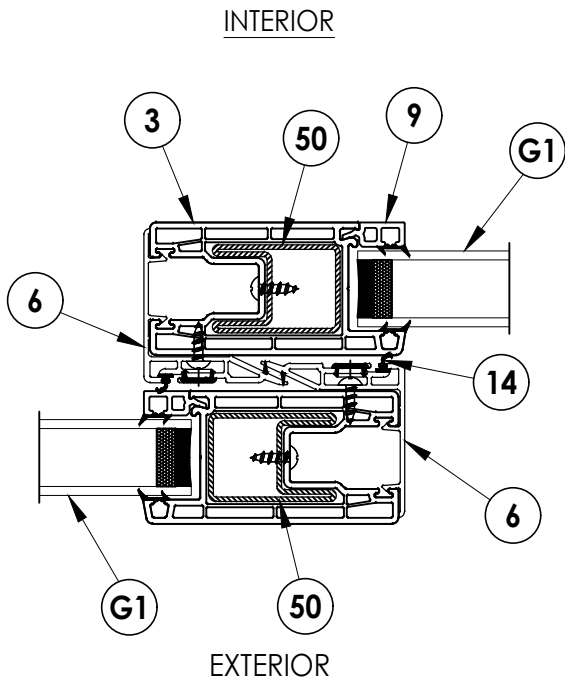
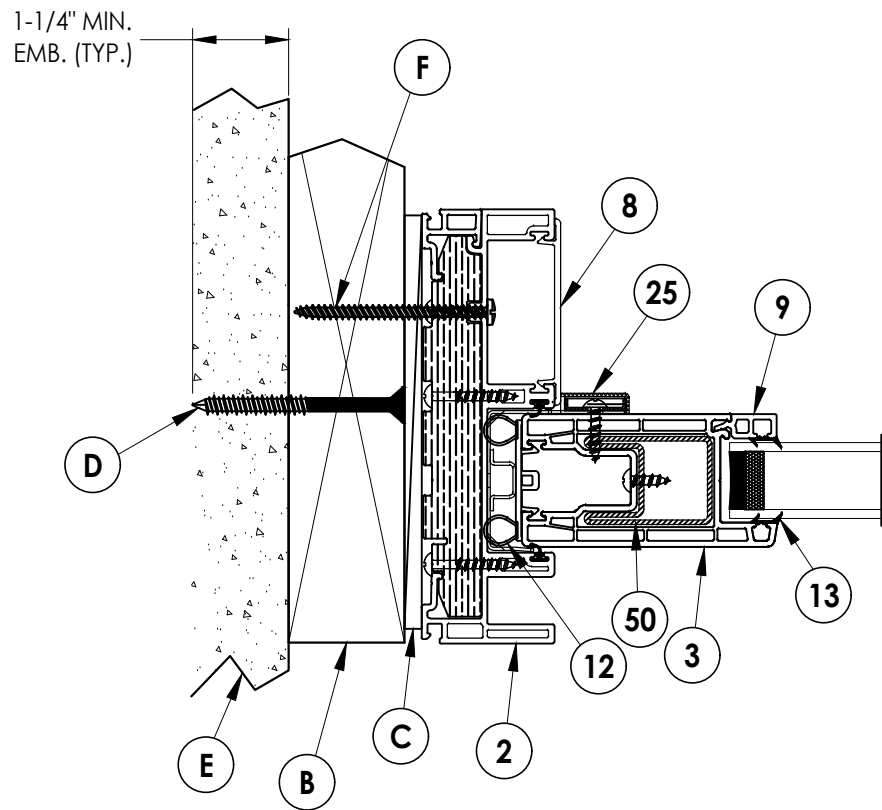
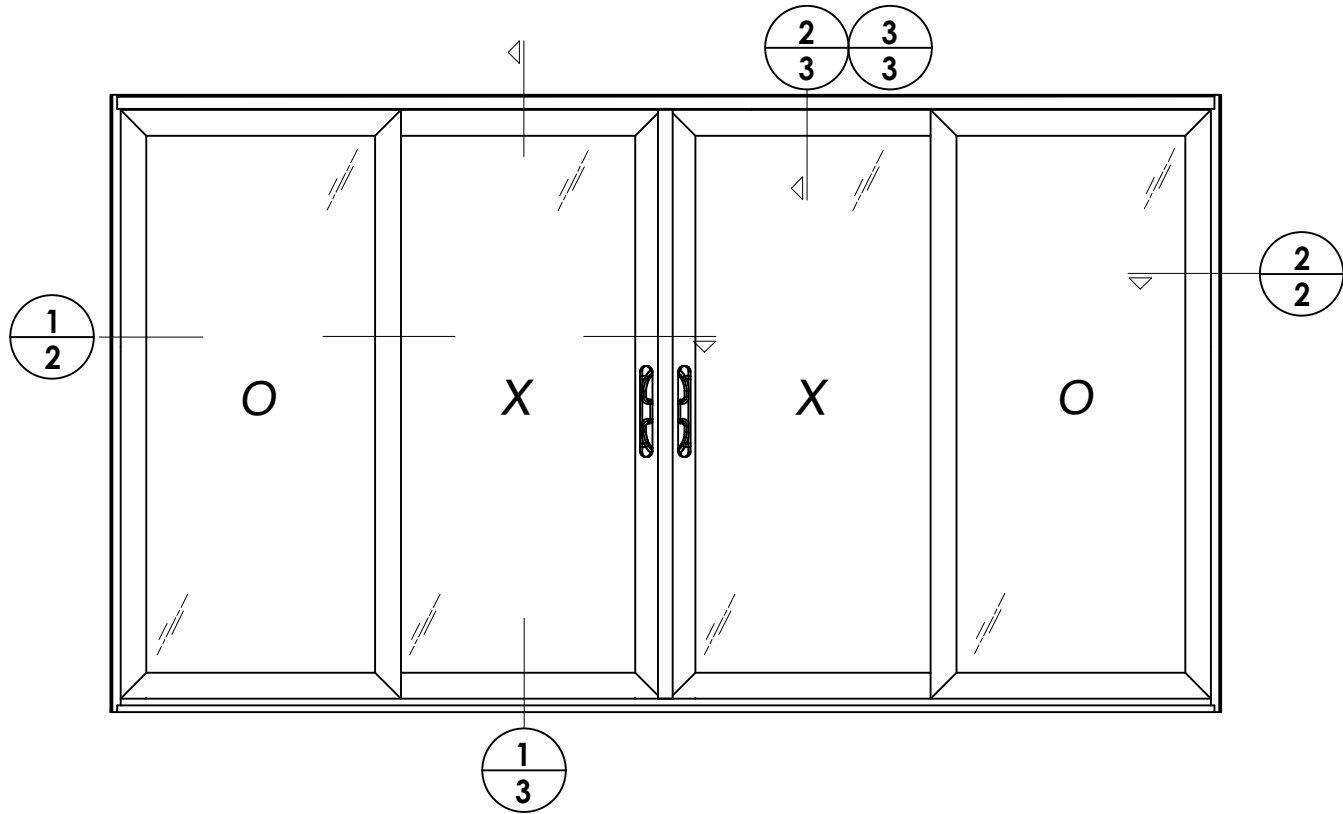
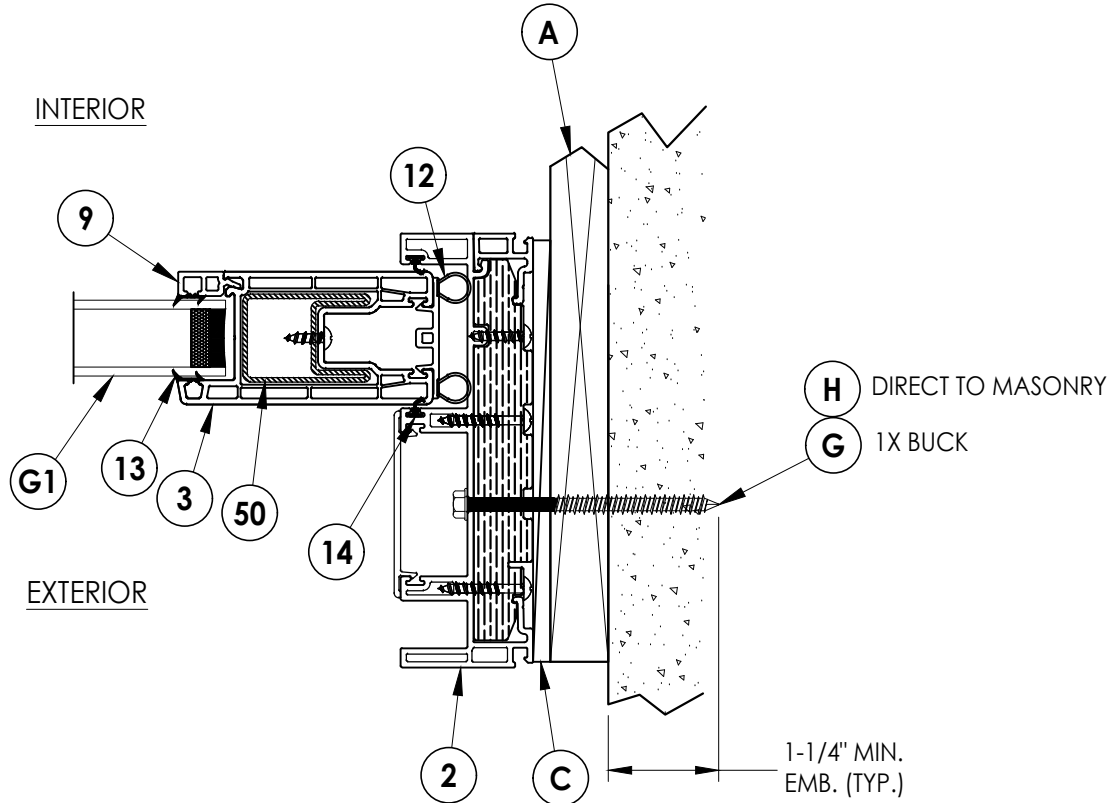


© 2022 K.W. BUILDING CONSULTANTS INC.

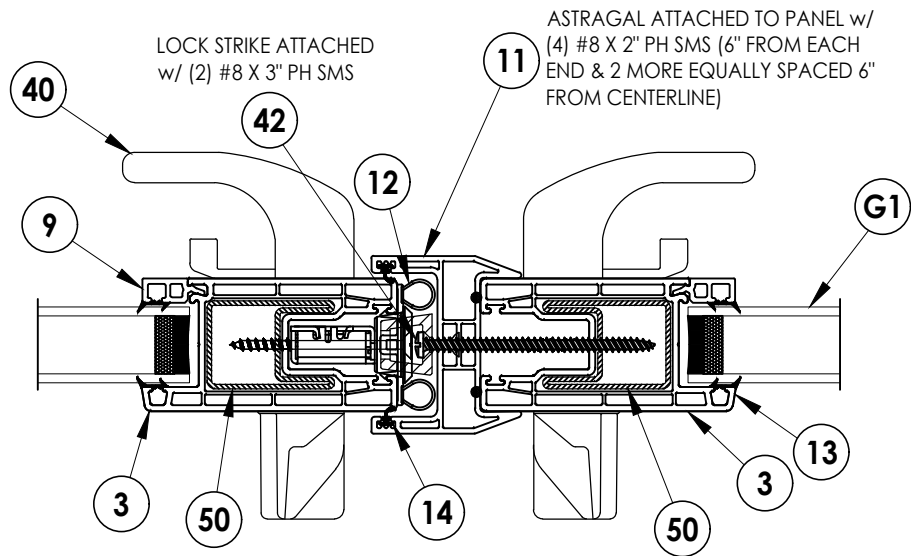
Z:\2023 FBC Drawings\Qingdal Sea Nova Building Profiles\FL-41707 R1\FL-41707.3.dwg



1
2 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck



2
2 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Buck
(Direct to Masonry Similar)



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:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	BY
1	9/13/23	LFS
UPDATE TO 8TH ED. (2023) FBC		

REVISIONS

DATE: 10/03/22

SCALE: N.T.S.

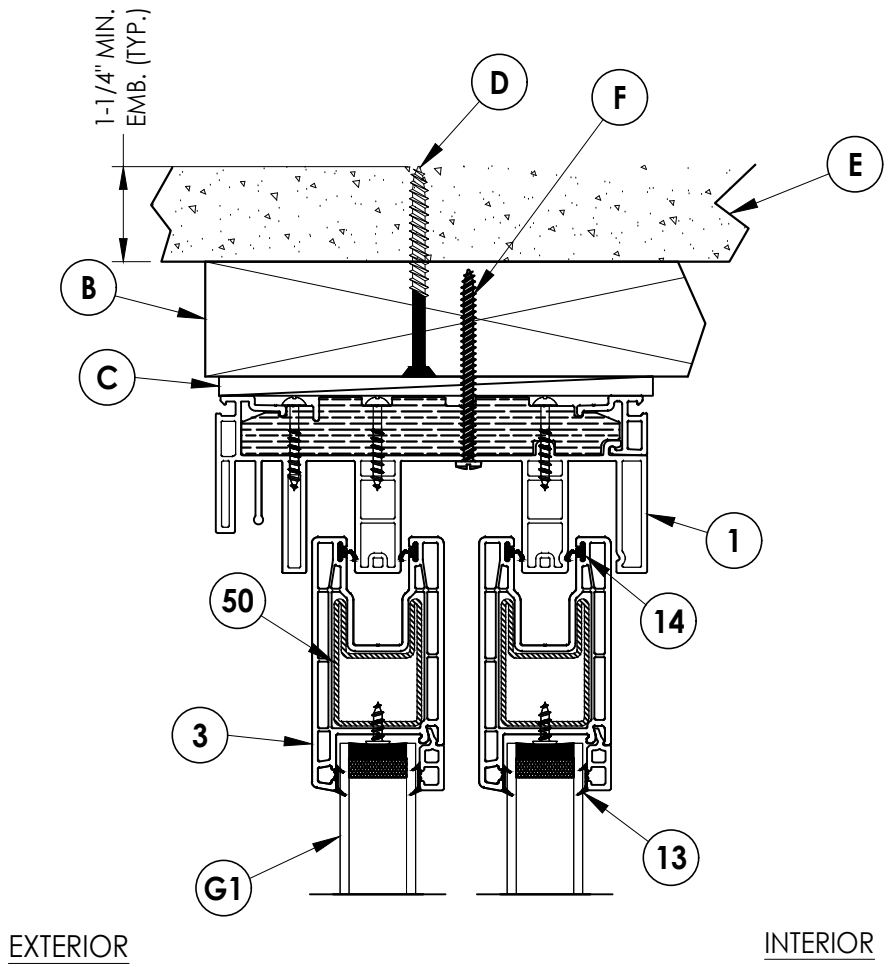
DWG. BY: LFS

CHK. BY: RW

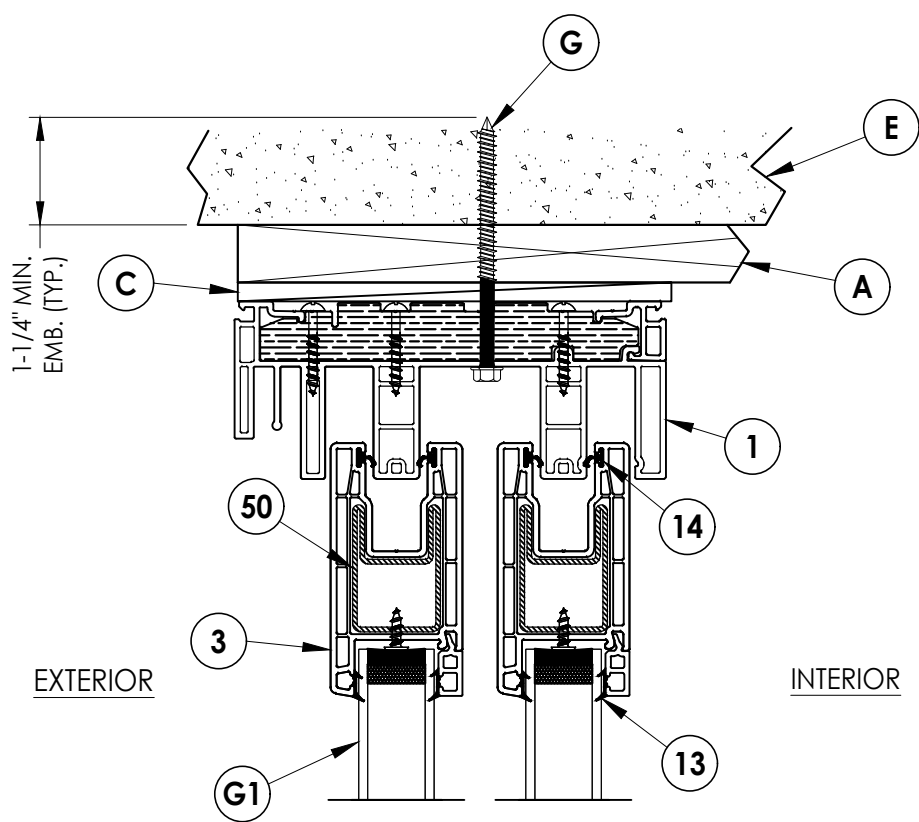
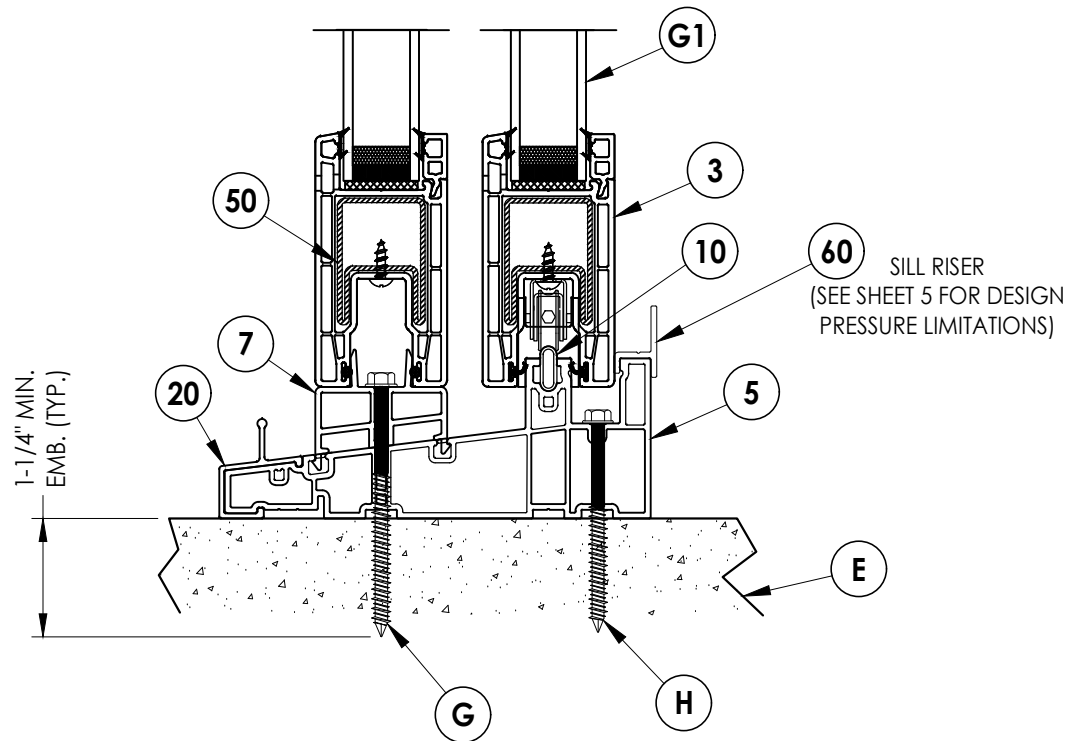
DRAWING NO.:
FL-41707.3

SHEET 2 OF 6

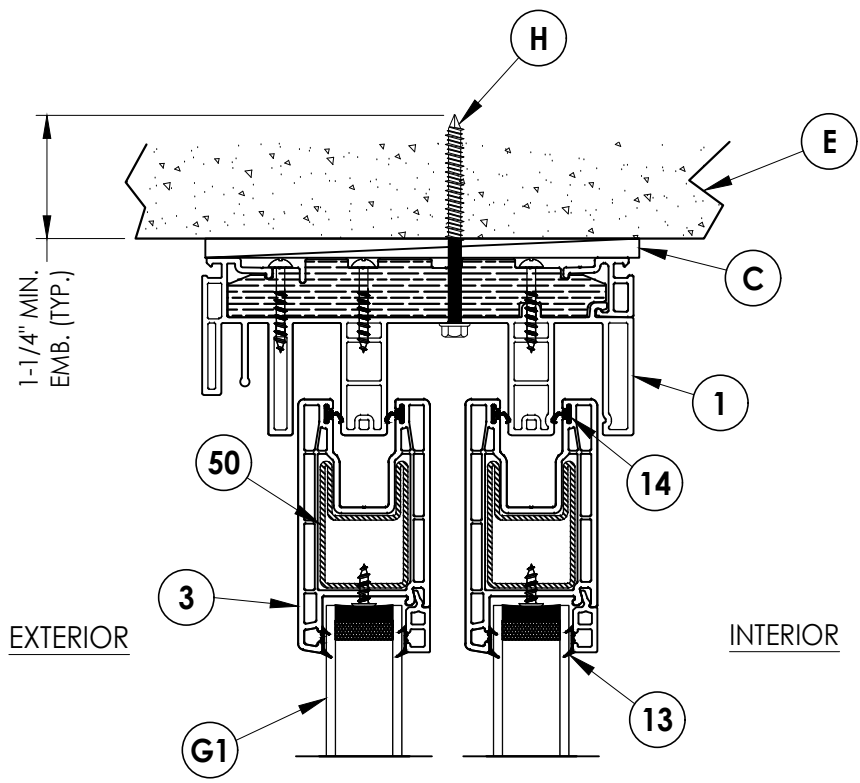
Z:\2023 FBC Drawings\Qingdal Sea Nova Building Profiles\FL-41707 R1\FL-41707 3.dwg



1 VERTICAL CROSS SECTION
3 Shown w/ 2X Buck & Head & Direct to Masonry @ Sill



2 VERTICAL CROSS SECTION
3 Shown w/ 1X Buck



3 VERTICAL CROSS SECTION
3 Shown Direct to Masonry

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:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
1	9/13/23	UPDATE TO 8TH ED. (2023) FBC LFS
		BY

DATE: 10/03/22

SCALE: N.T.S.

DWG. BY: LFS

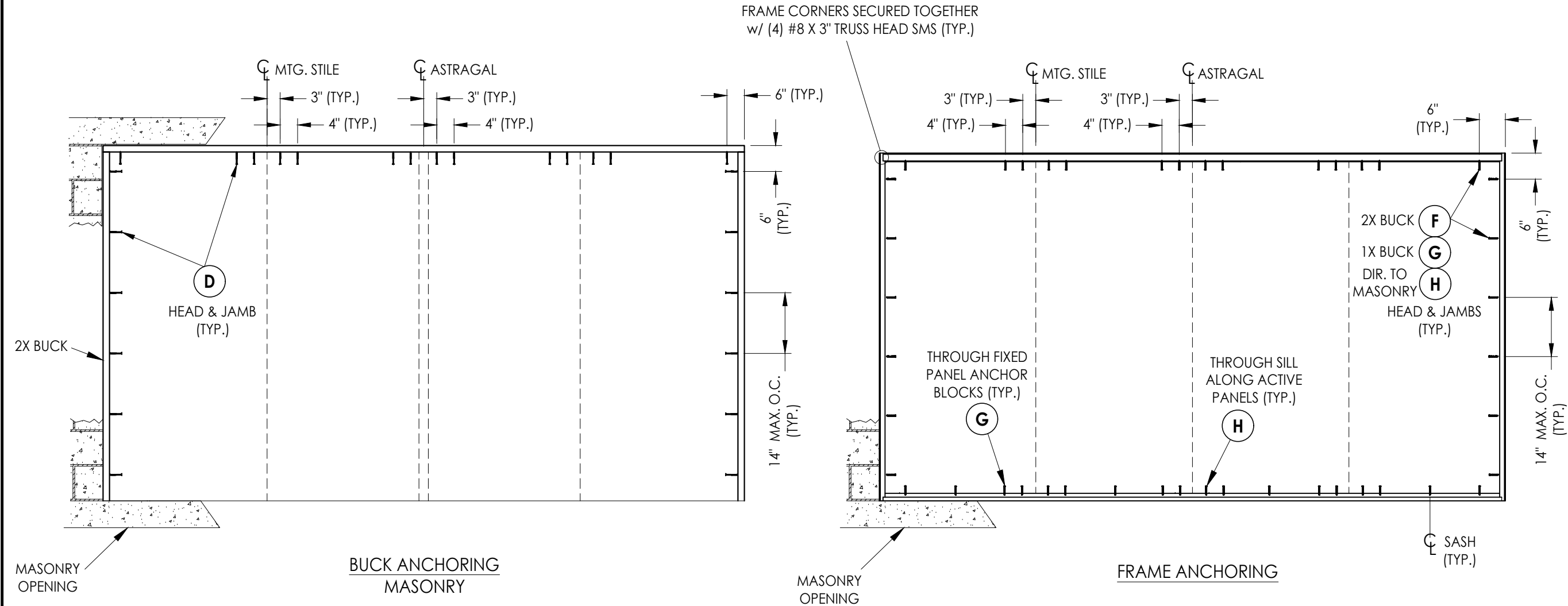
CHK. BY: RW

DRAWING NO.:

FL-41707.3

SHEET 3 OF 6

Z:\2023 FBC Drawings\Qingdal Sea Nova Building Profiles\FL-41707 R1\FL-41707 3.dwg



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"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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

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

PRODUCT:

SLIDING PATIO DOORS

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN

DATE: 10/03/22

SCALE: N.T.S.

DWG. BY: LFS

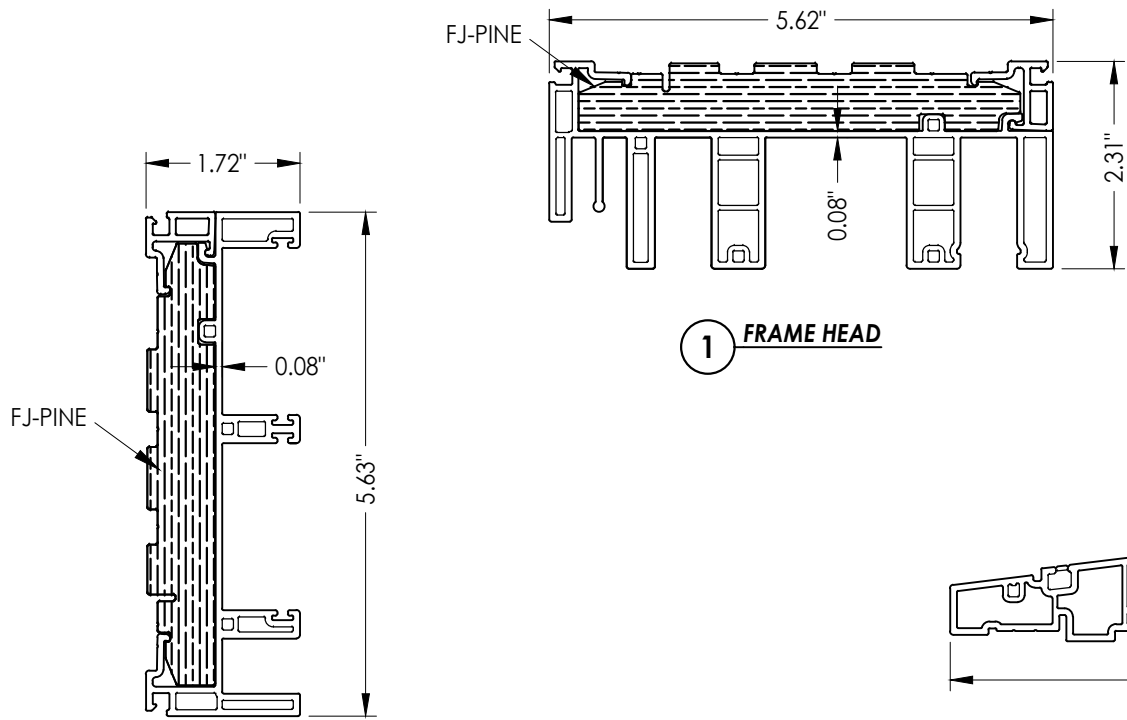
CHK. BY: RW

DRAWING NO.:
FL-41707.3

SHEET 4 OF 6

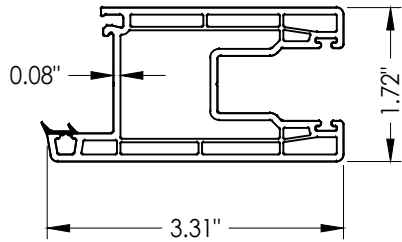
REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	9/13/23	UPDATE TO 8TH ED. (2023) FBC	LFS

Z:\2023 FBC Drawings\Qingdal Sea Nova Building Profiles\FL-41707 R1\FL-41707.3.dwg

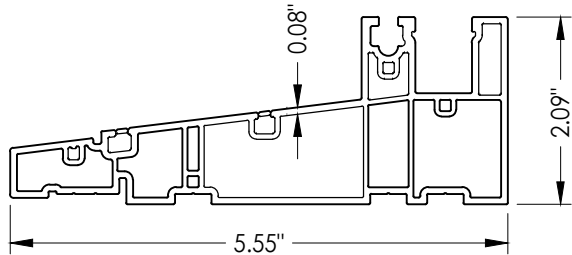


2 FRAME JAMB

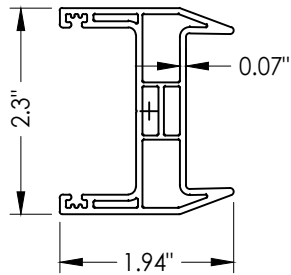
1 FRAME HEAD



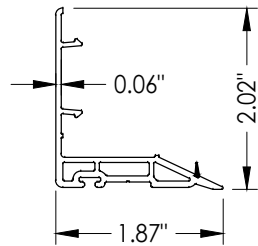
3 STILE & RAIL



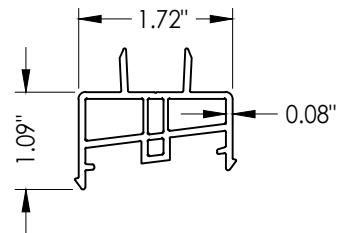
5 FRAME SILL



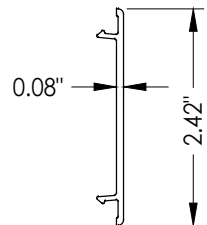
11 ASTRAGAL



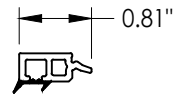
6 INTERLOCK



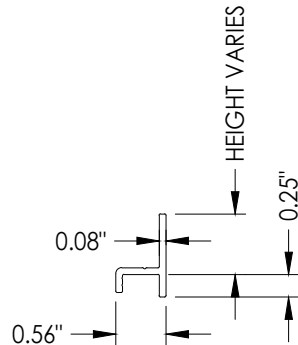
7 FIXED PANEL ANCHOR BLOCK



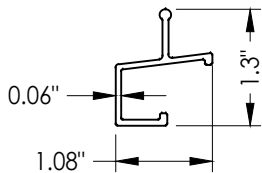
8 FRAME COVER



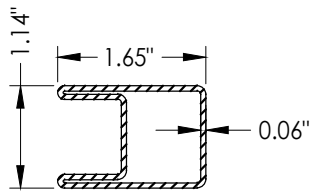
9 GLAZING BEAD
w/ Gasket



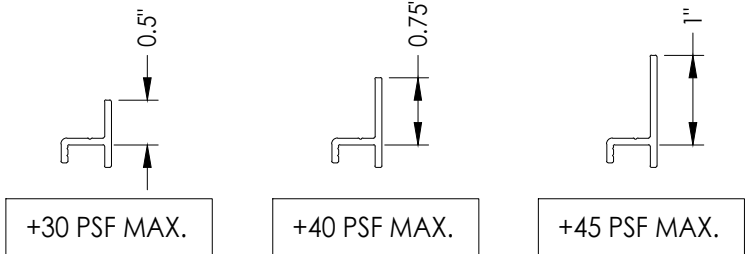
60 SILL RISER



20 SILL CLADDING



50 REINFORCEMENT
Stile & Rail



SILL RISER HEIGHT OPTIONS & DESIGN PRESSURE LIMITATIONS

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:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
1	9/13/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 10/03/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

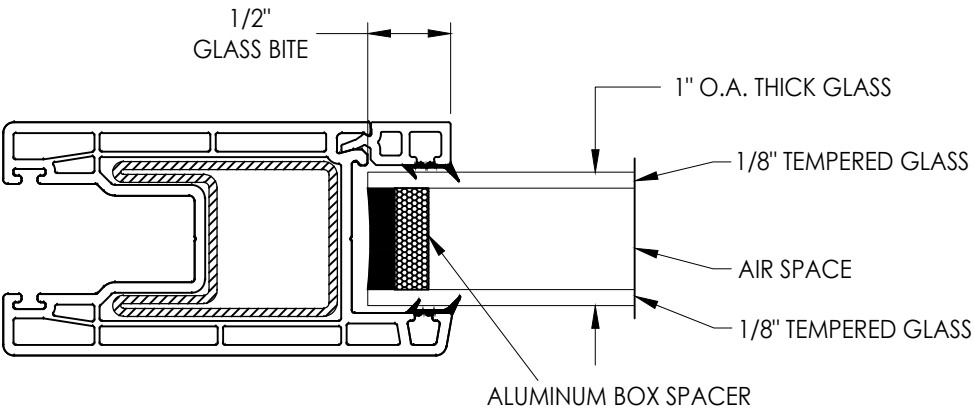
FL-41707.3

SHEET 5 OF 6

© 2022 R.W. BUILDING CONSULTANTS INC.

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" FH 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	#10 X 2-1/2" PPH SMS	STEEL
G	1/4" X 3-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
K	3/16" X 3-1/4" FH ITW CONCRETE SCREW	STEEL
1	FRAME HEAD*	PVC
2	FRAME JAMB*	PVC
3	STILE & RAIL*	PVC
5	FRAME SILL*	PVC
6	INTERLOCK*	PVC
7	FIXED PANEL ANCHOR BLOCK*	PVC
8	FRAME COVER*	PVC
9	GLAZING BEAD*	PVC
10	TANDEM WHEEL	NYLON
11	ASTREAGAL*	PVC
12	BULB WEATHERSEAL	-
13	GLAZING GASKET	-
14	STILE & RAIL WEATHERSEAL	-
20	SILL CLADDING	ALUM
25	FIXED PANEL CLIP	STEEL
40	HANDLE & LOCK KIT	STEEL
42	LOCK STRIKE PLATE	STEEL
50	STILE & RAIL REINFORCEMENT	STEEL
60	SILL RISER	ALUM

* 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

[illegible]