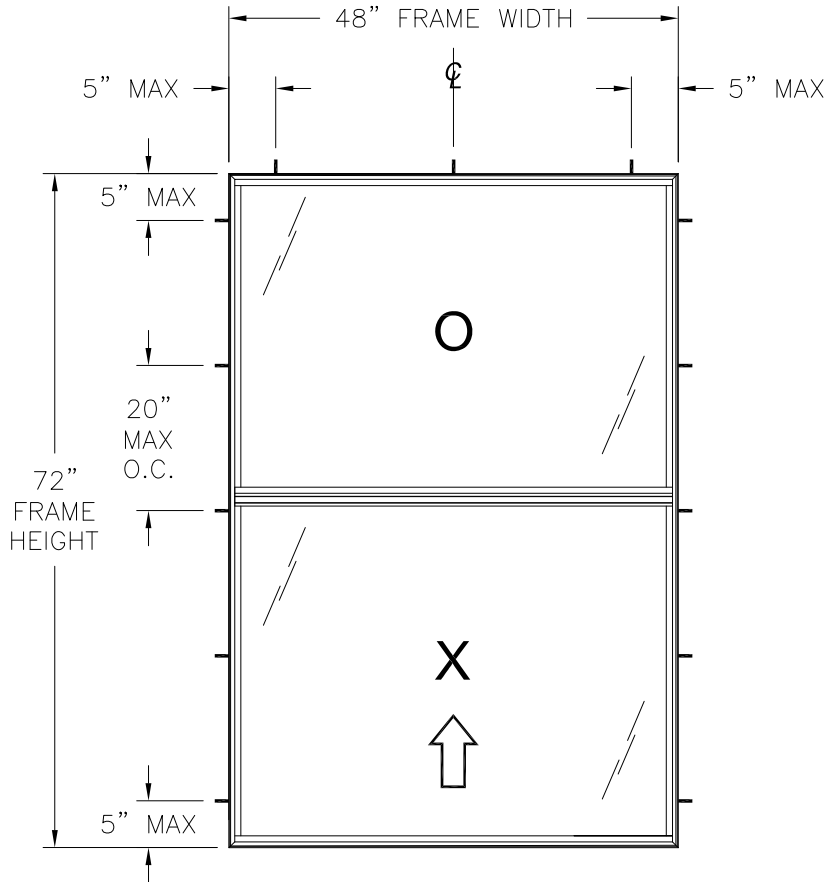
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 12/21/2020



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

48" X 72" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 24.0 FT²

- NOTES:
- 1. SASH SIZE: 45 9/16" X 35 5/16"
 - 2. SASH D.L.O.: 42 1/2" X 32 3/16"
 - 3. FIXED D.L.O.: 44 15/16" X 33 1/8"

HARDWARE SCHEDULE

A.	(1) COMPOSITE PLASTIC CAM ACTION LOCKS, 4" FROM EACH END OF SASH TOP RAIL
B.	(1) BLOCK AND TACKLE TILT TYPE BALANCE PER JAMB
C.	PIVOT BAR AT SASH BOTTOM RAIL
D.	SNAP-IN TILT LATCH AT EACH END OF SASH TOP RAIL
E.	6063-T5 ALUMINUM REINFORCEMENT (203A) AT FIXED INTERLOCK, FULL SPAN
F.	6063-T5 ALUMINUM REINFORCEMENT (202A) AT SASH TOP RAIL BETWEEN TILT LATCHES AND INSIDE SASH STILES FULL SPAN

KRESTMARK INDUSTRIES, L.P.
3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

SERIES 420 SINGLE HUNG WINDOW
48" X 72" NON-IMPACT
ELEVATIONS

DRAWN:
A.R.

DWG NO.
08-03651

REV
-

SCALE NTS

DATE 12/07/2020

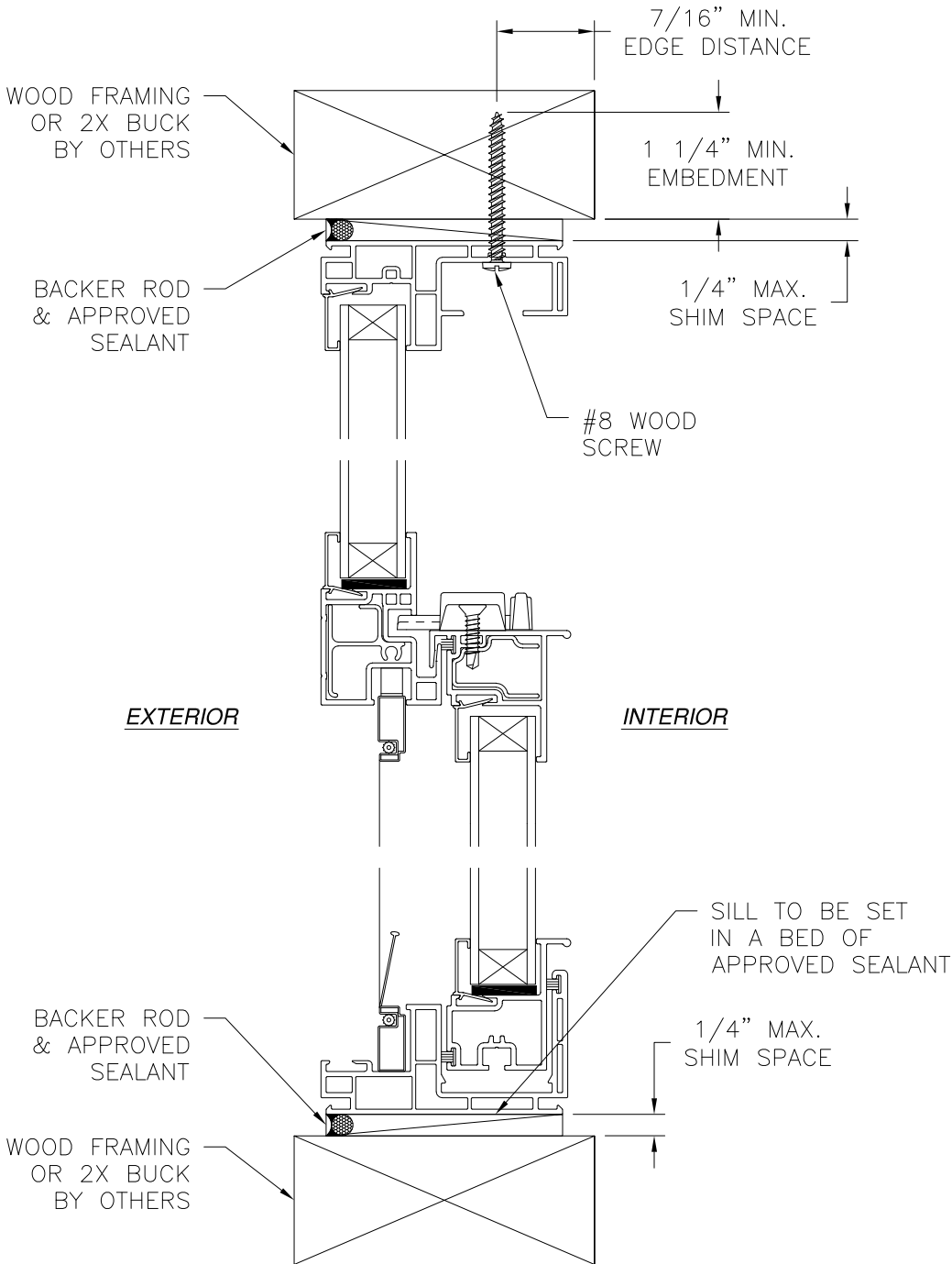
SHEET 2 OF 6

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

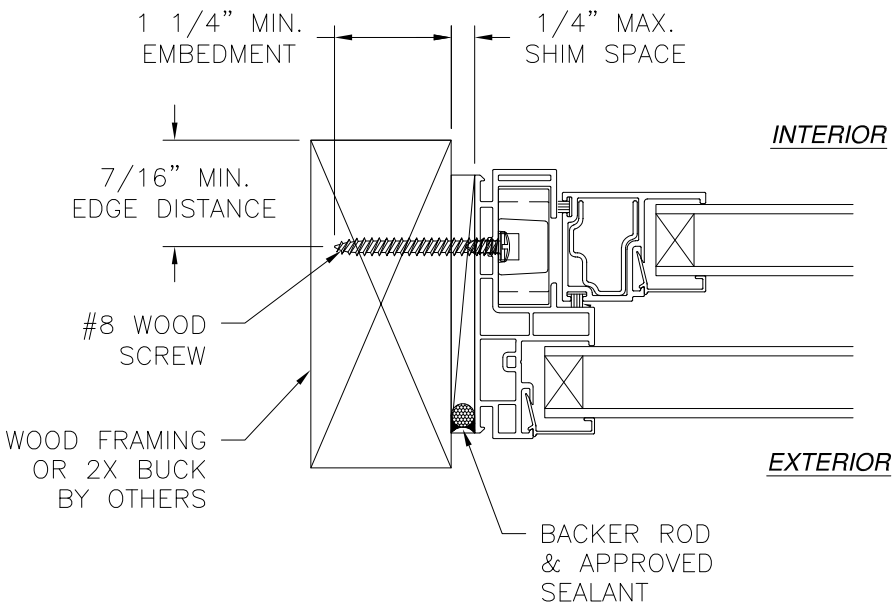
SIGNED: 12/21/2020

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



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

SIGNED: 12/21/2020

KRESTMARK INDUSTRIES, L.P.

3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

SERIES 420 SINGLE HUNG WINDOW

48" X 72" NON-IMPACT

INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03651

REV -

SCALE NTS

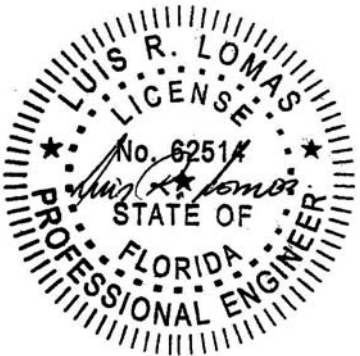
DATE 12/07/2020

SHEET 3 OF 6

L. ROBERTO LOMAS P.E.

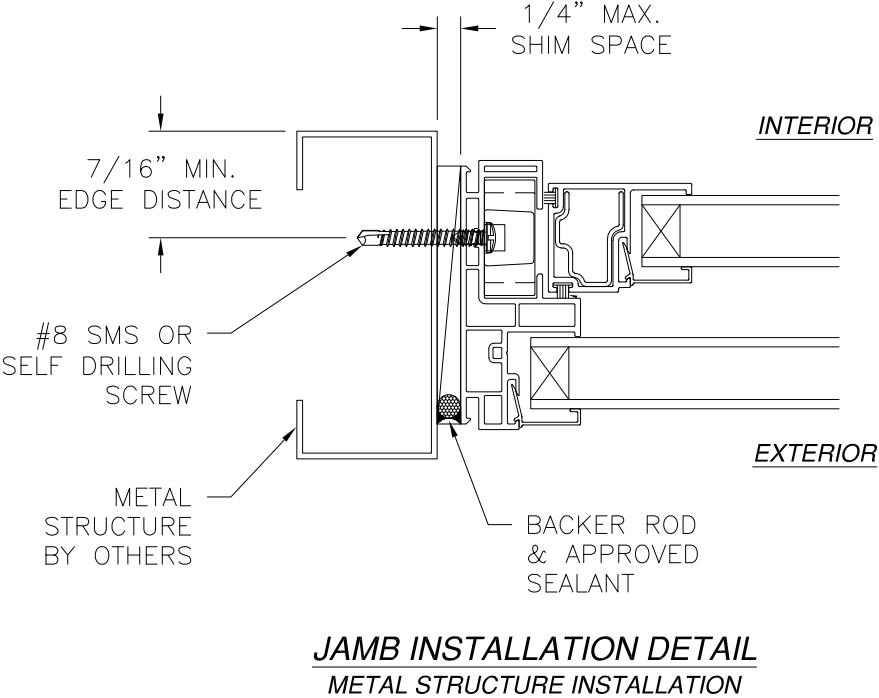
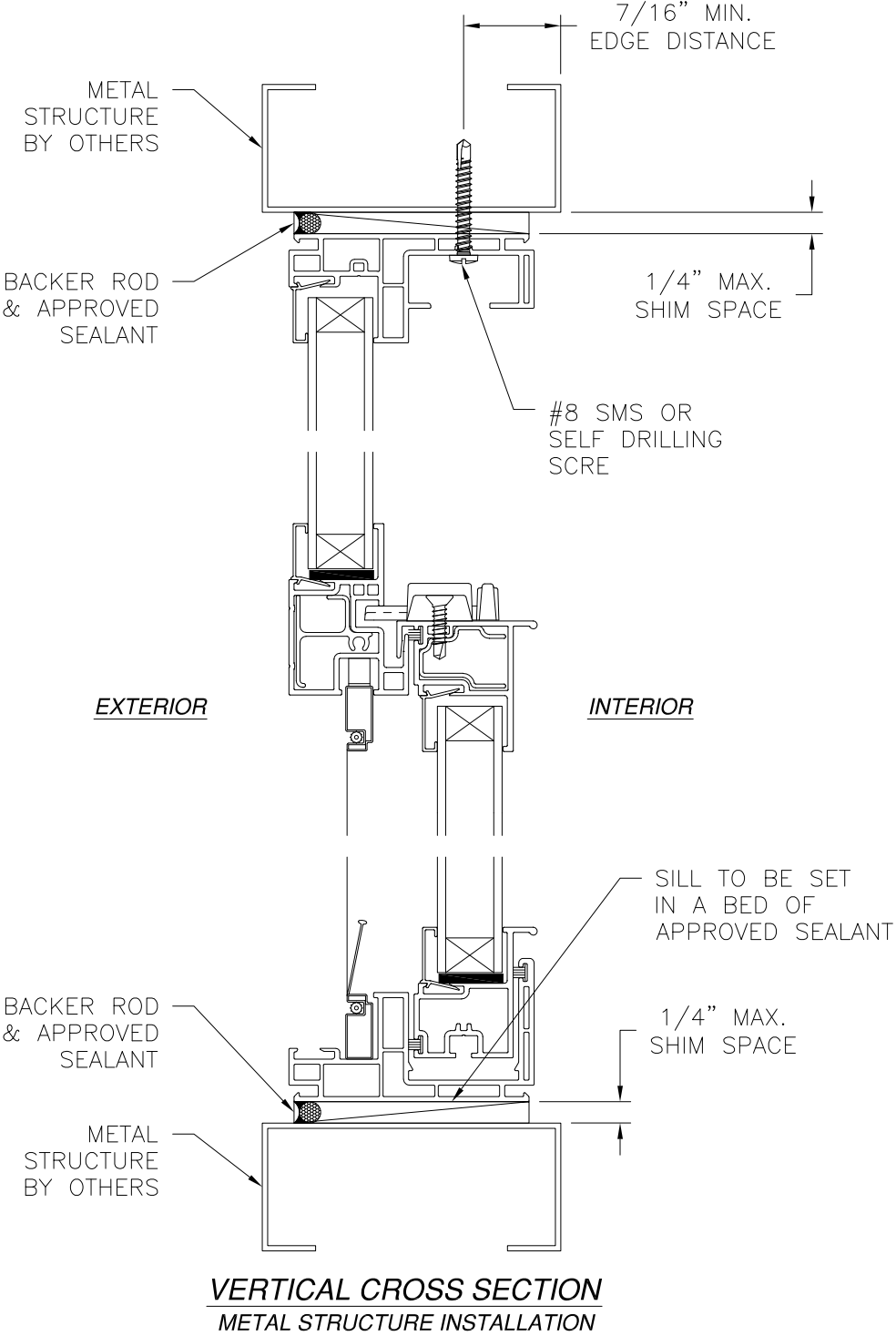
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- 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: 12/21/2020

KRESTMARK INDUSTRIES, L.P.

3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

SERIES 420 SINGLE HUNG WINDOW

48" X 72" NON-IMPACT

INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03651

REV -

SCALE NTS

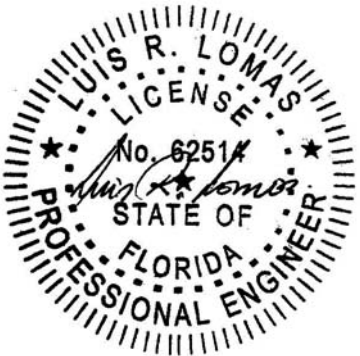
DATE 12/07/2020

SHEET 4 OF 6

L. ROBERTO LOMAS P.E.

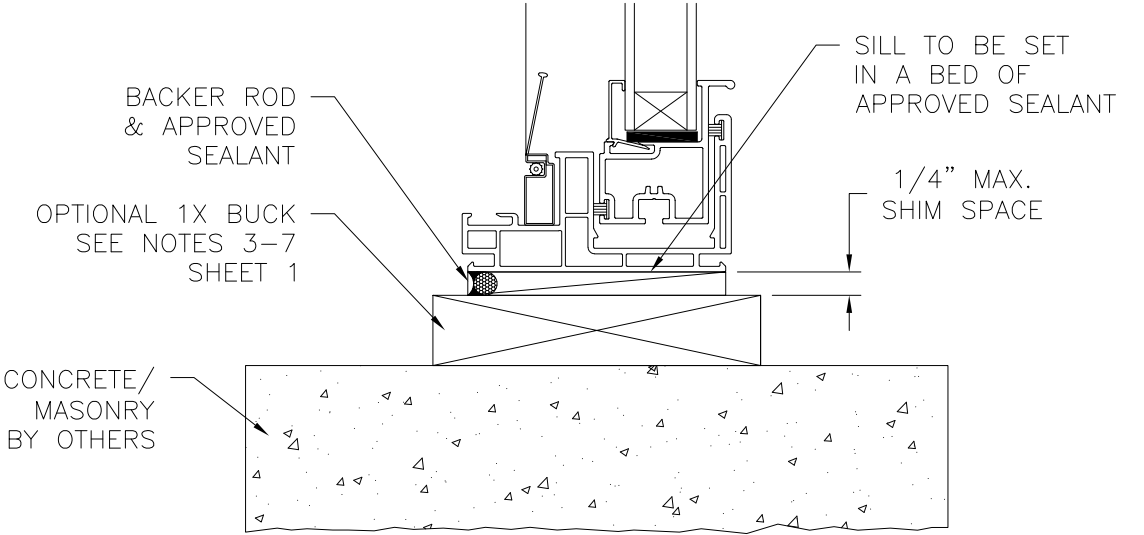
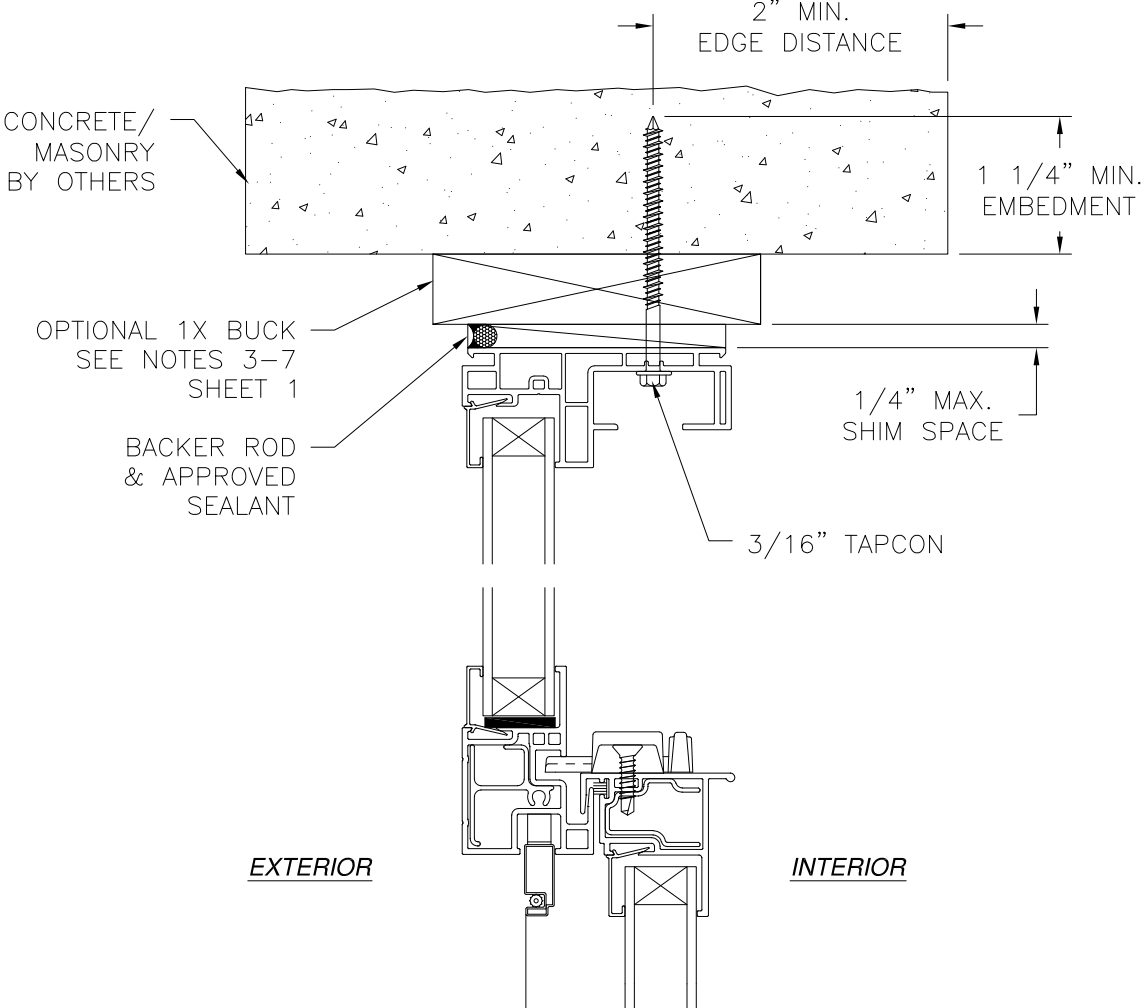
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

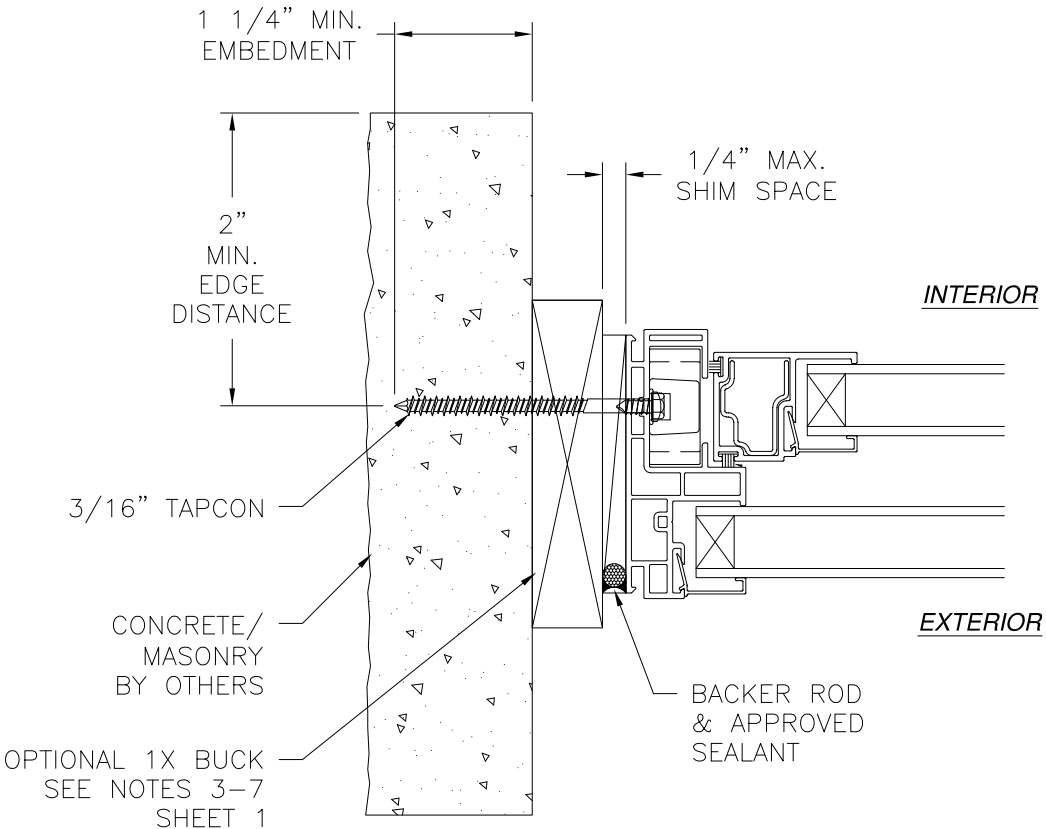


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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

SIGNED: 12/21/2020

KRESTMARK INDUSTRIES, L.P.

3950 BASTILLE RD., SUITE 100
DALLAS, TX 75212

SERIES 420 SINGLE HUNG WINDOW
48" X 72" NON-IMPACT
INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03651

REV -

SCALE NTS

DATE 12/07/2020

SHEET 5 OF 6

L. ROBERTO LOMAS P.E.

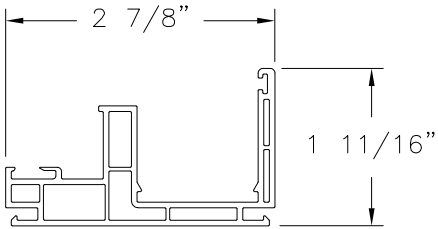
1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

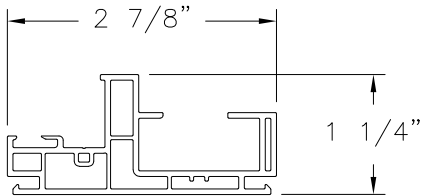


Luis R. Lomas P.E.
FL No.: 62514

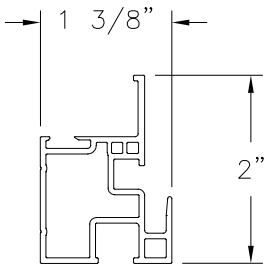
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



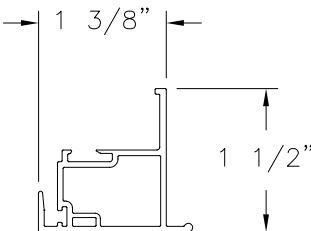
SILL (BP4002)
EXTRUDED RIGID PVC



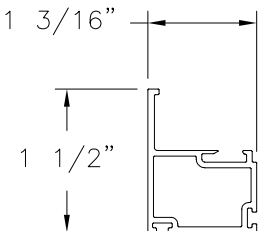
HEAD AND JAMB (BP4000)
EXTRUDED RIGID PVC



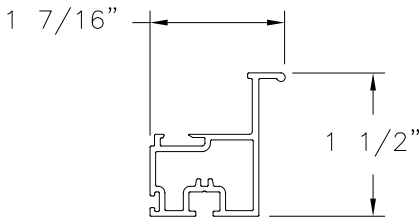
MEETING RAIL (BP4004)
EXTRUDED RIGID PVC



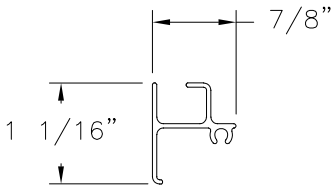
LOCK RAIL (BP4007)
EXTRUDED RIGID PVC



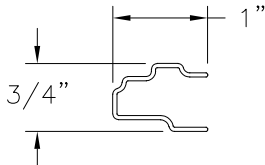
SASH STILE (BP4005)
EXTRUDED RIGID PVC



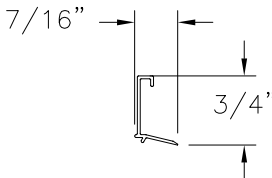
LIFT RAIL (BP4006)
EXTRUDED RIGID PVC



MEETING RAIL
REINFORCEMENT (203A)
ALUMINUM 6063-T5



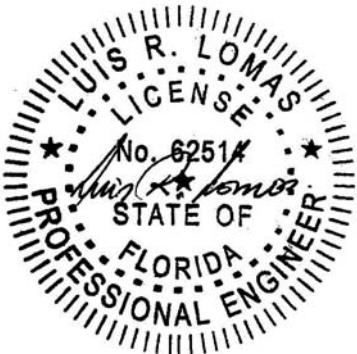
LOCK RAIL
REINFORCEMENT (202A)
ALUMINUM 6063-T5



GLAZING BEAD (DT1720-R)
EXTRUDED RIGID PVC

KRESTMARK INDUSTRIES, L.P. 3950 BASTILLE RD., SUITE 100 DALLAS, TX 75212		
SERIES 420 SINGLE HUNG WINDOW 48" X 72" NON-IMPACT COMPONENTS		
DRAWN: A.R.	DWG NO. 08-03651	REV -
SCALE NTS	DATE 12/07/2020	SHEET 6 OF 6
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 12/21/2020



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