

Z:\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.25.dwg

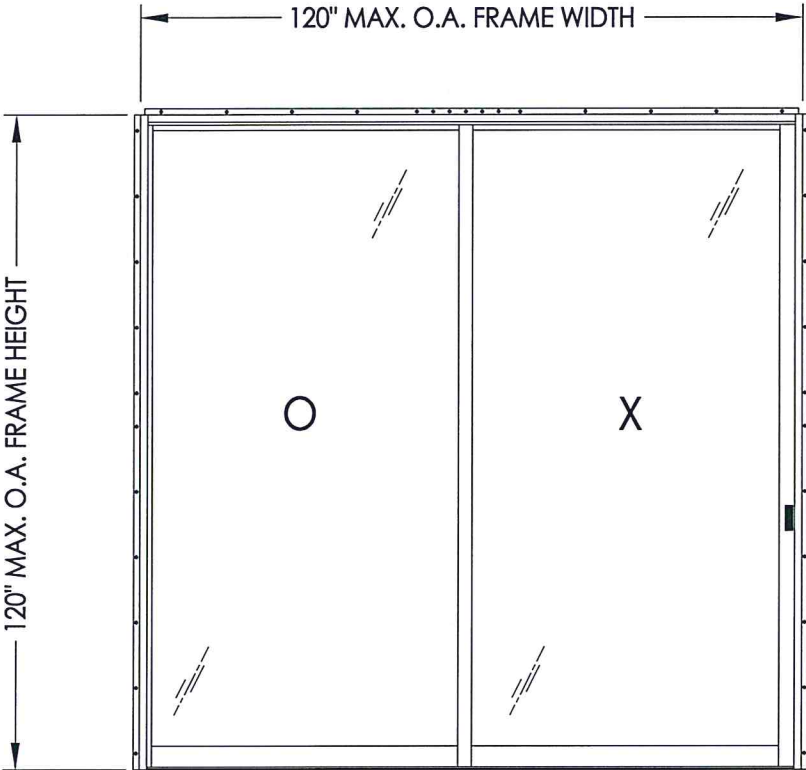


SERIES 3000-T Narrow Stile
Sliding Glass Door
w/ Thermal Break Frame
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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.
9. Gaskets shall comply with FBC Section 2411.3.4.

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1	Typical elevations, design pressures and general notes
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MAX. FRAME DIMENSION	MAX. FIXED PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	MEETING STILE REINFORCEMENT REQUIRED	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
120.0" X 120.0"	60.5" X 118.125"	56.5" X 112.75"	G1, G2	NO	+20.0	-50.0
				NO	+40.0*	-50.0
				YES	+50.0*	-50.0

*REQUIRES 3" SILL PAN (WHERE WATER INFILTRATION IS REQUIRED)

FL-15560.25

F. SCHMIDT

FL LICENSE

No. 43409

STATE OF FLORIDA

PROFESSIONAL ENGINEER

December 15, 2020

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

RW

BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

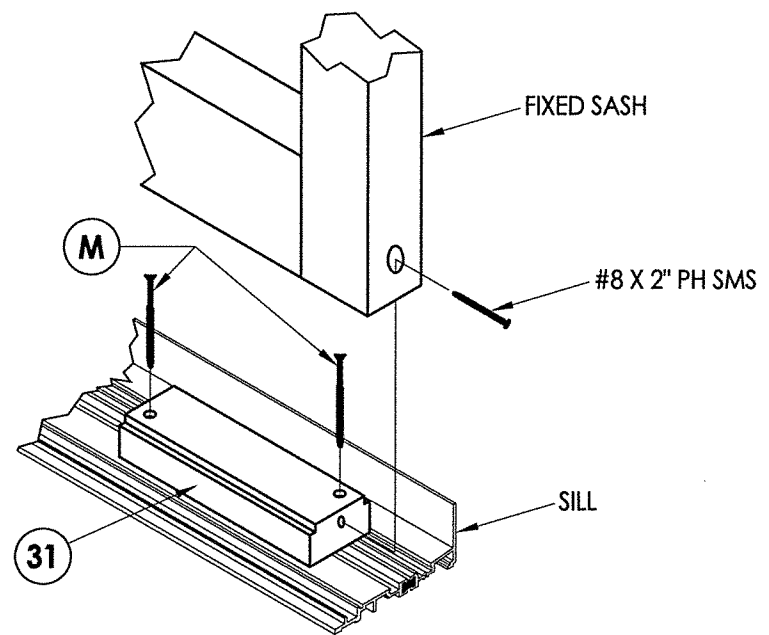
Phone No.: 813.659.9197

FBPE Registry No. 9813

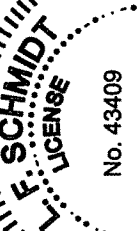
PRODUCT:		FLEETWOOD	
		SERIES 3000-T	
PART OR ASSEMBLY:			
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES			
NO.	DATE	REVISIONS	
DATE: 12/8/20			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15560.25			
SHEET 1 OF 6			

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2 VERTICAL CROSS SECTION
3 2X Buck Construction @ Head
 3" Sill Pan

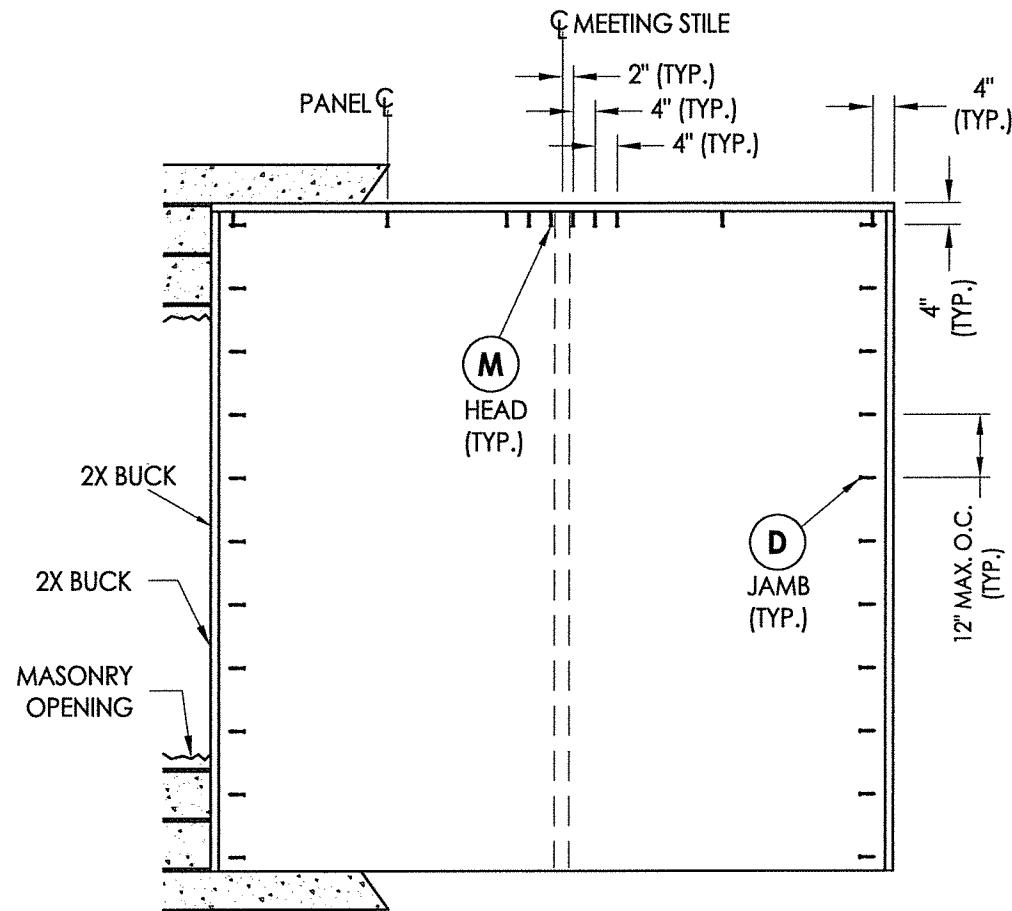


Fixed Interlock Block Detail


December 15, 2020
Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

DATE: 12/8/20		PRODUCT: FLEETWOOD SERIES 3000-T PART OR ASSEMBLY: VERTICAL CROSS SECTION	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15560.25			
SHEET 3 OF 6			
NO.	DATE	BY	REVISIONS



BUCK ANCHORING

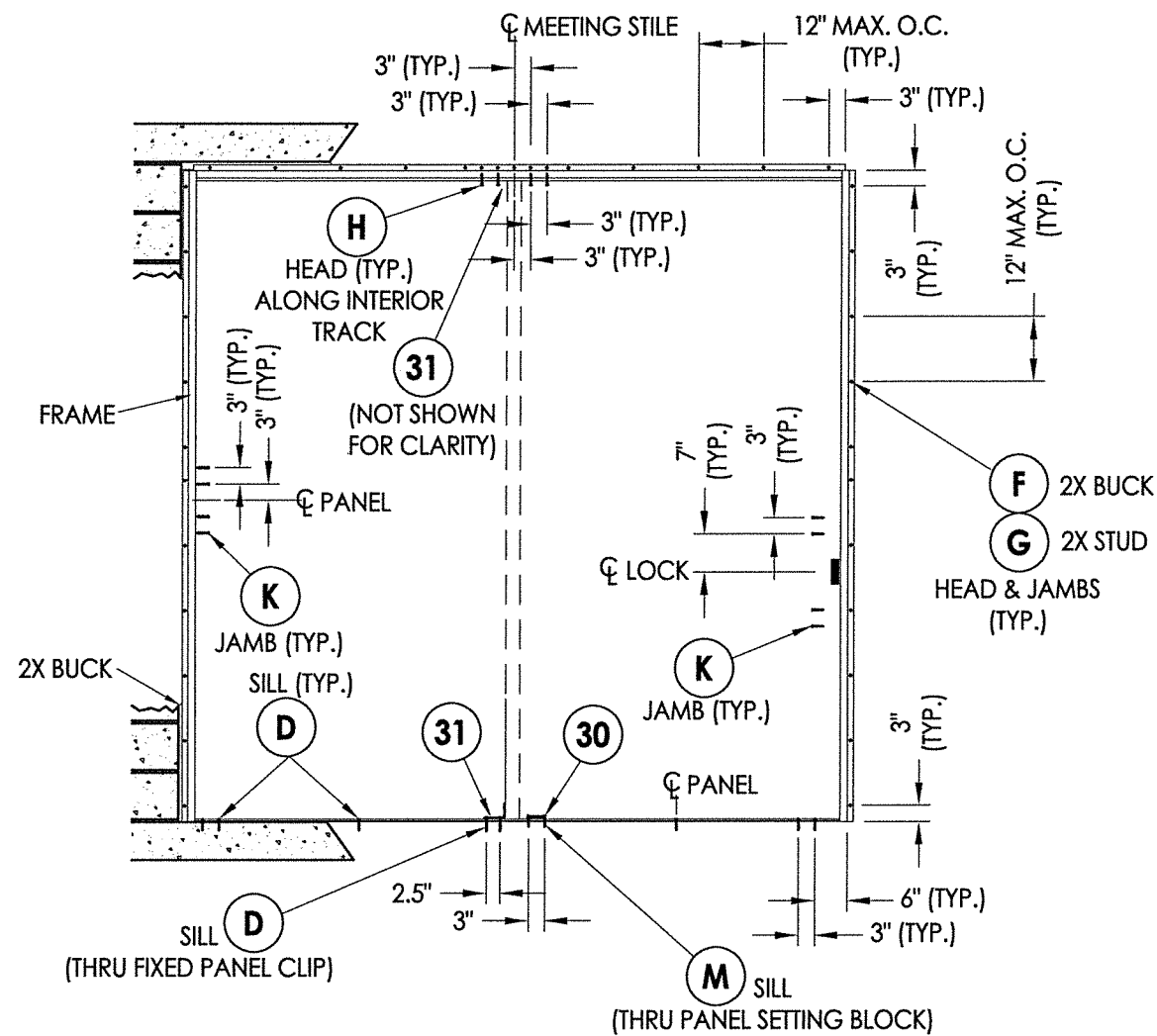
CONCRETE ANCHOR NOTES:

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:

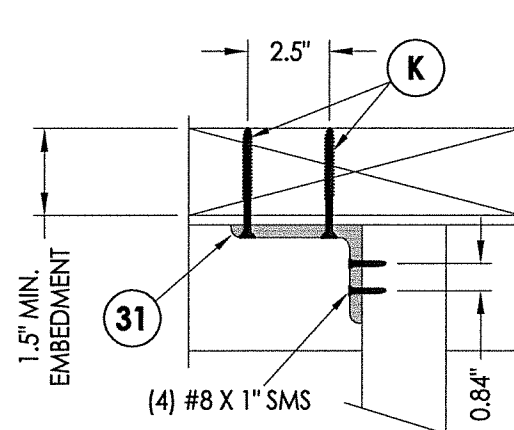
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
DeWALT ULTRACON®	1/4"	1-1/4" (Jamb) 1-3/4" (Head/Sill)	2-1/2"	2-1/2"

WOOD SCREW INSTALLATION NOTES:

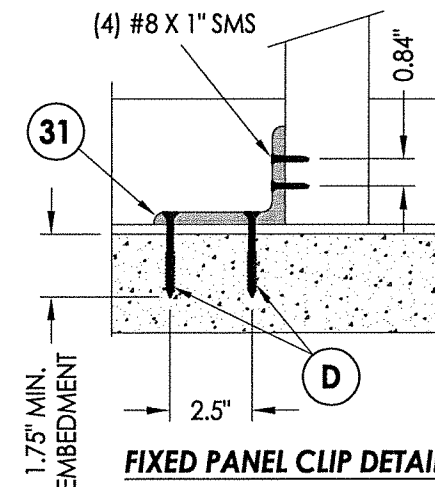
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



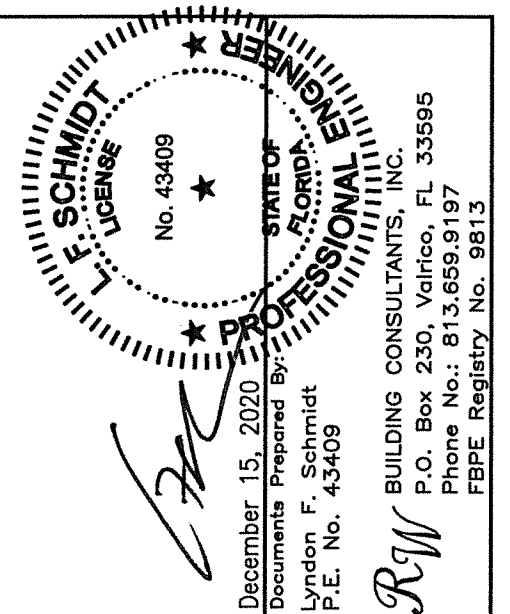
FRAME ANCHORING



FIXED PANEL CLIP DETAIL



@ SILL

[illegible]

Technical drawing of a mechanical part, likely a bracket or support. The drawing shows a side view with a central rectangular feature. Dimensions are indicated: a width of 1.35, a height of 3.5, and a small offset of 0.1. The part has a complex profile with rounded corners and a central cutout.

Technical drawing of a mechanical part, likely a bracket or support. The drawing shows a side view with a central joint. Dimensions are indicated: 1.35 (width of the top flange), 4 (height of the main body), and 0.1 (thickness of the main body). The central joint is shown in cross-section with hatching.

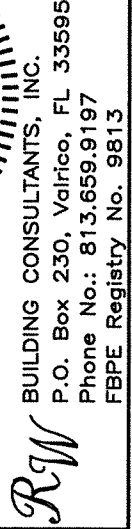
Technical drawing of a 90-degree elbow. The horizontal run is dimensioned as 4.5" (INSIDE DIM.). The wall thickness is dimensioned as 0.05". The vertical rise is dimensioned as 0.5" (INSIDE DIM.).

Technical drawing of a rectangular block. The top horizontal edge is dimensioned as 1". The right vertical edge is dimensioned as 0.313". The block is filled with diagonal hatching lines.

Technical drawing of a fixed interlock block. The top view shows a rectangular block with a width of 0.625" and a length of 1.1". A circular feature is located on the top surface. The side view shows a rectangular block with a height of 0.25" and a length of 3.5".

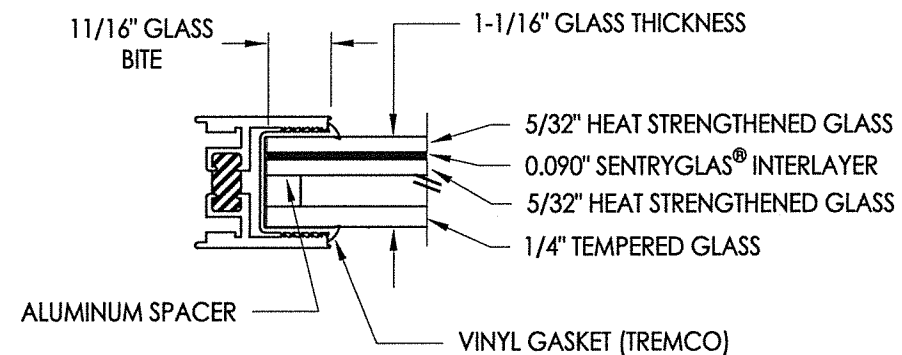
Technical drawing of a rectangular plate with the following dimensions and features:

- Overall width: 1.38"
- Overall height: 3"
- Top edge offset: 1" from the top-left corner to the centerline of the holes.
- Left edge offset: 0.83" from the left edge to the centerline of the holes.
- Bottom edge offset: 1" from the bottom edge to the centerline of the holes.
- Right edge offset: 0.69" from the right edge to the centerline of the holes.
- Four circular holes are arranged in a 2x2 grid.
- A small rectangular feature is located at the bottom center of the plate.

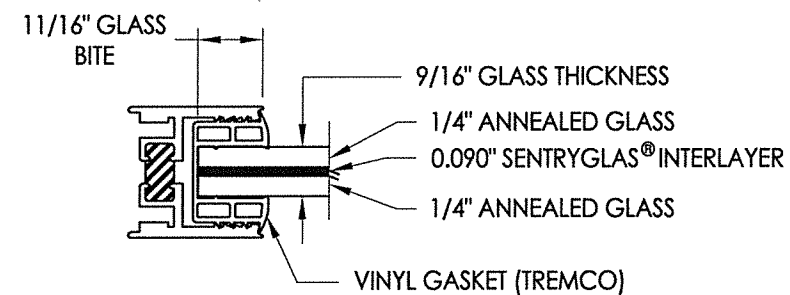


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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-7/8" MIN. EMBEDMENT)	STEEL
G	#10 X 2-1/2" PPH SMS (1-7/8" MIN. EMBEDMENT)	STEEL
H	#10 X 2" PH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
K	#10 X 2-1/2" FH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
M	1/4" X 3-1/4" DeWALT PFH CONCRETE SCREW	STEEL
1	HEAD w/ NAIL FIN	6063-T6 ALUM
2	SILL	6063-T6 ALUM
3	JAMB w/ NAIL FIN	6063-T6 ALUM
4	LOCK STILE (NARROW)	6063-T6 ALUM
5	FIXED STILE	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	SLIDING BOTTOM RAIL	6063-T6 ALUM
8	FIXED BOTTOM RAIL	6063-T6 ALUM
9	HP INTERLOCK	6063-T6 ALUM
10	FIXED INTERLOCK	6063-T6 ALUM
11	CLOSER	6063-T6 ALUM
13	SLIDING BOTTOM RAIL WEATHER STRIP	-
14	LOCK STILE SPREADER	6063-T6 ALUM
15	BOTTOM RAIL SPREADER	6063-T6 ALUM
16	TOP RAIL ISOLATOR	6063-T6 ALUM
17	ISOLATOR	6063-T6 ALUM
18	S.S. TRACK	SS
20	SMALL FINSEAL	-
21	LARGE FINSEAL	-
22	FOAM WEATHERSTRIP (Q-LON)	-
23	MOHAIR WEATHERSTRIP	-
24	ROLLER ASSEMBLY	-
25	STRIKE PLATE ASSY.	-
27	LATCH ASSY. (Archetype Narrow Latch)	-
30	THERMAL BREAK (Liquid Polyurethane by Azon, USA)	-
31	FIXED INTERLOCK BLOCK	6063-T6 ALUM
32	3" X 4" L-BRACKET	6063-T6 ALUM
34	ALUMINUM REINFORCEMENT	6061-T6 ALUM
35	ALUMINUM REINFORCEMENT	6061-T6 ALUM
36	1" SILL PAN	5052 -ALUM
37	3" SILL PAN	5052 -ALUM

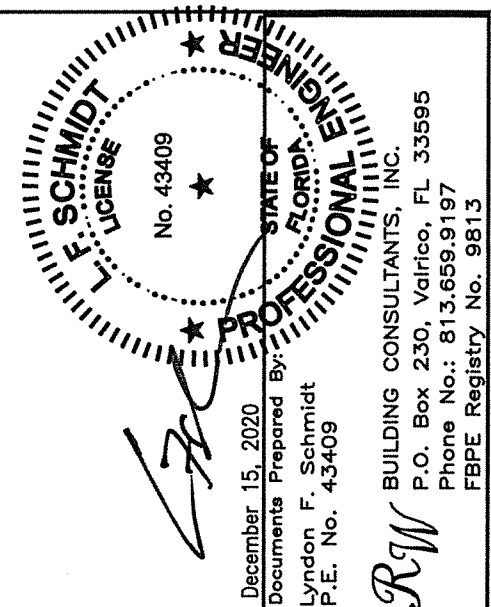


G1 GLAZING DETAIL



G2 GLAZING DETAIL

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



DATE: 12/8/20		REVISIONS NO. DATE		BY		PART OR ASSEMBLY: BILL OF MATERIALS & GLAZING DETAILS
SCALE: N.T.S.						
DWG. BY: RW						
CHK. BY: LFS						
DRAWING NO.: FL-15560.25						
SHEET 6 OF 6				PRODUCT: FLEETWOOD SERIES 3000-T		