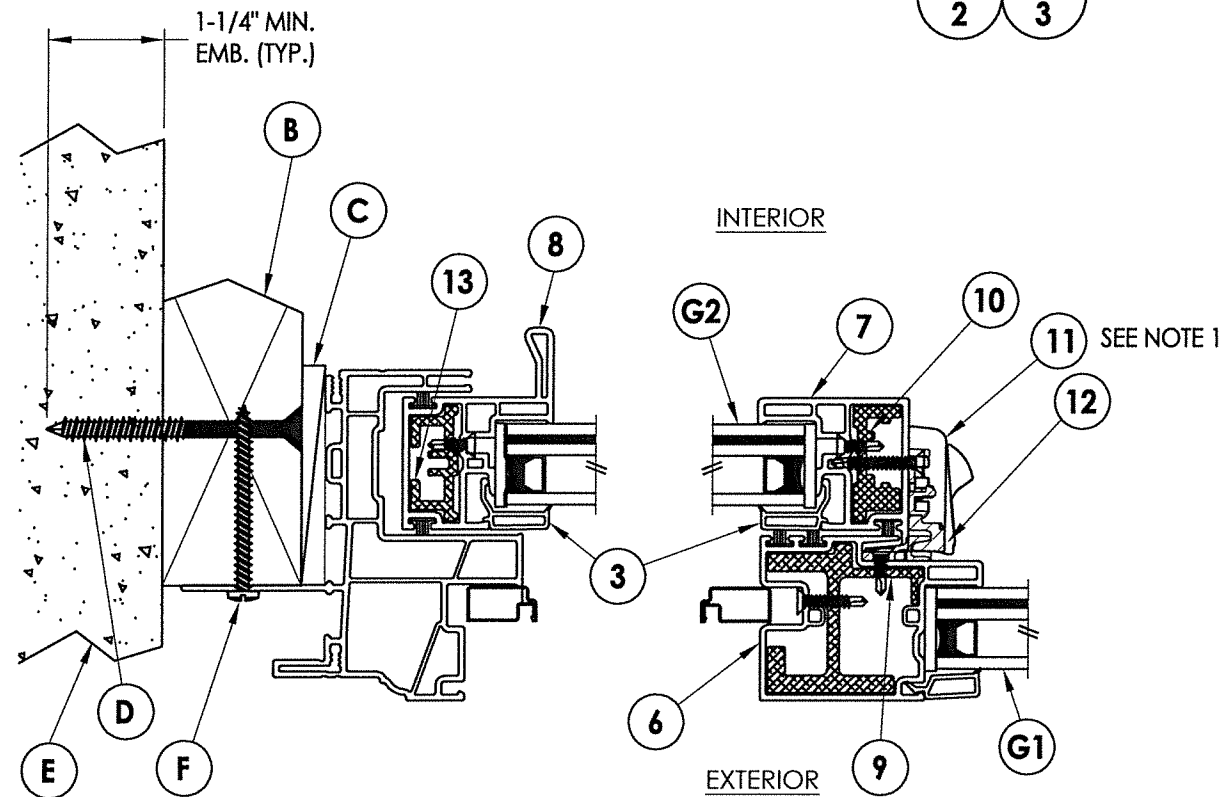
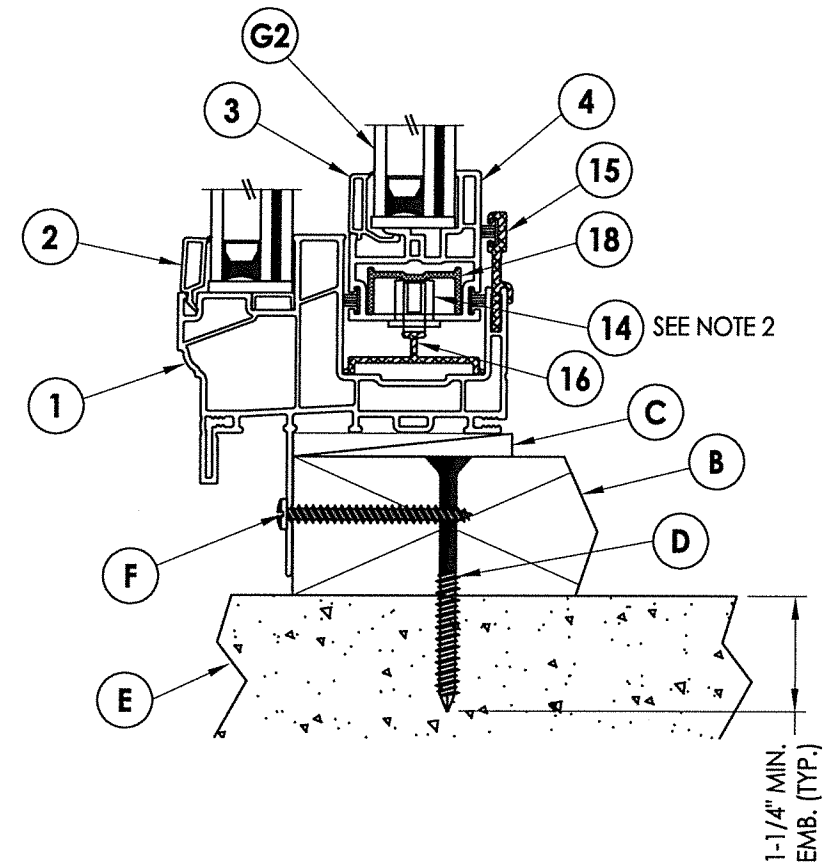


1. Lock and keeper located 7" from each end of lock/meeting stile.
2. Metal roller assembly located 2" from each end of the bottom rail.
3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.

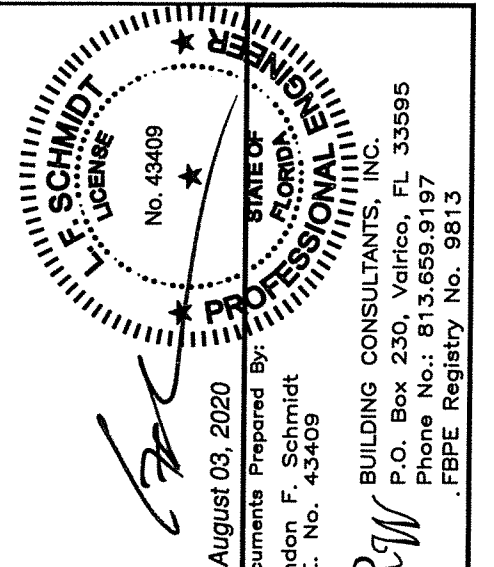


1 HORIZONTAL CROSS SECTION

2 2X Buck Masonry Construction



2 VERTICAL CROSS SECTION
2 2X Buck Masonry Construction



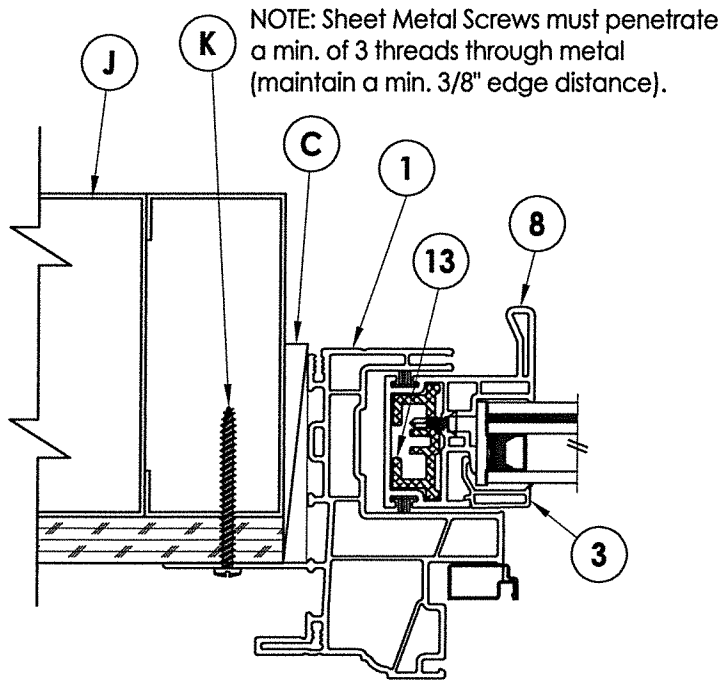
Documents Prepared by
Lyndon F. Schmidt
P.E. No. 43409

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

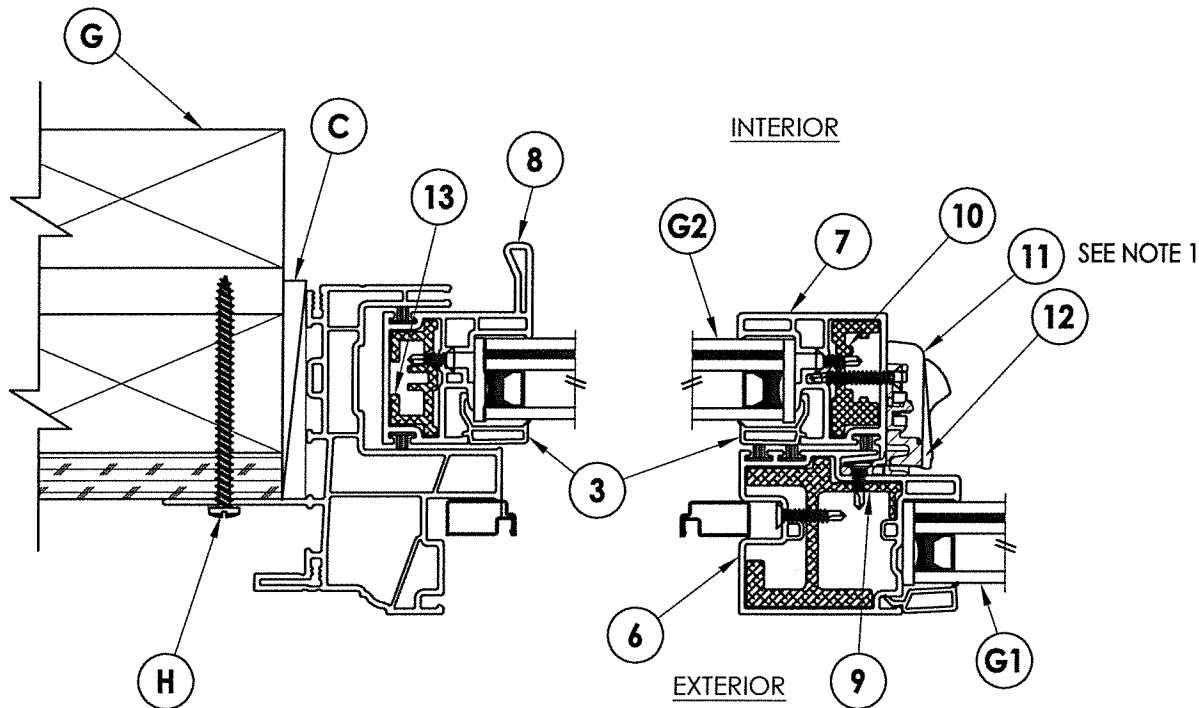
DATE: 9/24/14								PRODUCT:		Doers	
SCALE: N.T.S.											
DWG. BY: JK				7/30/20		UPDATE TO 7TH ED. (2020)		FBC		DAC	
CHK. BY: LFS				3		9/22/17		UPDATE TO 6TH ED. (2017)		FBC JK	
DRAWING NO.: FL-16853.9				2		12/17/15		REVISE MODEL NAME		JK	
SHEET 2 OF 6				1		6/25/15		UPDATE TO 5TH ED. (2014)		FBC LFS	
		NO. DATE								BY	
										REVISIONS	
										PART OR ASSEMBLY:	
										VERTICAL & HORIZONTAL CROSS SECTIONS	

\\dc01\rbcb\clients\Doers PERMANENT\A - Florida Product Approvals\FL-16853 Windows - Horizontal Sliders\C - Drawings\FL-16853 (2020)\FL-16853.8-9.dwg

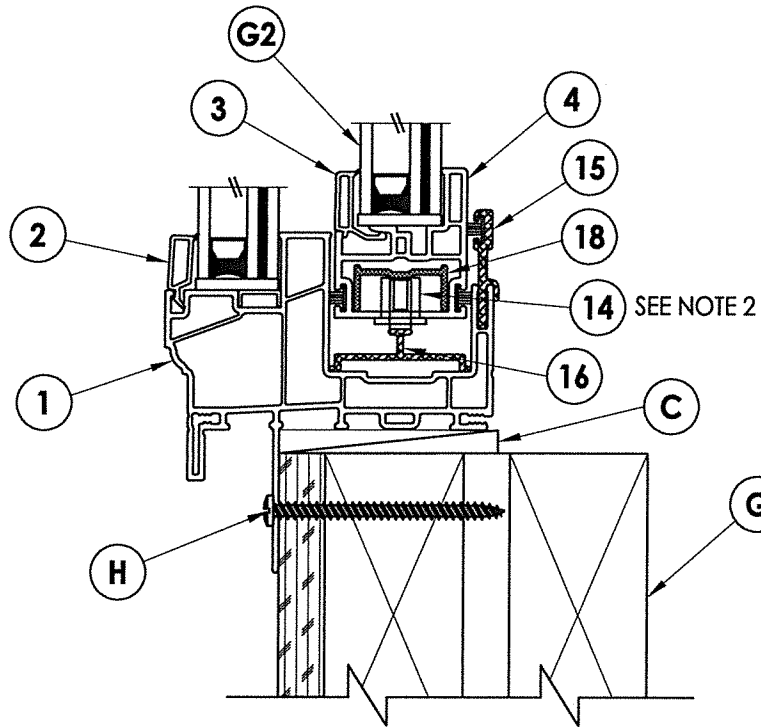
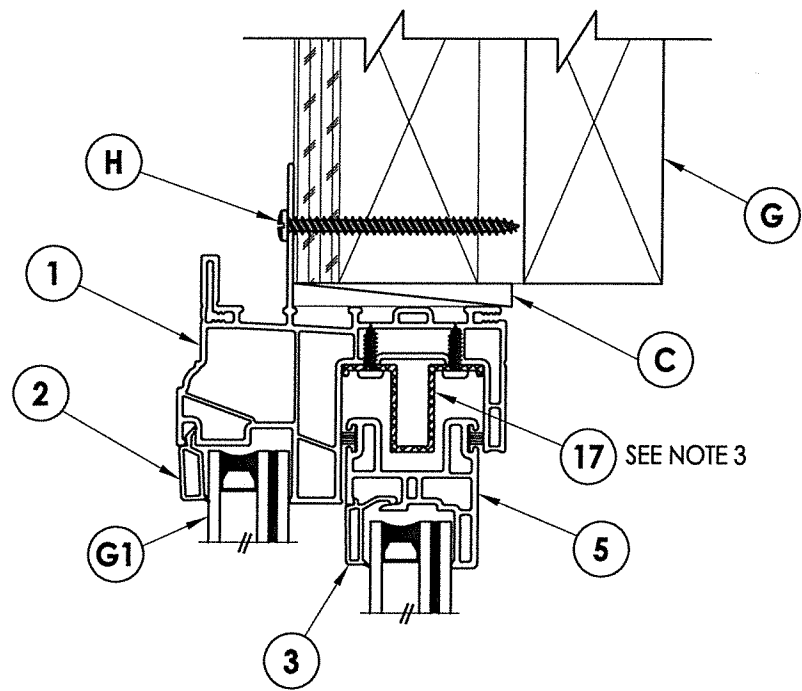
- Note:
1. Lock and keeper located 7" from each end of lock/meeting stile.
 2. Metal roller assembly located 2" from each end of the bottom rail.
 3. Anti-lift secured to head with (6) #6 x 1/2" PPH SMS.



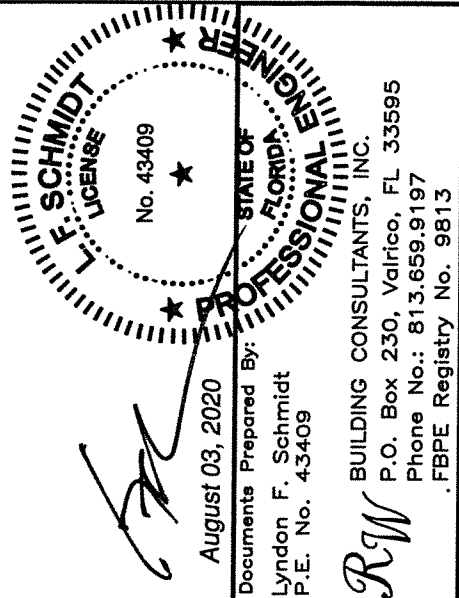
3
3 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud Framing Option



1
3 **HORIZONTAL CROSS SECTION**
2X Stud Construction

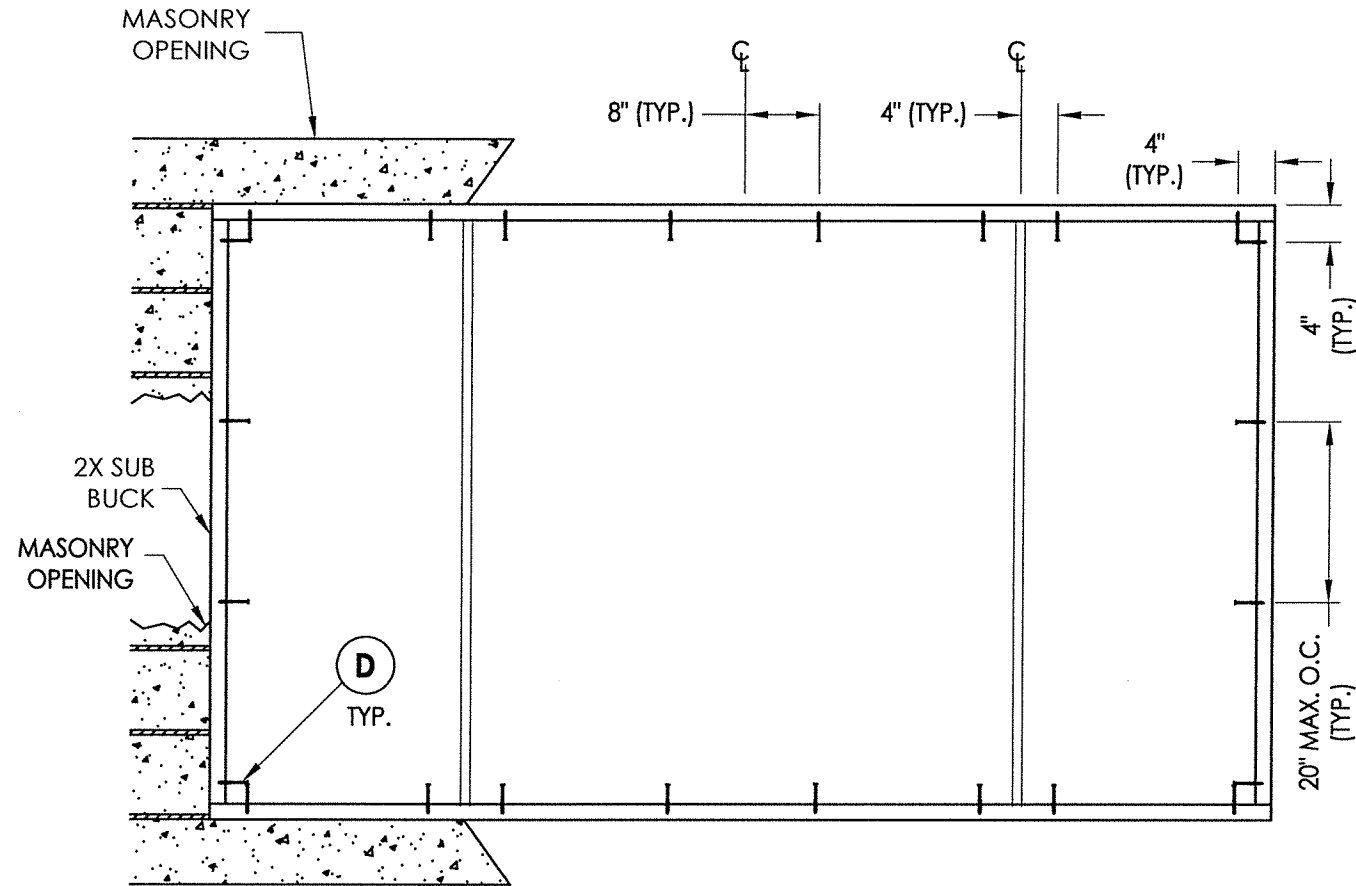


2
3 **VERTICAL CROSS SECTION**
2X Stud Construction



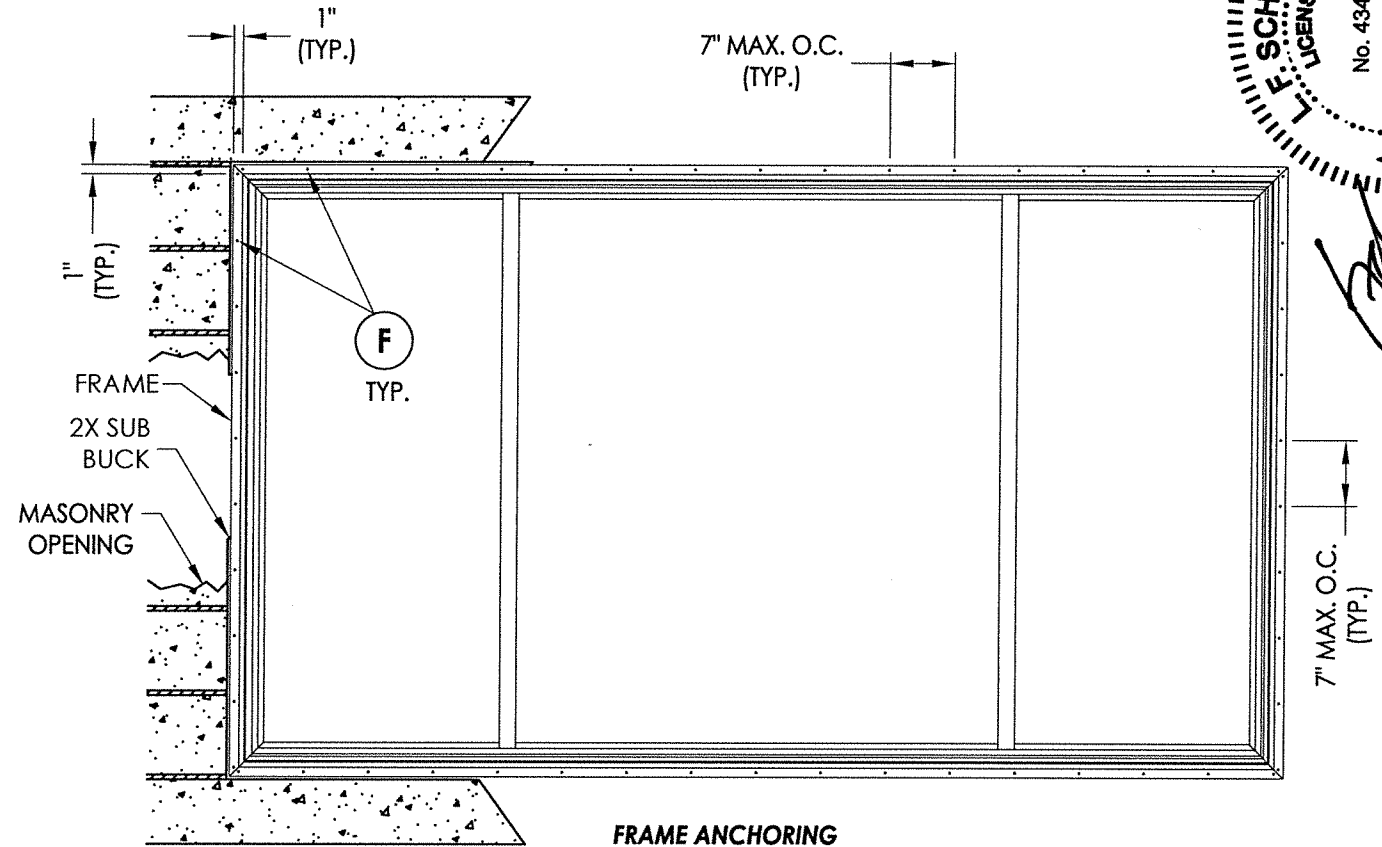
PRODUCT:		Doers	
		PART OR ASSEMBLY:	
		VERTICAL & HORIZONTAL CROSS SECTIONS	
NO.	DATE	REVISIONS	BY
4	7/30/20	UPDATE TO 7TH ED. (2020) FBC DAC	
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK	
2	12/17/15	REVISE MODEL NAME JK	
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC LFS	
DATE: 9/24/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16853.9			
SHEET 3 OF 6			

\\dc01\wbc\clients\Doers PERMANENTA - Florida Product Approvals\FL-16853 Windows - Horizontal Sliders\C - Drawings\FL-16853 (2020)\FL-16853.8-9.dwg



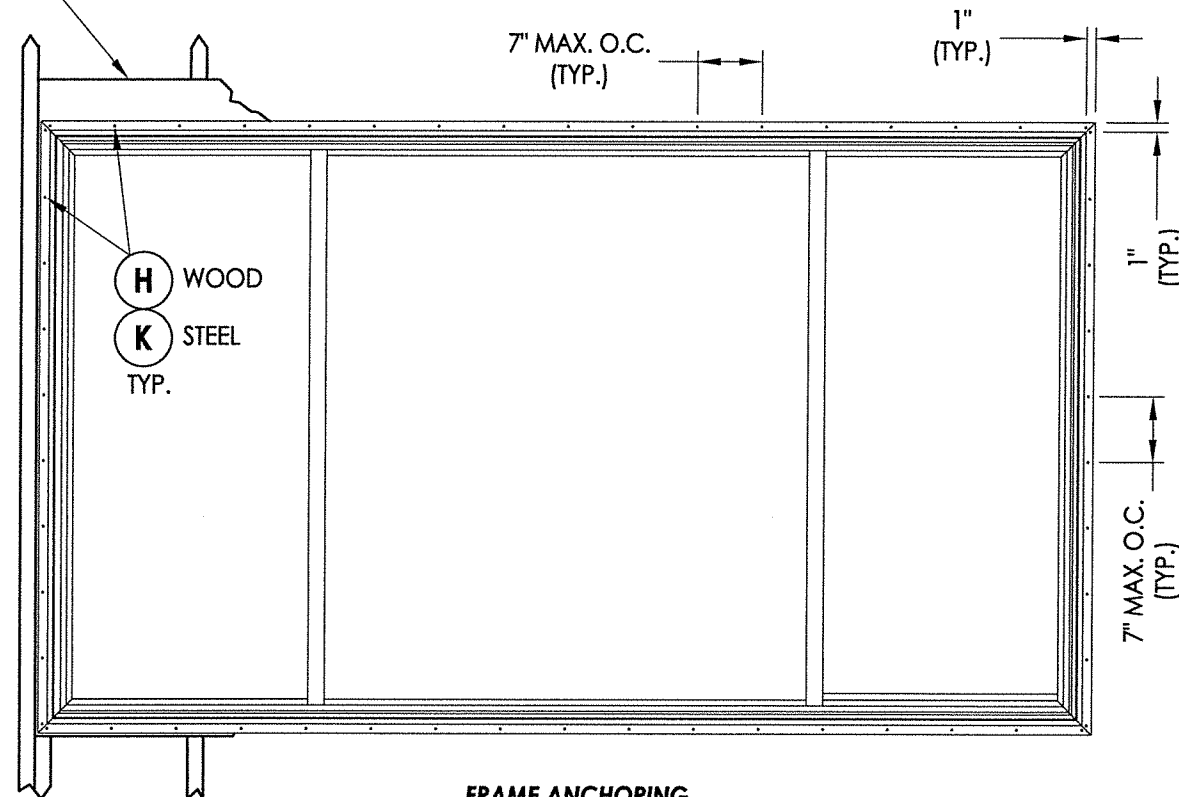
BUCK ANCHORING

2X/STEEL STUD FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.



FRAME ANCHORING

2X Buck Masonry Construction



FRAME ANCHORING

Stud Construction

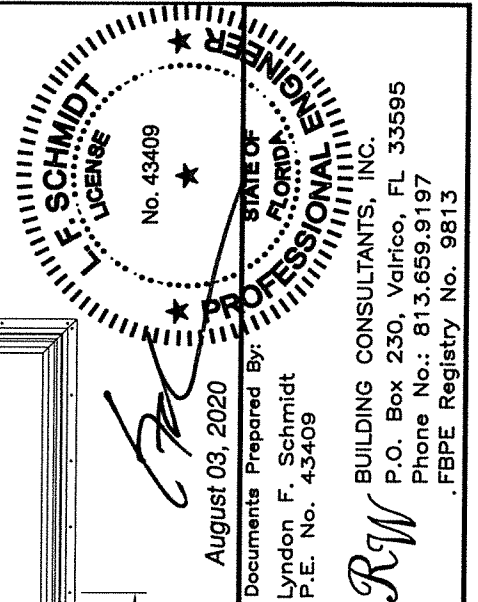
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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 ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

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



Doers

PRODUCT:

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
4	7/30/20	UPDATE TO 7TH ED. (2020) FBC DAC JK
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
2	12/17/15	REVISE MODEL NAME JK
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 9/24/14

SCALE: N.T.S.

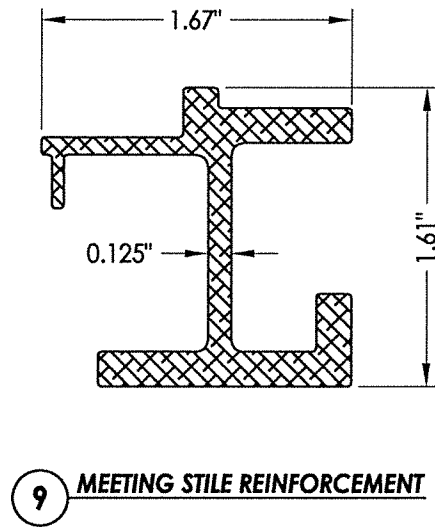
DWG. BY: JK

CHK. BY: LFS

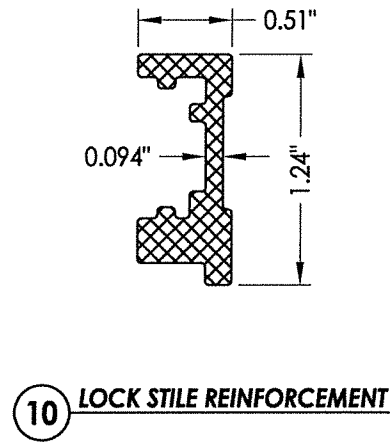
DRAWING NO.: FL-16853.9

SHEET 4 OF 6

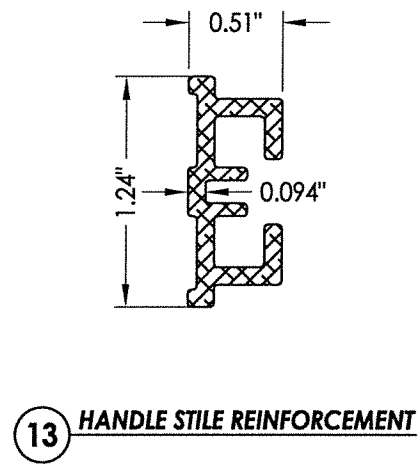
\\dc01\wbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-16853 Windows - Horizontal Sliders\C - Drawings\FL-16853 (2020)\FL-16853.8-9.dwg



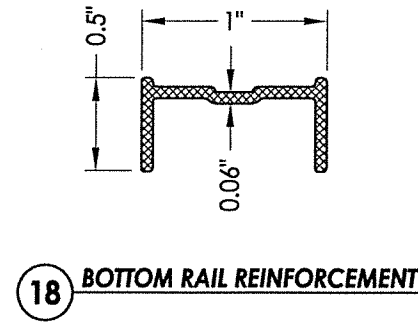
9 MEETING STILE REINFORCEMENT



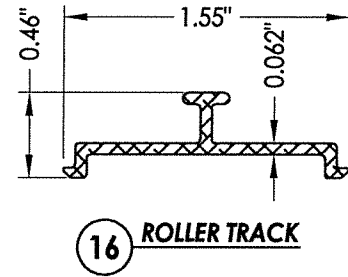
10 LOCK STILE REINFORCEMENT



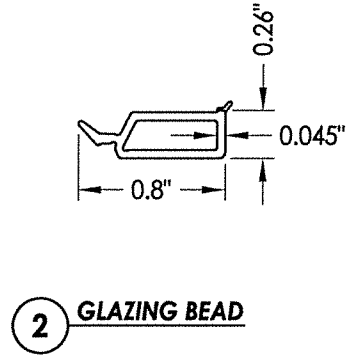
13 HANDLE STILE REINFORCEMENT



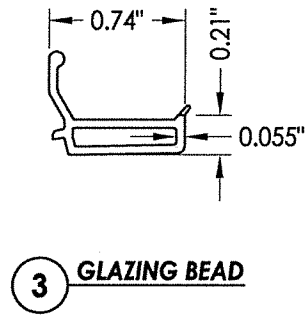
18 BOTTOM RAIL REINFORCEMENT



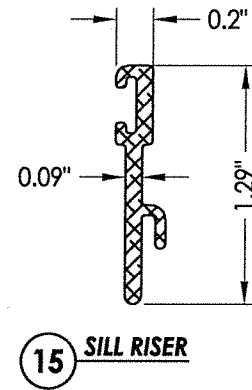
16 ROLLER TRACK



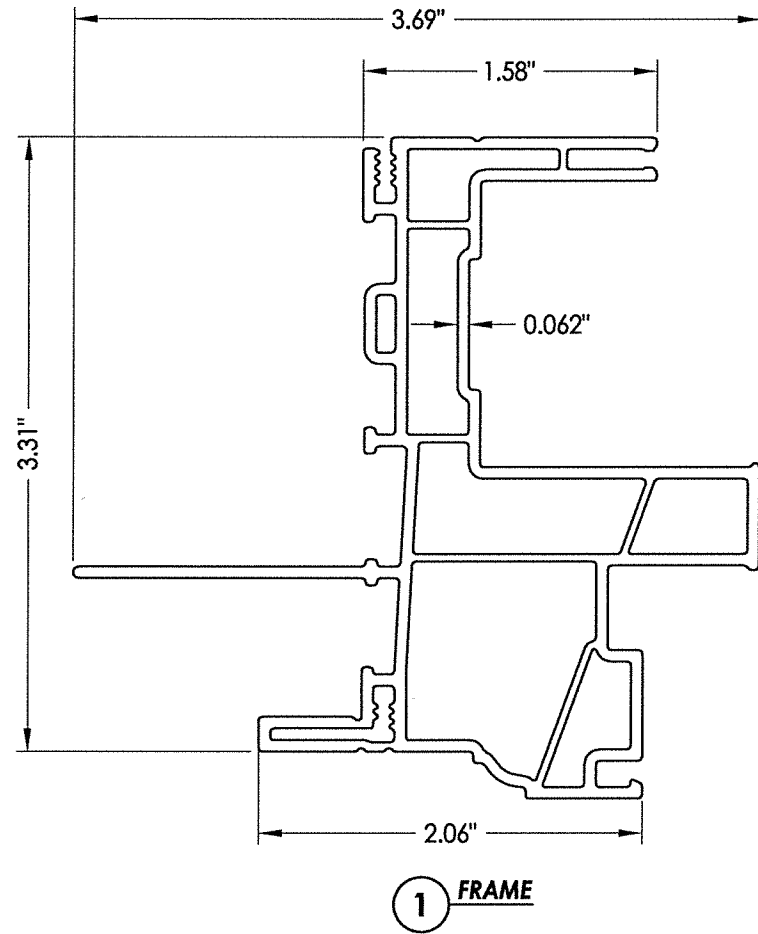
2 GLAZING BEAD



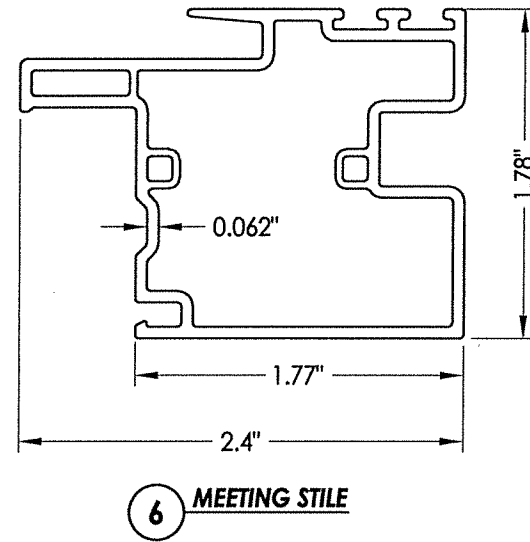
3 GLAZING BEAD



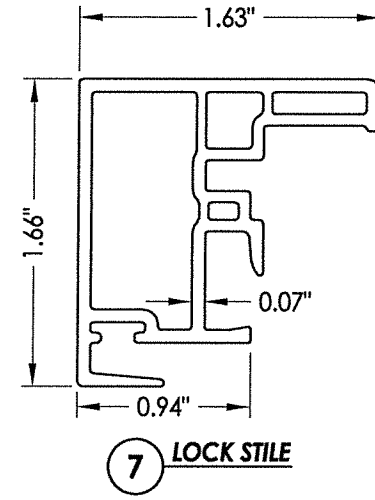
15 SILL RISER



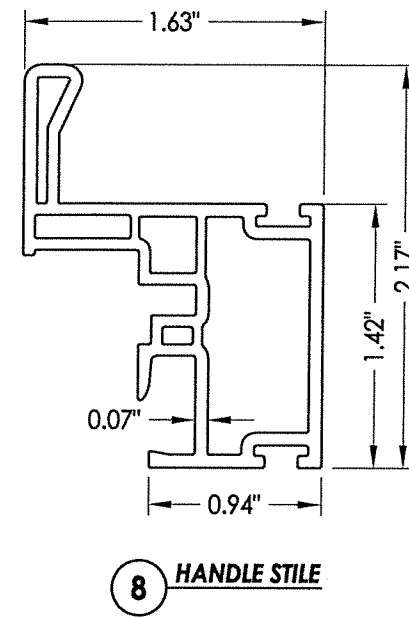
1 FRAME



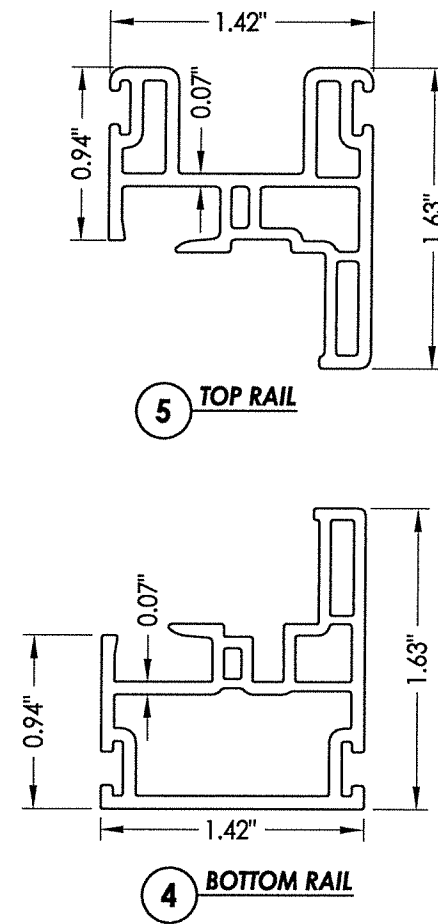
6 MEETING STILE



7 LOCK STILE



8 HANDLE STILE



5 TOP RAIL

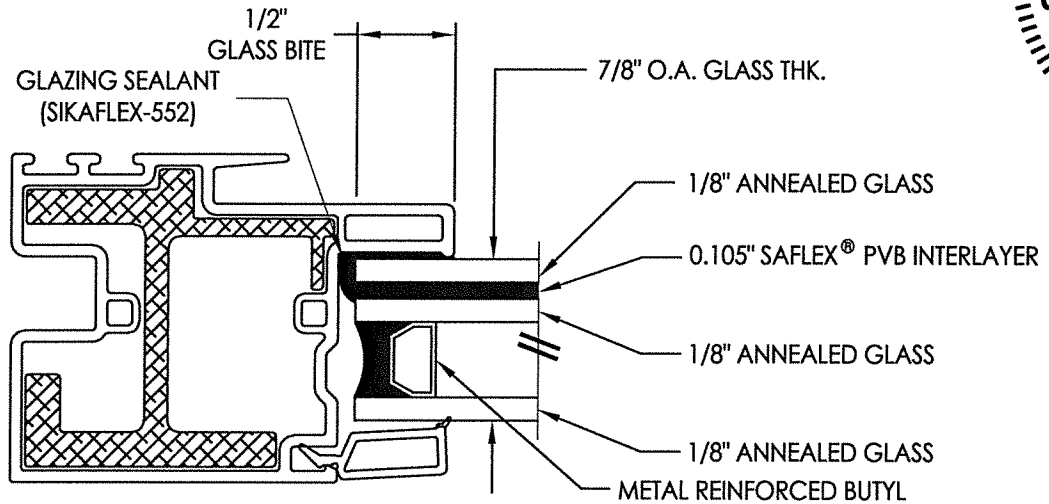
4 BOTTOM RAIL

FLORIDA PROFESSIONAL ENGINEER
F. SCHMIDT
LICENSE No. 43409
August 03, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

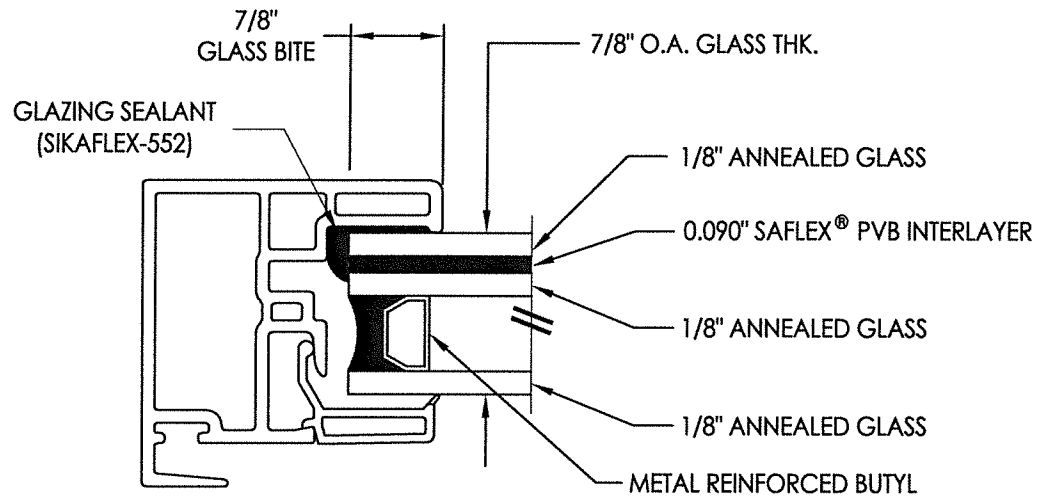
PRODUCT:		Doers	
		PART OR ASSEMBLY:	
		COMPONENTS	
4	7/30/20	UPDATE TO 7TH ED. (2020)	FBC DAC
3	9/22/17	UPDATE TO 6TH ED. (2017)	FBC JK
2	12/17/15	REVISE MODEL NAME	JK
1	6/25/15	UPDATE TO 5TH ED. (2014)	FBC LFS
NO. DATE		REVISIONS	
DATE: 9/24/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16853.9			
SHEET 5 OF 6			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	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 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#10 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
1	EXTRUDED VINYL FRAME (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
3	EXTRUDED VINYL GLAZING BEAD (425A) *	RIGID PVC
4	BOTTOM RAIL (424B)*	RIGID PVC
5	TOP RAIL (478)*	RIGID PVC
6	MEETING STILE (477)*	RIGID PVC
7	LOCK STILE (476)*	RIGID PVC
8	HANDLE STILE (475B)*	RIGID PVC
9	MEETING STILE REINFORCEMENT	6063-T5 ALUM
10	LOCK STILE REINFORCEMENT	6063-T5 ALUM
11	SASH LOCK	-
12	KEEPER	-
13	HANDLE STILE REINFORCEMENT	6063-T5 ALUM
14	ROLLER (TRUTH #2433-1000)	-
15	SILL RISER	6063-T5 ALUM
16	ROLLER TRACK	6063-T5 ALUM
17	ANTI-LIFT ALUMINUM	6063-T5 ALUM
18	BOTTOM RAIL REINFORCEMENT	6063-T5 ALUM
20	WEATHERSTRIP (.187" X .290")	-

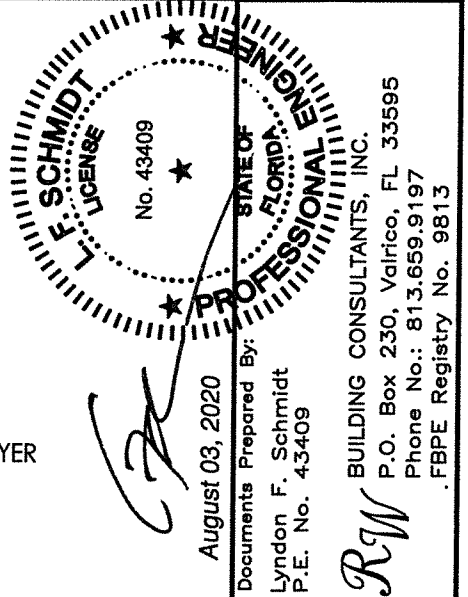
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



G1 **GLAZING DETAIL**
Fixed Lite



G2 **GLAZING DETAIL**
Operable Lite



DATE: 9/24/14										PRODUCT: Doors PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS
SCALE: N.T.S.										
DWG. BY: JK										
CHK. BY: LFS										
DRAWING NO.: FL-16853.9										
SHEET 6 OF 6										
</										