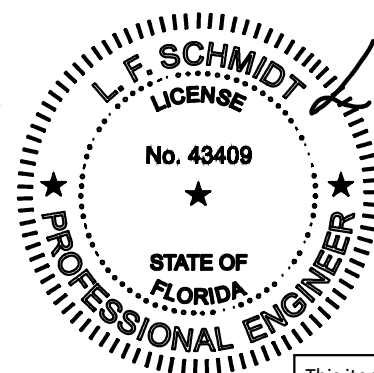




Digitally signed by
Lyndon F Schmidt
Date: 2023.07.13
10:03:04 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

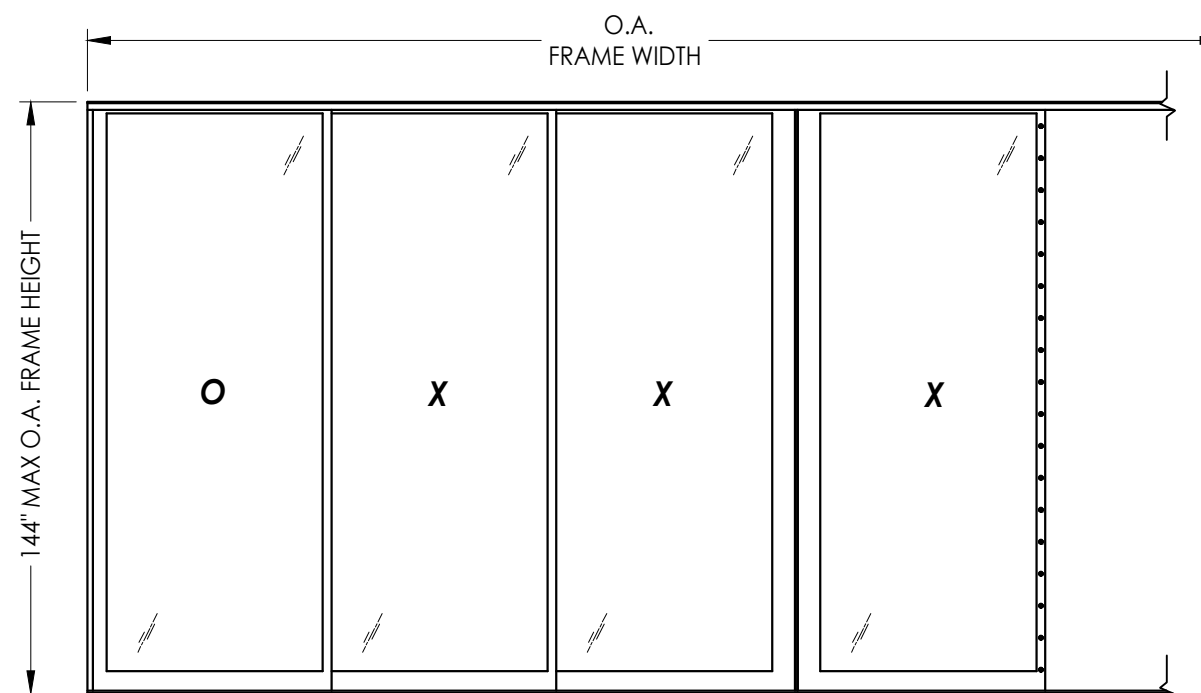
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Series 3070-HI
Sliding Glass / Pocket Door
"NON-IMPACT"

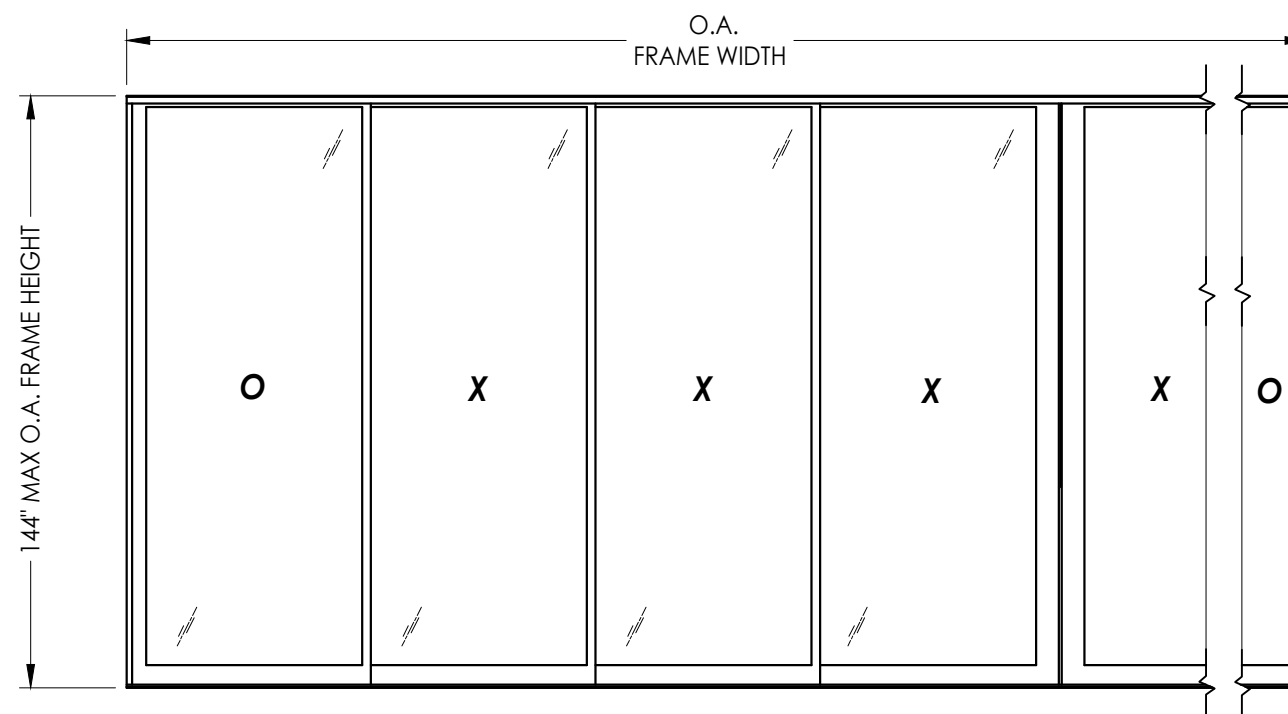
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Horizontal cross sections
4	Vertical cross sections
5	Vertical cross sections
6	Buck anchoring
7	Frame anchoring
8	Frame anchoring
9	Components
10	Components
11	Bill of materials and glazing details



SLIDING GLASS POCKET DOOR



SLIDING GLASS DOOR

MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
62.06" X 142.0"	56.5" X 135.5"	G1	+50.0	-55.0

Note: Sliding Glass Pocket Door (3 +1 Panels shown), Sliding Glass Door (4 Track shown)
Any combination of fixed and operable panels is allowed.
There is not a limit on the number of panels.

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

R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPF Registry No. 9813

PRODUCT: FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

3	7/13/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS		
2	8/10/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC		
1	08/08/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS		
NO.	DATE				BY		

DATE: 03/10/16

SCALE: *N.T.S.*

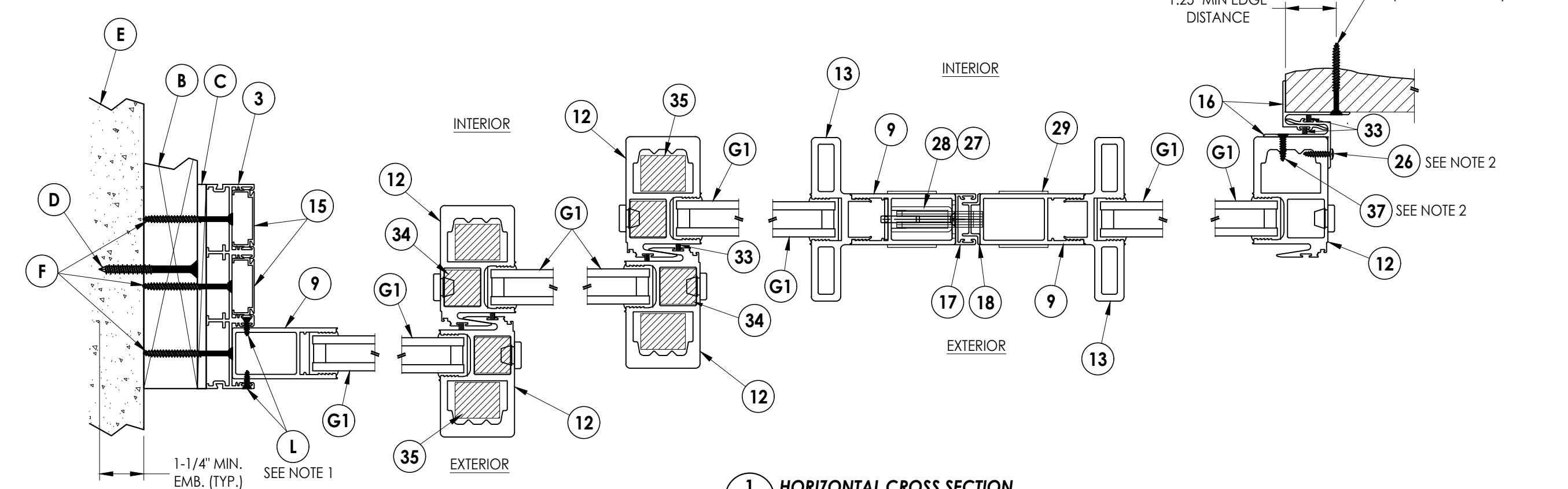
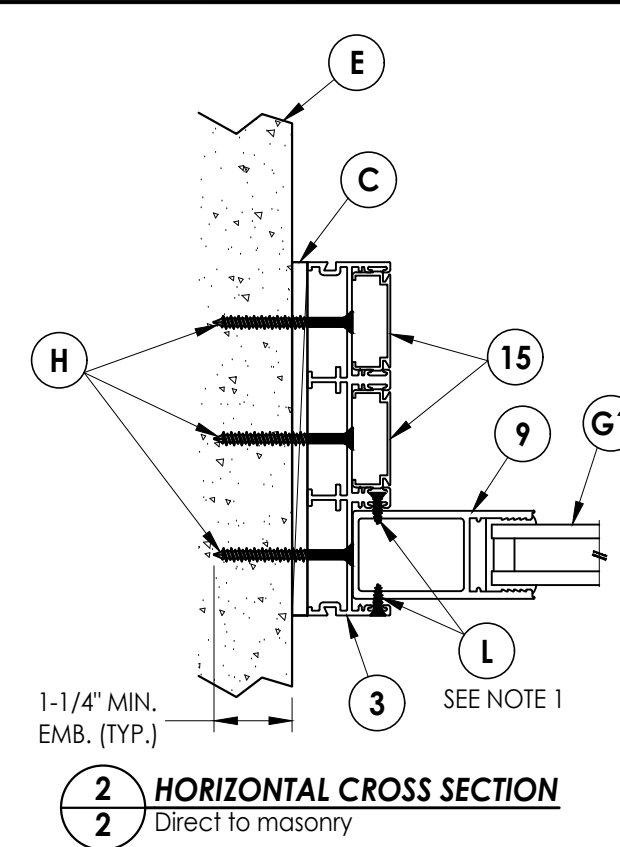
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15560.19

SHEET 1 OF 11



NOTE:

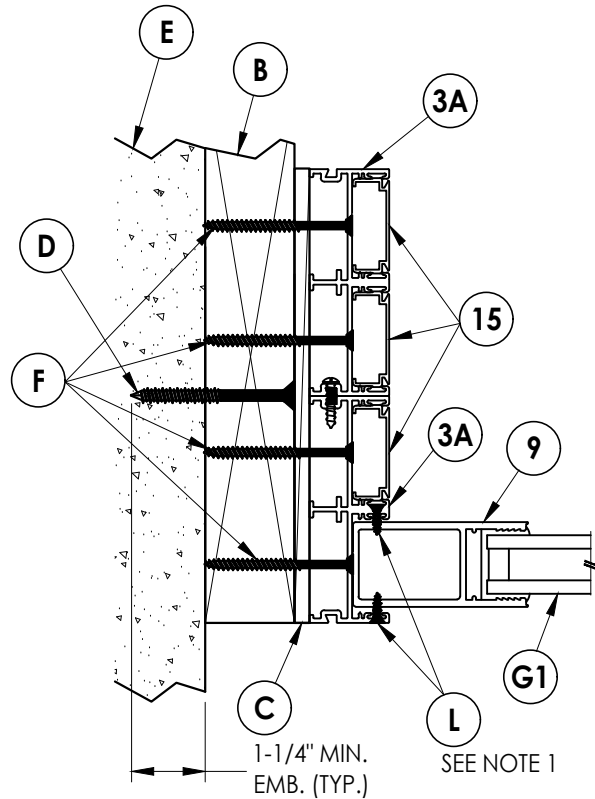
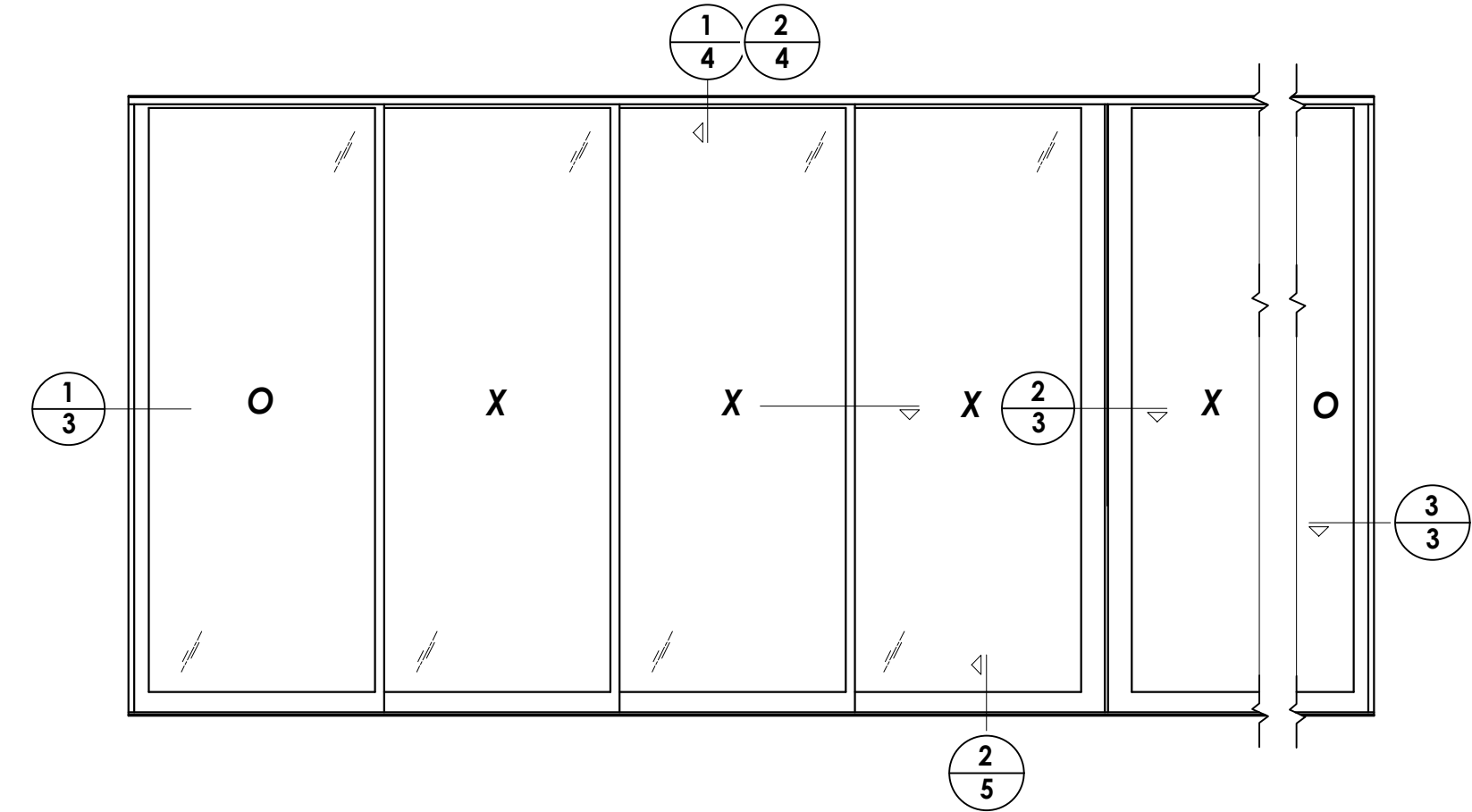
1. Fixed panel screws located 39" from each end.
2. Pocket interlock screws located 2" from each end & 12" o.c. thereafter.

1 **HORIZONTAL CROSS SECTION**

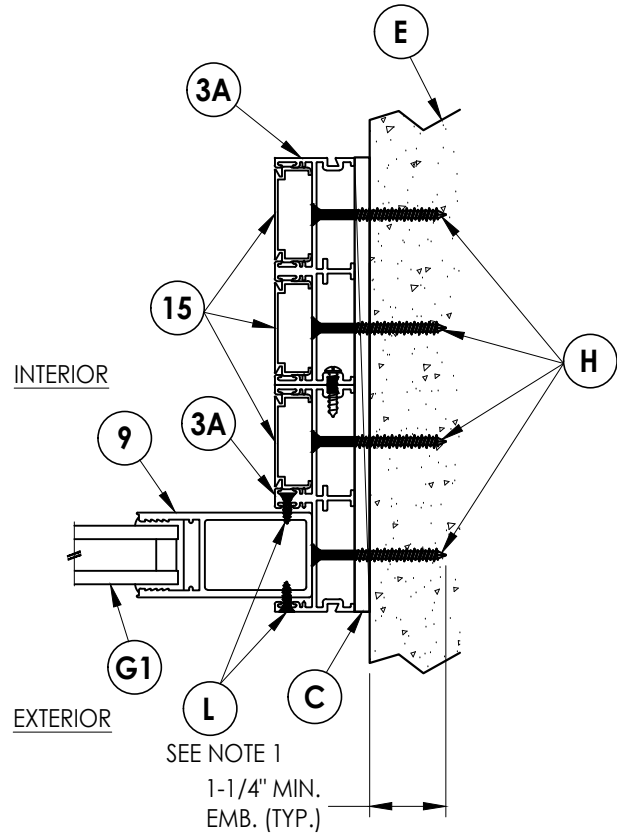
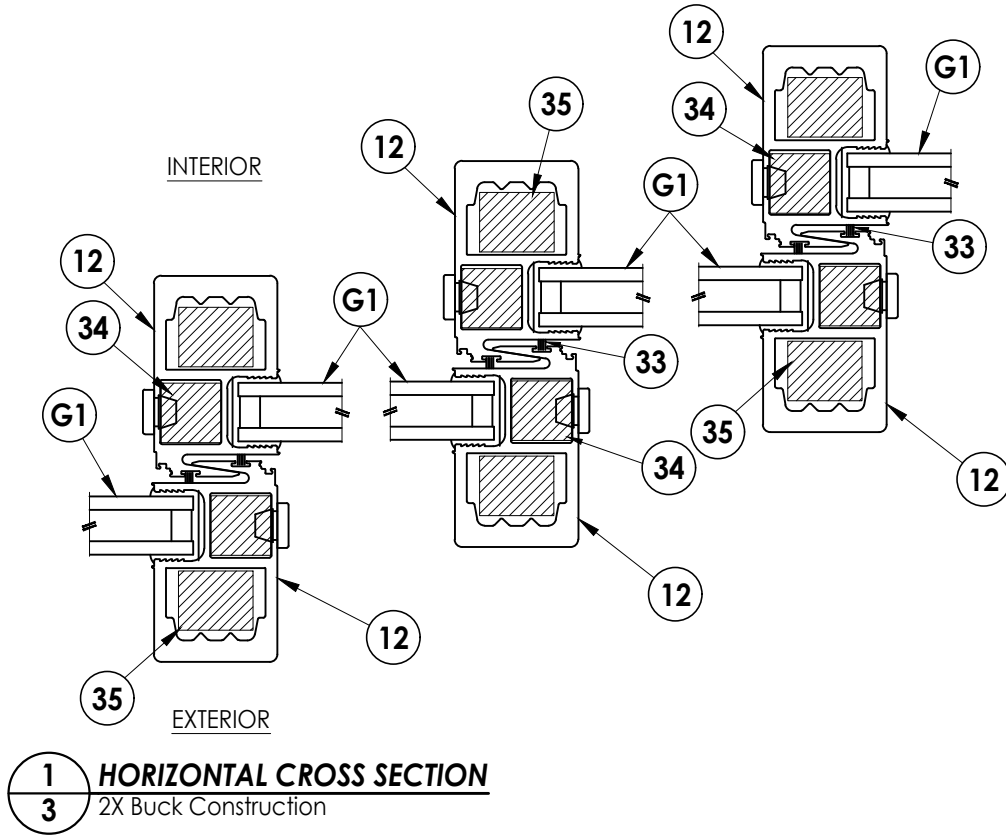
2 2X Buck Construction

PRODUCT: FLEETWOOD WINDOWS & DOORS		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
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1	08/08/17	UPDATE TO 6TH ED. (2017)	FBC LFS
NO.	DATE		BY
REVISIONS			
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.19			
SHEET 2 OF 11			

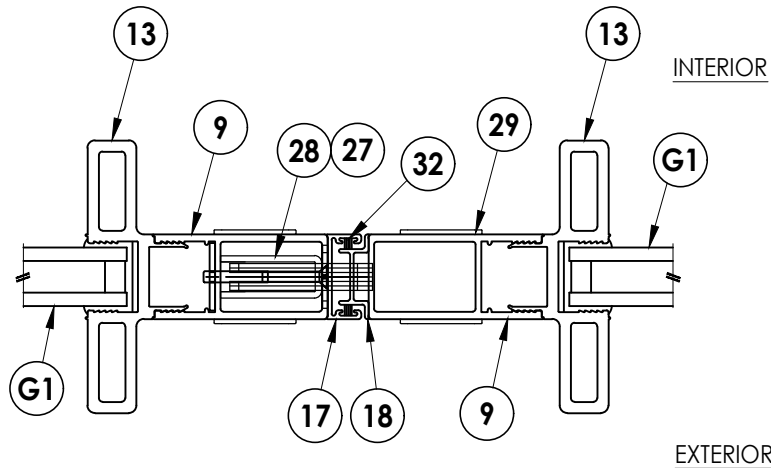
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NOTE:
1. Fixed panel screws located 39\"/>



**3
3** **HORIZONTAL CROSS SECTION**
Direct to masonry



**2
3** **HORIZONTAL CROSS SECTION**

DATE: 03/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15560.19
SHEET 3 OF 11

PRODUCT:
FLEETWOOD WINDOWS & DOORS

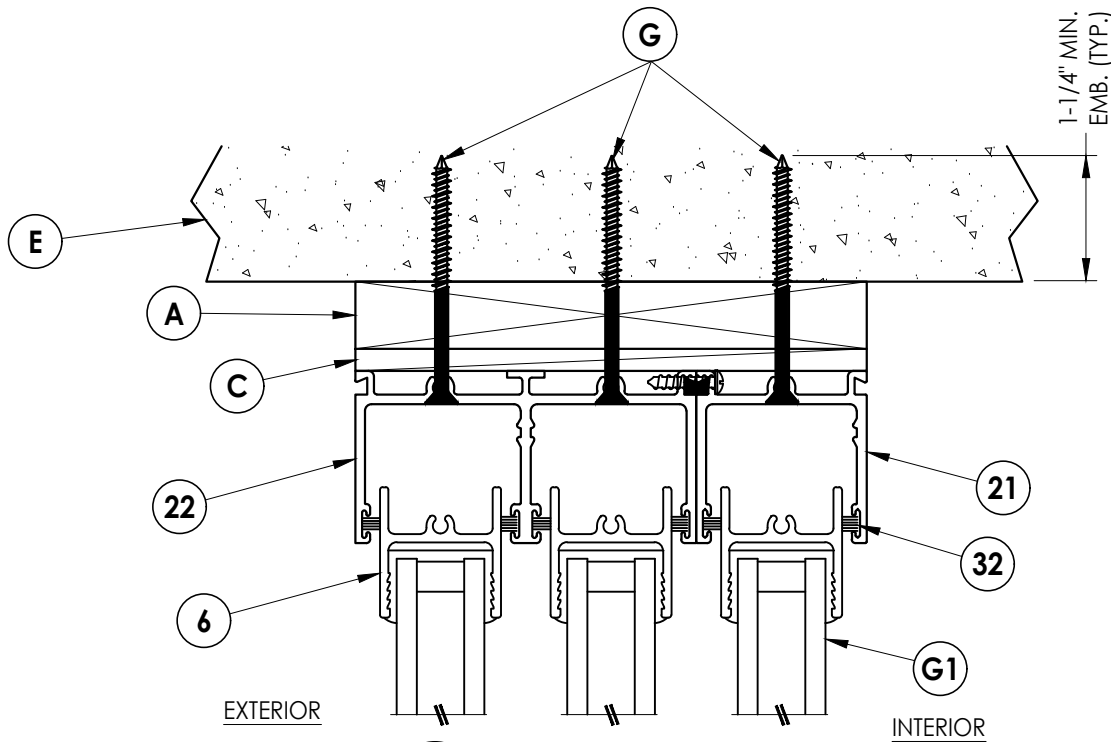
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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

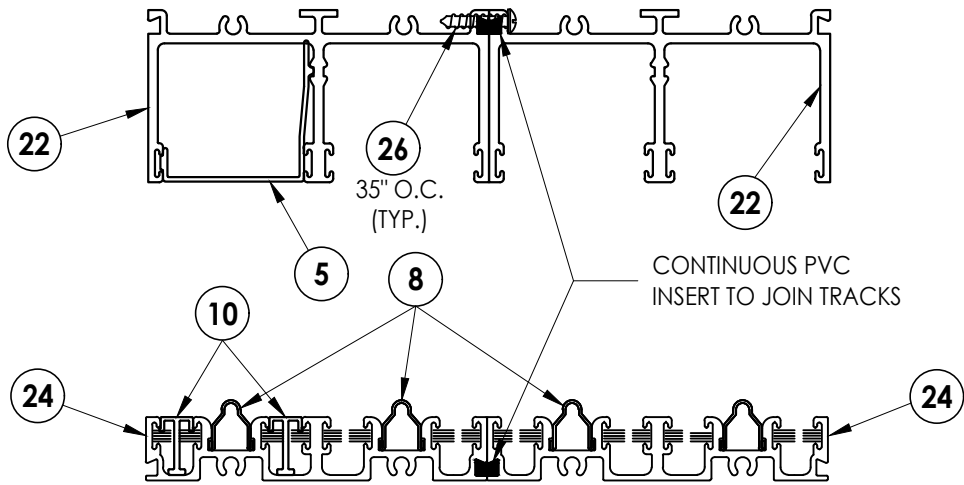
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Phone No.: 813.659.9197
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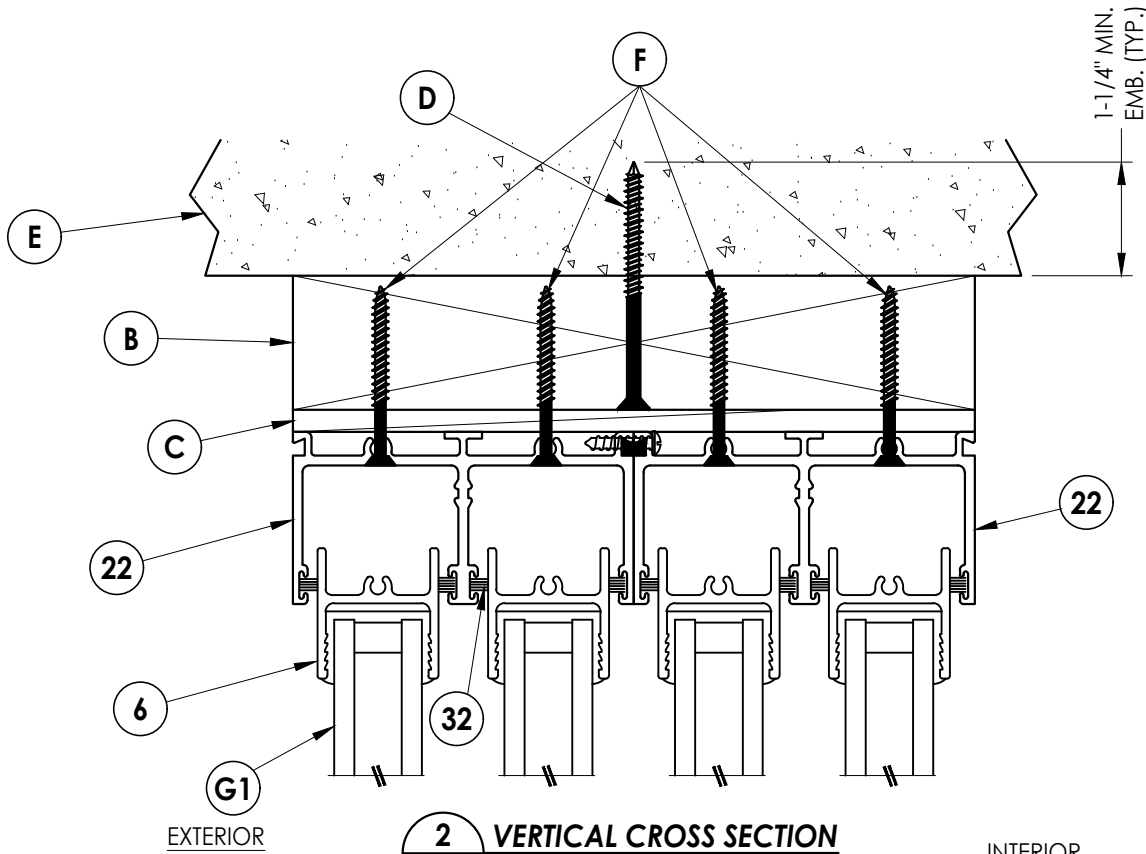
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1
4 **VERTICAL CROSS SECTION**
1X Buck Construction
(Shown w/ 3 tracks)



HEAD & SILL COVER CONDITION



2
4 **VERTICAL CROSS SECTION**
2X Buck Construction
(Shown w/ 4 tracks)

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:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
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DATE: 03/10/16

SCALE: N.T.S.

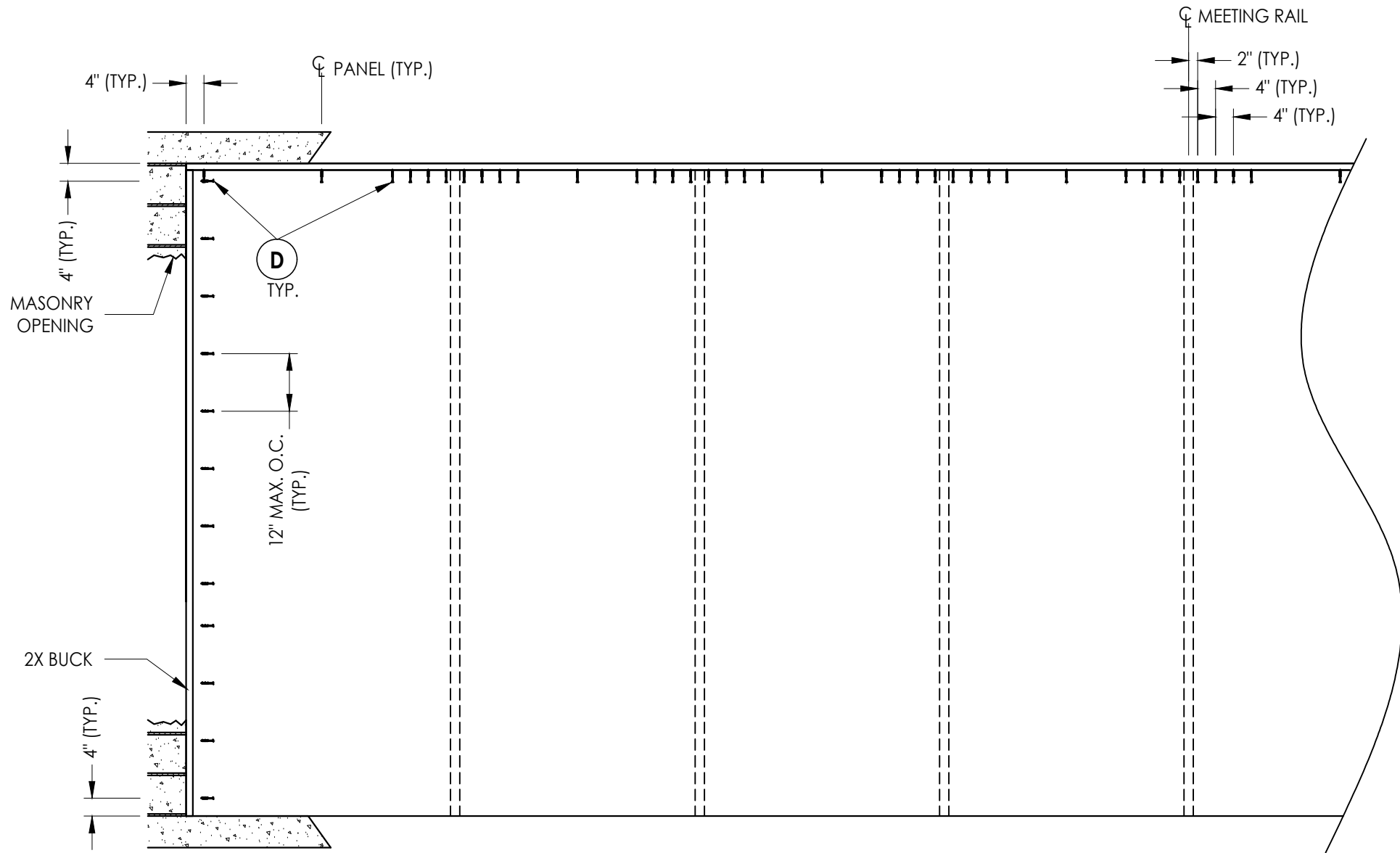
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15560.19

SHEET 4 OF 11



2X BUCK 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"
DeWALT ULTRA-CON®	1/4"	1-1/4"	2-1/2"	4"

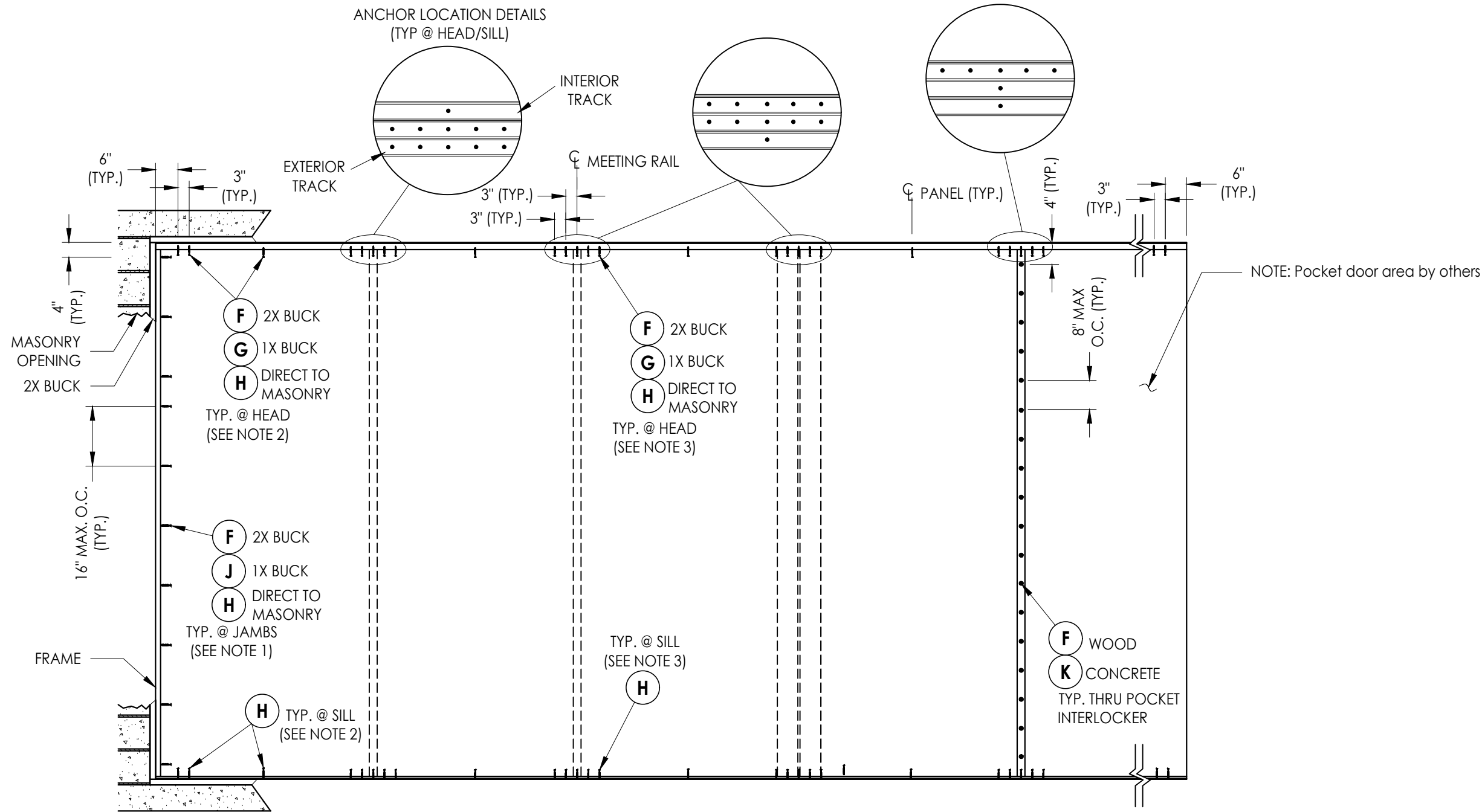
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PRODUCT: FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY: BUCK ANCHORING

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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®	3/16"	1-1/4"	2"	1-7/8"
DeWALT ULTRACON®	1/4"	1-1/4"	1-1/4"	6"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

FRAME ANCHORING

SLIDING GLASS POCKET DOOR

ANCHOR LOCATION NOTES:

- JAMBS (@ EACH LOCATION): 1 ANCHOR REQUIRED PER TRACK
- HEAD/SILL (@ EACH END/CENTERLINE OF PANEL): 1 ANCHOR REQUIRED PER TRACK
- HEAD/SILL (@ MEETING RAILS): SEE DETAILS FOR ANCHORS REQUIRED PER TRACK

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:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
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DATE: 03/10/16

SCALE: N.T.S.

DWG. BY: JK

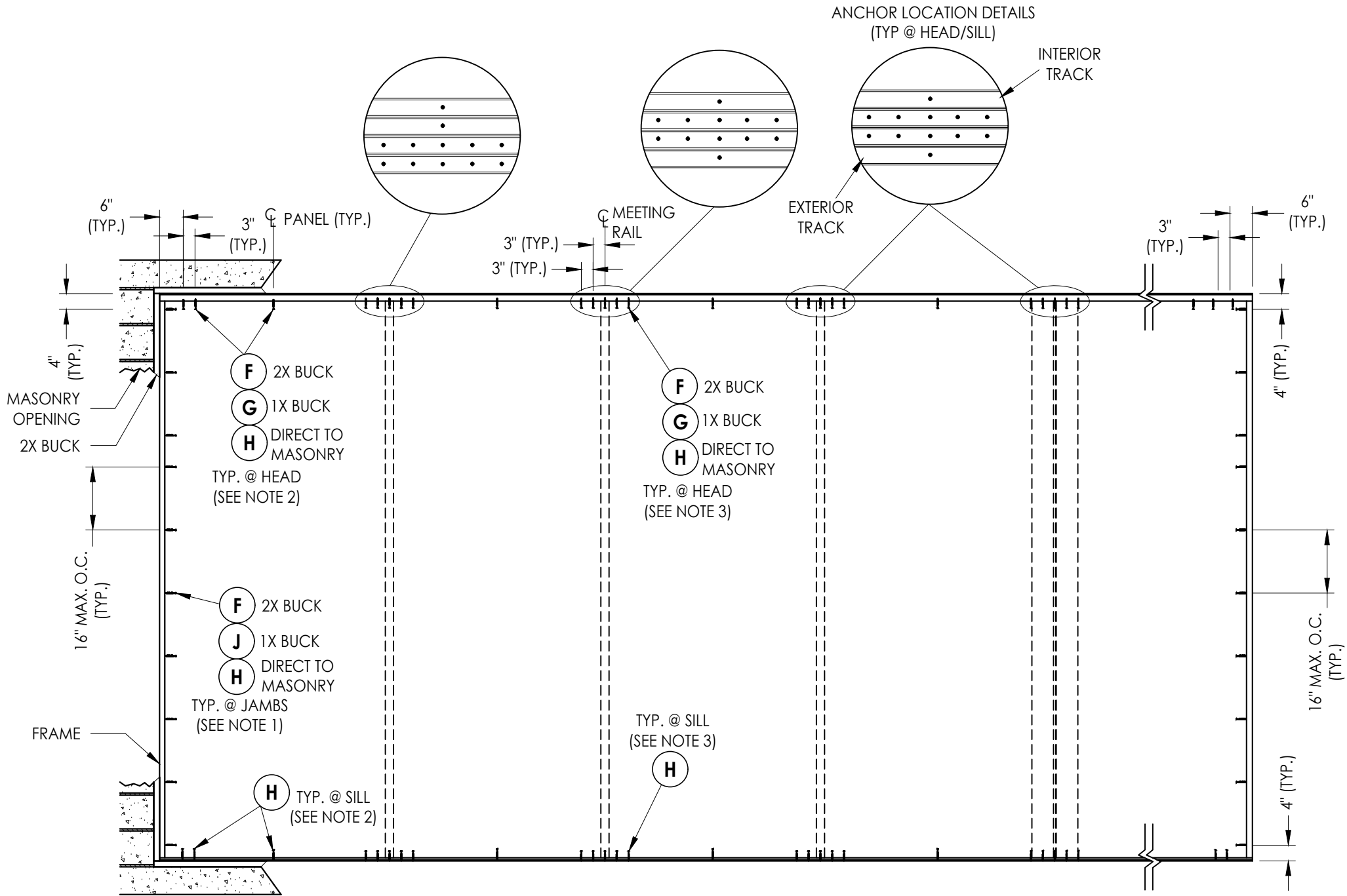
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DRAWING NO.:

FL-15560.19

SHEET 7 OF 11

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.19-20.dwg



CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
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WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

FRAME ANCHORING
SLIDING GLASS DOOR

ANCHOR LOCATION NOTES:

- JAMBS (@ EACH LOCATION): 1 ANCHOR REQUIRED PER TRACK
- HEAD/SILL (@ EACH END/CENTERLINE OF PANEL): 1 ANCHOR REQUIRED PER TRACK
- HEAD/SILL (@ MEETING RAILS): SEE DETAILS FOR ANCHORS REQUIRED PER TRACK

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:

FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:

FRAME ANCHORING

DATE: 03/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15560.19

SHEET 8 OF 11

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

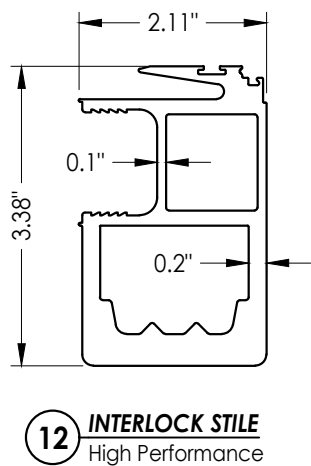
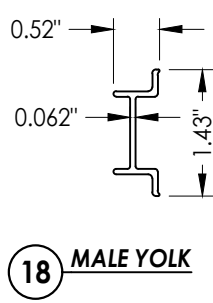
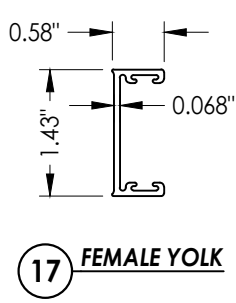
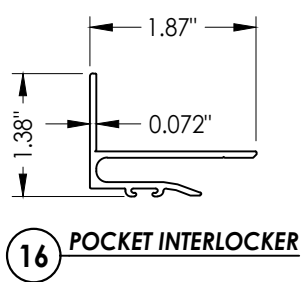
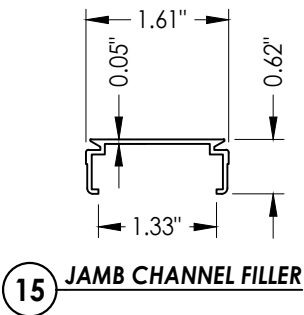
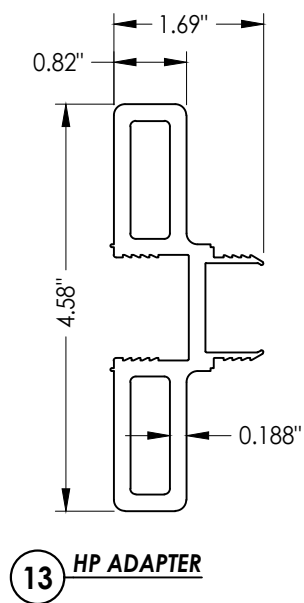
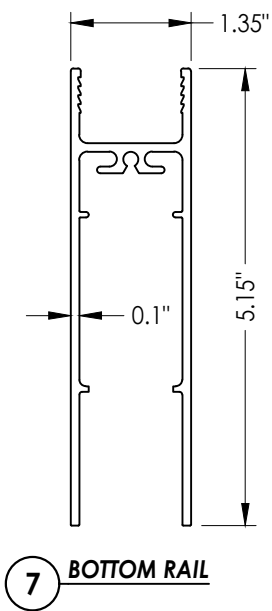
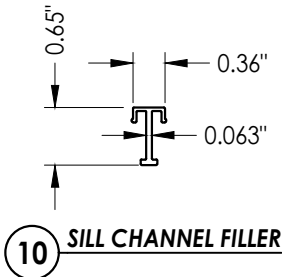
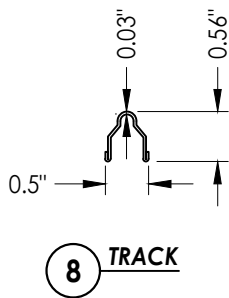
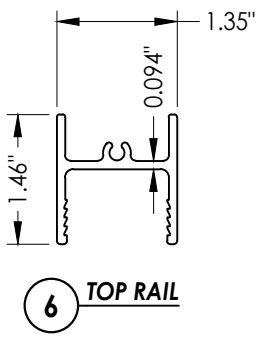
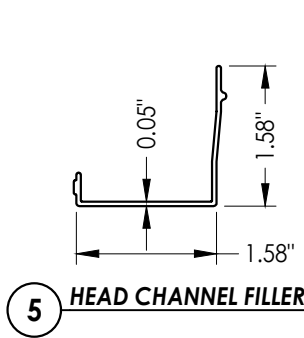
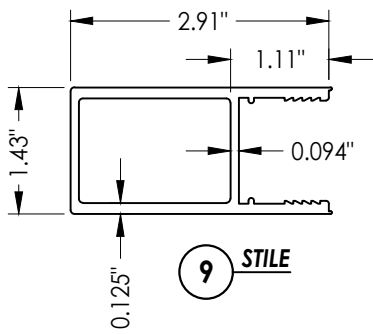
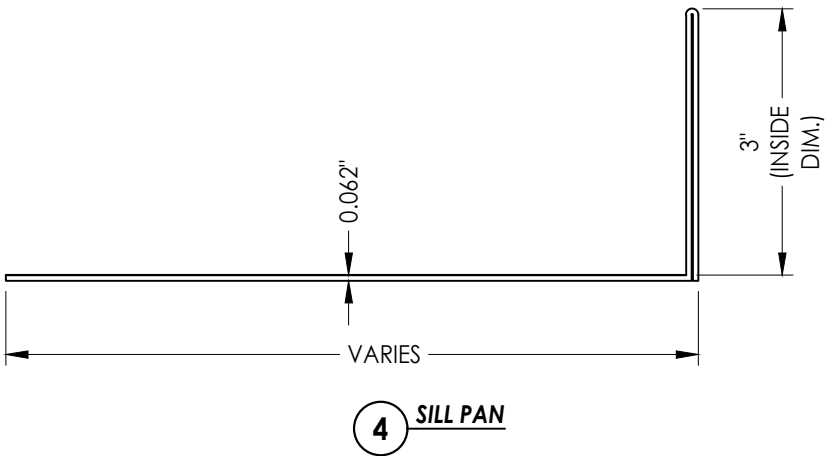
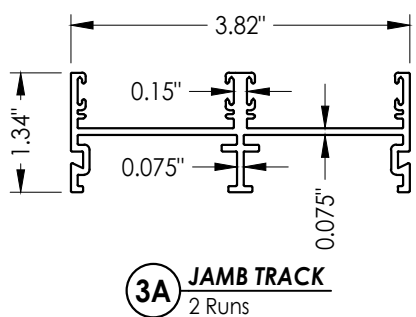
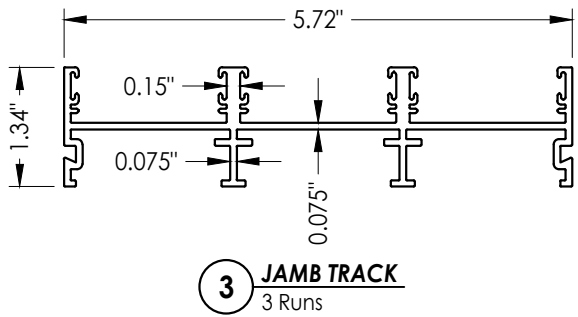
BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

FBPE Registry No. 9813

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DATE:	03/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.19
SHEET	9 OF 11

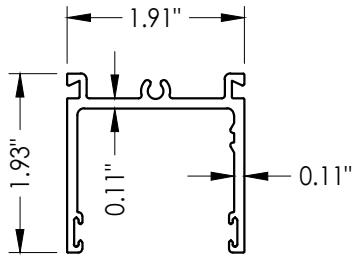
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PART OR ASSEMBLY:	COMPONENTS

NO.	DATE	REVISIONS
3	7/13/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	8/10/20	UPDATE TO 7th ED. (2020) FBC DAC
1	08/08/17	UPDATE TO 6TH ED. (2017) FBC LFS
NO.	DATE	BY

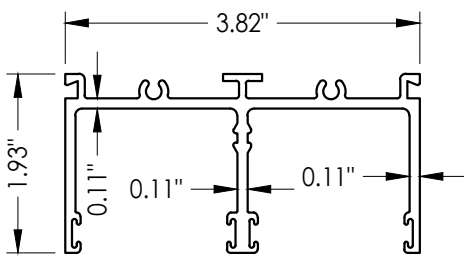
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
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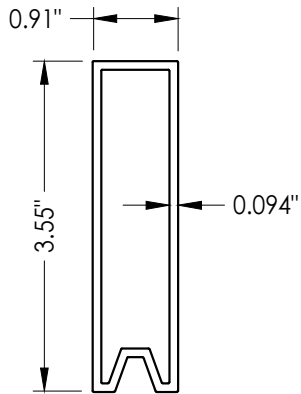
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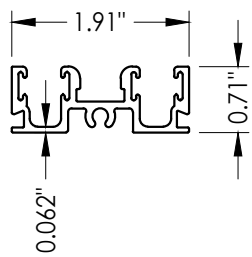
21 HEAD TRACK
1 Run



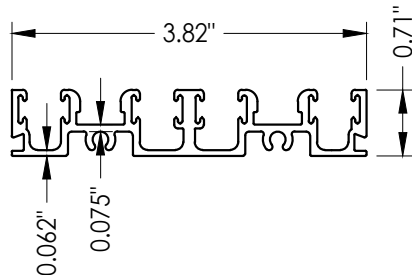
22 HEAD TRACK
2 Runs



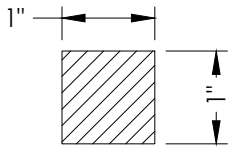
30 PANEL SETTING BLOCK



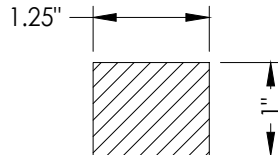
23 SILL TRACK
1 Run



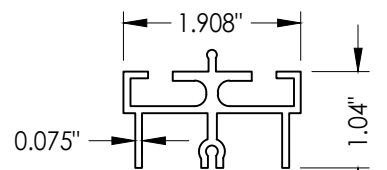
24 SILL TRACK
2 Runs



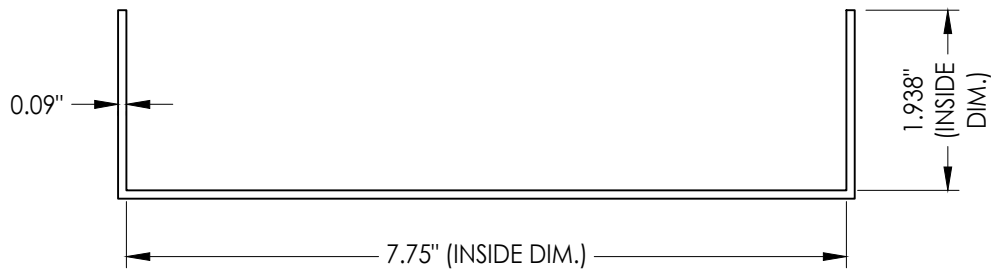
34 ALUMINUM REINFORCEMENT



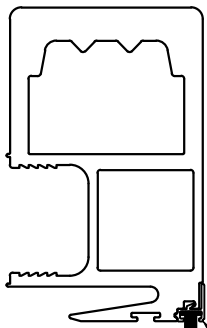
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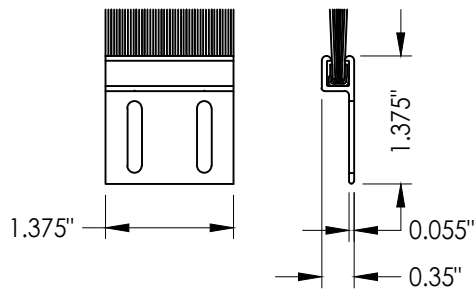
41 SUB-SILL TRACK SUPPORT



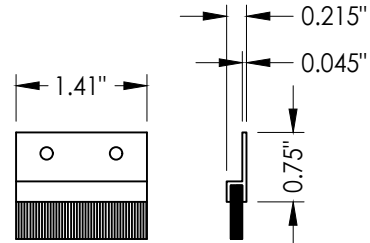
45 SUB-SILL PAN
3-Track shown



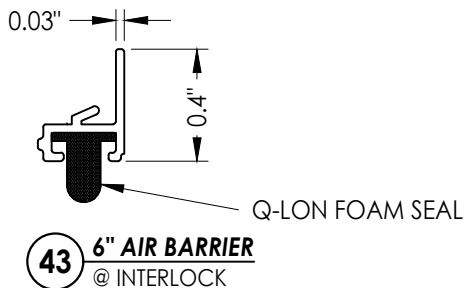
6" AIR BARRIER MOUNTED @ TOP &
BOTTOM OF EXTERIOR INTERLOCK STILE



38 AIR BARRIER (HEAD)
@ INTERLOCK



39 AIR BARRIER (SILL)
@ INTERLOCK



43 6" AIR BARRIER
@ INTERLOCK

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:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
COMPONENTS

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DATE: 03/10/16

SCALE: N.T.S.

DWG. BY: JK

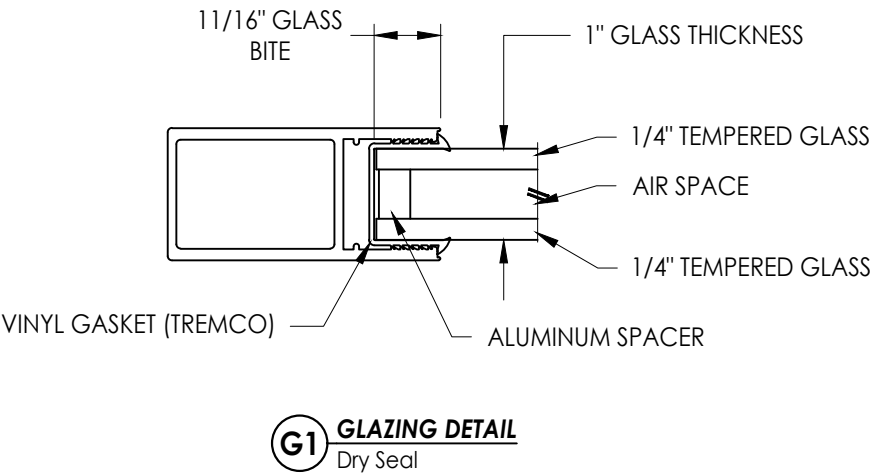
CHK. BY: LFS

DRAWING NO.:

FL-15560.19

SHEET 10 OF 11

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH 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 2-1/2" PFH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
G	3/16" X 2-3/4" ITW PFH CONCRETE SCREW	STEEL
H	3/16" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
J	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" DeWALT PFH CONCRETE SCREW	STEEL
L	#8 X 1/2" PFH SMS	STEEL
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
3A	JAMB TRACK (2 RUNS)	6063-T6 ALUM
4	SILL PAN (TRIPLE RUN)	5052 -ALUM
5	HEAD CHANNEL FILLER	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	BOTTOM RAIL	6063-T6 ALUM
8	TRACK	S.S.
9	STILE	6063-T6 ALUM
10	SILL CHANNEL FILLER	6063-T6 ALUM
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
13	HP ADAPTER	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
16	POCKET INTERLOCKER	6063-T6 ALUM
17	FEMALE YOLK	6063-T6 ALUM
18	MALE YOLK	6063-T6 ALUM
21	HEAD TRACK (1 RUN)	6063-T6 ALUM
22	HEAD TRACK (2 RUNS)	6063-T6 ALUM
23	SILL TRACK (1 RUN)	6063-T6 ALUM
24	SILL TRACK (2 RUNS)	6063-T6 ALUM
26	#8 X 3/4" PPH SMS	STEEL
27	PRIMARY LATCH	-
28	SECONDARY LATCH	-
29	HANDLE SET	-
30	PANEL SETTING BLOCK	6063-T6 ALUM
31	MAMMOTH ROLLER ASSEMBLY	-
32	SMALL FIN WEATHERSEAL (0.230" AMESBURY)	-
33	LARGE FIN WEATHERSEAL (0.290" AMESBURY)	-
34	1" X 1" ALUMINUM REINFORCEMENT	6061-T6 ALUM
35	1" X 1.25" ALUMINUM REINFORCEMENT	6061-T6 ALUM
37	#8 X 3/4" PFH SMS	STEEL
38	AIR BARRIER (HEAD)	-
39	AIR BARRIER (SILL)	-
41	SUB-SILL TRACK SUPPORT	6063-T6 ALUM
42	#8 X 1" PFH TEK SCREW	-
43	6" AIR BARRIER (INTERLOCK)	-
45	SUB-SILL PAN	5052 -ALUM



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: FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY: BILL OF MATERIALS AND GLAZING DETAILS	
3	7/13/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	8/10/20	UPDATE TO 7th ED. (2020)	FBC DAC
1	08/08/17	UPDATE TO 6TH ED. (2017)	FBC LFS
NO.	DATE		BY
REVISIONS			
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.: FL-15560.19			
SHEET 11		OF 11	