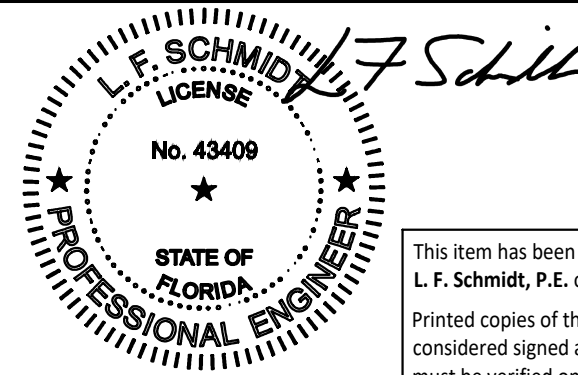




EDGE | s | Sliding Glass Door "IMPACT"



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

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

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

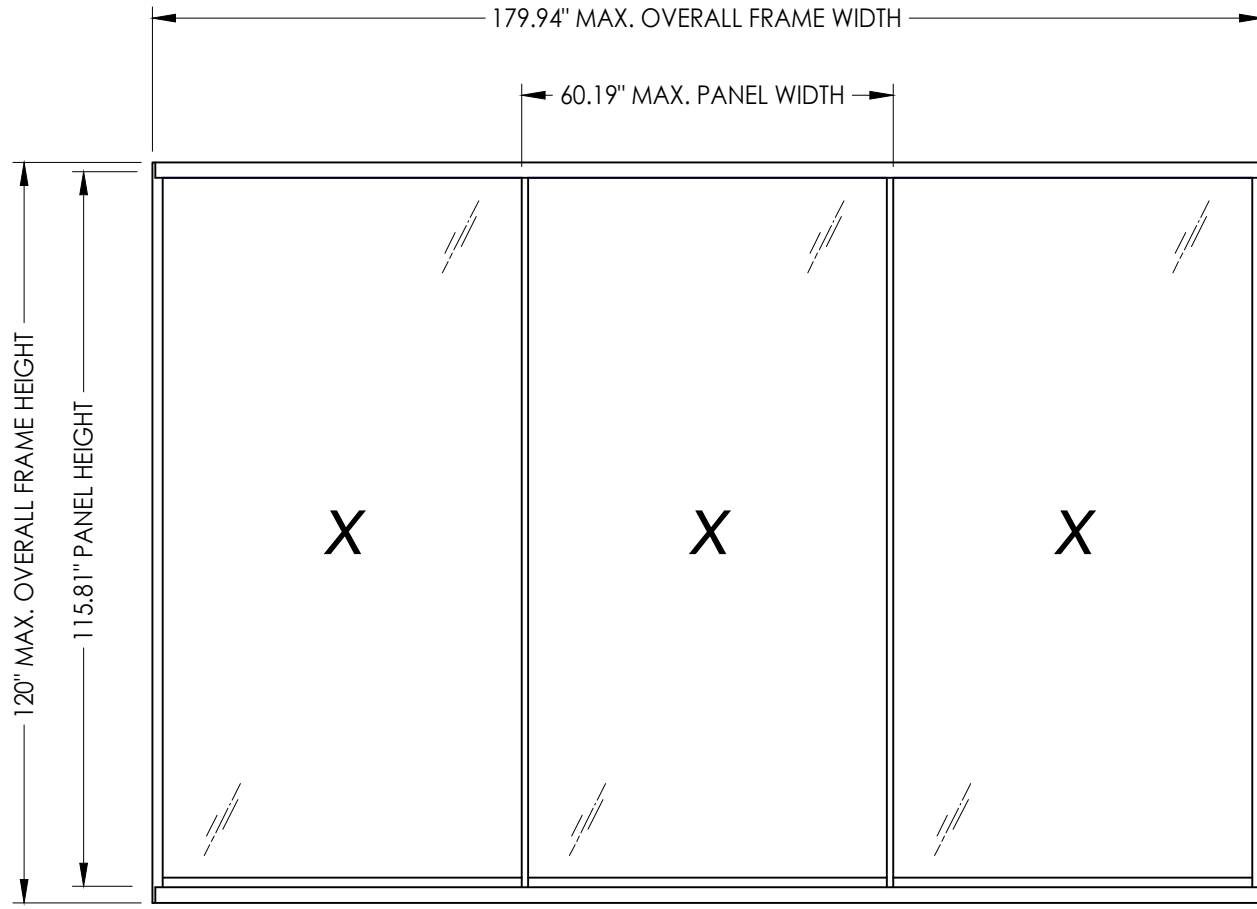
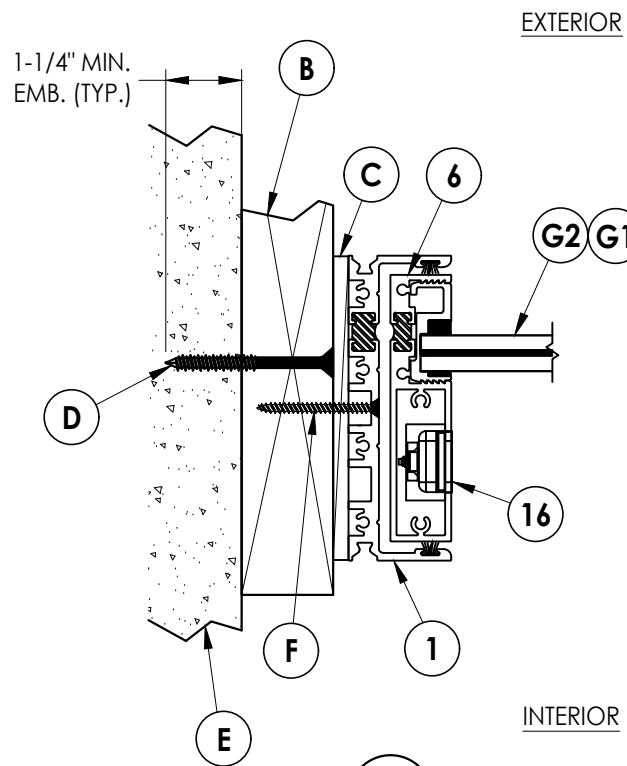
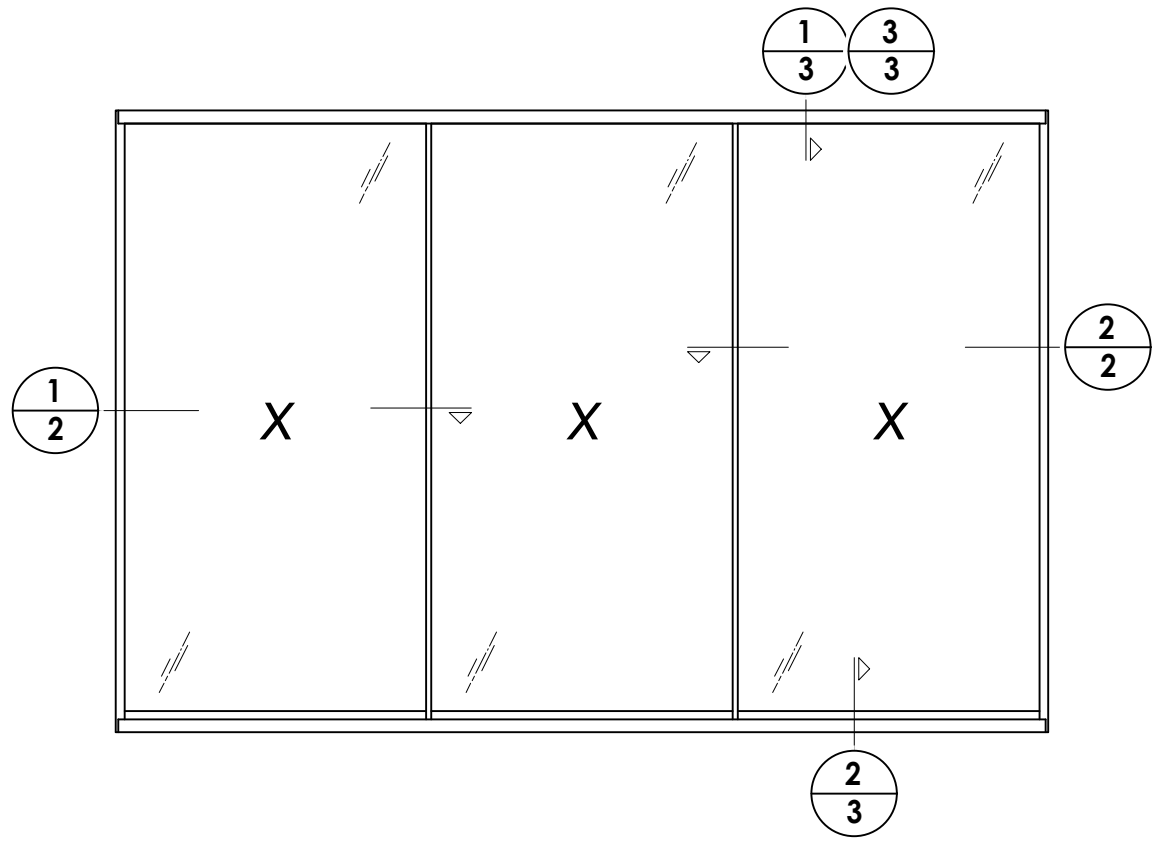


TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck anchoring
5	Frame anchoring
6	Components
7	Bill of materials & glazing details

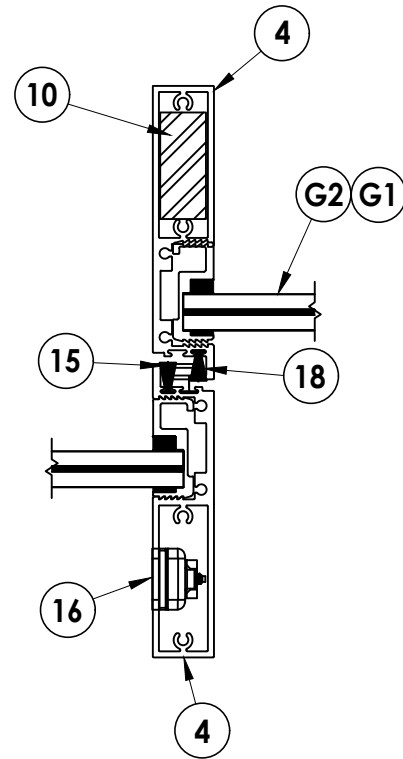
MAX O.A. FRAME DIMENSION	MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
179.94" X 120.0"	60.19" X 115.81"	58.19" X 113.44"	G1, G2	+75.0	-75.0

PRODUCT:	FLEETWOOD WINDOWS & DOORS		
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		
NO.	DATE	BY	REVISIONS

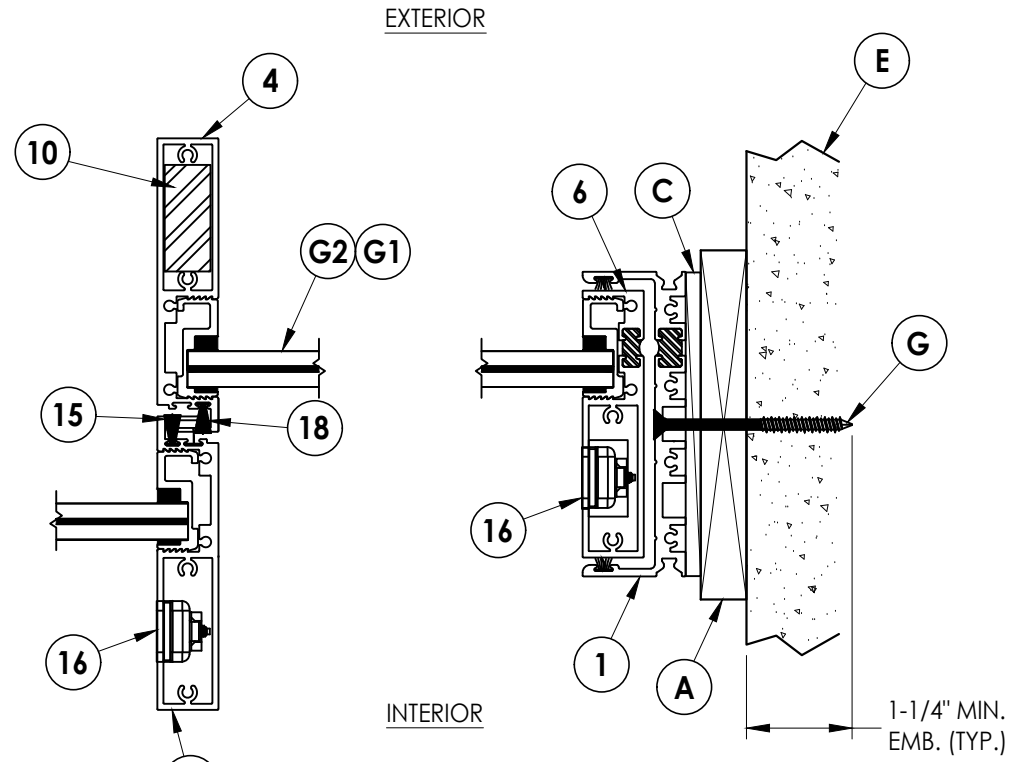
DATE: 7/11/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15560.27
SHEET 1 OF 7



1 HORIZONTAL CROSS SECTION
2X Buck Construction



2 HORIZONTAL CROSS SECTION
1X Buck Construction



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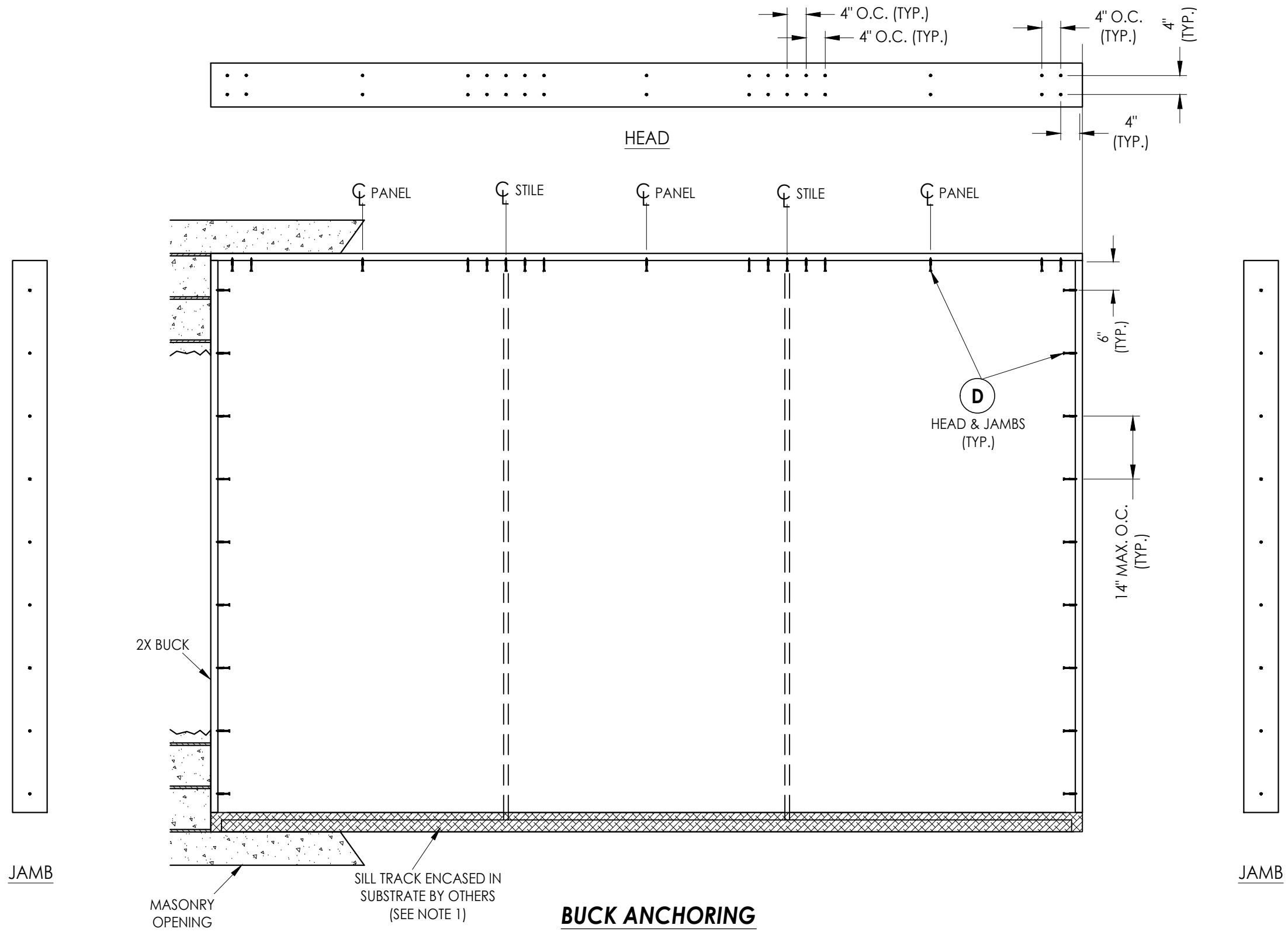
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 7/11/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-15560.27
SHEET 2 OF 7



NOTE:

1. THE SILL TRACK SHALL BE ENCASED IN THE NON-POROUS SUBSTRATE. THE DESIGN OF THE SUBSTRATE & ITS ABILITY TO WITHSTAND THE SUPERIMPOSED WIND LOADS IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND IS BEYOND THE SCOPE OF THIS APPROVAL DOCUMENT.

DATE: 7/11/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-15560.27

SHEET 4 OF 7

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
BUCK ANCHORING

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NO.	DATE	BY	REVISIONS

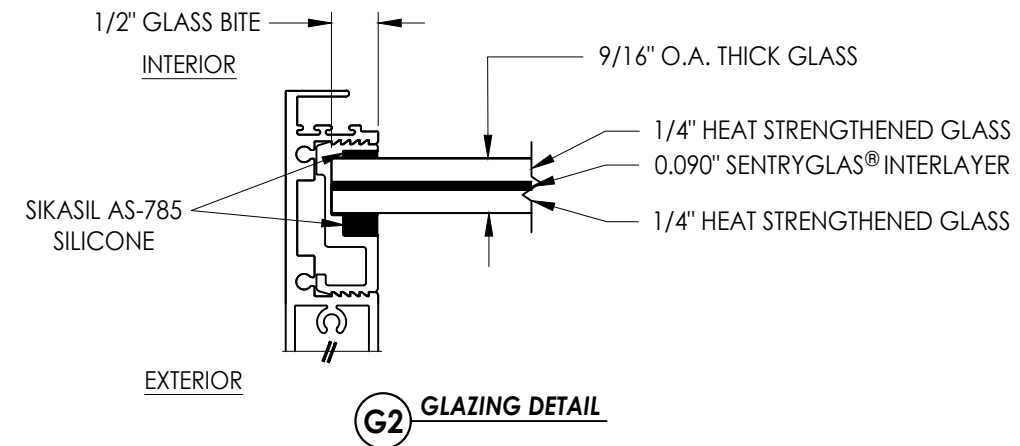
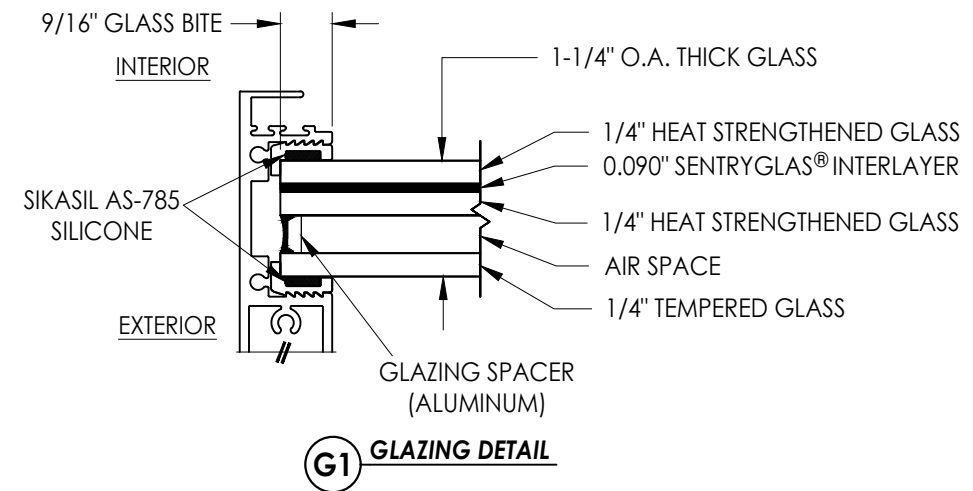
BILL OF MATERIALS

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" DeWALT 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" PFH SMS (1.25" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" DeWALT PFH CONCRETE SCREW	STEEL
1	FIN JAMB	6063-T6 ALUM
2	HEAD TRACKS	6063-T6 ALUM
3	SILL TRACKS	6063-T6 ALUM
4	FIN KEEP	5052 -ALUM
6	FIN LEAD STILE	6063-T6 ALUM
7	TOP RAIL	6063-T6 ALUM
9	BOTTOM RAIL	6063-T6 ALUM
10	REINFORCEMENT	6063-T6 ALUM
11	ANTI-LIFT	6063-T6 ALUM
12	SHEAVE BLOCK	6063-T6 ALUM
13	SLOT CAP	6063-T6 ALUM
14	MOHAIR WEATHERSTRIP	-
15	MOHAIR WEATHERSTRIP	-
16	BLADE LOCKING HARDWARE	-
17	BLADE CASE	-
18	MOHAIR WEATHERSTRIP	-
20	A4-E SHEAVE	-
21	SILL PAN	5052 -ALUM

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
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	3"



NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
BILL OF MATERIALS
AND GLAZING DETAILS

NO.	DATE	BY	REVISIONS

DATE: 7/11/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-15560.27

SHEET 7 OF 7