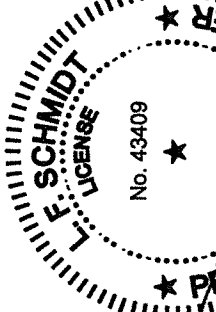




A detailed cross-section diagram of a window frame assembly. The diagram shows a central vertical mullion (labeled 6) flanked by horizontal sashes (labeled 2). The sashes are held in place by a complex system of tracks and rollers (labeled 10, 8, 5, 31). The entire assembly is mounted into a wall or structure (labeled G1, G2). The diagram is labeled 'CROSS SECTION' and 'SEE NOTE 2'.


August 04, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409



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

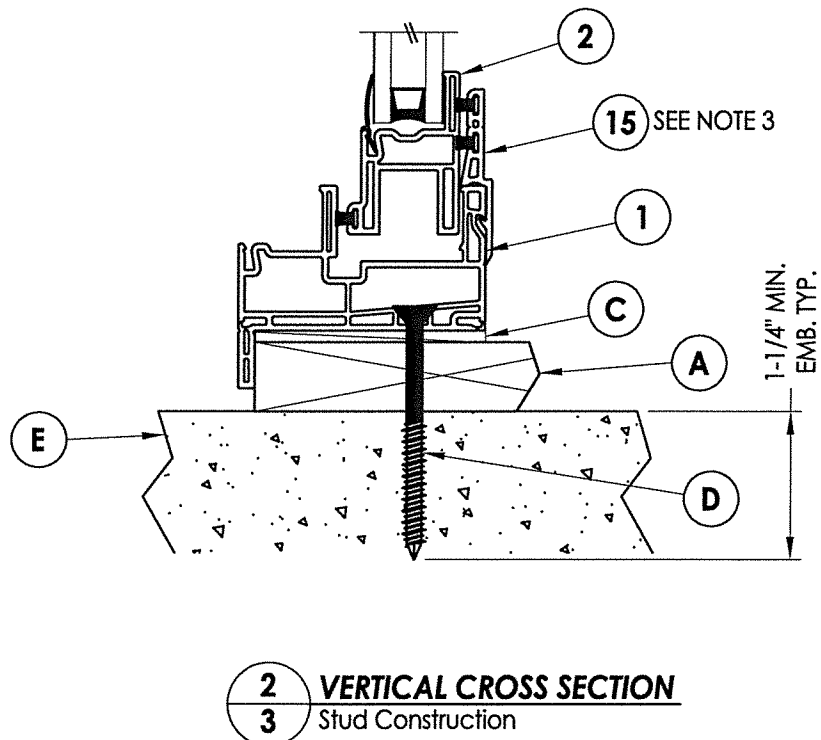
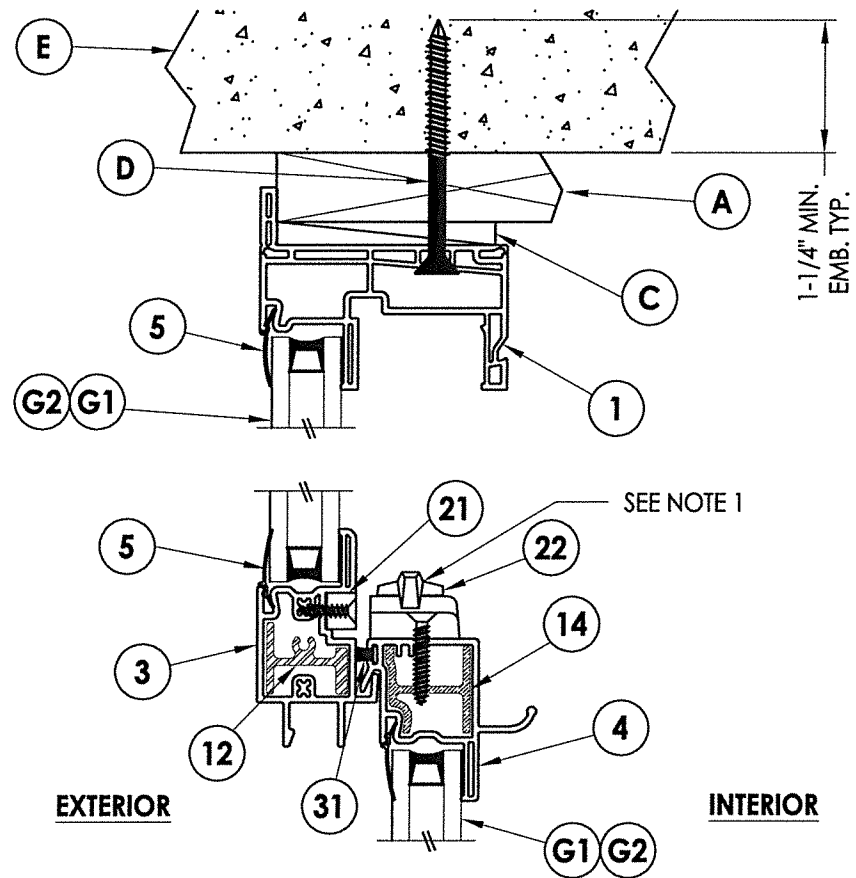
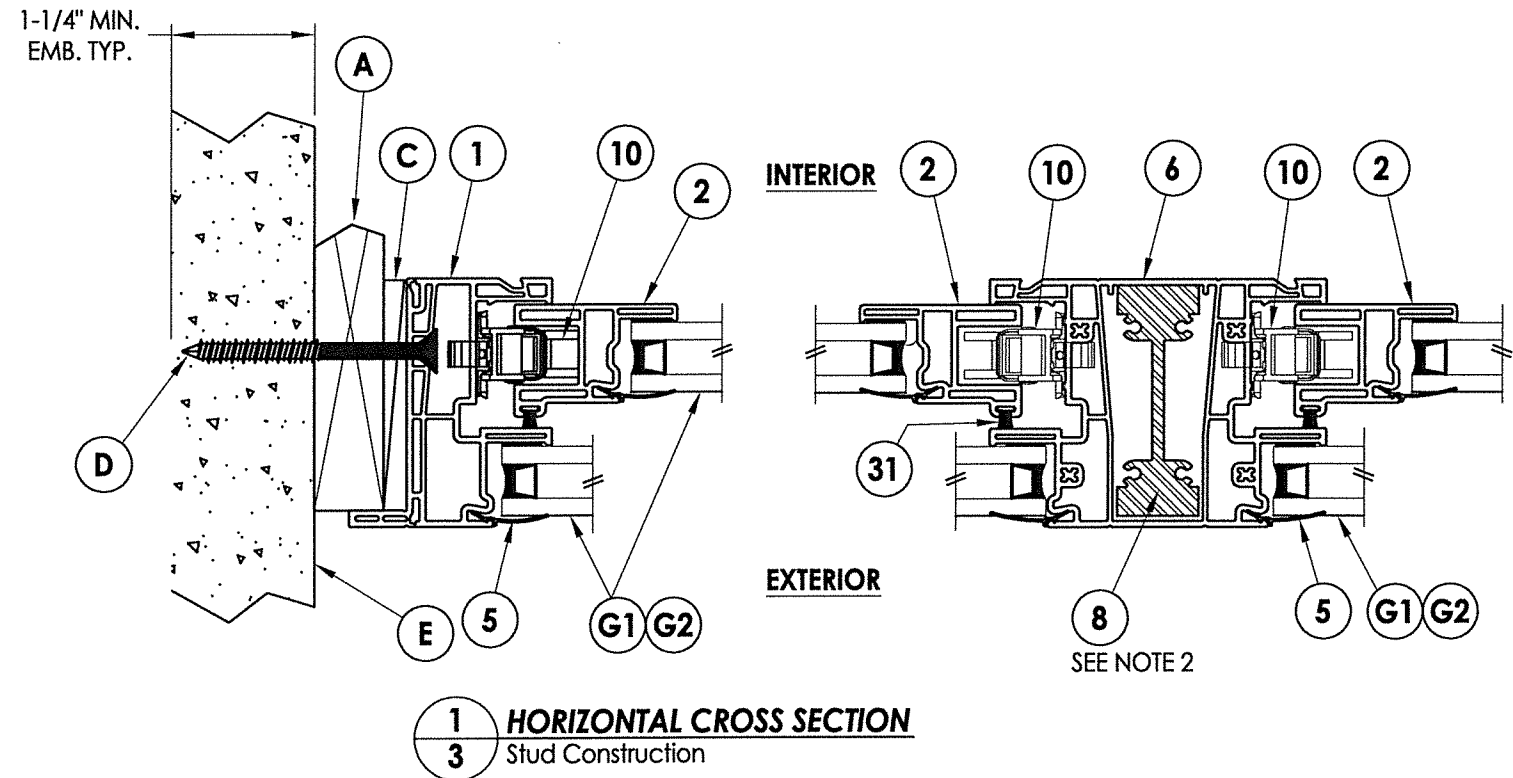
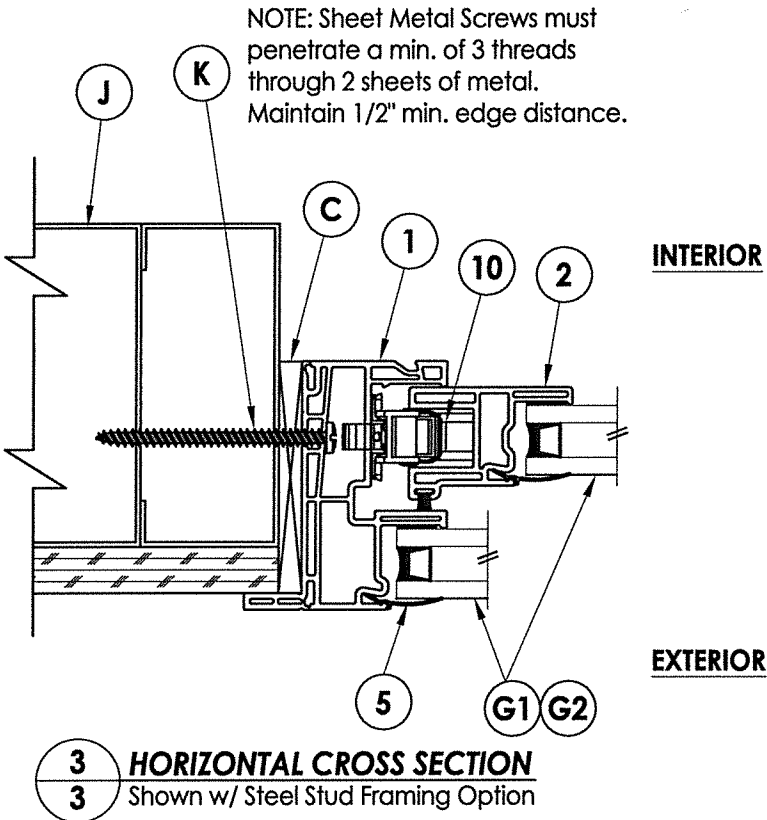
OR ASSEMBLY:
VERTICAL & HORIZONTAL
CROSS SECTIONS

[illegible]

SHEET 2 OF 6

\\dc01\vwbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\C - Drawings\FL-16854 (2020)\FL-16854.19-20.dwg

- NOTES:
1. Lock and keeper located 7" from each end of frame jamb.
 2. Meeting rail reinforcement is continuous through the integral mullion.
 3. Sill riser required when positive design pressure > 40 psf.



STATE OF FLORIDA
PROFESSIONAL ENGINEER
L. E. SCHMIDT
No. 43409
August 04, 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 No. 9813

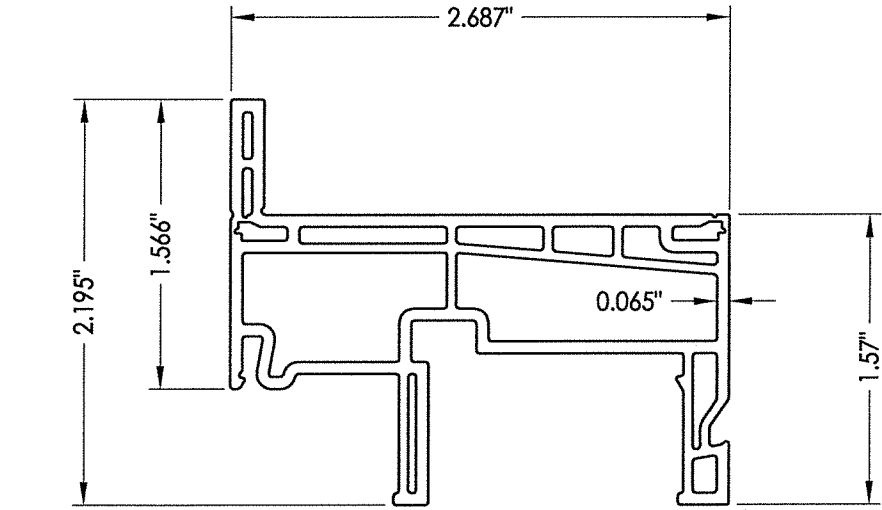
PRODUCT: SINGLE HUNG WINDOW

PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

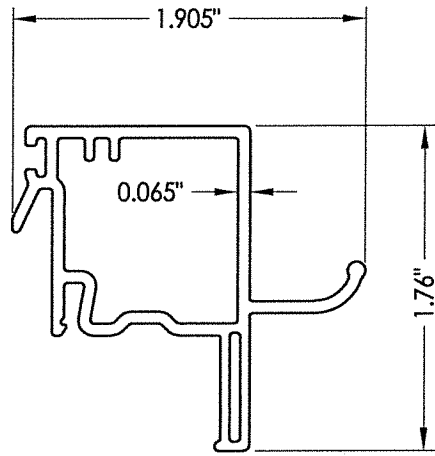
NO.	DATE	REVISIONS
3	8/04/20	UPDATE TO 7th ED. (2020) FBC
2	8/12/19	REVISE DESIGN PRESSURE TABLE
1	2/08/18	REVISE DESIGN PRESSURE TABLE

DATE: 10/10/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16854.19
SHEET 3 OF 6

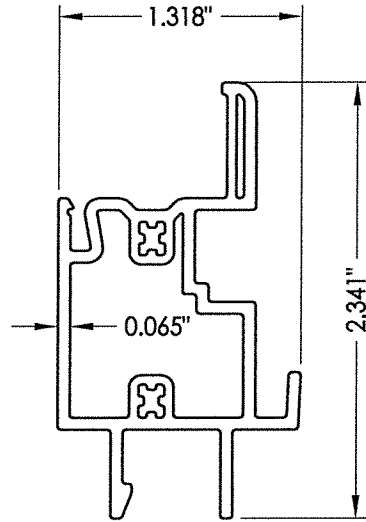
\\dc01\vwbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-16854 Windows - Single Hung\C - Drawings\FL-16854 (2020)\FL-16854.19-20.dwg



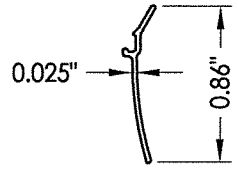
1 FRAME



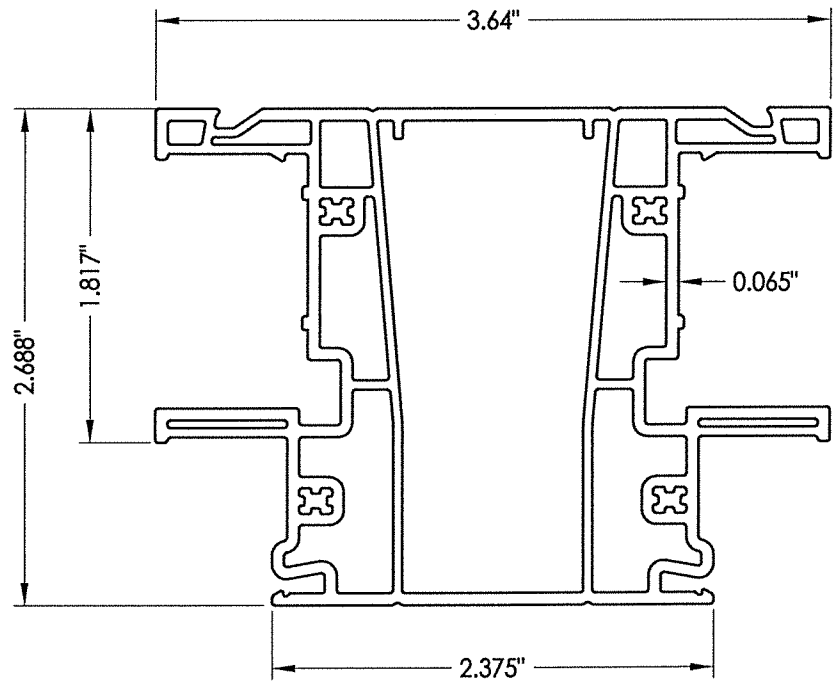
4 LOCK RAIL



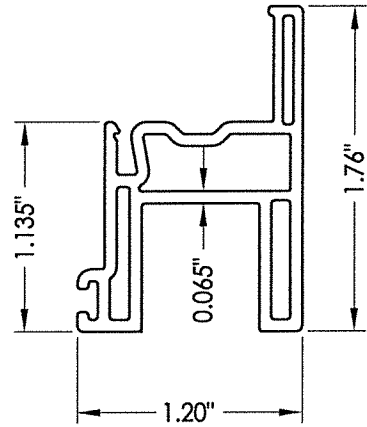
3 MEETING RAIL



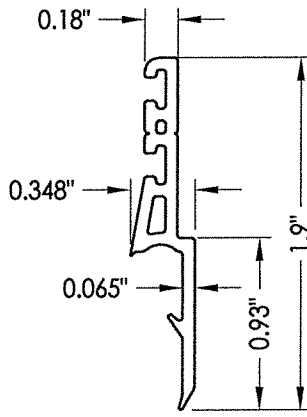
5 GLAZING BEAD



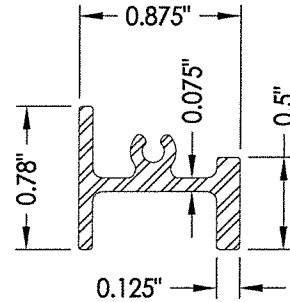
6 MULLION



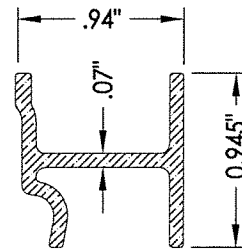
2 STILE / BOTTOM RAIL



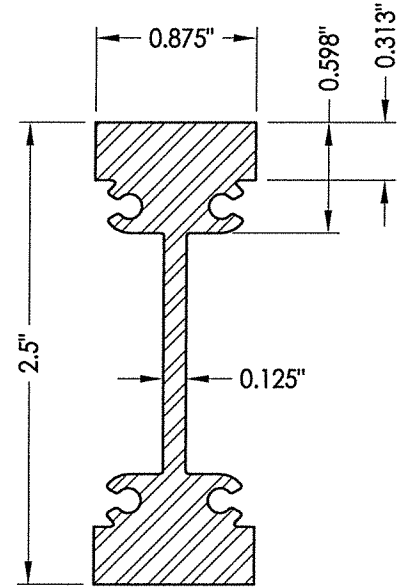
15 SILL RISER



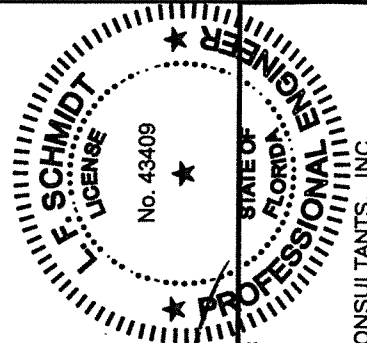
12 REINFORCEMENT
Meeting rail



14 REINFORCEMENT
Lock rail



8 MULLION REINFORCEMENT



August 04, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E., No. 43409

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

PRODUCT:		SINGLE HUNG WINDOW	
PART OR ASSEMBLY:		COMPONENTS	
REVISIONS			
NO.	DATE	BY	
3	8/04/20	DAC	UPDATE TO 7th ED. (2020) FBC
2	8/12/19	LFS	REVISE DESIGN PRESSURE TABLE
1	2/08/18	LFS	REVISE DESIGN PRESSURE TABLE
DATE: 10/10/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16854.19			
SHEET 5 OF 6			

1/2" GLASS BITE

GLAZING TAPE

3/4" O.A. GLASS THK.

1/8" ANNEALED GLASS

AIR SPACE

1/8" ANNEALED GLASS

ALUM SPACER

1/2" GLASS BITE

GLAZING TAPE

3/4" O.A. GLASS THK.

3/16" ANNEALED GLASS

AIR SPACE

3/16" ANNEALED GLASS

ALUM SPACER

G2 GLAZING DETAIL

