REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 IBC AND THE 2006 IRC WITH STATE OF TEXAS MODIFICATIONS AND WITH THE 2009 IBC, 2009 IRC, 2012 IBC, 2012 IRC, 2015 IBC AND 2015 IRC.
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 E1300–04/09.
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 #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 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'' 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 Fm=2,000PSI MINIMUM.
    D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .048" THICK MINIMUM

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SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 – 5	INSTALLATION DETAILS
6	COMPONENTS

SIGNED: 07/24/2019

WINDOW MART
5760 ALBERT PIKE
ROYAL, AR 71968

6701 NC/6702 REP VINYL DOUBLE HUNG
NON–IMPACT
NOTES

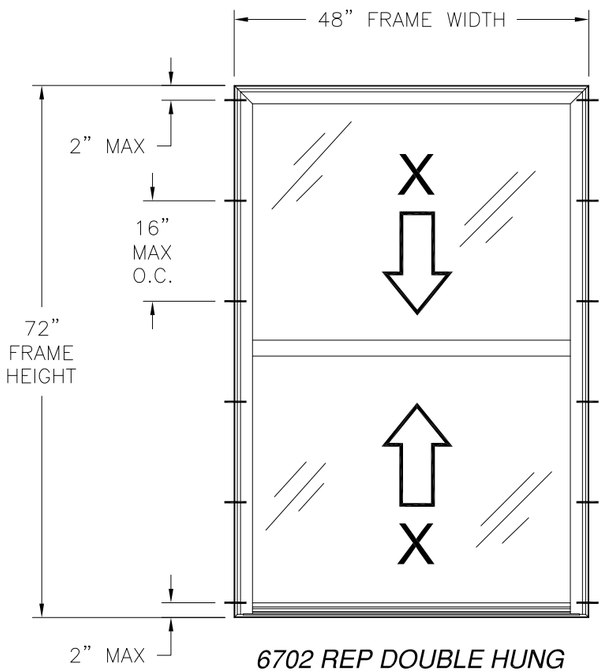
DRAWN:	DWG NO.	REV
A.R.	08–03475	–
SCALE NTS	DATE 07/16/19	SHEET 1 OF 6

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

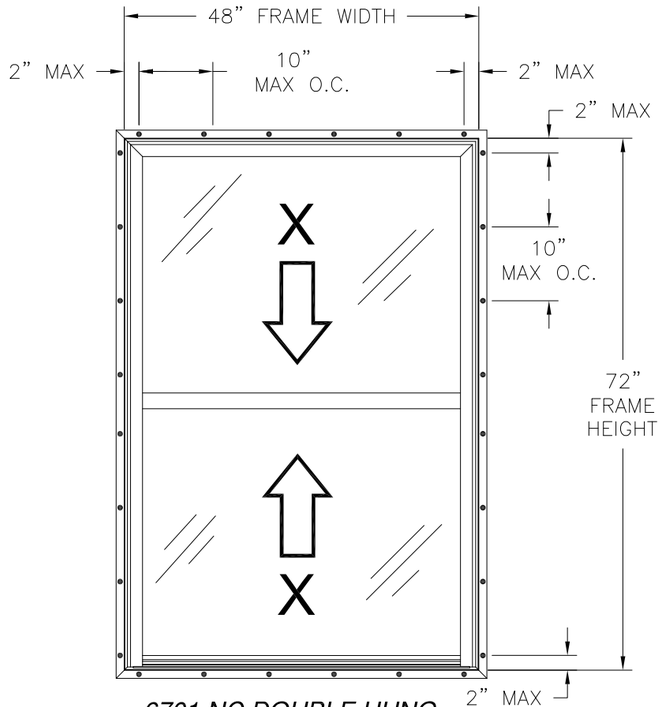
STATE OF TEXAS
LUIS R. LOMAS
101889
LICENSED
PROFESSIONAL ENGINEER

Luis R. Lomas P.E.
TX No.: 101889

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



6702 REP DOUBLE HUNG
EXTERIOR VIEW
FRAME INSTALLATION



6701 NC DOUBLE HUNG
EXTERIOR VIEW
FIN INSTALLATION

NOTES:
1. *TOP SASH SIZE: 34 5/8" X 43 3/8"*
2. *BOTTOM SASH SIZE: 35 5/8" X 44 3/8"*
3. *D.L.O. SIZE: 41 3/8" X 32 3/8"*

DESIGN PRESSURE RATING	*IMPACT RATING*
±50PSF	*NONE*

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

HARDWARE SCHEDULE	
A.	(2) BSI. 1/2 COIL SPRING BALANCE SYSTEM AT EACH JAMB
B.	(4) METALIC SPRING LOADED TILT LATCHES, AT 1 1/2" FROM EACH BOTTOM AND UPPER SASH TOP/BOTTOM RAIL CORNER
C.	(4) FS PIVOT BAR, TWO AT EACH END OF OPERABLE SASH BOTTOM RAIL
D.	(1) ALUMINUM IMPACT CLIP REINFORCEMENT, 1 1/2" FROM EACH SASH BOTTOM LOCK RAIL CORNER
E.	(2) CAST CAM LOCKS, AT 8" FROM EACH JAMB CORNER ON SASH TOP RAIL LOCKING INTO KEEPERS IN KEEPER RAIL
F.	ALUMINUM REINFORCEMENT (10300082) AT SASH STILES AND TOP RAILS
G.	ALUMINUM REINFORCEMENT (10300083) AT LOCK RAIL
H.	ALUMINUM "U" SHAPED REINFORCEMENT AT SILL

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6701 NC/6702 REP VINYL DOUBLE HUNG
NON-IMPACT
ELEVATION

DRAWN:	DWG NO.	REV
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SCALE NTS	DATE 07/16/19	SHEET 2 OF 6

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1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

STATE OF TEXAS
LUIS R. LOMAS
101889
LICENSED
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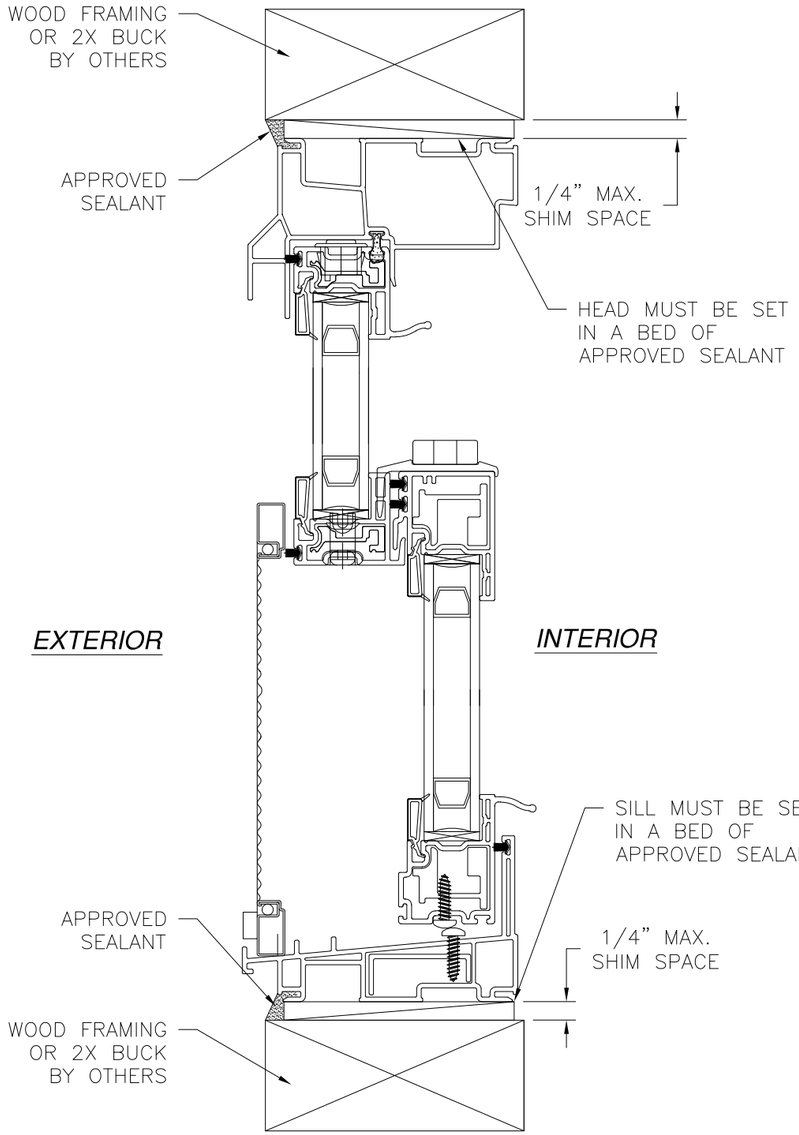
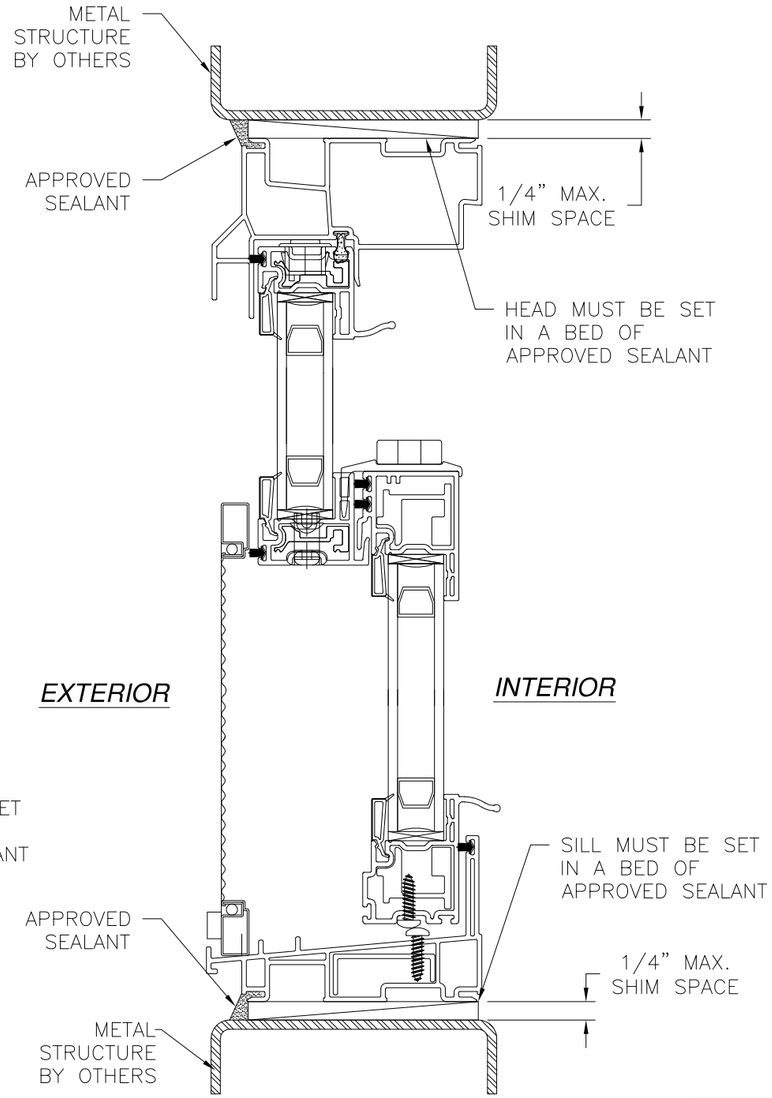
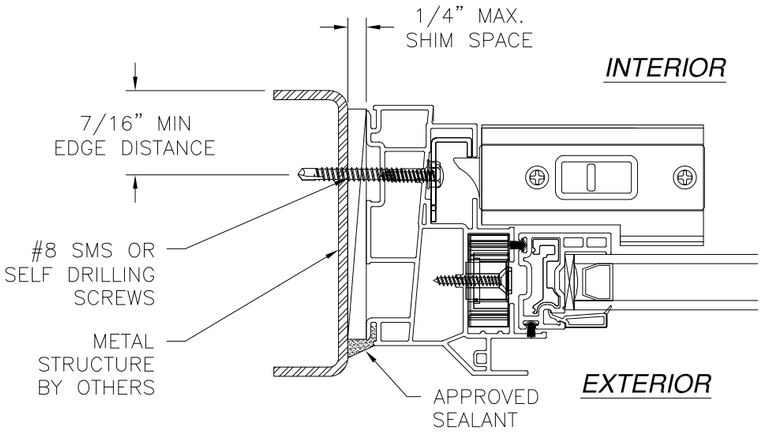


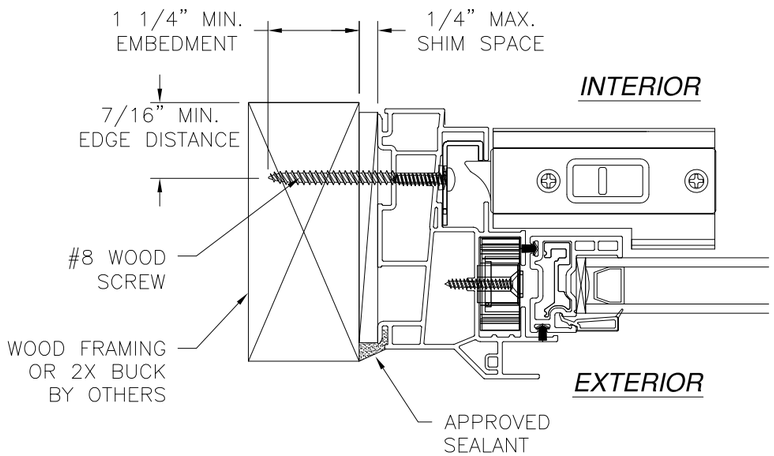
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

SIGNED: 07/24/2019

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

WINDOW MART
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SCALE NTS	DATE 07/16/19	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.
TX No.: 101889

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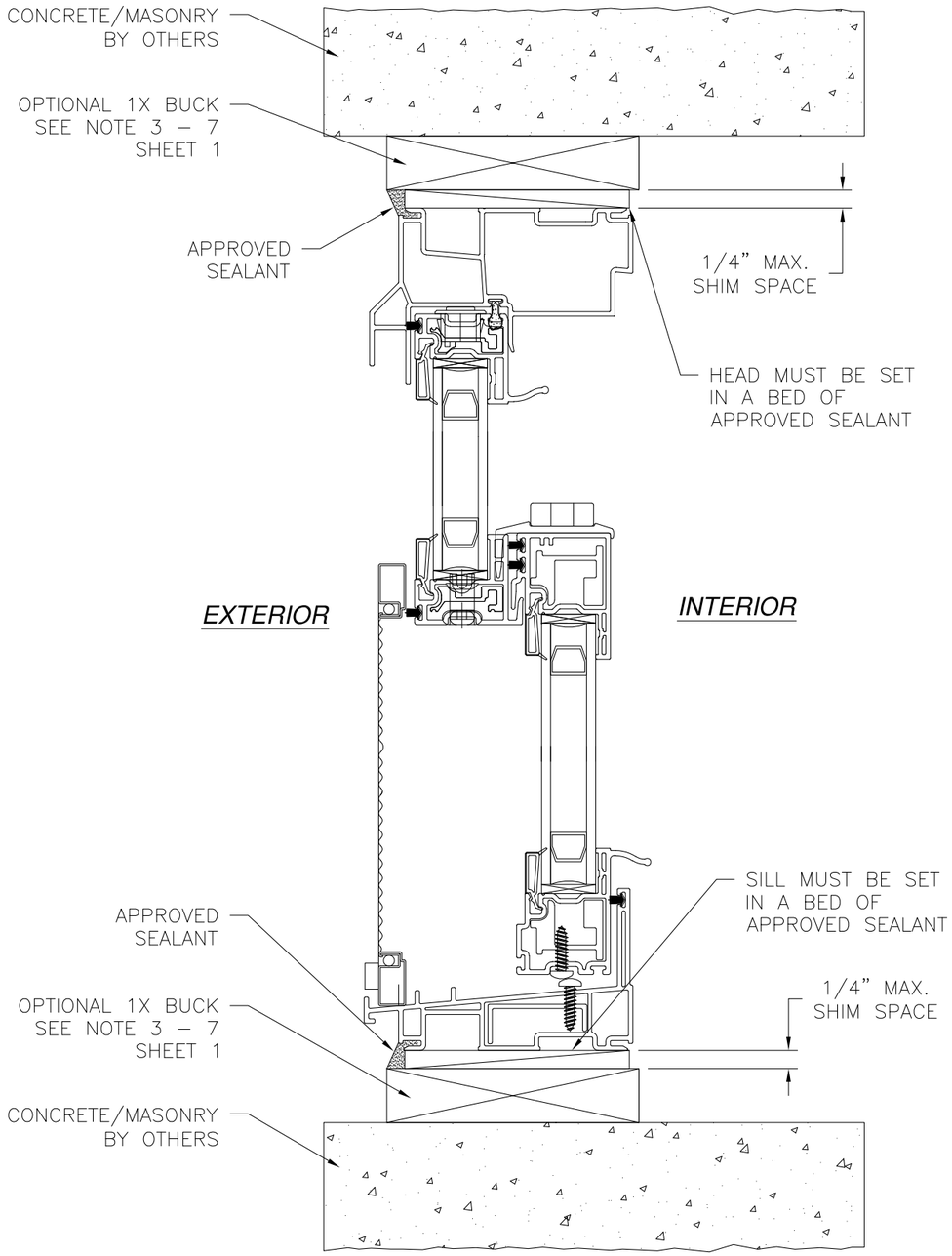
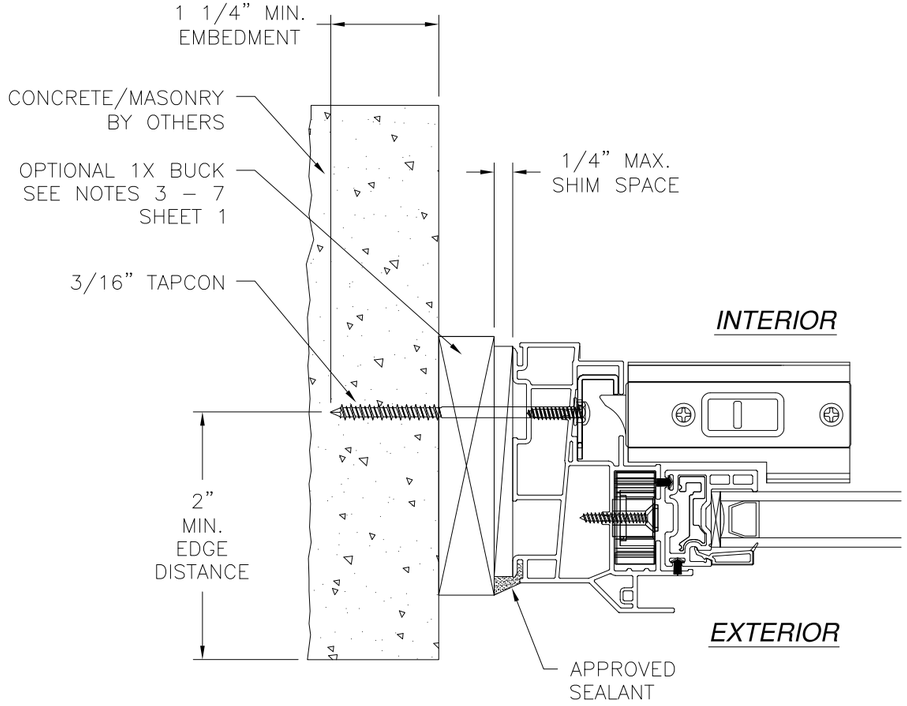


VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

STATE OF TEXAS
LUIS R. LOMAS
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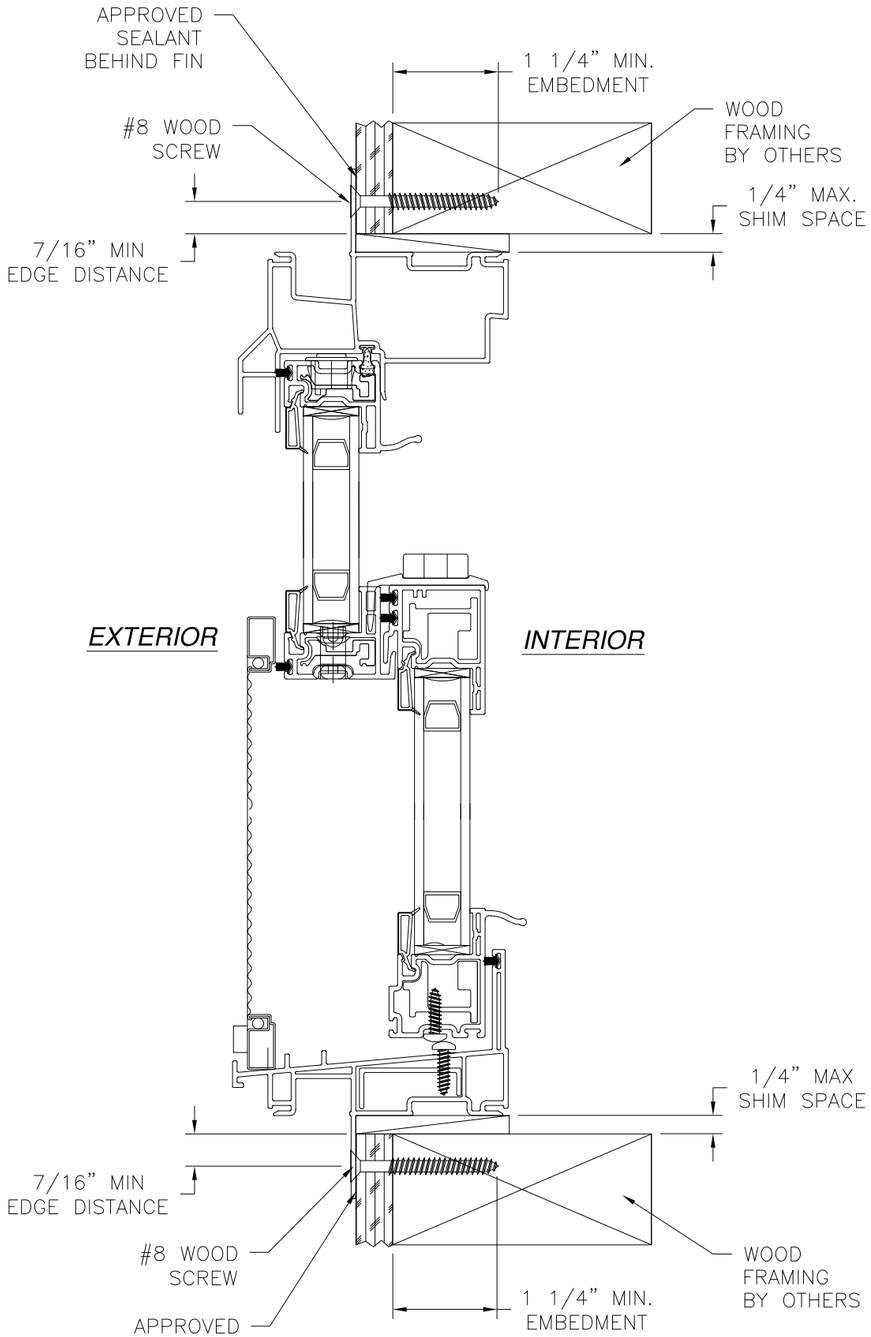
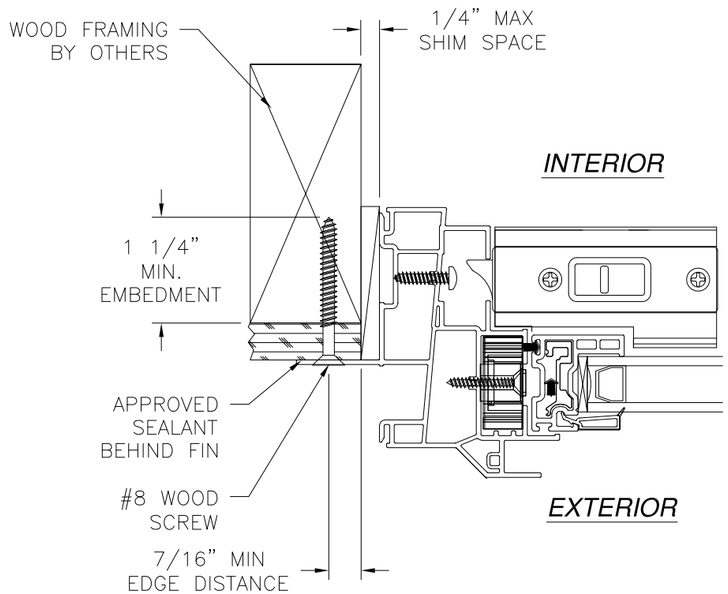


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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SCALE	DATE	SHEET
NTS	07/16/19	5 OF 6

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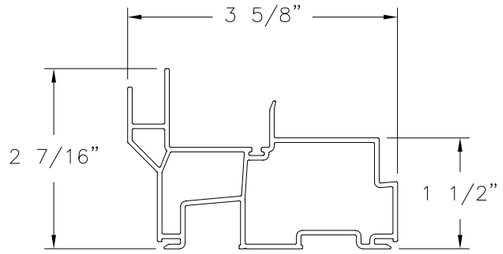
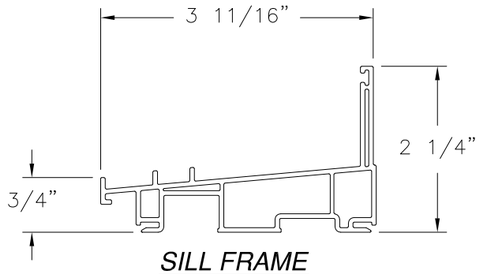


HEAD FRAME
EXTRUDED PVC (10008691)



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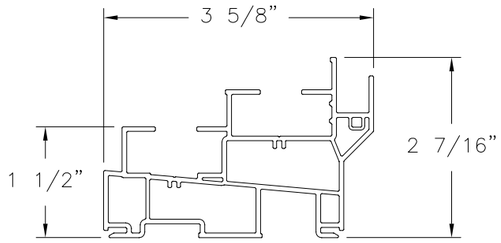

JAMB FRAME
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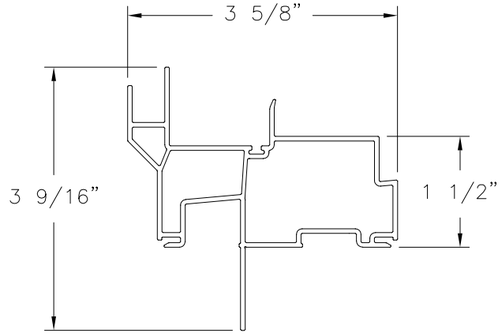

HEAD FRAME FIN INSTALLATION
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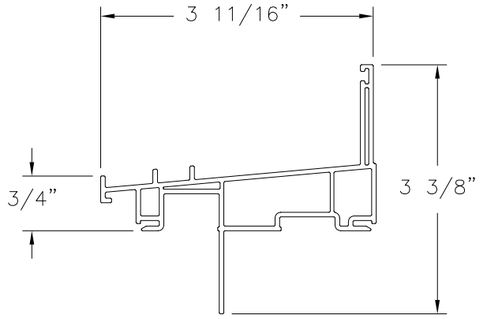

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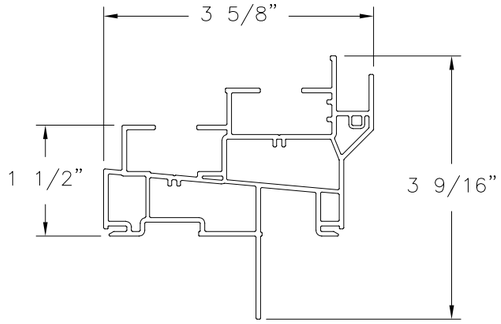

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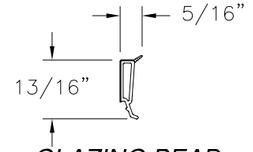

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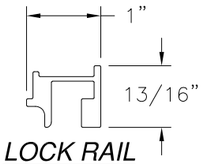
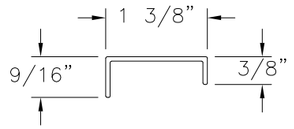
EXTRUDED PVC (10005470)



LOCK RAIL REINFORCEMENT
ALUMINUM 6005-T5, 6061-T6 OR 6105-T5 (10300083)



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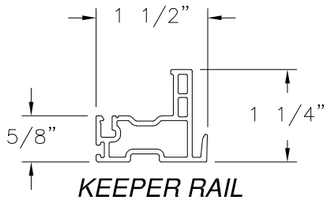
ALUMINUM 6005-T5 (10300096)



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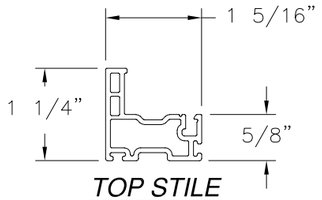
EXTRUDED PVC (10008890)



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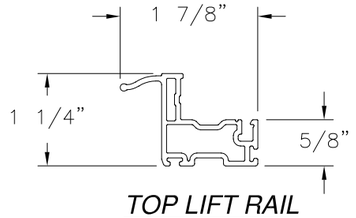

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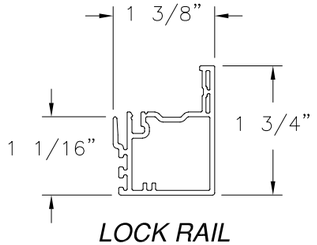
EXTRUDED PVC (10008840)



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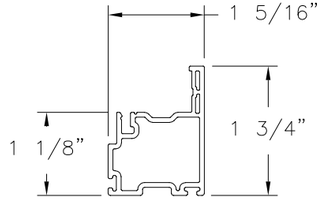

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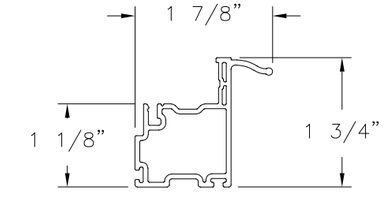

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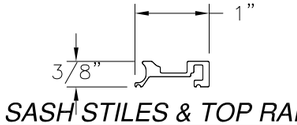

SASH STILES & TOP RAILS REINFORCEMENT
ALUMINUM 6005-T5 (10300082)

SIGNED: 07/24/2019

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434-688-0609 rllomas@lrlomaspe.com

Luis R. Lomas P.E.
TX No.: 101889