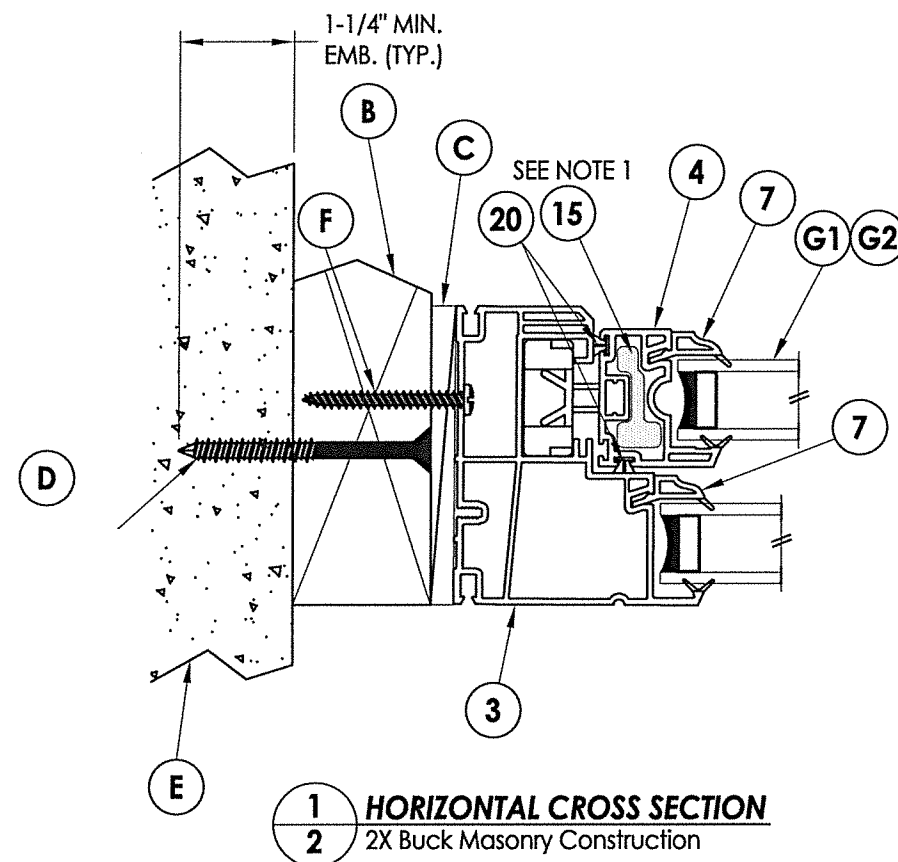


NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least 2 sheets of metal.

The diagram shows a cross-section of a metal roof assembly. On the left, a vertical line indicates the interior side. A sheet metal screw, labeled 'J', is shown passing through a layer labeled 'K' and a layer labeled 'C'. The screw is labeled '3' at its head. The assembly includes a corrugated metal panel labeled '7' and a layer labeled 'G1' and 'G2'. The exterior side is indicated on the right. The diagram shows the screw passing through the corrugated metal panel and the G1/G2 layer.

3 HORIZONTAL CROSS SECTION
2 Metal Stud Construction



HORIZONTAL CROSS SECTION

1X Buck Masonry Construction

SEE NOTE 1

A

C

E

G1 G2

7

4

15

30

H

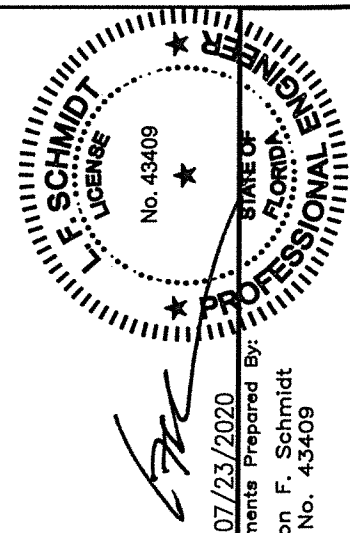
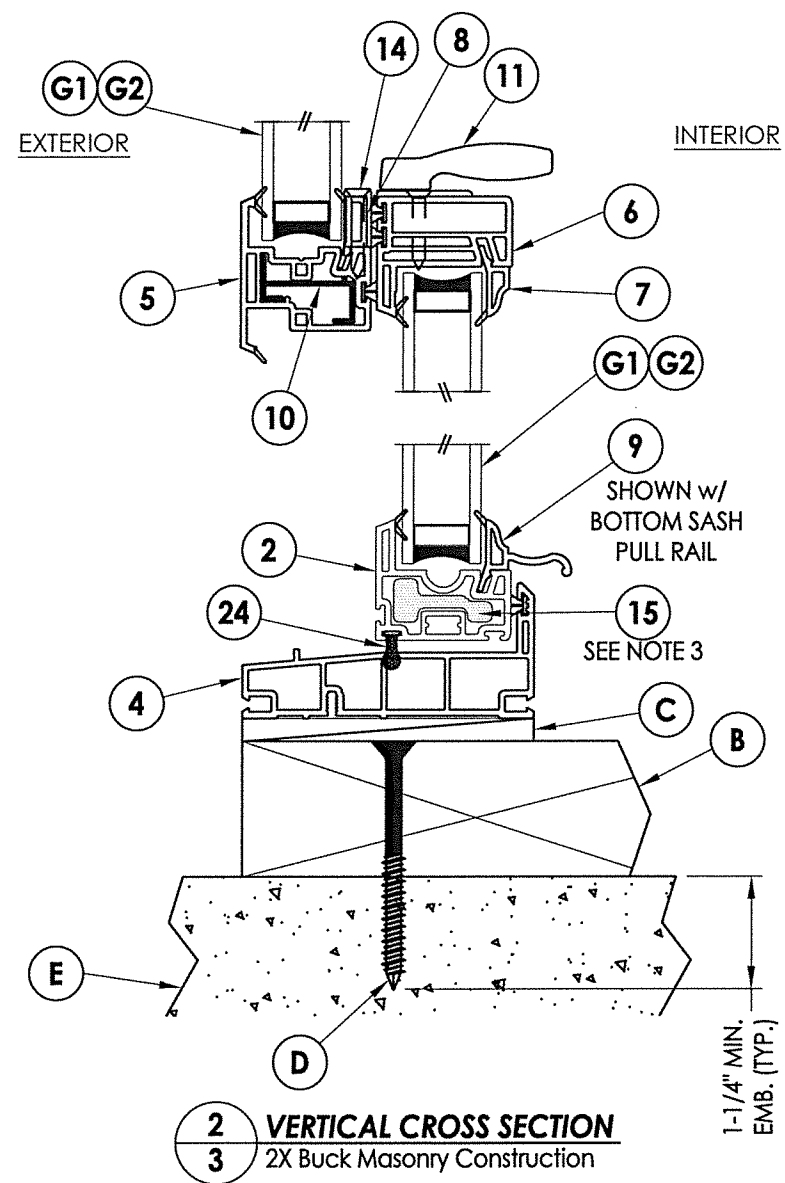
7

3

1-1/4" MIN.
EMB. (TYP.)

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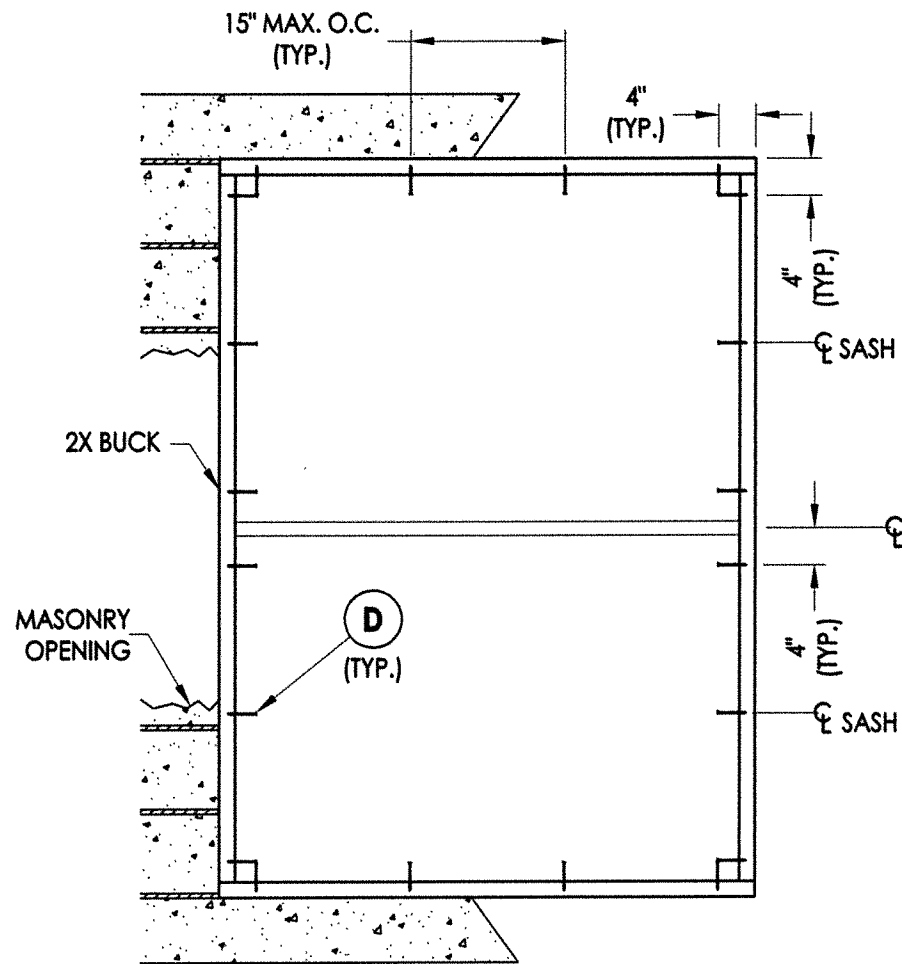
1. LOCK & KEEPER LOCATED 11" FROM EACH END OF LOCK/MEETING RAIL.
2. KEEPER RAIL REINFORCEMENT REQUIRED IN ALL SIZES.
3. BOTTOM RAIL REINFORCEMENT REQUIRED IN ALL SIZES EXCEPT 40" X 63" FRAME SIZE.
4. SILL RISER REQUIRED FOR ALL POSITIVE DESIGN PRESSURES > 25 PSF.



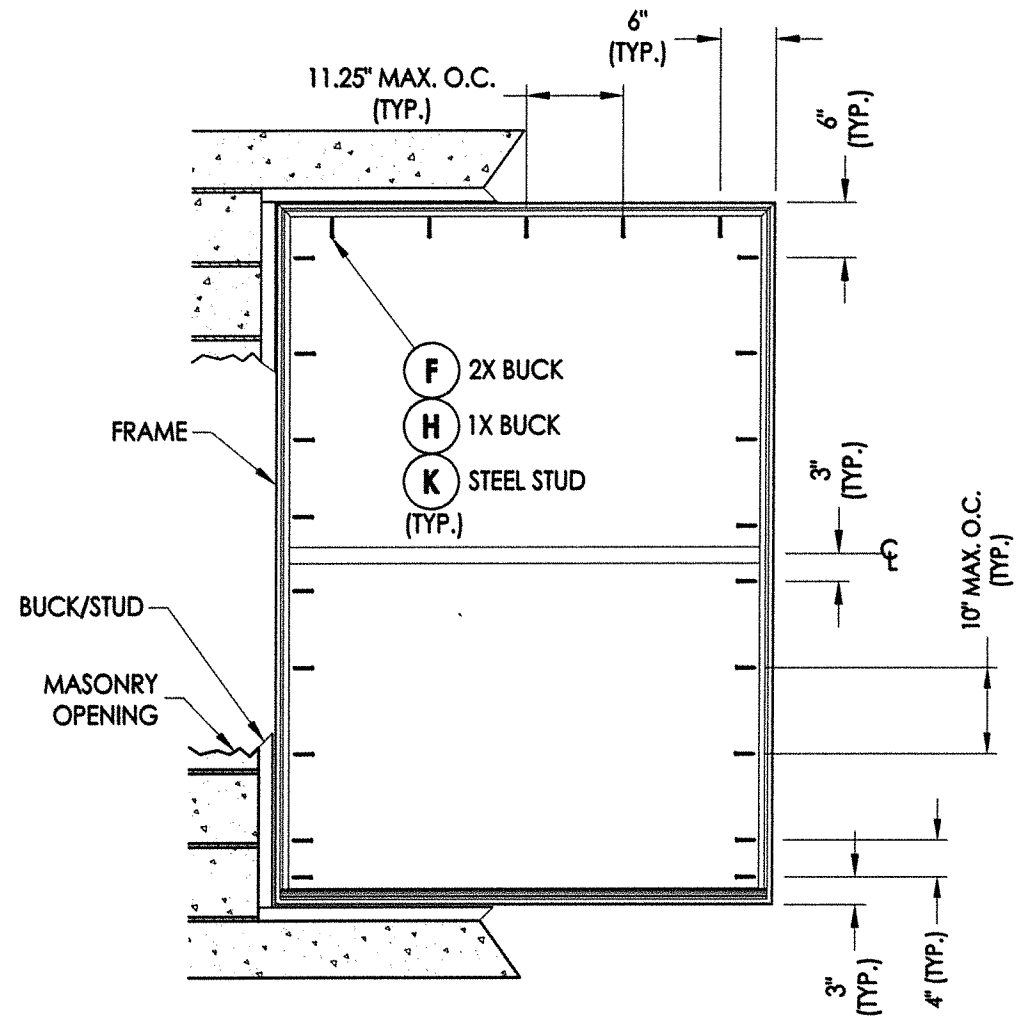
01/23/2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry License No. 9813

DATE: 4/04/20		REVISIONS NO. DATE		UPDATE TO 7th ED (2020) FBC DAC BY		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
SCALE: N.T.S.							
DWG. BY: TRJ							
CHK. BY: LFS							
DRAWING NO.: FL-26906.11							
SHEET 3 OF 6		PRODUCT: RESTORATIONS SERIES SINGLE HUNG WINDOW					



BUCK ANCHORING



FRAME ANCHORING

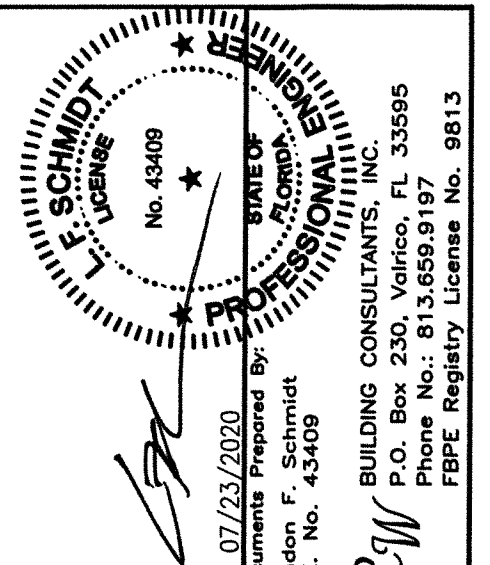
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



07/23/2020

01/23/2020
Documents Prepared By:
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RW

PRODUCT: RESTORATIONS SERIES
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

[illegible]

DATE: 4/04/20

SCALE: N.T.S.

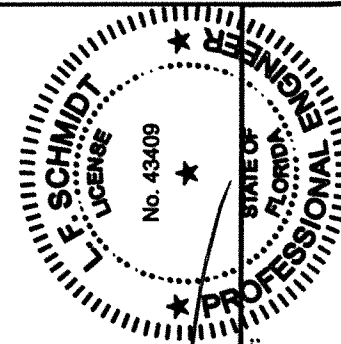
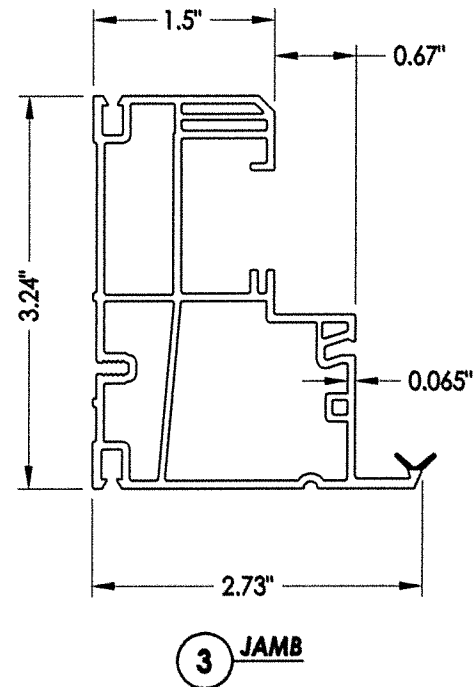
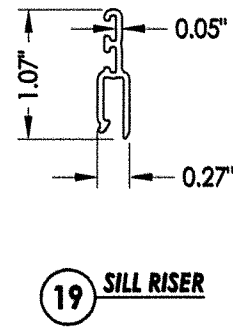
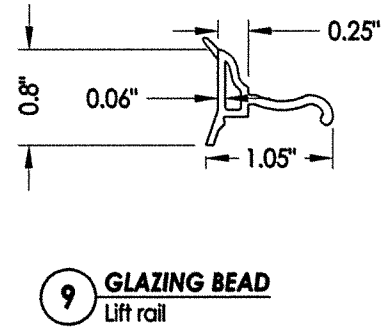
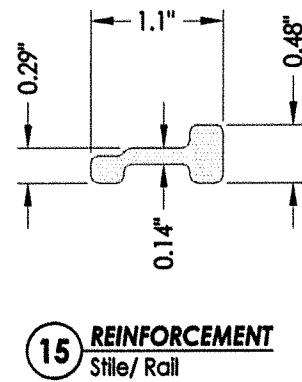
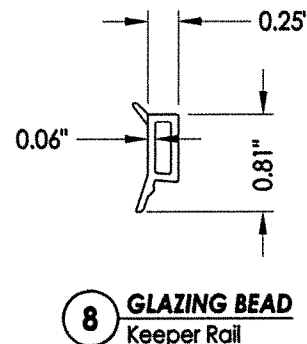
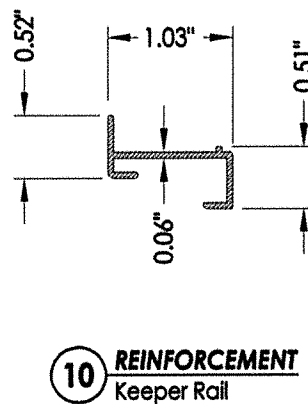
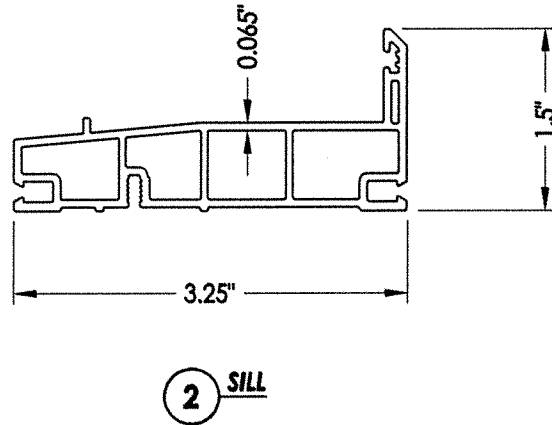
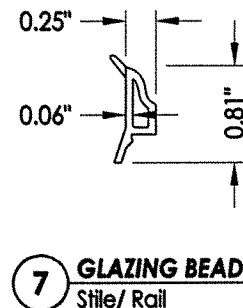
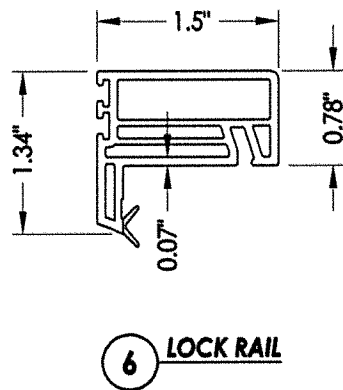
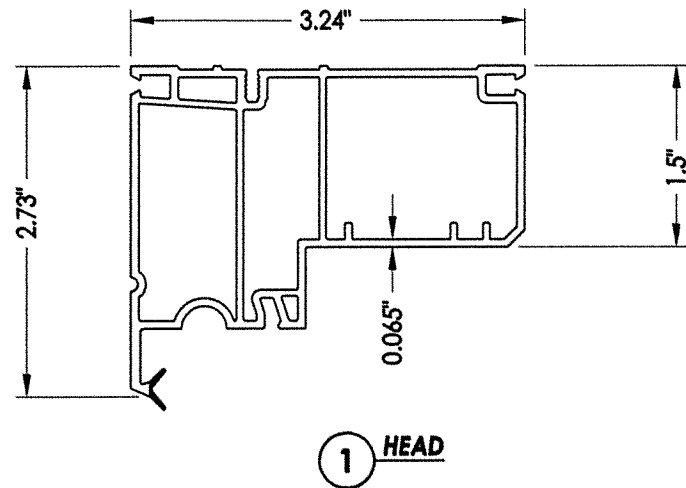
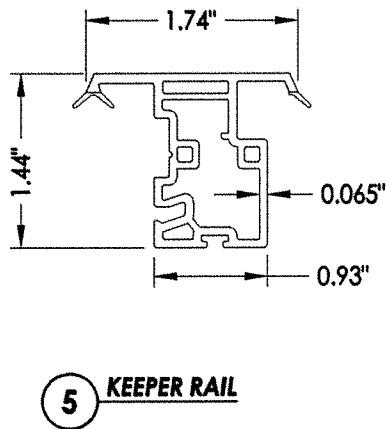
DWG. BY: TRJ

CHK. BY: LFS

DRAWING NO.:

FL-26906.1

SHEET 4 OF 6



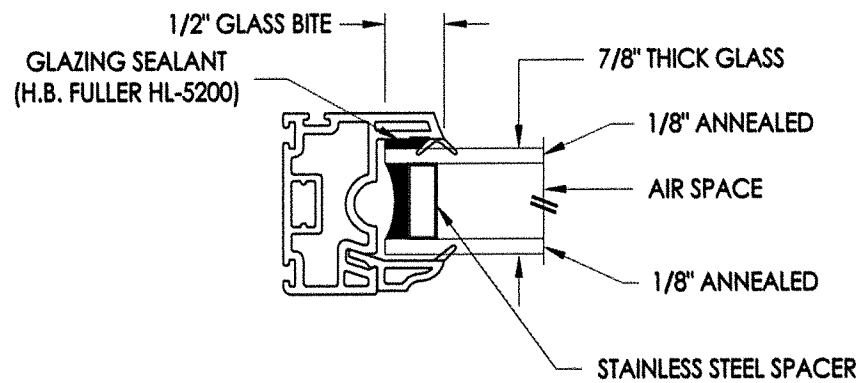
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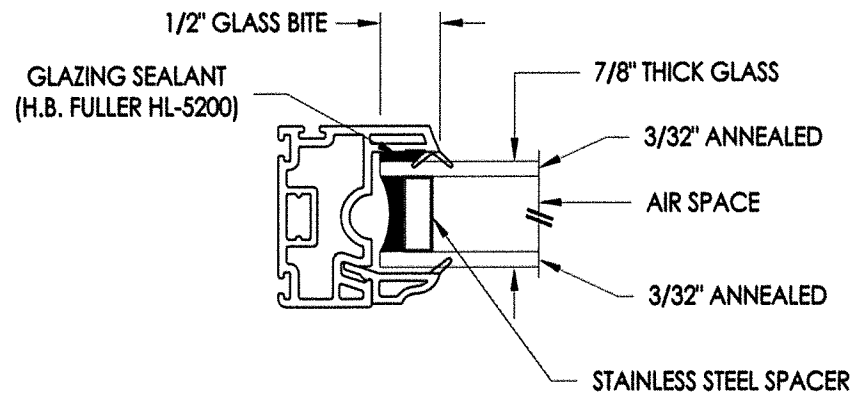
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 1-3/4" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
H	1/4" X 2-3/4" HWH ELCO OR ITW CONCRETE SCREW	STEEL
1	HEAD*	RIGID PVC
2	SILL*	RIGID PVC
3	JAMB*	RIGID PVC
4	STILE/ RAIL*	RIGID PVC
5	KEEPER RAIL*	RIGID PVC
6	LOCK RAIL*	RIGID PVC
7	GLAZING BEAD* (STILE/ RAIL)	RIGID PVC
8	GLAZING BEAD* (KEEPER RAIL)	RIGID PVC
9	GLAZING BEAD* (LIFT RAIL)	RIGID PVC
10	REINFORCEMENT (KEEPER RAIL)	6063-T6 ALUM.
11	SASH LOCK	-
14	#6 X 1" PFH SMS	STEEL
15	REINFORCEMENT (STILE/RAIL)	COMP.
19	SILL RISER*	RIGID PVC
20	WEATHERSTRIP (FIN-PILE)	-
24	BULB GASKET	FOAM
30	WINDOW BALANCE	-

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 GLAZING DETAIL



G2 GLAZING DETAIL

