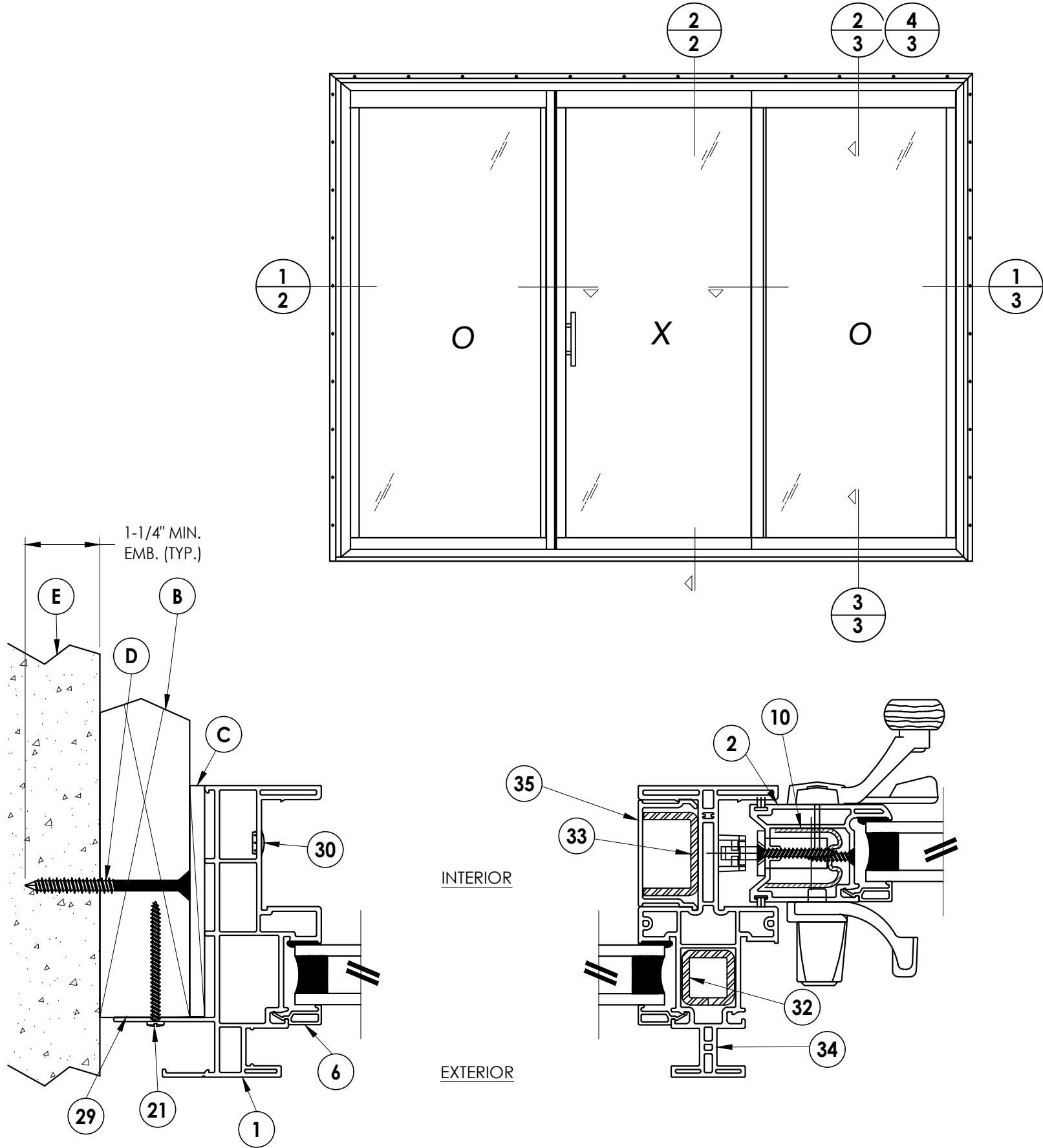
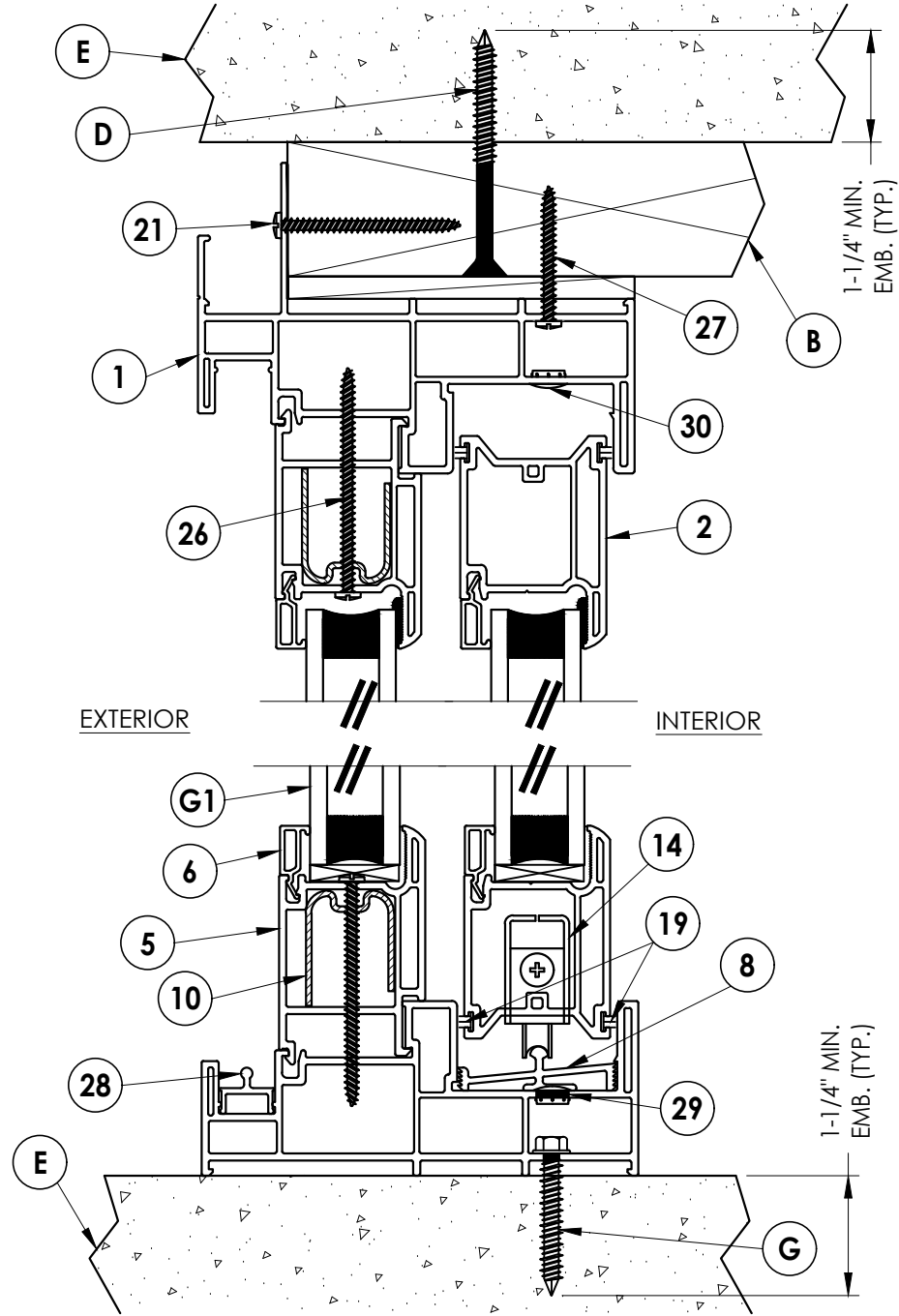


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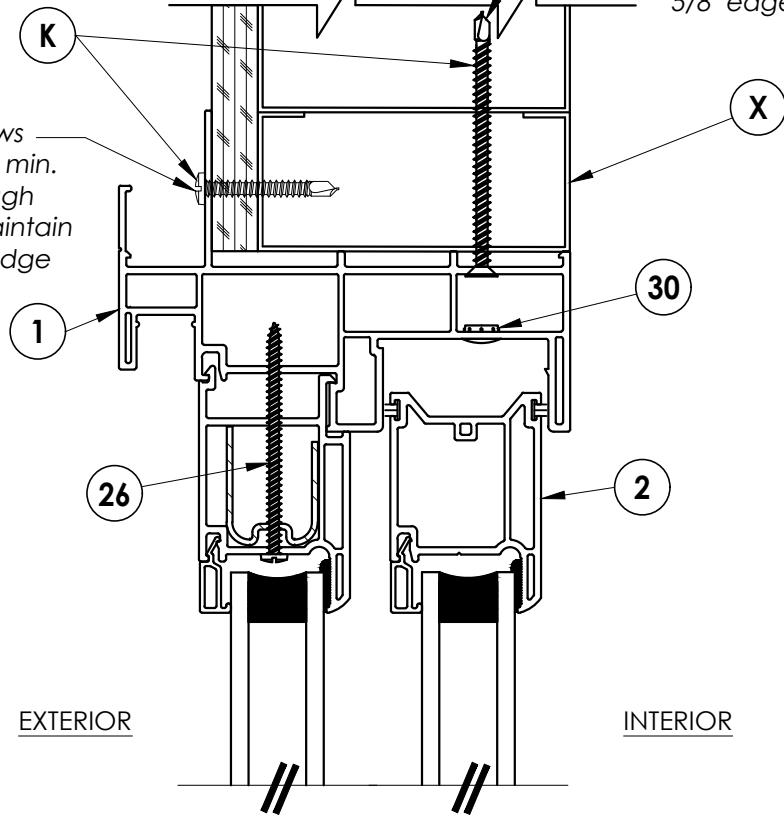
1 HORIZONTAL CROSS SECTION
2 2X Buck Construction



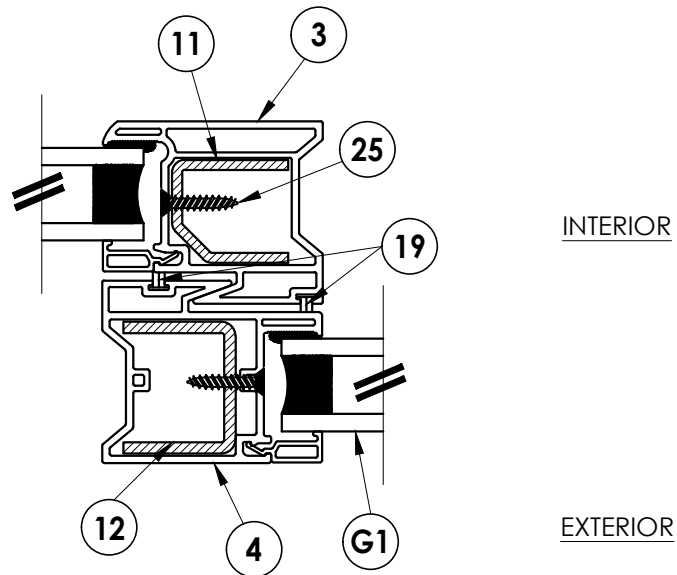
2 VERTICAL CROSS SECTION
2 2X Buck Construction

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	
PRODUCT:		EXTRUDED VINYL SLIDING PATIO DOORS		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS	
6	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
5	7/31/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	8/20/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
3	10/02/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS
DATE: 3/11/09					
SCALE: N.T.S.					
DWG. BY: DWS					
CHK. BY: LFS					
DRAWING NO.: FL-12323.16					
SHEET 2 OF 5					

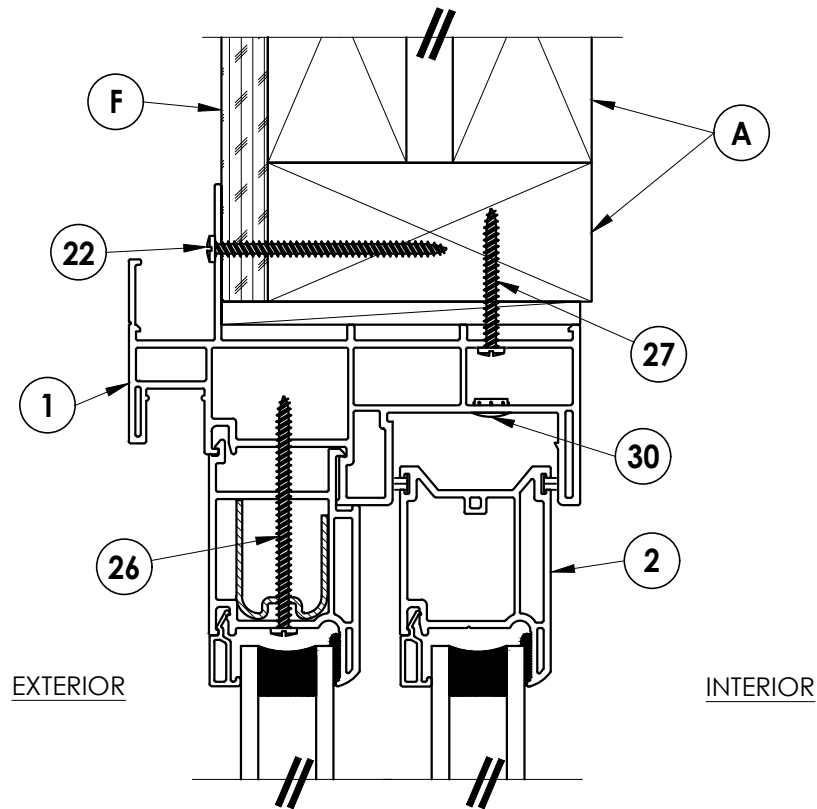
NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain a minimum 5/8" edge distance.



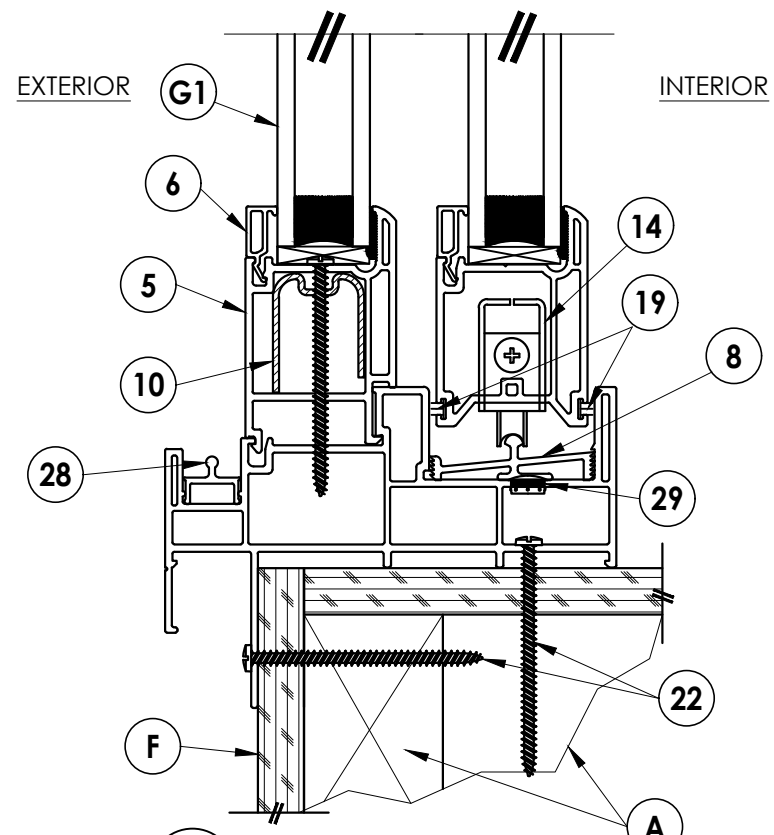
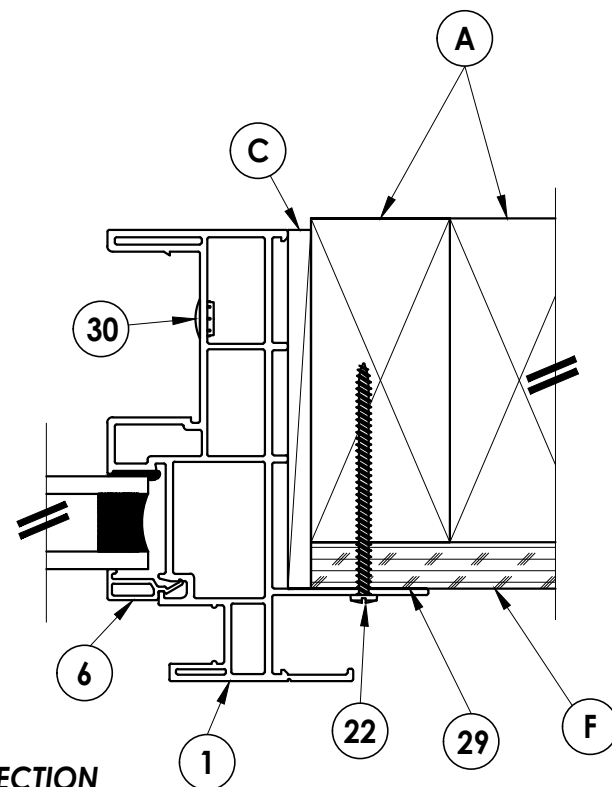
4 **HORIZONTAL CROSS SECTION**
3 Shown w/ Steel Stud framing option



1 **HORIZONTAL CROSS SECTION**
3 Shown w/Stud framing option



2 VERTICAL CROSS SECTION
3 Shown w/Stud framing option



3 VERTICAL CROSS SECTION
Shown w/Stud framing option
(On crawl space)

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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333
501-575-0007

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

PRODUCT: EXTRUDED VINYL
SLIDING PATIO DOORS

OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

6	7/02/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
5	7/31/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
4	8/20/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
3	10/02/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS
	NO. DATE				BY
					REVISIONS

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: *DWS*

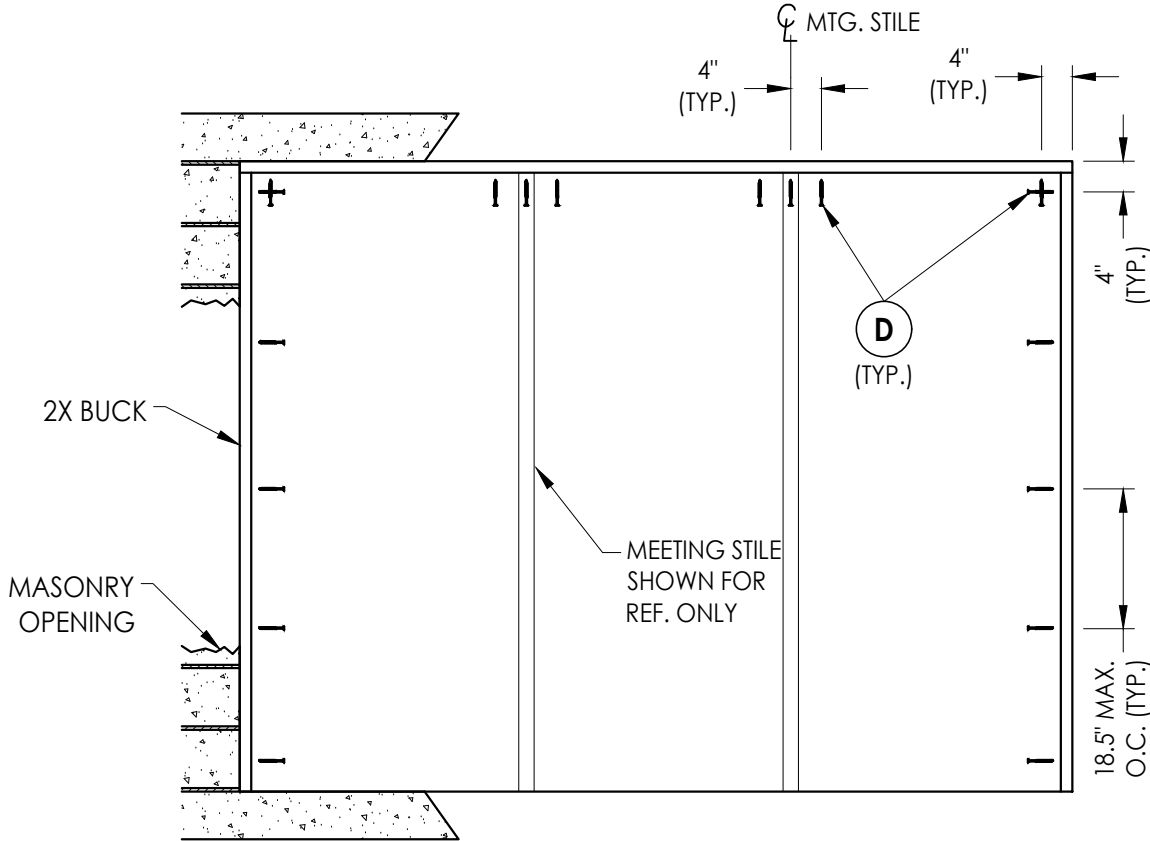
CHK. BY: LFS

DRAWING NO.:

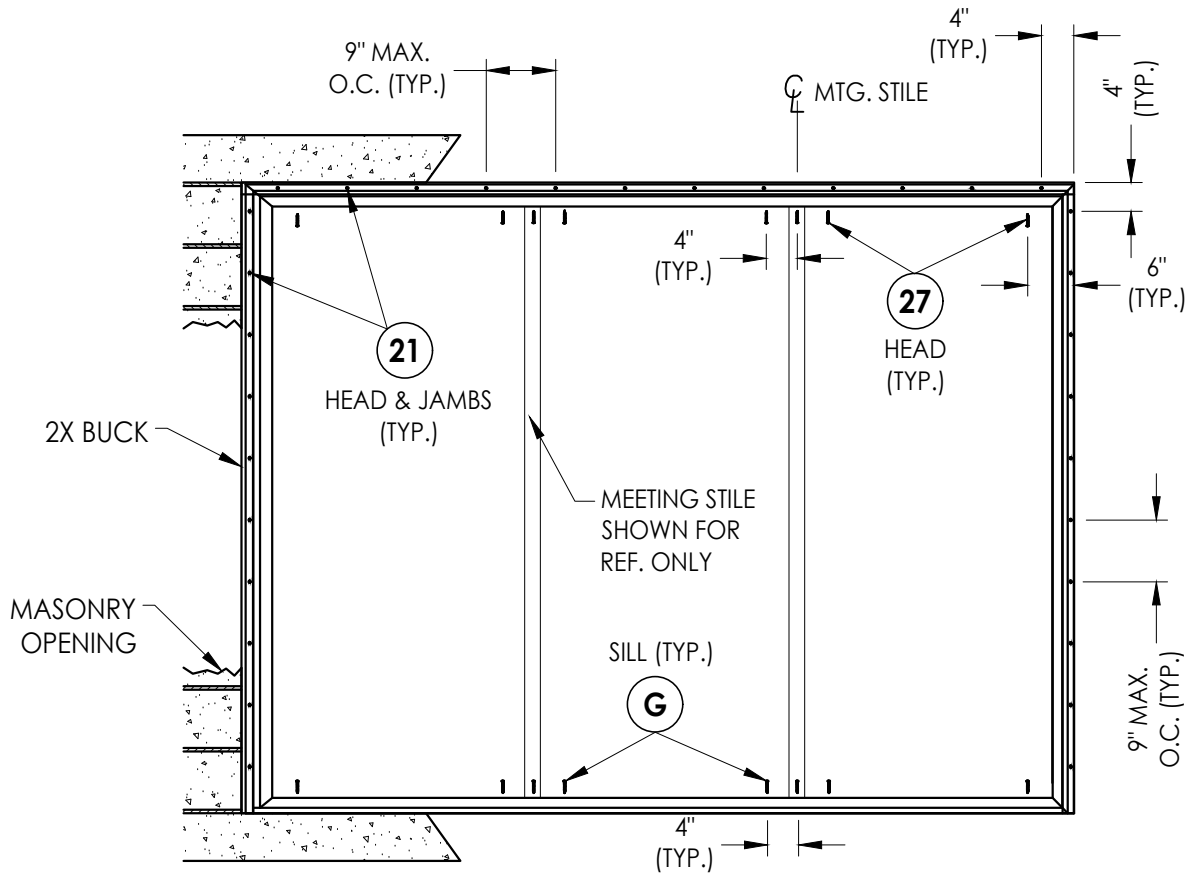
FL-12323.16

SHEET 3 OF 5

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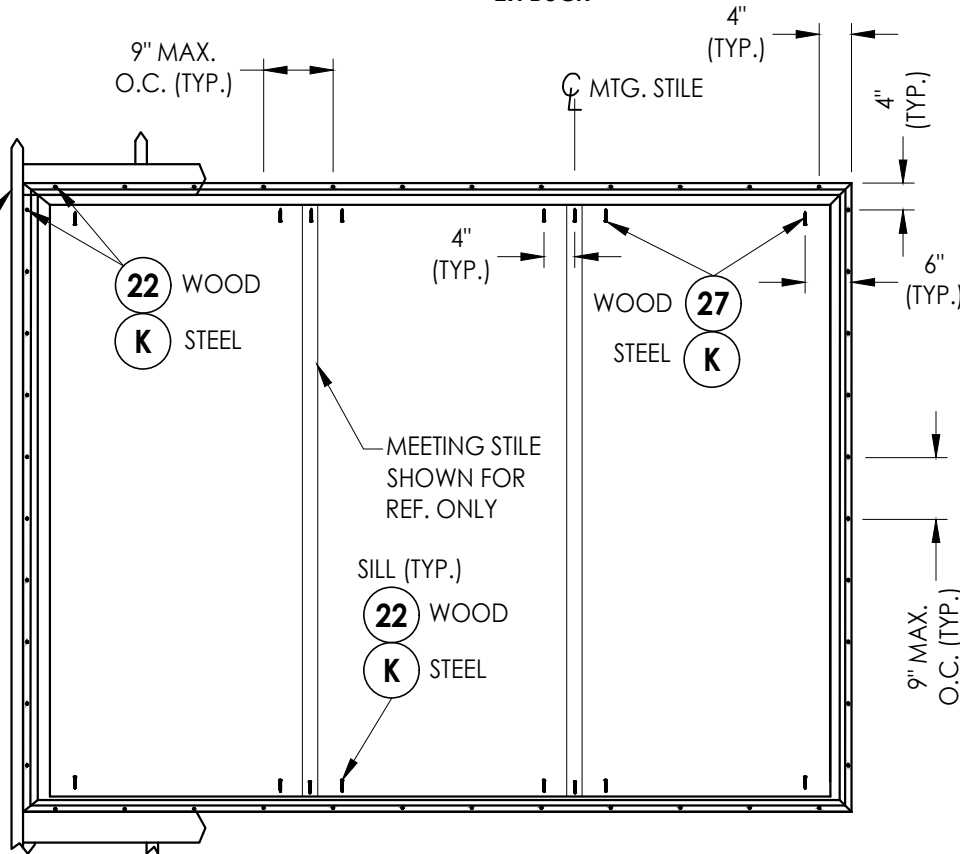


BUCK ANCHORING



FRAME ANCHORING
2X BUCK

2X FRAMING TO BE DESIGNED BY THE
ENGINEER OR ARCHITECT OF RECORD



FRAME ANCHORING
(2X Stud, Steel Stud)

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

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"
DeWALT 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.

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: EXTRUDED VINYL
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC
5	7/31/23	UPDATE TO 8TH ED. (2023) FBC
4	8/20/20	UPDATE TO 7TH ED. (2020) FBC
3	10/02/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: DWS

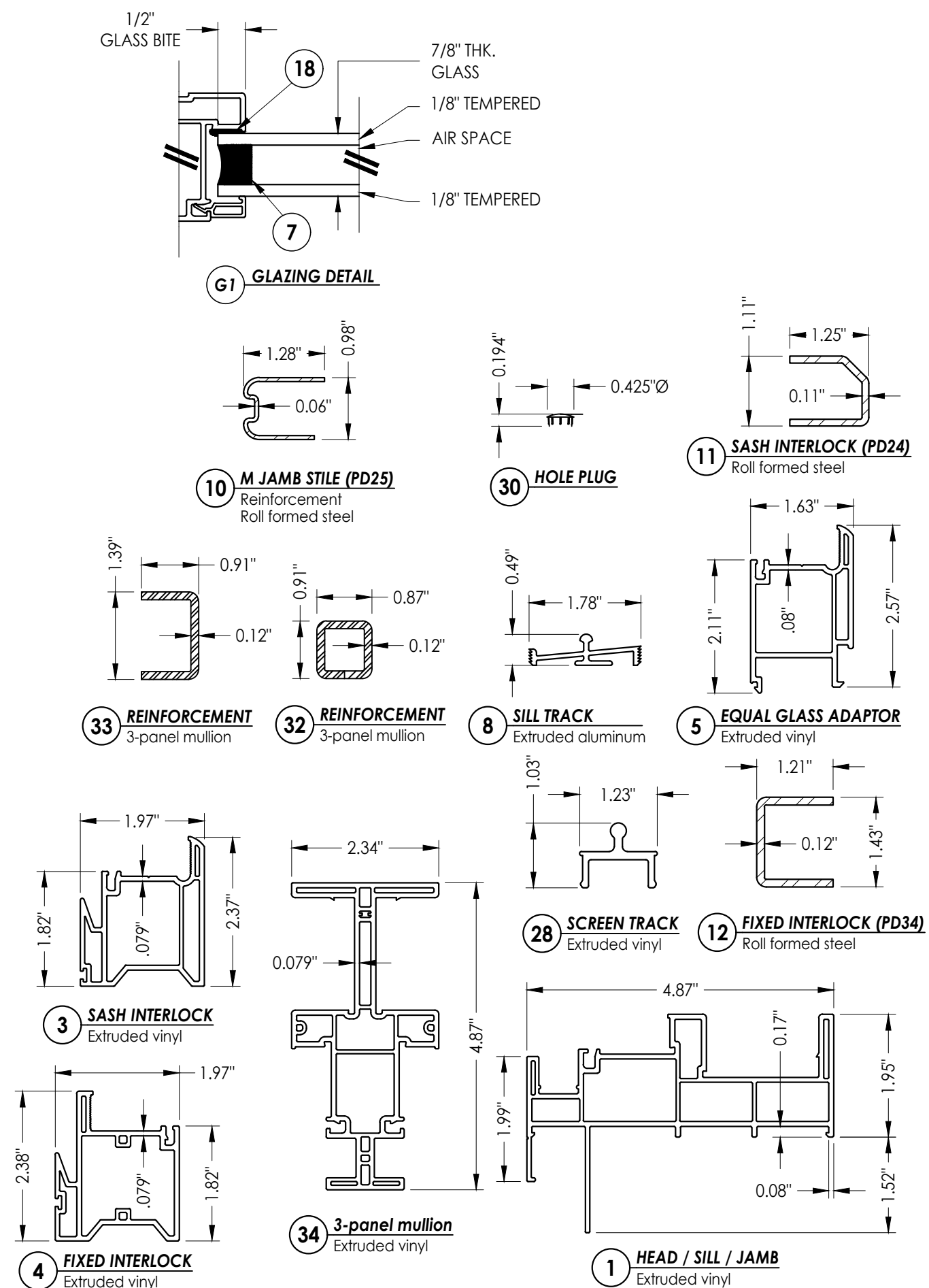
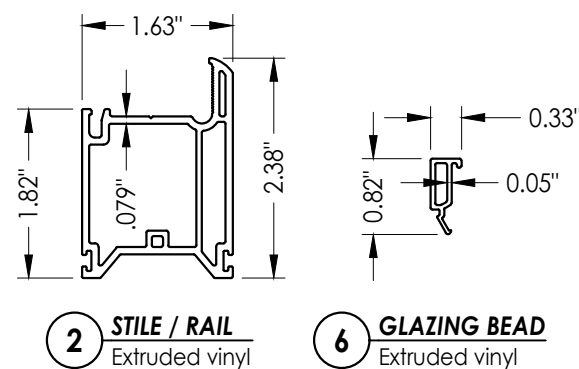
CHK. BY: LFS

DRAWING NO.: FL-12323.16

SHEET 4 OF 5

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (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 DeWALT 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	SHEATHING	WOOD
G	1/4" X 1-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL HEAD / SILL & JAMB / FRAME (#PD1201)	* RIGID PVC
2	EXTRUDED VINYL STILE / RAIL SASH (#PD25)	* RIGID PVC
3	EXTRUDED VINYL SASH INTERLOCK (#PD24)	* RIGID PVC
4	EXTRUDED VINYL FIXED INTERLOCK (#PD34)	* RIGID PVC
5	EXTRUDED VINYL EQUAL GLASS ADAPTOR (#PD39)	* RIGID PVC
6	EXTRUDED VINYL 1" GLAZING BEAD (#BV22)	* RIGID PVC
7	SILICONE FOAM SPACER	-
8	ALUMINUM SILL TRACK (#PD22)	ALUMINUM
10	JAMB STILE (PD25) REINFORCEMENT ROLL FORMED STEEL (#RFPD03SOM)	STEEL
11	SASH INTERLOCK (PD24) REINFORCEMENT ROLL FORMED STEEL (#RFPD24SOM)	STEEL
12	FIXED INTERLOCK (PD34) REINFORCEMENT ROLL FORMED STEEL (#RFPD34SOM)	STEEL
13	SLIDING PATIO DOOR HANDLE SET #684 BY SASH CONTROLS	-
14	TANDEM ROLLER ASSEMBLY BY ULTRA #64266	STEEL
15	#10 X 1-1/4" PFH (MORTISE LOCK) SCREWS BY SASH CONTROLS	STEEL
18	PURFECT GLAZE 34-937A SEALANT BY NATIONAL ADHESIVES	SEALANT
19	WEATHERPILE .187" x .270" BY AMESBURY	-
21	#8 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
22	#8 X 2-1/2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
25	#8 X 3/4" PFH SELF SELF DRILLING SCREWS	STEEL
26	#8 X 2-1/2" PPH SMS (EQ. GLS. ADAPTOR) SCREWS BY MERCHANTS	STEEL
27	#8 X 1-1/2" PPH SMS (1" MIN. EMBEDMENT)	STEEL
28	EXTRUDED VINYL SCREEN TRACK (#PDT58)	* RIGID PVC
29	SILICONE SEALANT (NOVAFLEX) BY NOVAGUARD	SILICONE
30	HOLE PLUGS BY ASHLAND (I 3034)	PLASTIC

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



DATE: 3/11/09		DRAWING NO.: FL-12323.16	
SCALE: N.T.S.		SHEET 5 OF 5	
DWG. BY: DWS		CHK. BY: LFS	
NO.		DATE	
6		7/02/26	
5		7/31/23	
4		8/20/20	
3		10/02/17	
LFS		FBC	
DAC		FBC	
LFS		FBC	
BY		FBC	
REVISONS		FBC	
PRODUCT:		EXTRUDED VINYL SLIDING PATIO DOORS	
PART OR ASSEMBLY:		BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
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	