

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.

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" WINDOW 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. WINDOW 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 WINDOW 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, SEE SHEET 19 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #6 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 FIN INTO WOOD FRAMING OR 2X BUCK USE ROOFING NAILS (.105" Ø MINIMUM) 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 WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. 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.
18. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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 1/8" THICK MINIMUM

SIGNED: 11/11/2021

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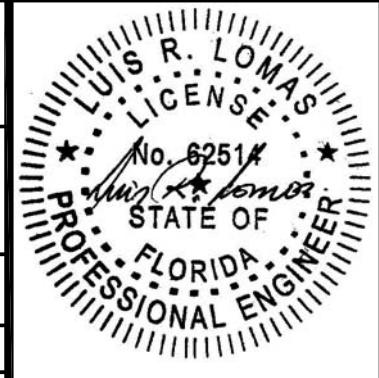
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
NOTES

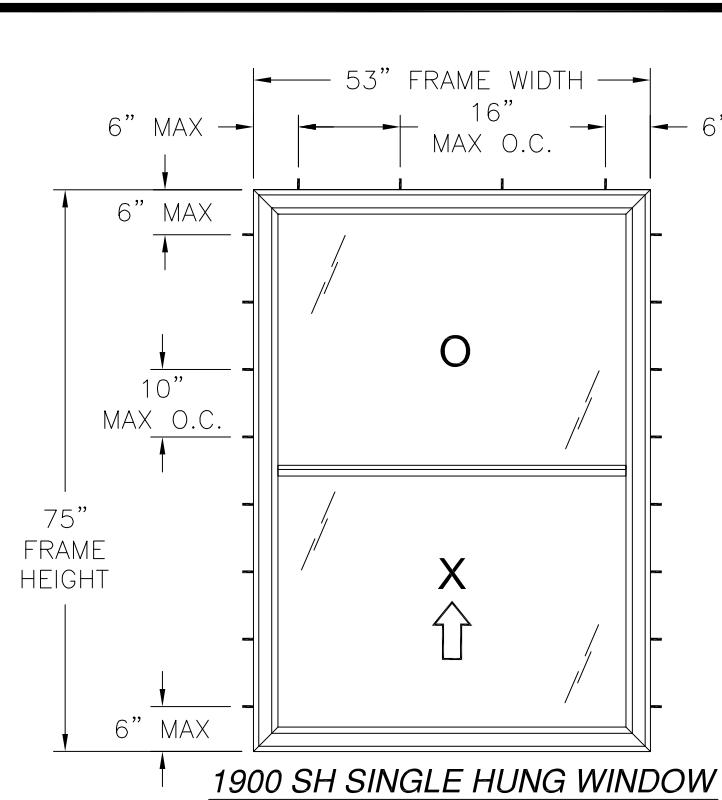
DRAWN: A.R. DWG NO. 08-03177 REV C

SCALE NTS DATE 07/17/18 SHEET 1 OF 19

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



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



1900 SH SINGLE HUNG WINDOW

EXTERIOR VIEW
FRAME INSTALLATION

FOR OTHER UNIT SIZES SEE CHARTS IN SHEET 3 TO 5

NOTES:

1. SASH SIZE: 51" X 37 1/2"
2. D.L.O.: 47" X 34"

WITHOUT SILL RISER, GLASS A

DP RATING	IMPACT RATING
+40.0/-65.0PSF	LARGE & SMALL MISSILE

WHERE WATER PENETRATION RESISTANCE IS REQUIRED
FOR ADDITIONAL SIZES SEE CHART #1, SHEET 3

WITH / WITHOUT SILL RISER, GLASS B

DP RATING	IMPACT RATING
+42.2/-42.2PSF	LARGE & SMALL MISSILE

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED
FOR ADDITIONAL SIZES SEE CHART #5, SHEET 4

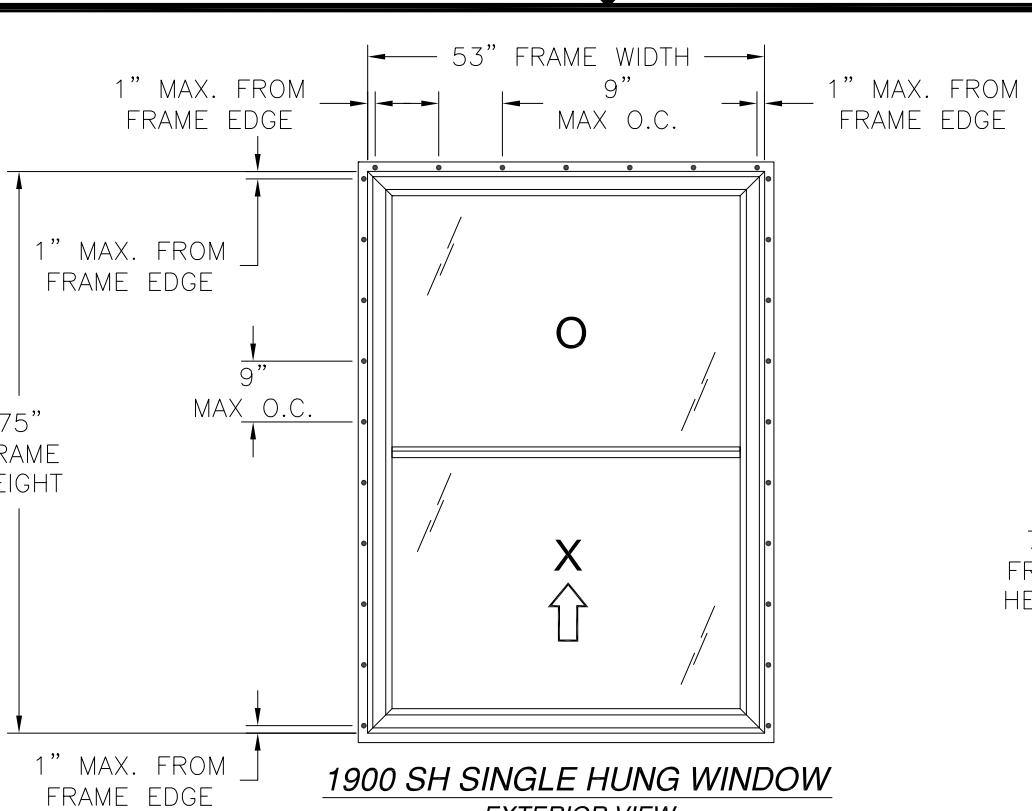
FRAME B WITH SILL RISER, GLASS A

DP RATING	IMPACT RATING
$\pm 40.0PSF$	LARGE & SMALL MISSILE

WHERE WATER PENETRATION RESISTANCE IS REQUIRED
FOR ADDITIONAL SIZES SEE CHART #9, SHEET 5

HARDWARE SCHEDULE

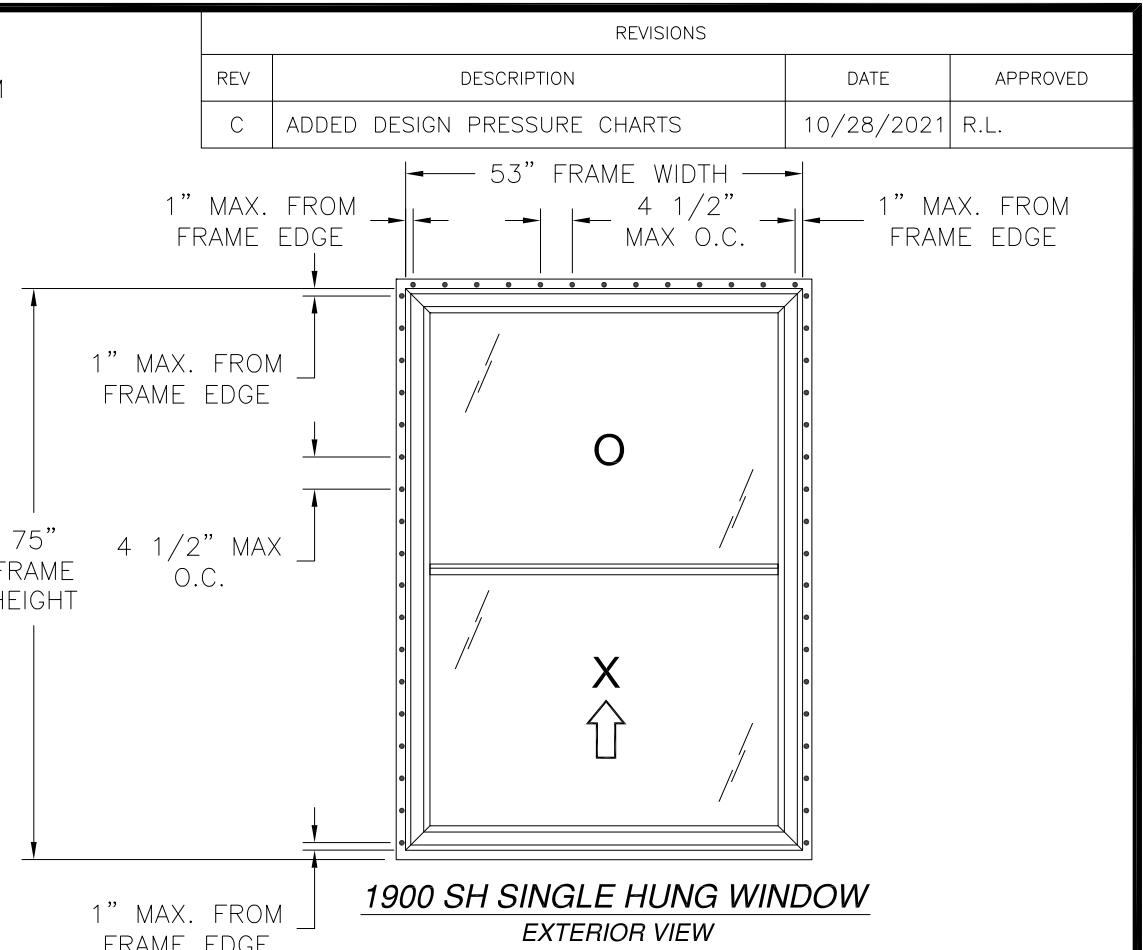
A.	(1) CONSTANT FORCE BALANCE SYSTEM, AT FRAME JAMBS
B.	(1) CAM LOCK, AT ACTIVE SASH MEETING RAIL
C.	(1) CAM LOCK KEEP, AT FIXED MEETING RAIL
D.	ALUMINUM REINFORCEMENT, AT FIXED MEETING RAIL
E.	ALUMINUM REINFORCEMENT, AT ACTIVE SASH MEETING AIL
F.	ALUMINUM REINFORCEMENT, AT ACTIVE SASH BOTTOM RAIL AND SIDE RAIL
G.	ALUMINUM REINFORCEMENT, AT ACTIVE SASH BOTTOM RAIL



1900 SH SINGLE HUNG WINDOW

EXTERIOR VIEW
FIN INSTALLATION USING SCREWS

FOR OTHER UNIT SIZES SEE CHARTS IN SHEET 3 TO 5



1900 SH SINGLE HUNG WINDOW

EXTERIOR VIEW

FIN INSTALLATION USING NAILS

FOR OTHER UNIT SIZES SEE CHARTS IN SHEET 3 TO 5

WITHOUT SILL RISER, GLASS A

DP RATING	IMPACT RATING
+40.0/-42.2PSF	LARGE & SMALL MISSILE

WHERE WATER PENETRATION RESISTANCE IS REQUIRED
FOR ADDITIONAL SIZES SEE CHART #4, SHEET 3

FRAME B WITH / WITHOUT SILL RISER, GLASS A

DP RATING	IMPACT RATING
$\pm 40.0PSF$	LARGE & SMALL MISSILE

WHERE WATER PENETRATION RESISTANCE IS NOT REQUIRED
FOR ADDITIONAL SIZES SEE CHART #8, SHEET 4

SIGNED: 11/11/2021

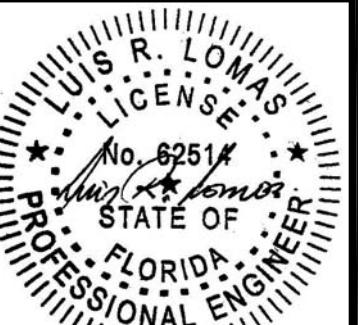
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SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
ELEVATIONS

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A.R. 08-03177 C

SCALE NTS DATE 07/17/18 SHEET 2 OF 19
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FL No.: 62514

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C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.

Chart #1, without Sill Riser, with glass A
Where water penetration resistance is required
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	24.00		30.00		36.00		42.00		48.00		53.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0
30.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0
36.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0
42.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0
48.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0
54.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	54.7
60.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	38.7	50.2		
66.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	35.9	46.7		
72.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-		
75.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-		
78.0	40.0	65.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-	-	-		
84.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-	-	-	-	-		
90.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-	-	-	-	-		
96.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-	-	-	-	-		
102.0	40.0	65.0	40.0	65.0	40.0	65.0	-	-	-	-	-	-		

Chart #2, with or without Sill Riser, with glass A
Where water penetration resistance is not required
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	24.00		30.00		36.00		42.00		48.00		53.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
30.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
36.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
42.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
48.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	46.5	60.5				
54.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	42.1	54.7				
60.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	38.7	50.2				
66.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	35.9	46.7				
72.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-				
75.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-				
78.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-				
84.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-	-	-				
90.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-	-	-				
96.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-	-	-				
102.0	50.0	65.0	50.0	65.0	50.0	65.0	-	-	-	-				

Chart #3, with 5/8" Sill Riser, with glass A
Where water penetration resistance is required
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	24.00		30.00		36.00		42.00		48.00		53.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
30.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
36.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
42.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0
48.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	46.5	60.5				
54.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	42.1	54.7				
60.0	50.0	65.0	50.0	65.0	50.0	65.0	50.0	65.0	38.7	50.2				
66.0	50.0</td													

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Chart #5, with or without Sill Riser, with glass B
Where water penetration resistance is not required
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	24.0		30.0		36.0		42.0		48.0		53.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
30.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
36.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
42.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
54.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
60.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
66.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.6	48.6	42.3	42.3
72.0	50.0	50.0	50.0	50.0	50.0	50.0	49.4	49.4	44.1	44.1	-	-		
75.0	50.0	50.0	50.0	50.0	50.0	50.0	47.2	47.2	42.2	42.2	-	-		
78.0	50.0	50.0	50.0	50.0	50.0	50.0	45.2	45.2	-	-	-	-		
84.0	50.0	50.0	50.0	50.0	50.0	48.6	48.6	-	-	-	-	-		
90.0	50.0	50.0	50.0	50.0	50.0	45.1	45.1	-	-	-	-	-		
96.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-	-	-		
102.0	50.0	50.0	50.0	50.0	47.3	47.3	-	-	-	-	-	-		

Chart #6, with 5/8" sill riser, with glass B
Where water penetration resistance is required
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	24.0		30.0		36.0		42.0		48.0		53.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
30.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
36.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
42.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
54.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.2	48.2	42.2	42.2
60.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	41.9	41.9	37.2	37.2
66.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	37.2	37.2	33.7	33.7
72.0	50.0	50.0	50.0	50.0	50.0	50.0	49.4	49.4	42.7	42.7	28.7	28.7		
78.0	50.0	50.0	50.0	50.0	50.0	50.0	47.6	47.6	40.8	40.8	-	-		
84.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-				
90.0	50.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-				
96.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-				
102.0	50.0	50.0	50.0	50.0	50.0	-	-	-	-	-				

Chart #7, Frame B, Glass A, without Sill Riser
Where water penetration resistance is required
Design pressure rating (psf)

Frame Height (in)	Frame width (in)													
	24.00		30.00		36.00		42.00		48.00		53.00		60.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
30.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
36.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.2	48.2	42.2	42.2
42.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	41.9	41.9	37.2	37.2
48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	48.2	48.2	33.7	33.7
54.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	37.2	37.2	30.9	30.9
60.0	50.0	50.0</td												

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C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.

*Chart #9, Frame B, Glass A, with Sill Riser
Where water penetration resistance is required
Design pressure rating (psf)*

**Chart #11, Frame B, Glass B, with or without sill riser
Where water penetration resistance is not required
Design pressure rating (psf)**

**Chart #10, Frame B, Glass B, without sill riser
Where water penetration resistance is required
Design pressure rating (psf)**

**Chart #12, Frame B, Glass B, with sill riser
Where water penetration resistance is required
Design pressure rating (psf)**

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NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
DESIGN PRESSURE CHARTS

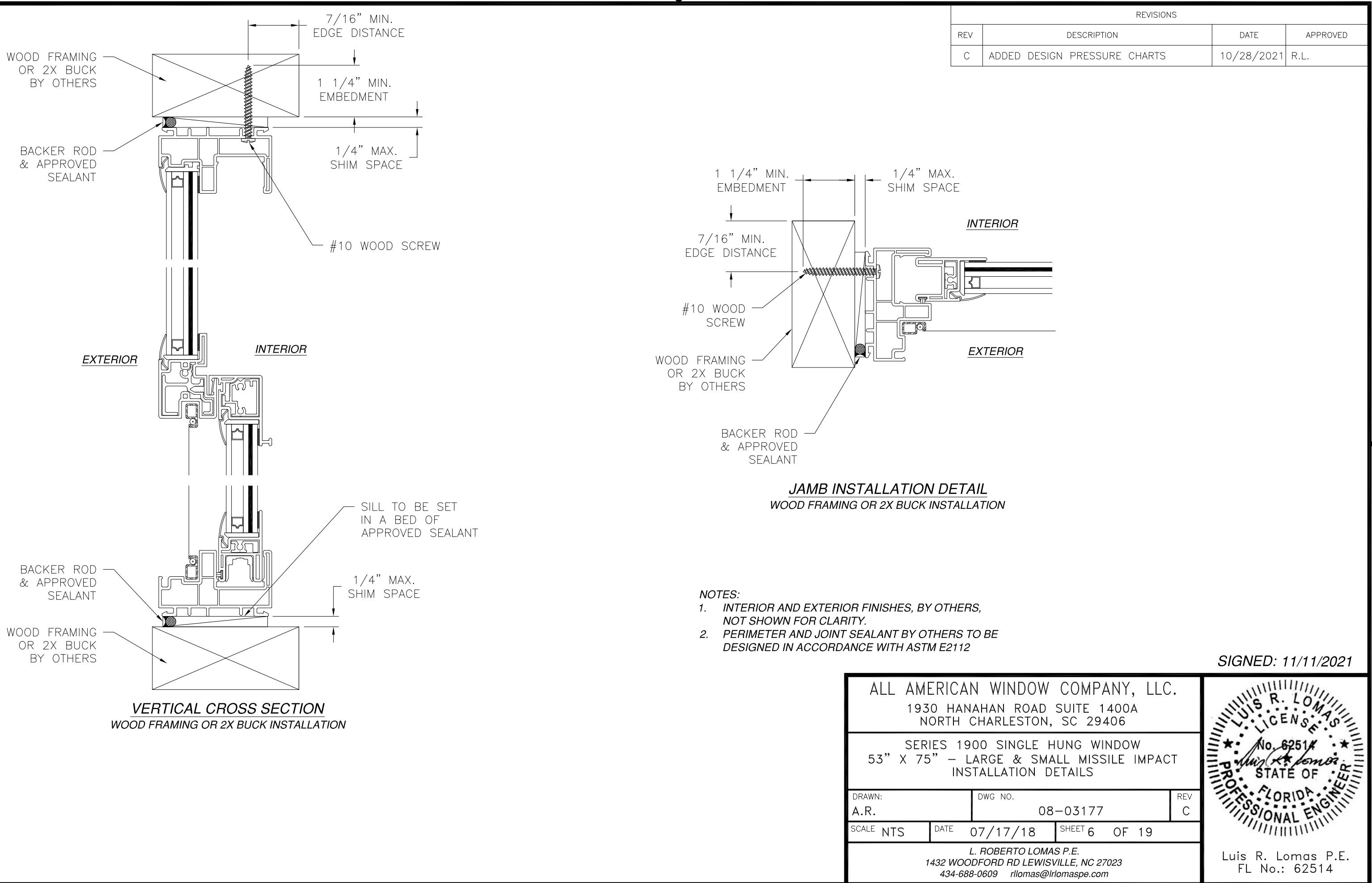
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LE NTS DATE 07/17/18 SHEET 5 OF 19
I. ROBERTO LOMAS P.F.

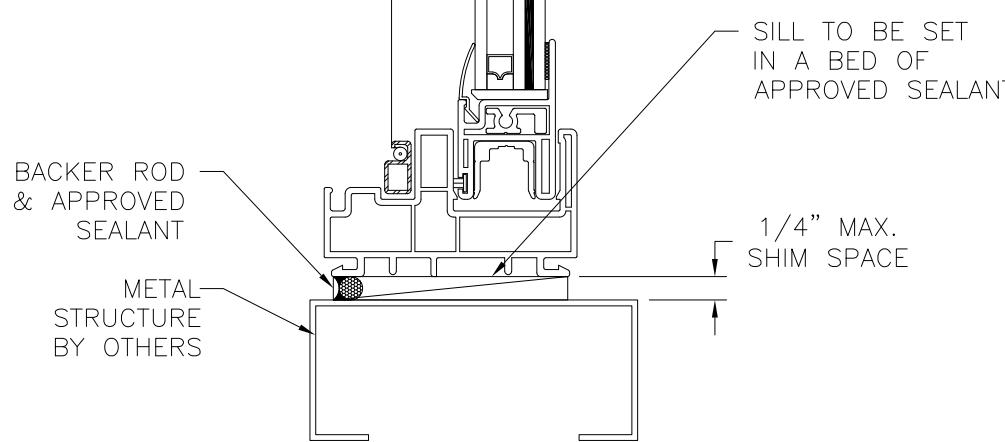
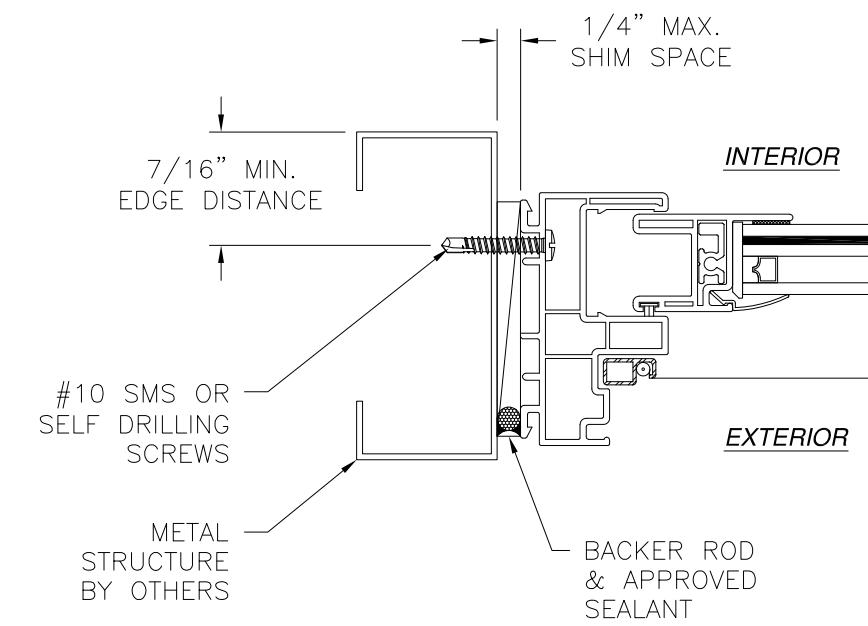
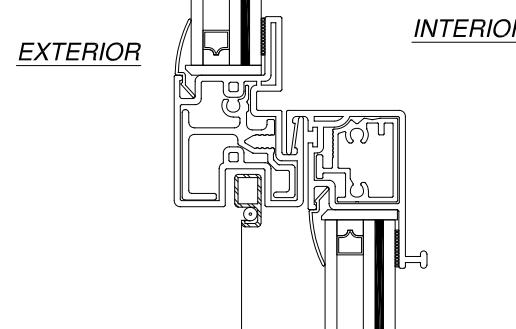
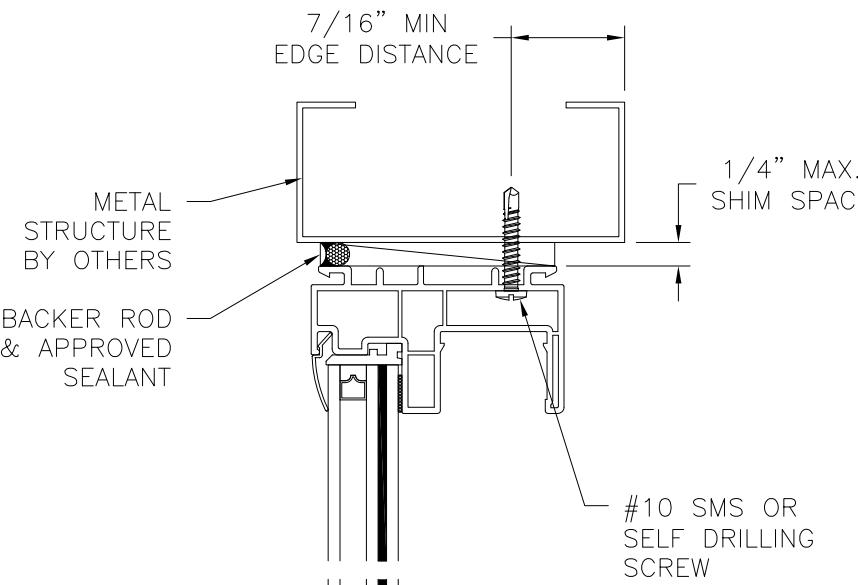
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

JAMB INSTALLATION DETAIL
METAL STRUCTURE 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

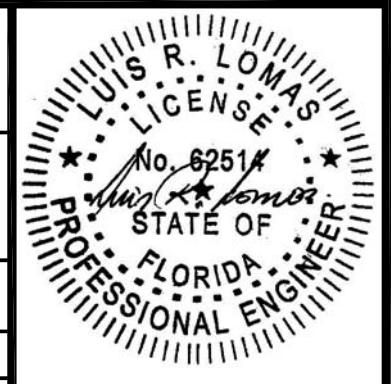
SIGNED: 11/11/2021

ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

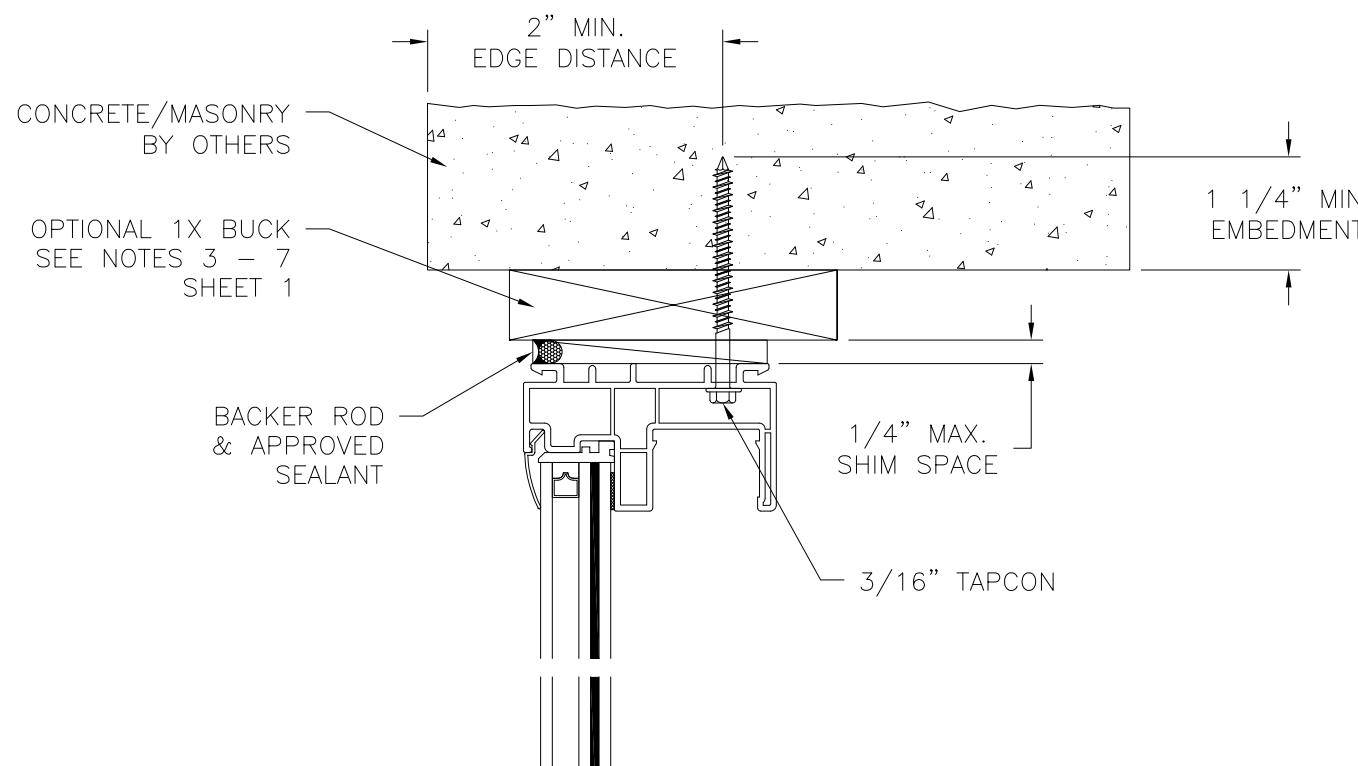
SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03177	REV C
SCALE NTS	DATE 07/17/18	SHEET 7 OF 19

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

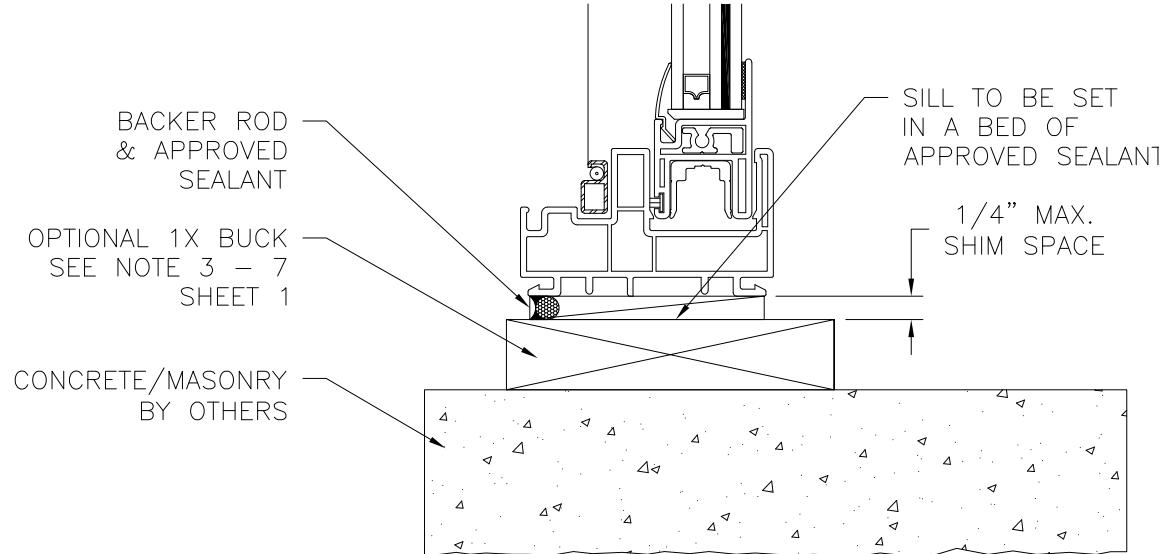


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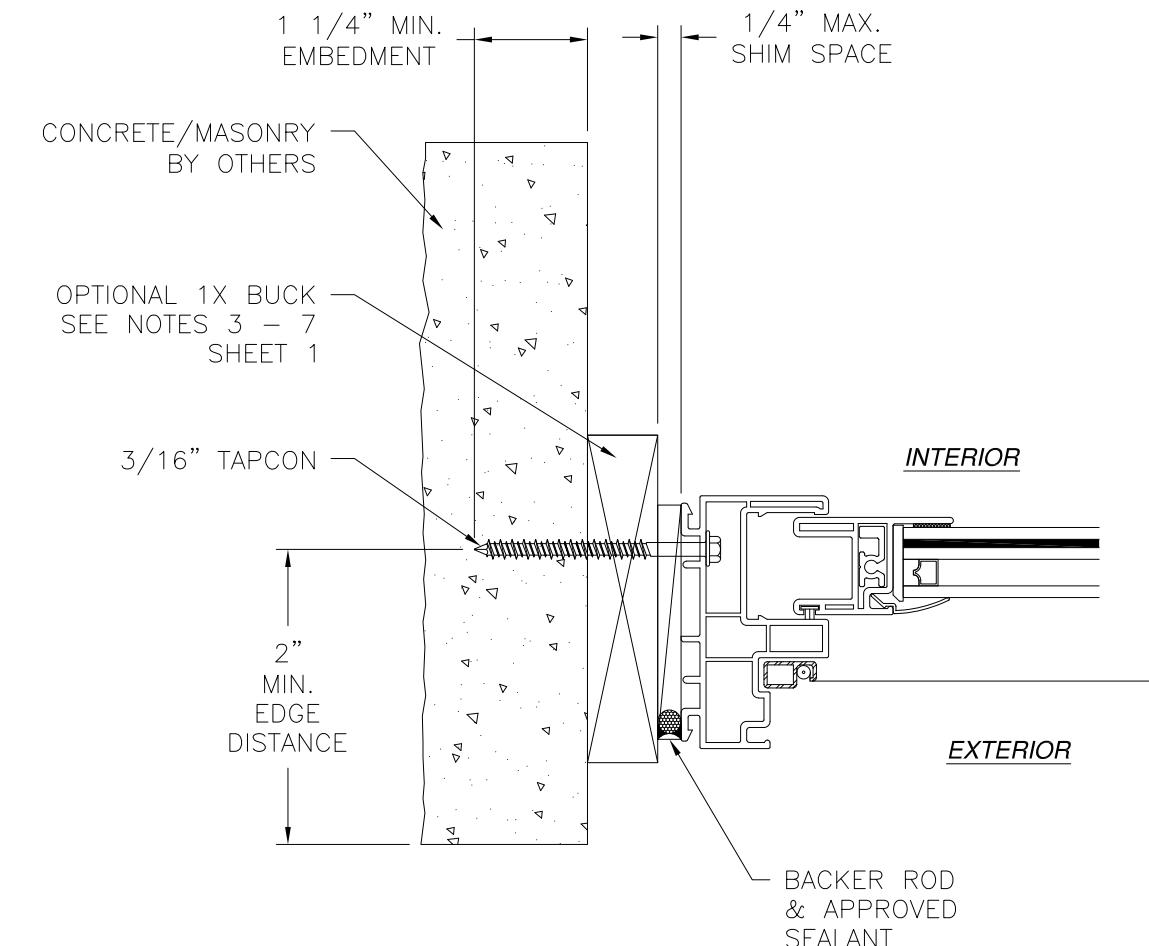


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

NOTES:

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SIGNED: 11/11/2021

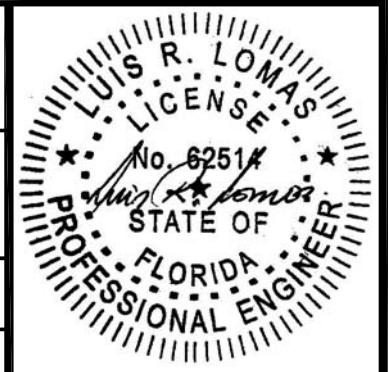
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
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INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03177	REV C
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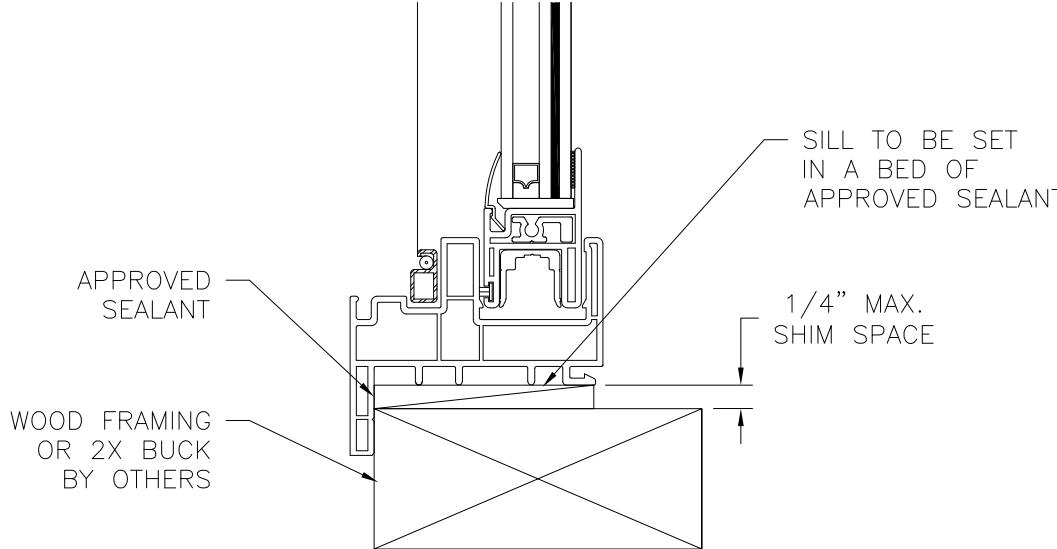
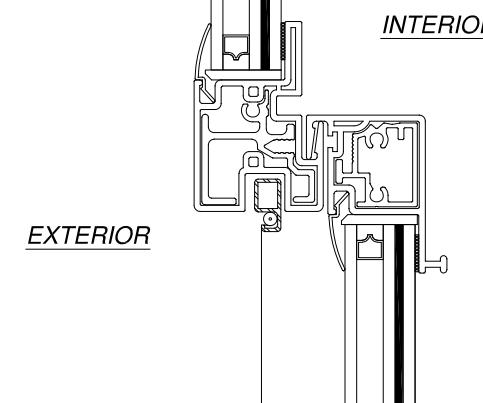
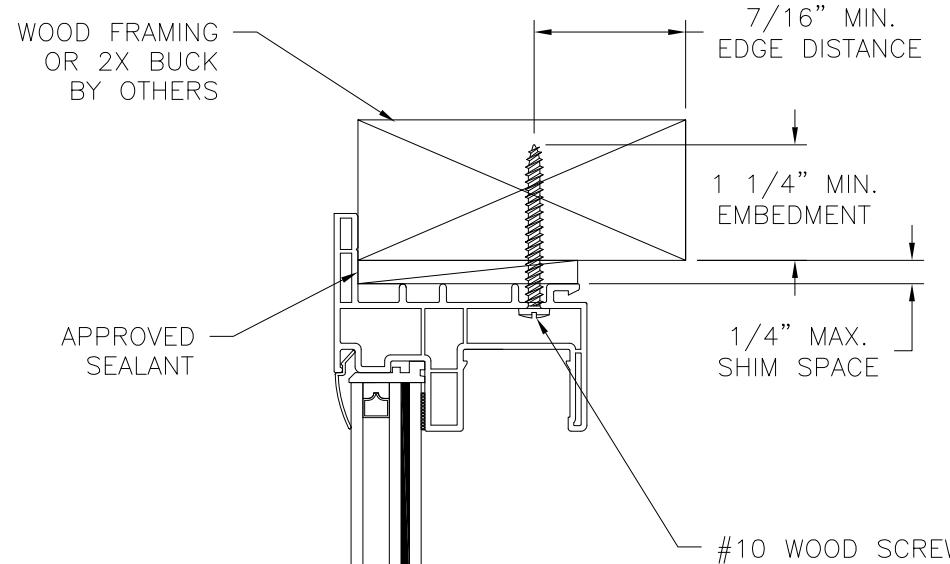
SCALE NTS	DATE 07/17/18	SHEET 8 OF 19
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L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com

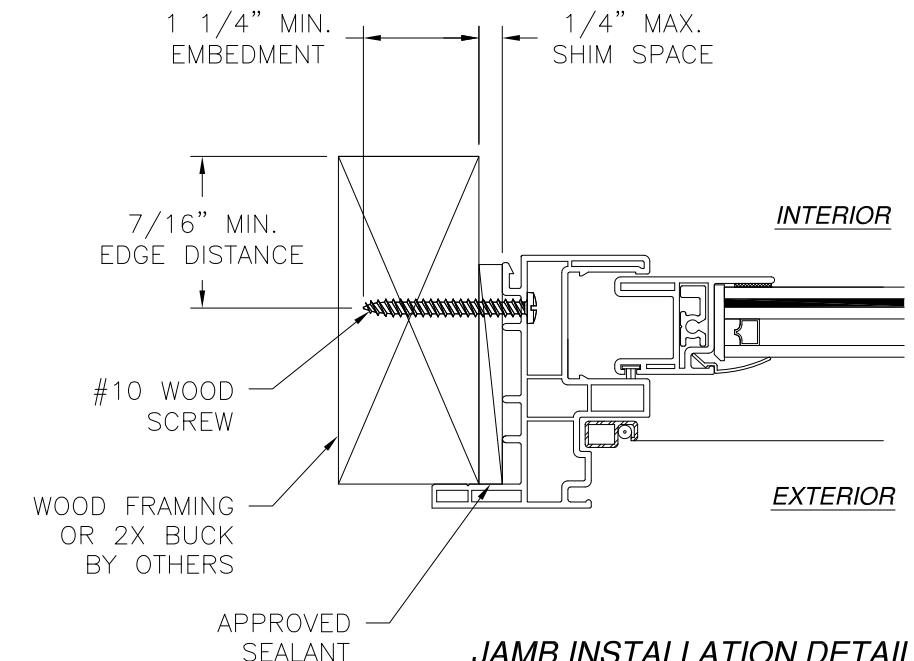


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

SIGNED: 11/11/2021

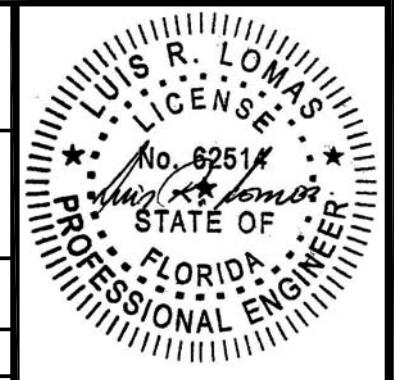
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
FLANGE INSTALLATION DETAILS

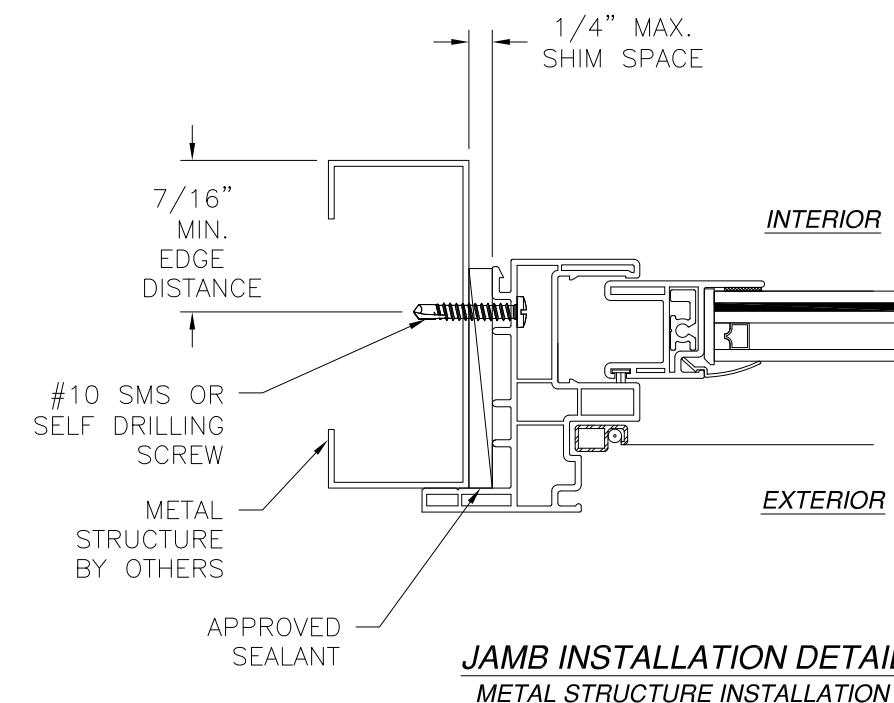
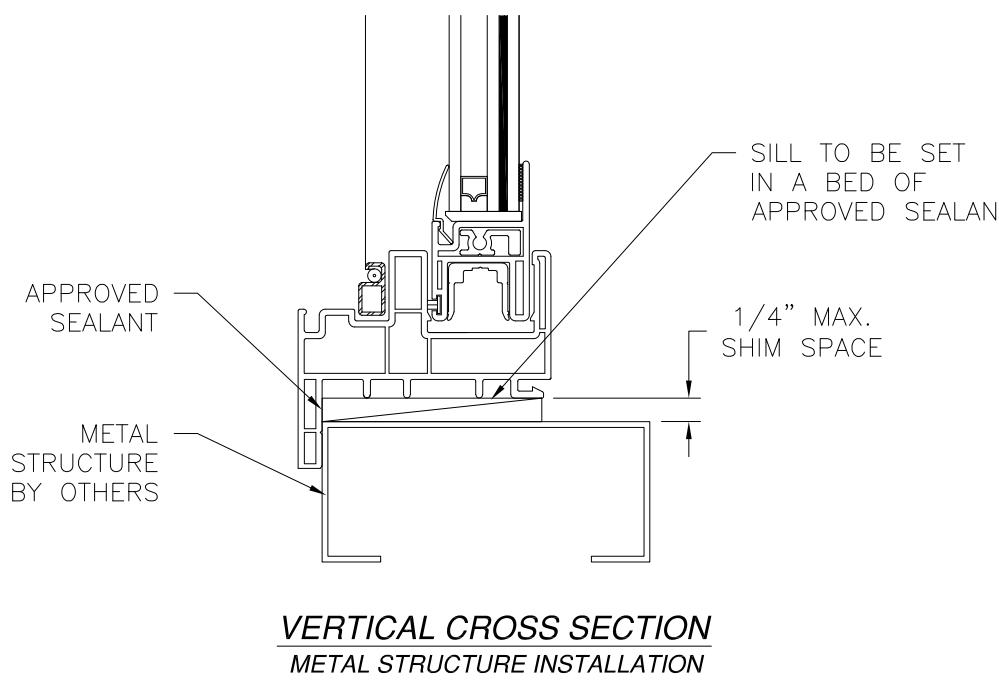
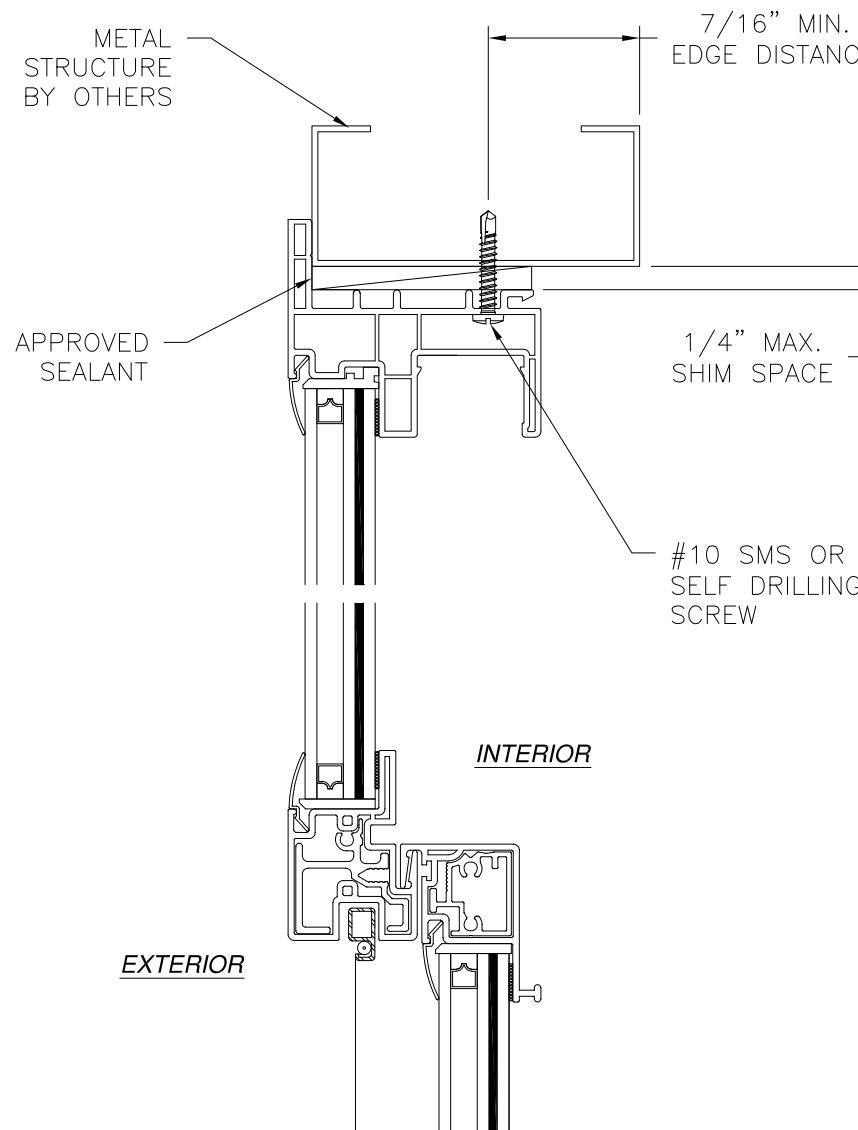
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SCALE NTS DATE 07/17/18 SHEET 9 OF 19

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



Luis R. Lomas P.E.
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

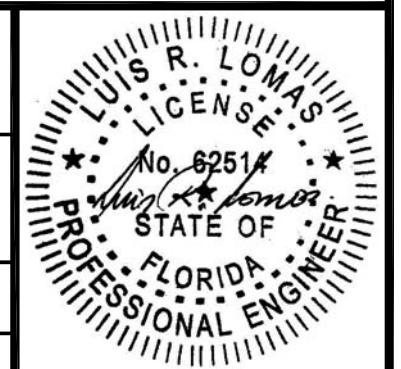
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ALL AMERICAN WINDOW COMPANY, LLC.
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NORTH CHARLESTON, SC 29406

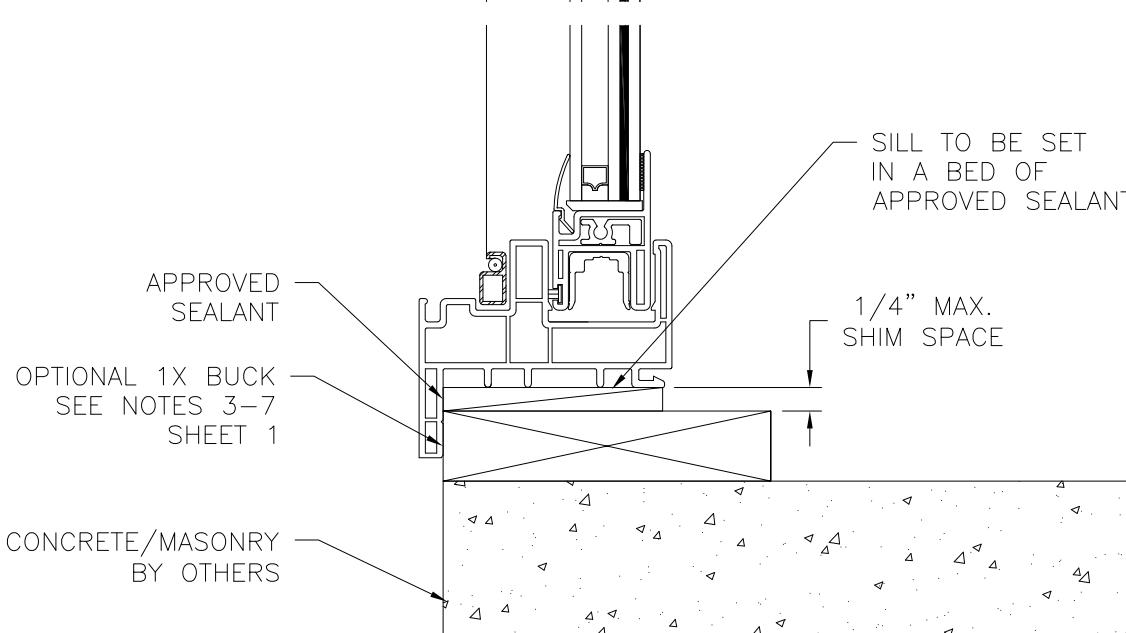
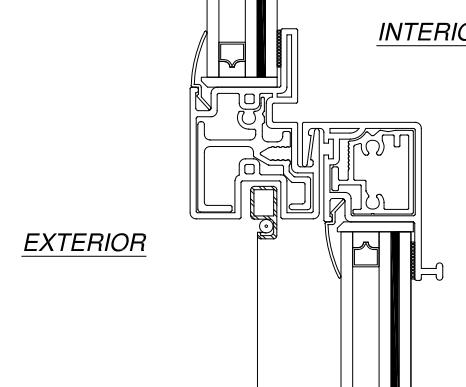
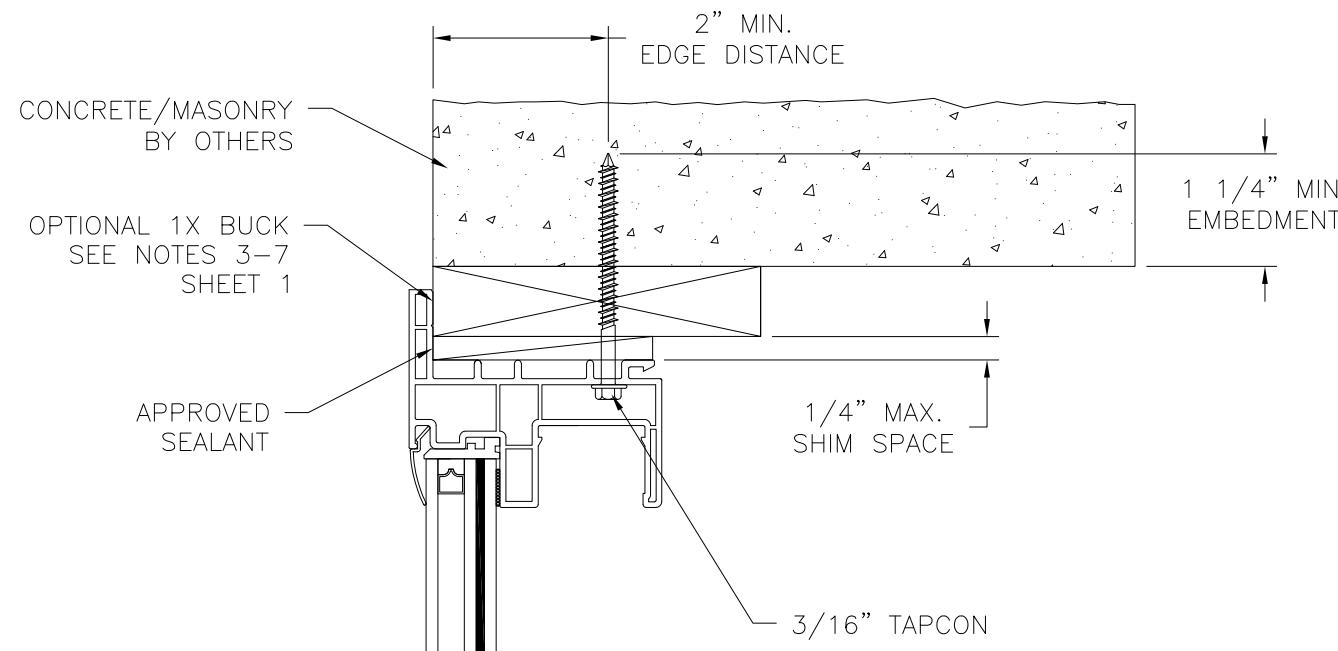
SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
FLANGE INSTALLATION DETAILS

DRAWN: A.R. DWG NO. 08-03177 REV C
SCALE NTS DATE 07/17/18 SHEET 10 OF 19

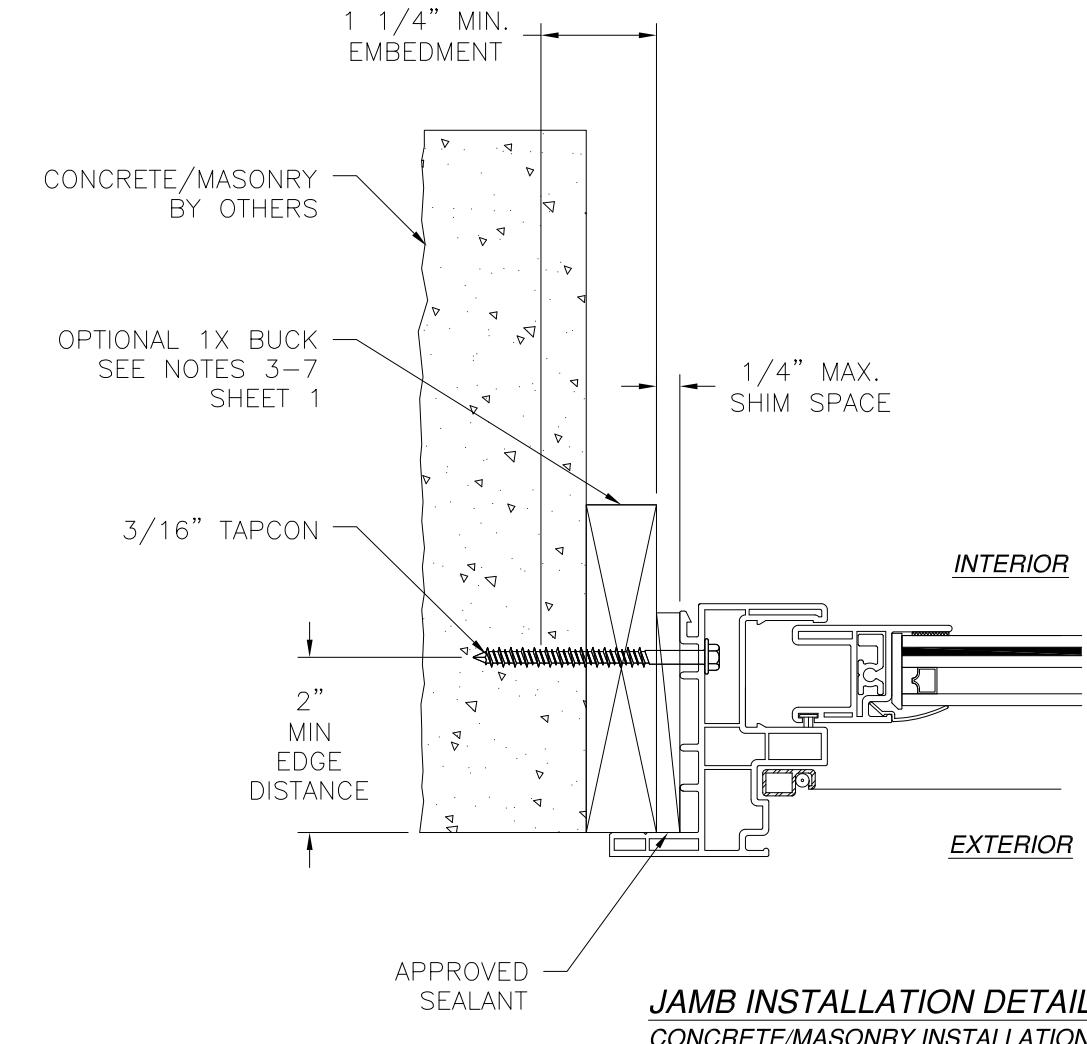
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@rlomaspe.com



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



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

SIGNED: 11/11/2021

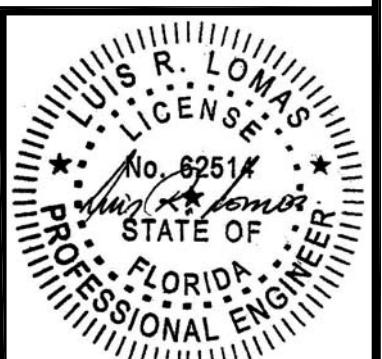
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
FLANGE INSTALLATION DETAILS

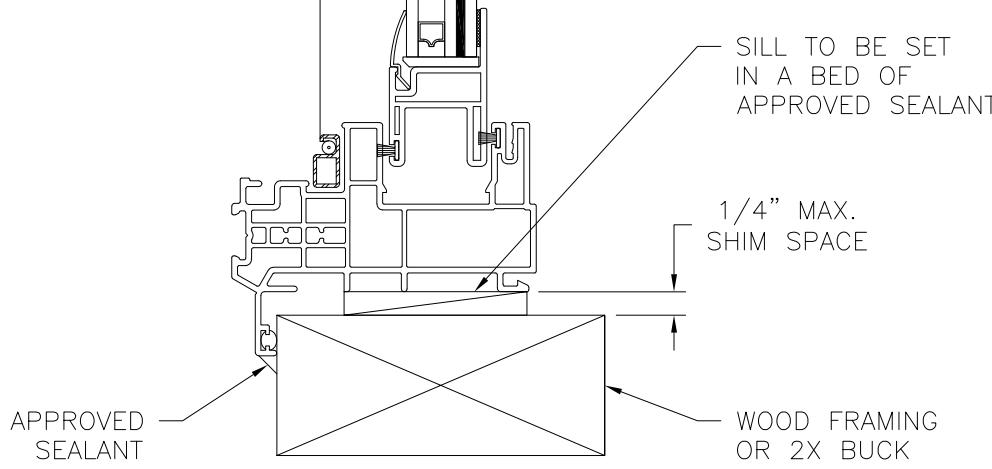
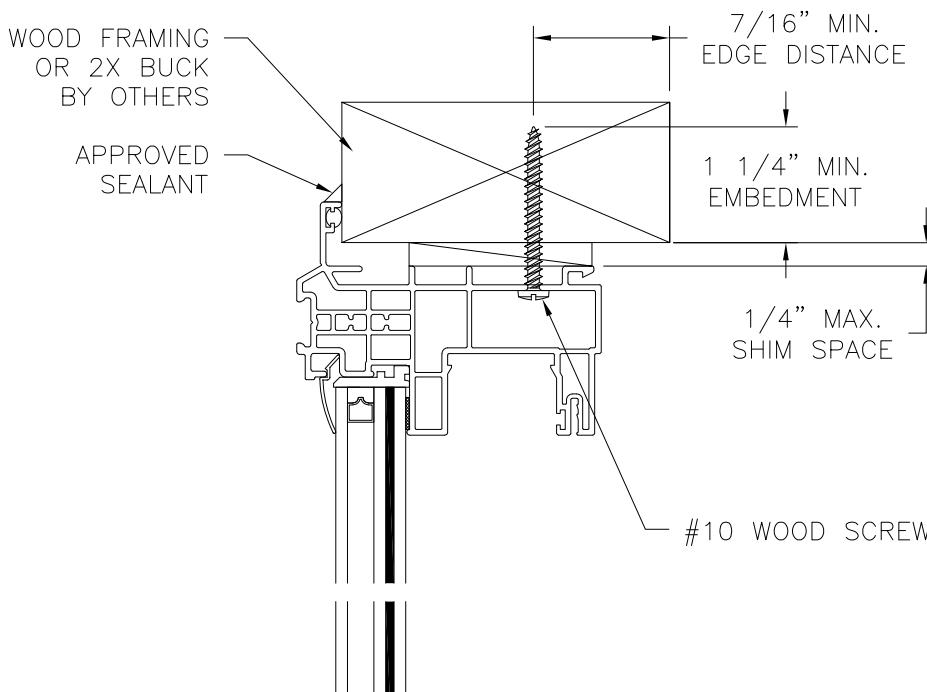
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SCALE NTS DATE 07/17/18 SHEET 11 OF 19

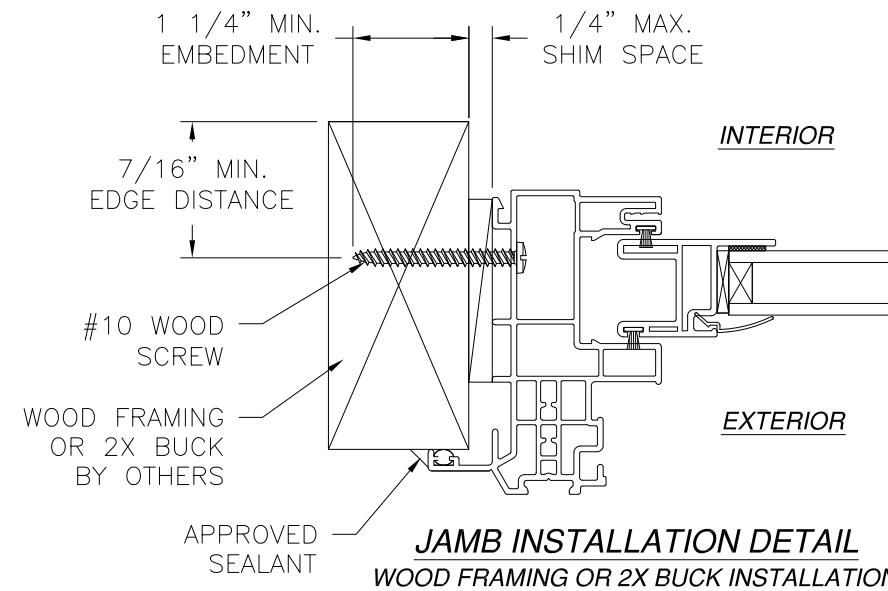
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com



Luis R. Lomas P.E.
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



NOTES:

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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 11/11/2021

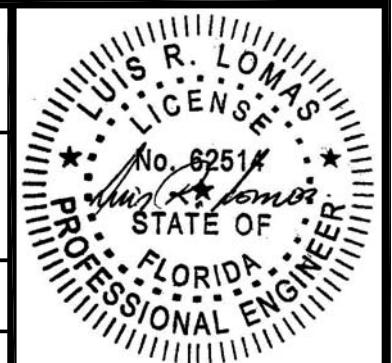
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
INSTALLATION DETAILS W/STORM JAMB

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A.R. 08-03177 C

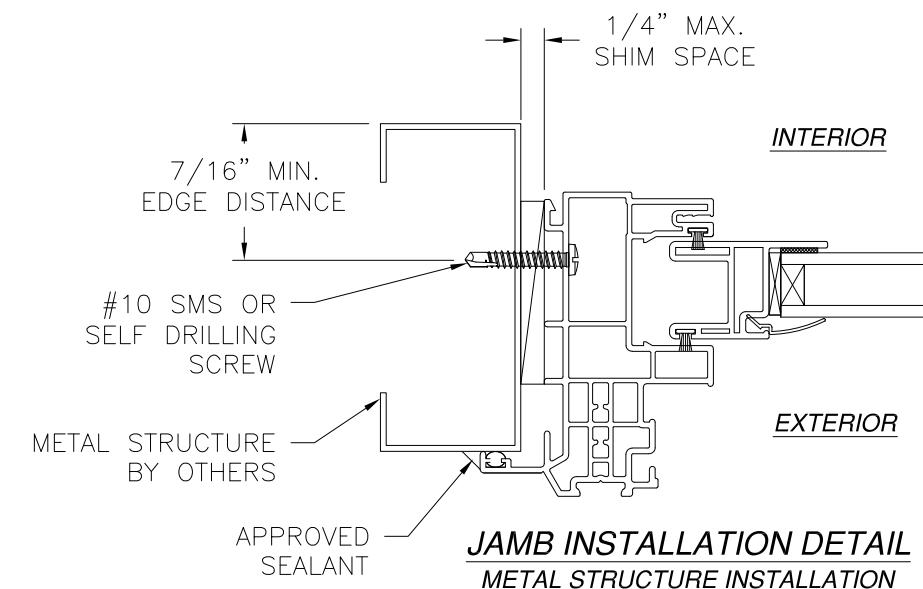
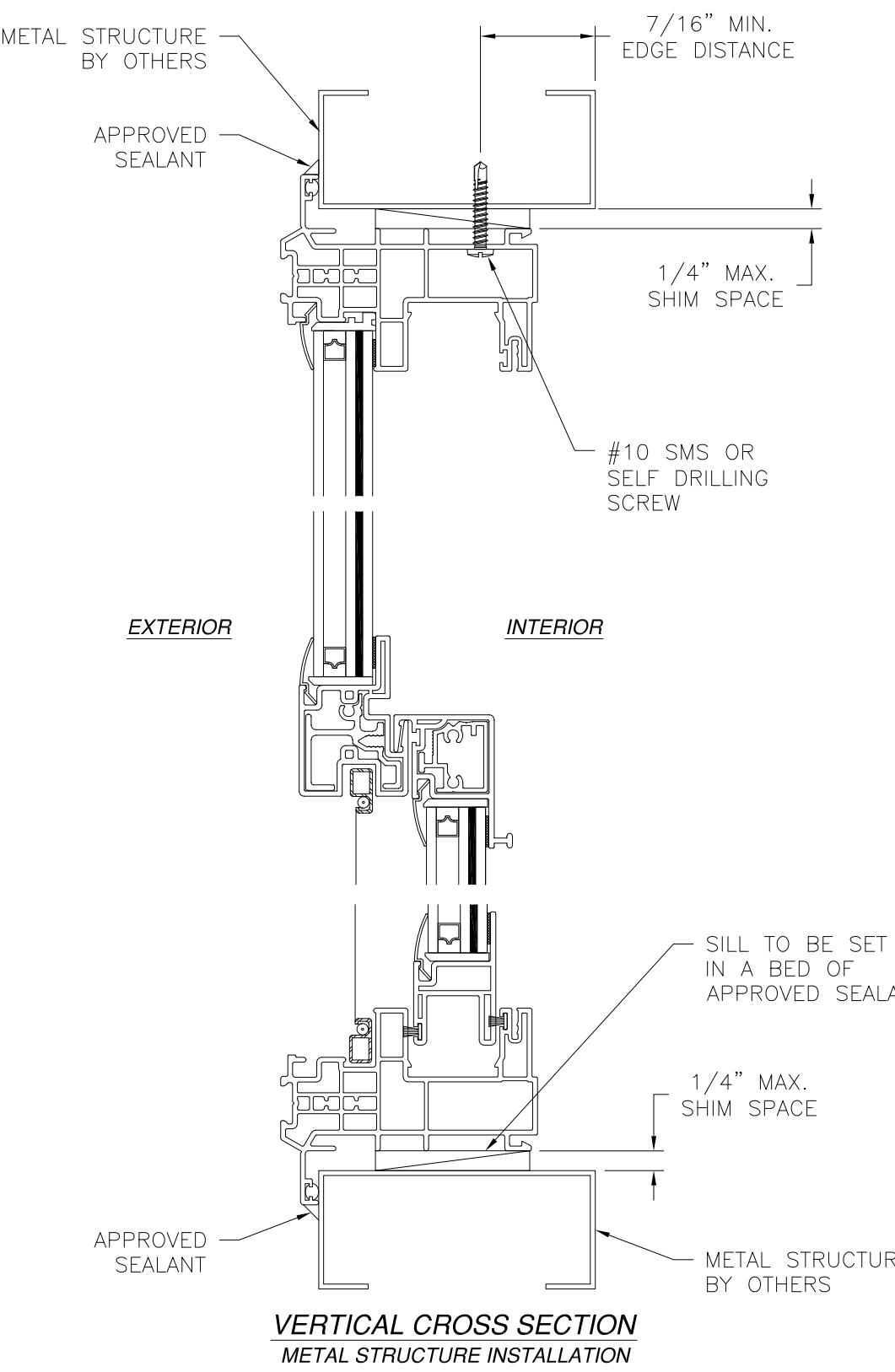
SCALE NTS DATE 07/17/18 SHEET 12 OF 19

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



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.



NOTES:

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SIGNED: 11/11/2021

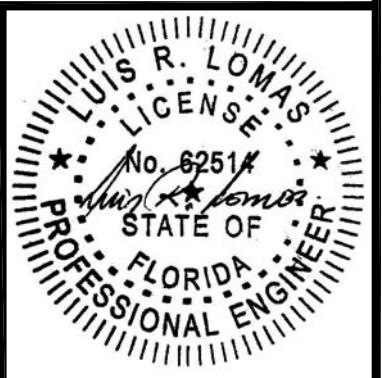
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
INSTALLATION DETAILS W/STORM JAMB

DRAWN: DWG NO. REV
A.R. 08-03177 C

SCALE NTS DATE 07/17/18 SHEET 13 OF 19

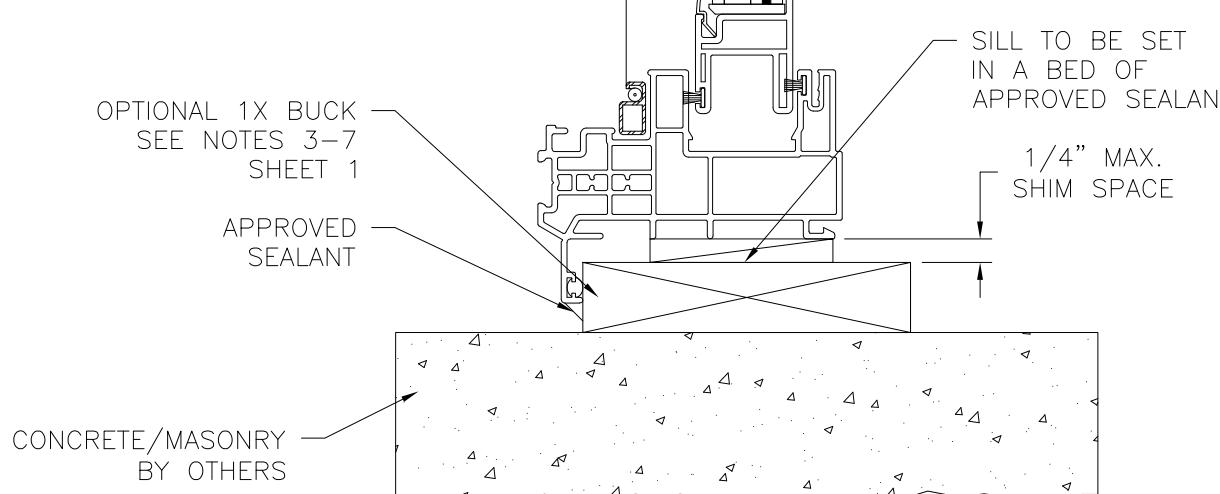
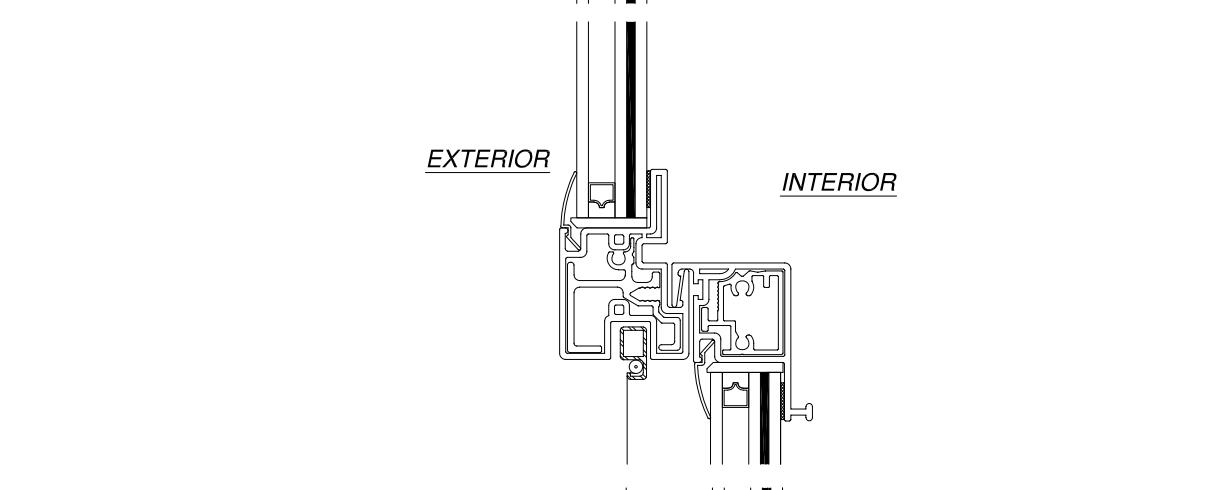
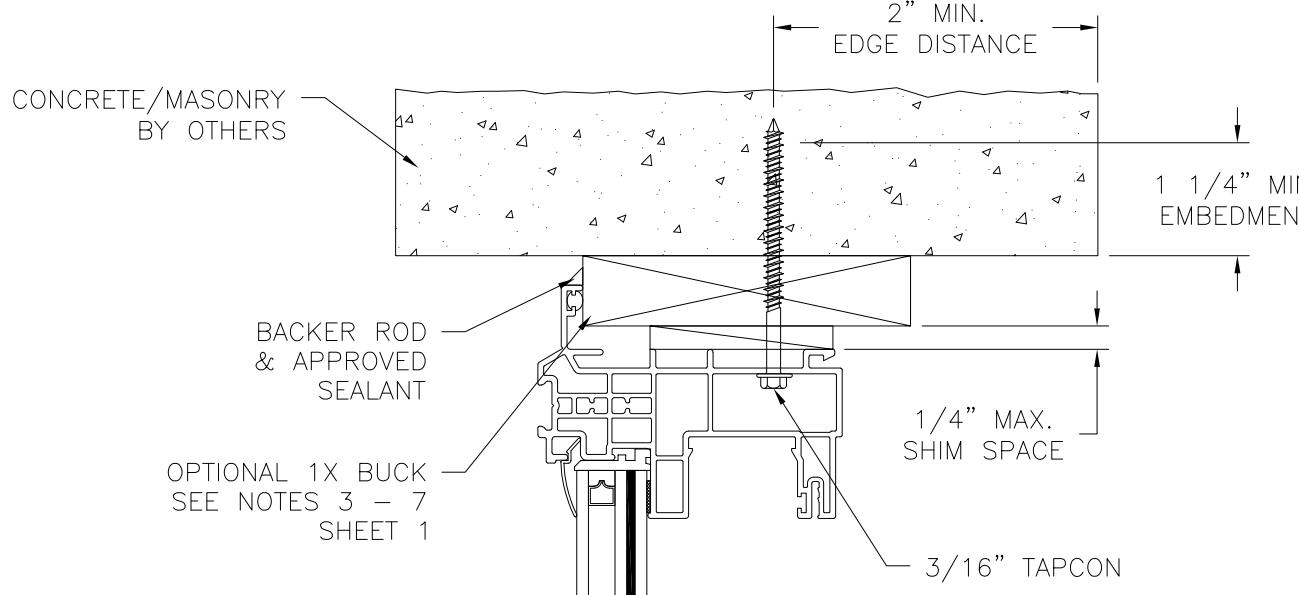
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com



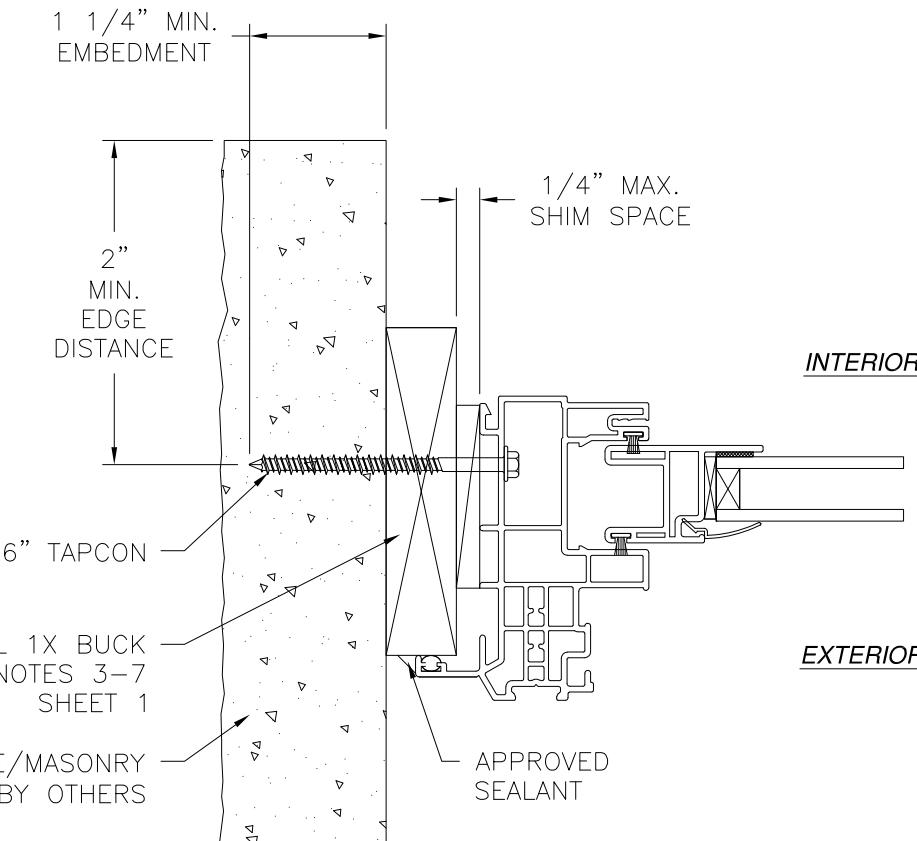
Luis R. Lomas P.E.
FL No.: 62514

REVISONS

REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

NOTES:

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SIGNED: 11/11/2021

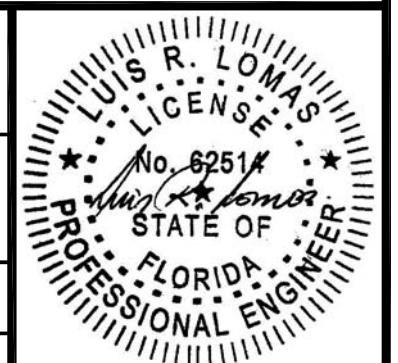
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
INSTALLATION DETAILS W/STORM JAMB

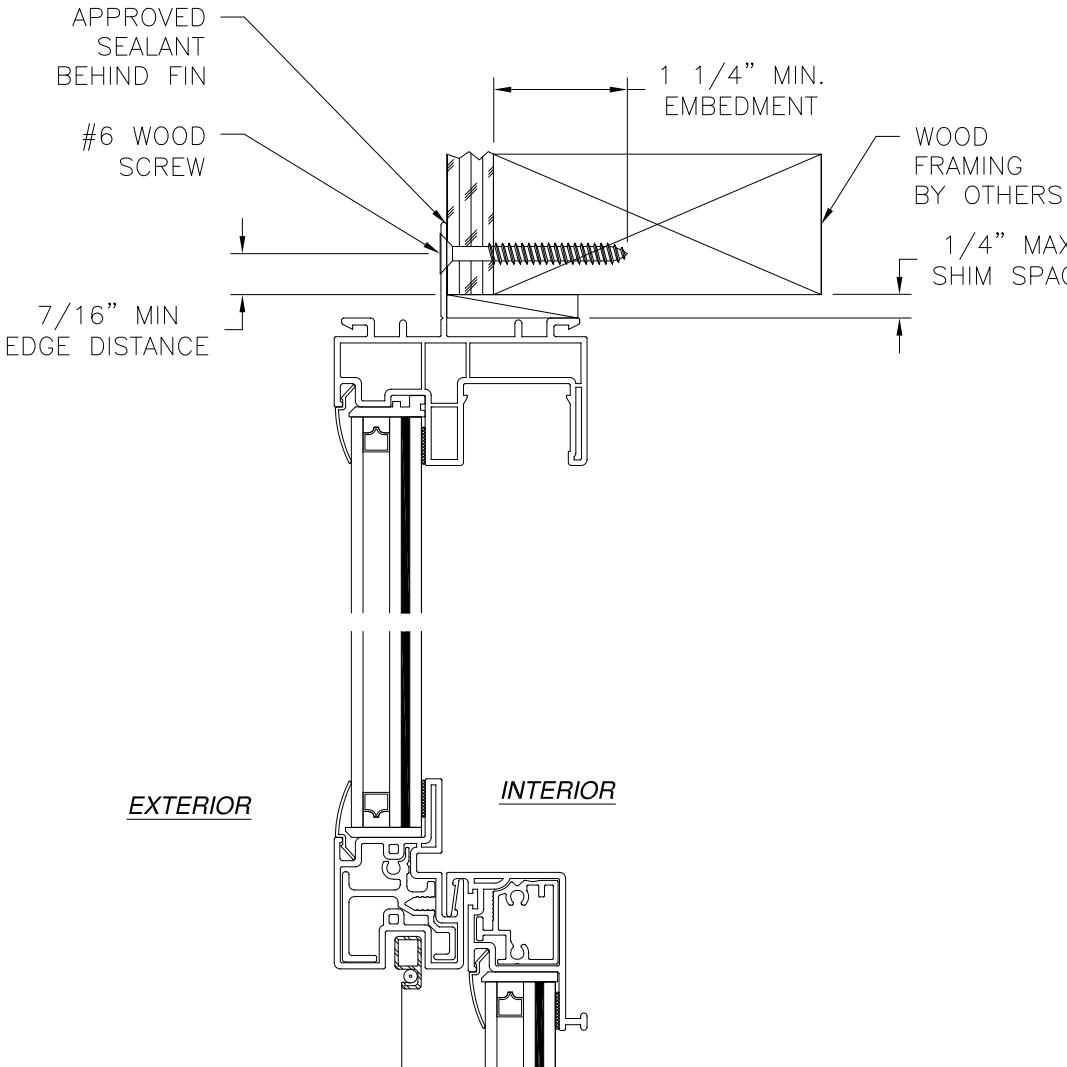
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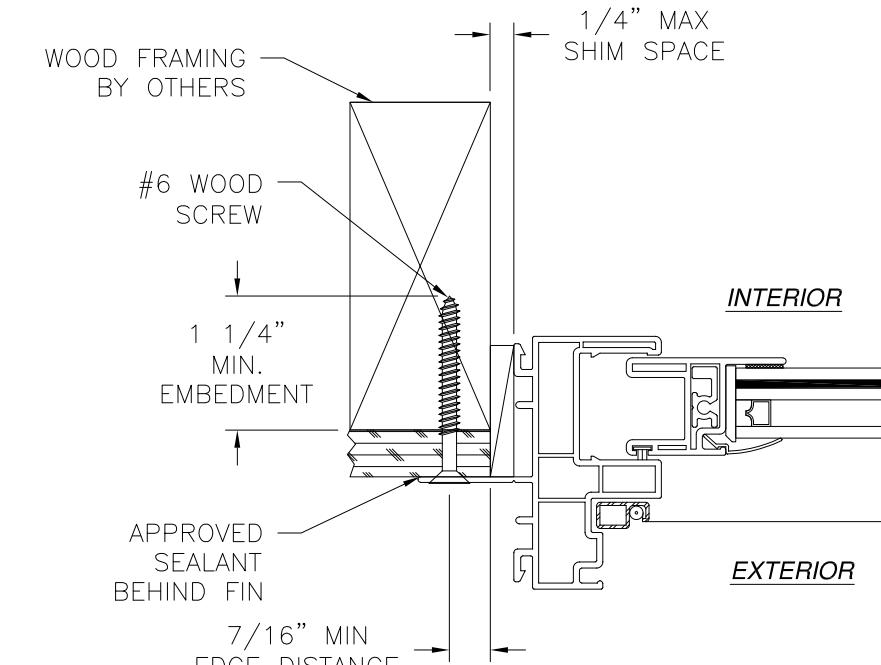
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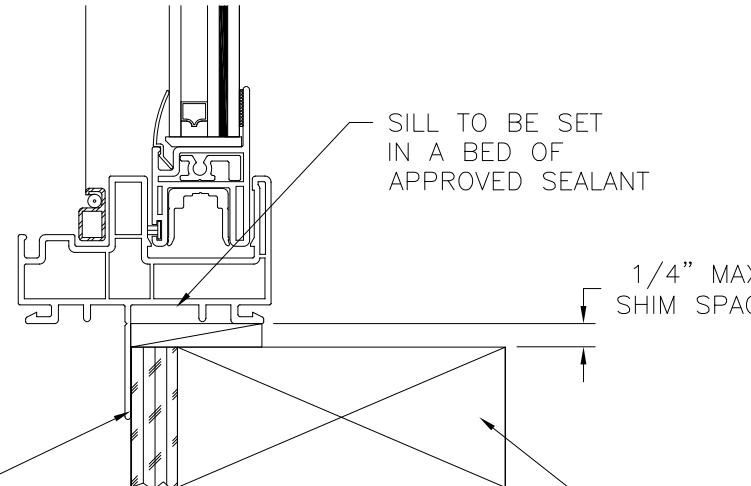
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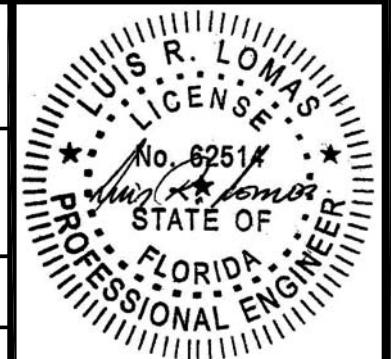


NOTES:

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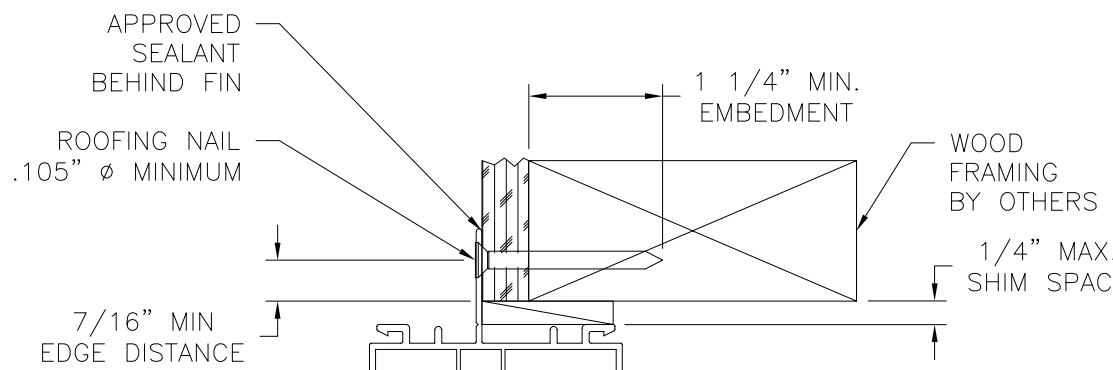
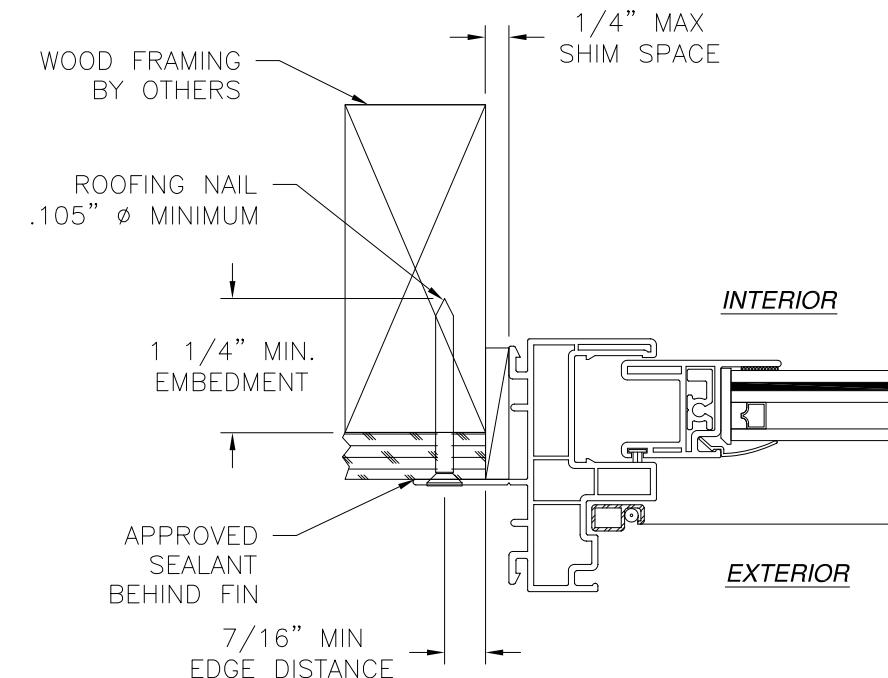
ALL AMERICAN WINDOW COMPANY, LLC.		
1930 HANAHAN ROAD SUITE 1400A		
NORTH CHARLESTON, SC 29406		
SERIES 1900 SINGLE HUNG WINDOW		
53" X 75" - LARGE & SMALL MISSILE IMPACT		
FIN INSTALLATION DETAILS		
DRAWN:	DWG NO.	REV
A.R.	08-03177	C
SCALE NTS	DATE 07/17/18	SHEET 15 OF 19
L. ROBERTO LOMAS P.E.		
1432 WOODFORD RD LEWISVILLE, NC 27023		
434-688-0609 rllomas@rlomaspe.com		



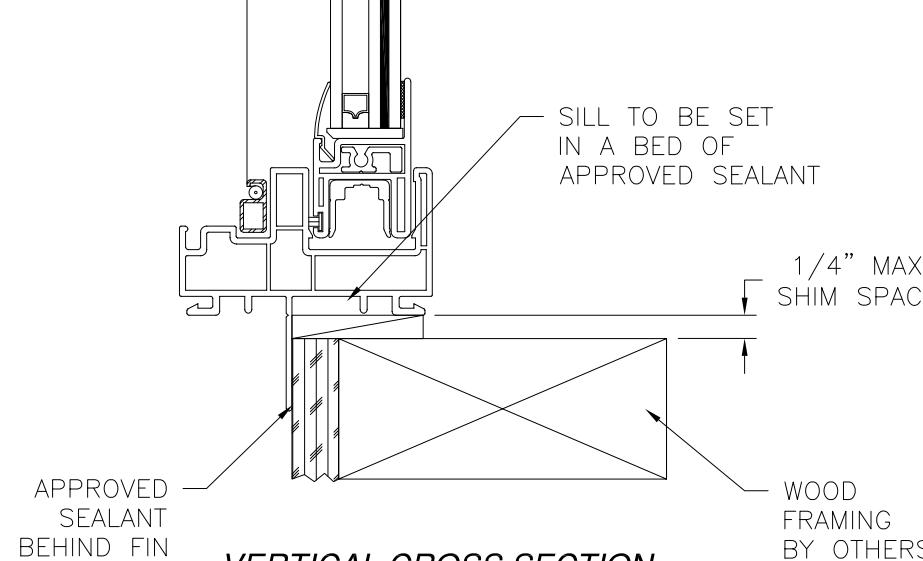
Luis R. Lomas P.E.
FL No.: 62514

REVISONS

REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.

EXTERIORINTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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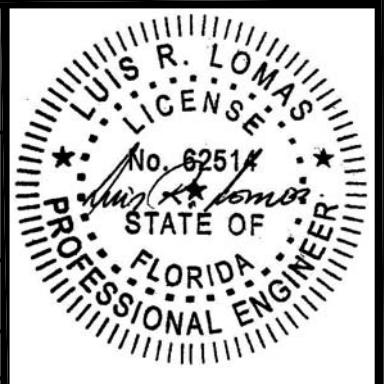
SIGNED: 11/11/2021

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NORTH CHARLESTON, SC 29406

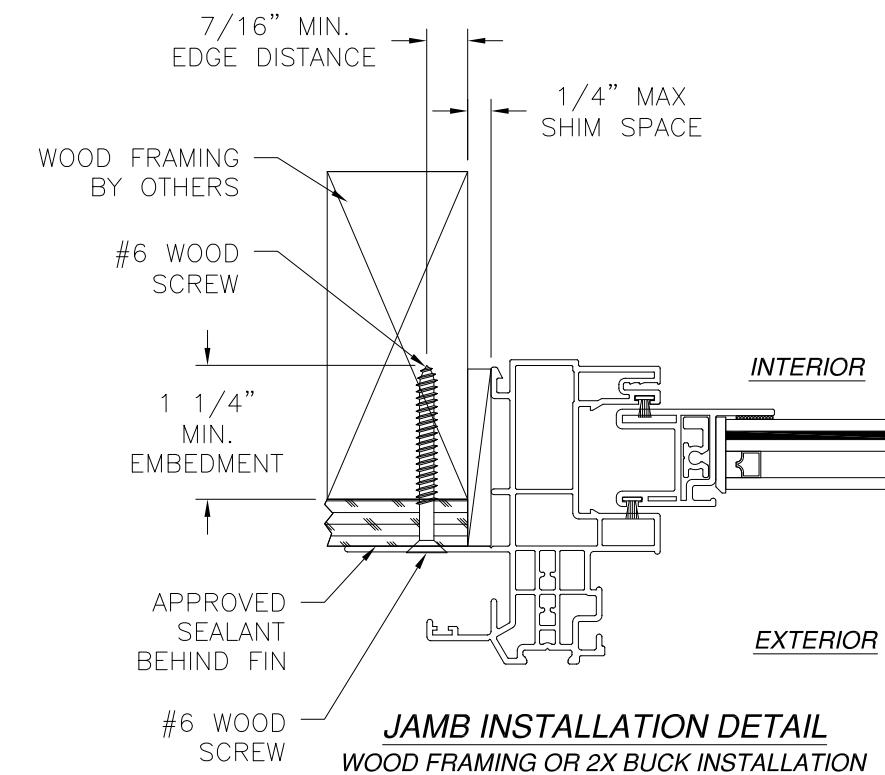
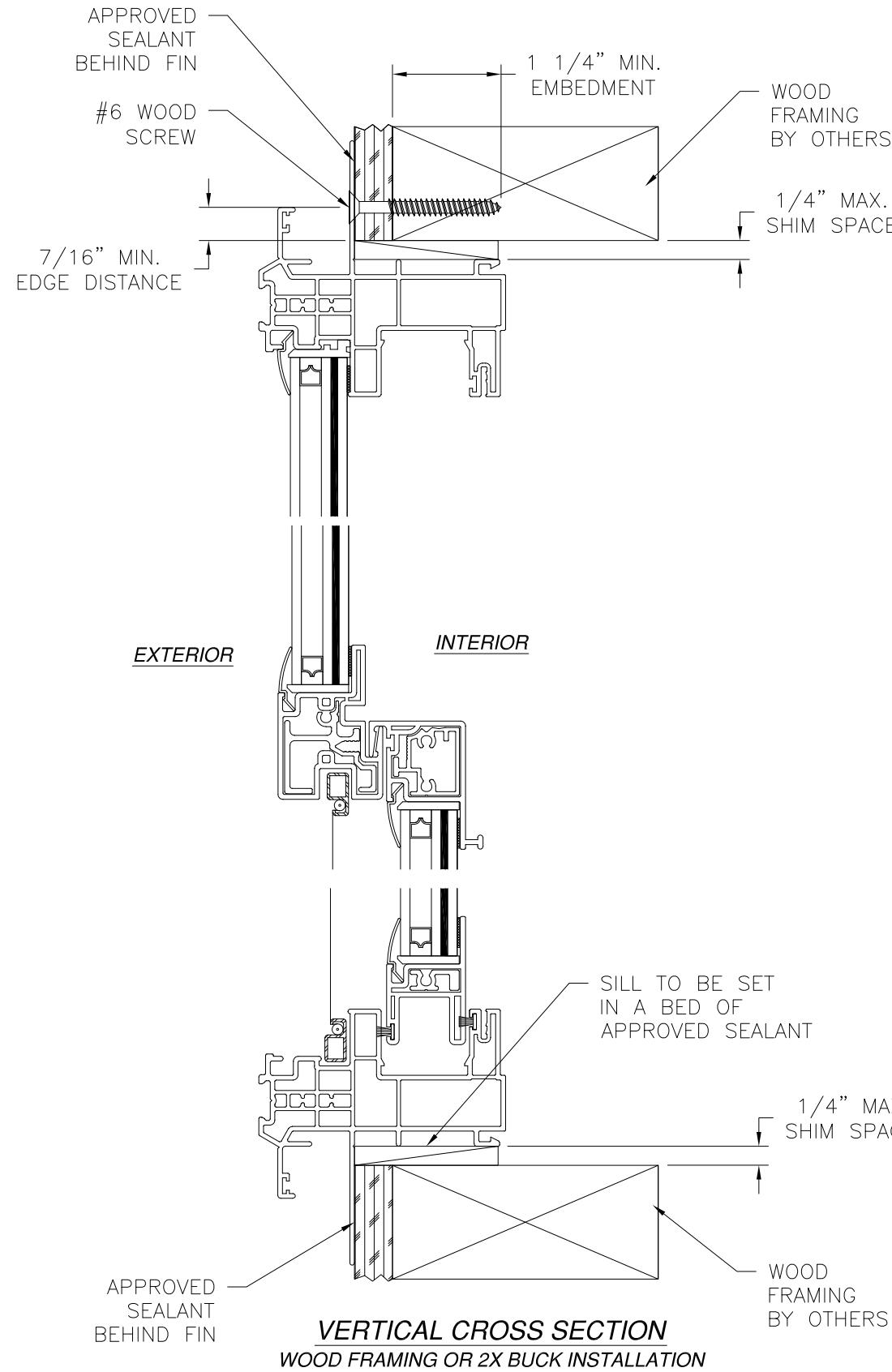
SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
FIN INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03177	REV C
SCALE NTS	DATE 07/17/18	SHEET 16 OF 19

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



Luis R. Lomas P.E.
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SIGNED: 11/11/2021

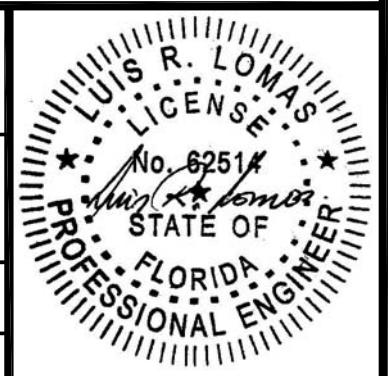
ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
FIN INSTALLATION DETAILS W/ J-CHANNEL

DRAWN: DWG NO. REV
A.R. 08-03177 C

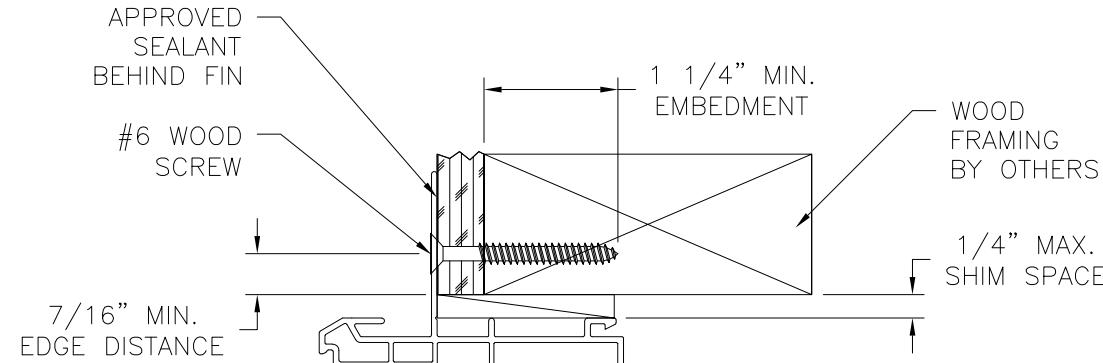
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L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@rlomaspe.com

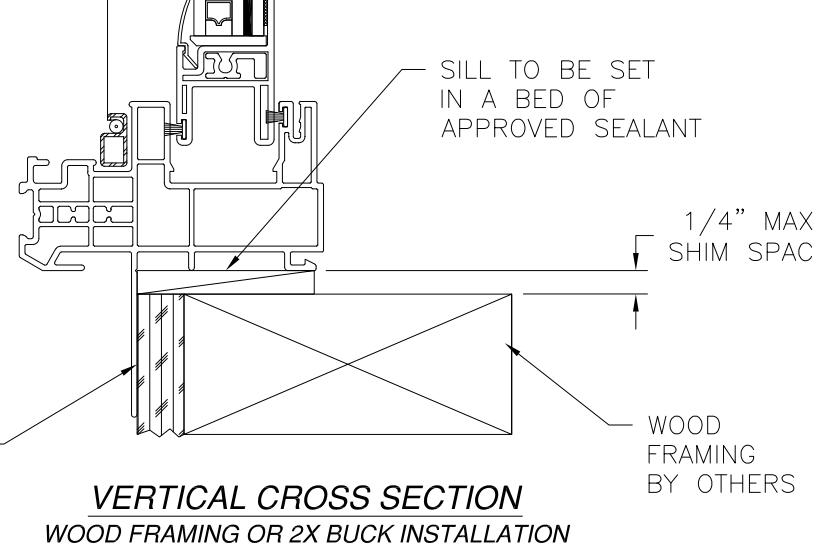


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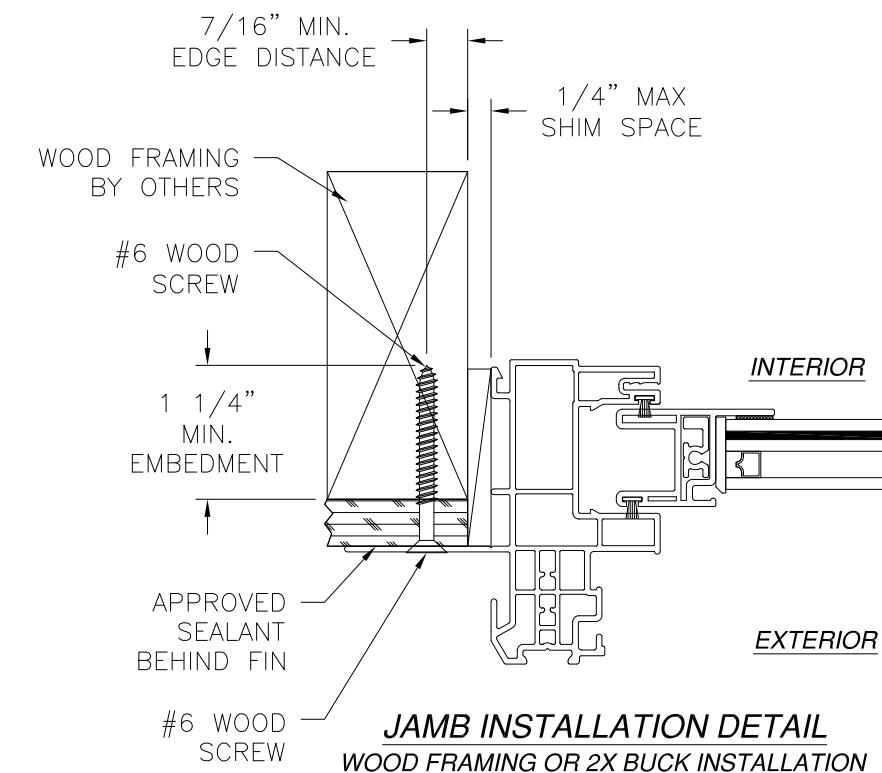
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.



EXTERIOR INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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SIGNED: 11/11/2021

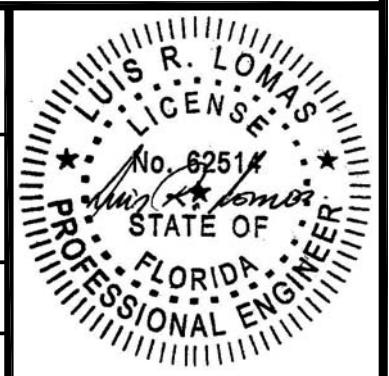
ALL AMERICAN WINDOW COMPANY, LLC.
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NORTH CHARLESTON, SC 29406

SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
FIN INSTALLATION DETAILS WITH J-CHANNEL

DRAWN: DWG NO. REV
A.R. 08-03177 C

SCALE NTS DATE 07/17/18 SHEET 18 OF 19

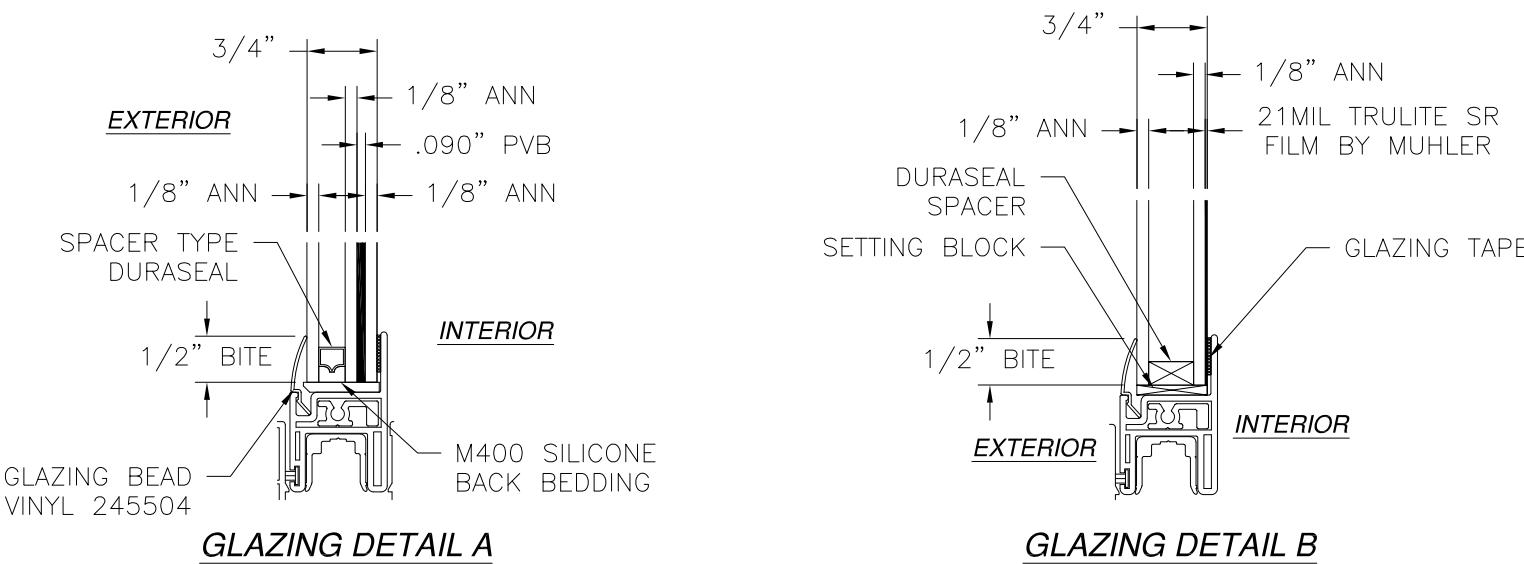
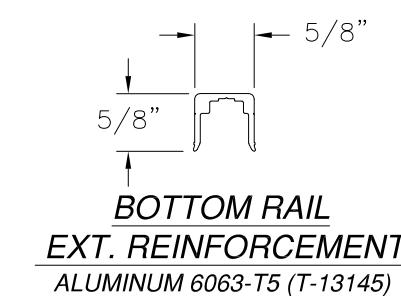
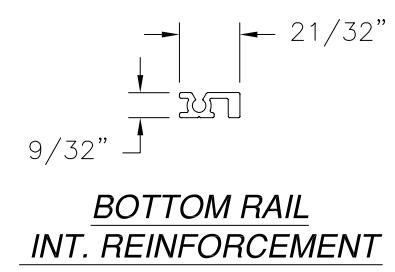
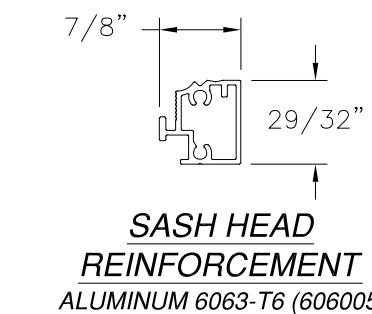
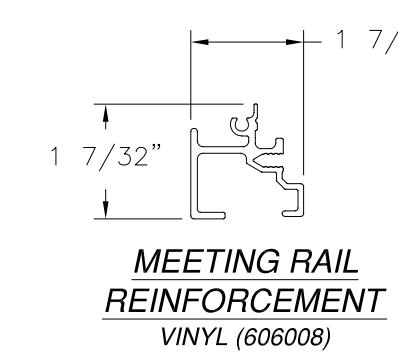
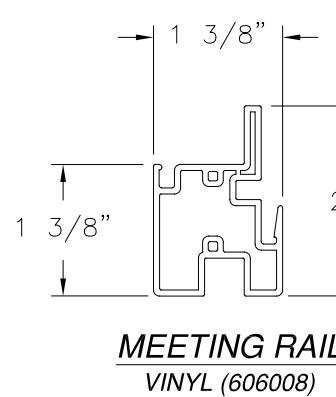
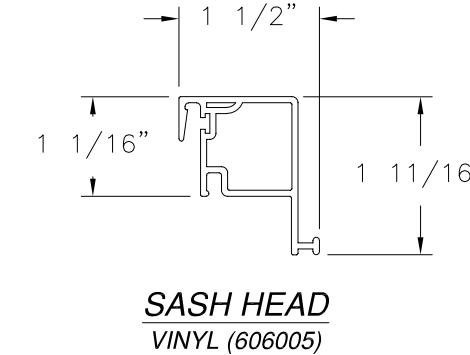
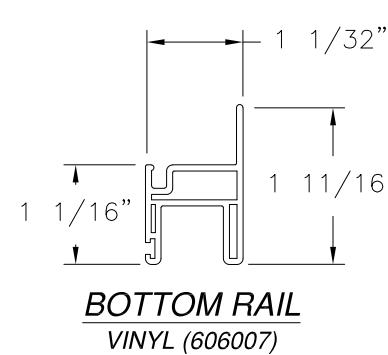
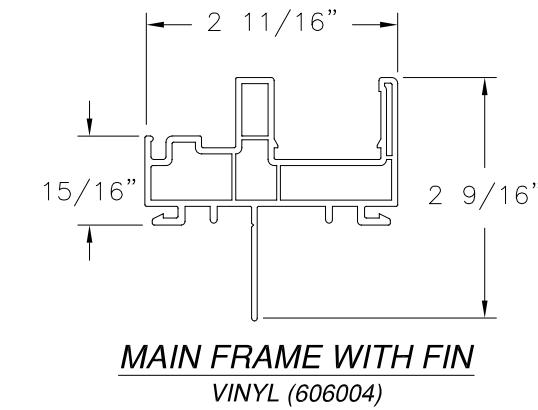
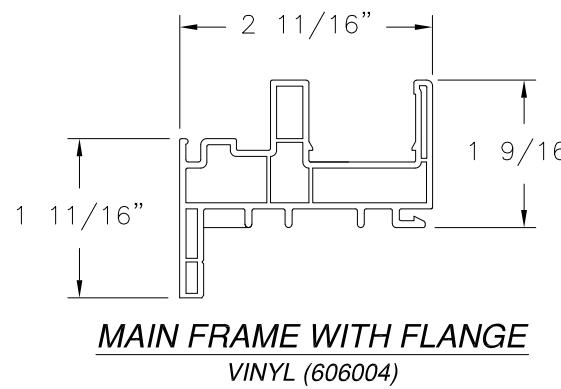
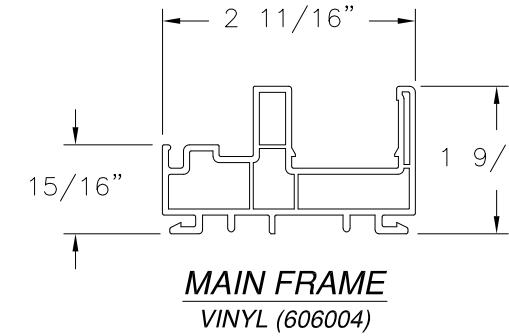
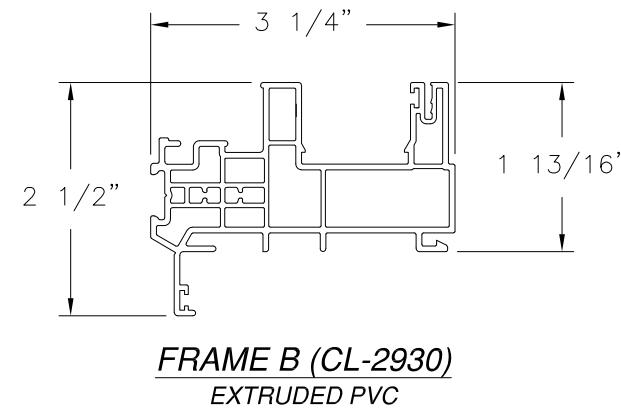
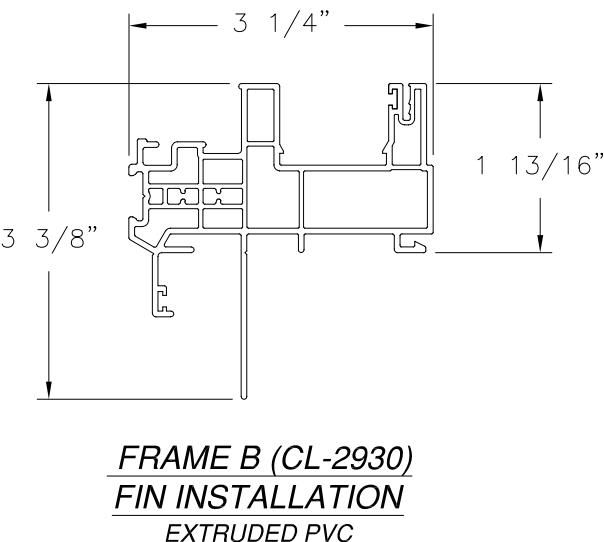
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Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	ADDED DESIGN PRESSURE CHARTS	10/28/2021	R.L.

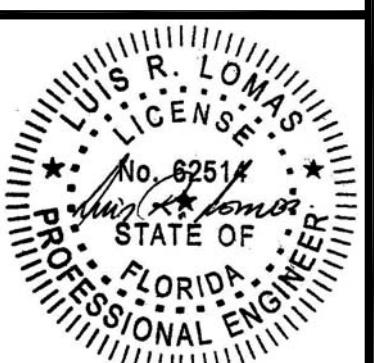
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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ALL AMERICAN WINDOW COMPANY, LLC.
1930 HANAHAN ROAD SUITE 1400A
NORTH CHARLESTON, SC 29406
SERIES 1900 SINGLE HUNG WINDOW
53" X 75" - LARGE & SMALL MISSILE IMPACT
COMPONENTS

DRAWN: A.R. DWG NO. 08-03177 REV C
SCALE NTS DATE 07/17/18 SHEET 19 OF 19

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SIGNED: 11/11/2021