

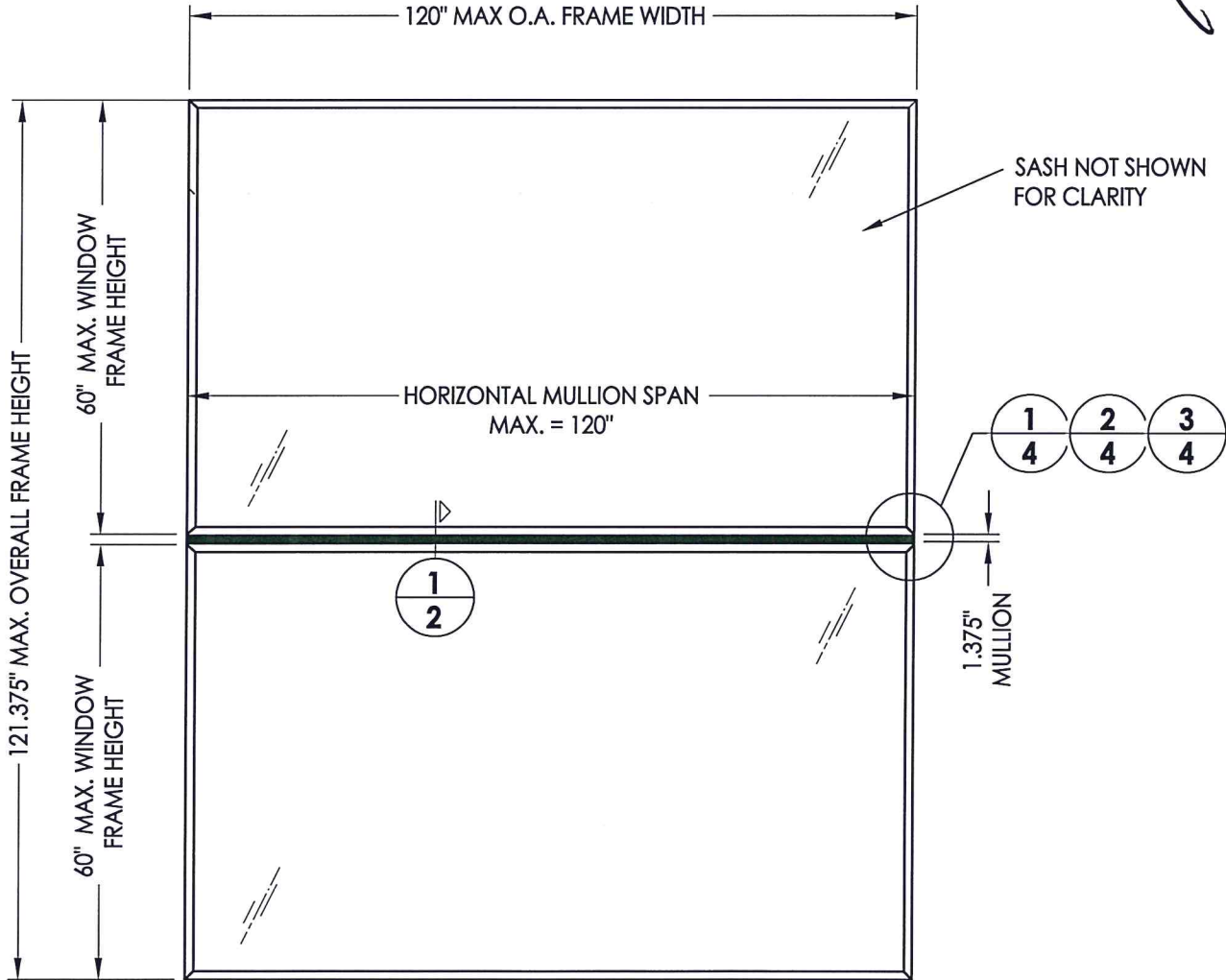
6580



GENERAL NOTES

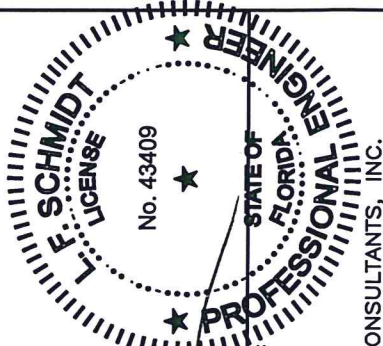
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements, excluding the "High Velocity Hurricane Zone".
2. When used in areas requiring wind borne debris protection, this product (if mulled together with impact rated windows) does not require protection from an impact resistant covering when used in Wind Zones 1, 2 and 3 as defined by ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
3. In Wind Zone 4 as defined by ASTM E 1996, this product must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
4. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as specified using this approval or the design pressure rating of the individual glazing products used.
5. Anchoring of each glazing product to the mullion shall be as shown in this drawing or as shown in each individual glazing product approval, whichever is more stringent.
6. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	Component details & cross sections
3	Design pressure table
4	Anchor bracket details
5	Buck anchoring



MULLED WINDOW UNITS
(Twin unit shown, multiples also allowed)

See Sheet 3 for Design Pressure Ratings



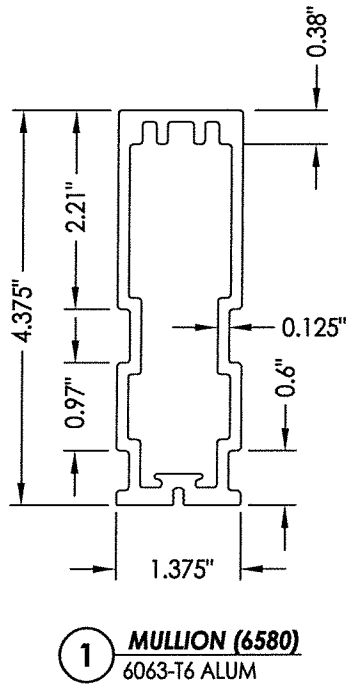
July 29, 2020

Documents Prepared by
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FBPE Registry No. 9813

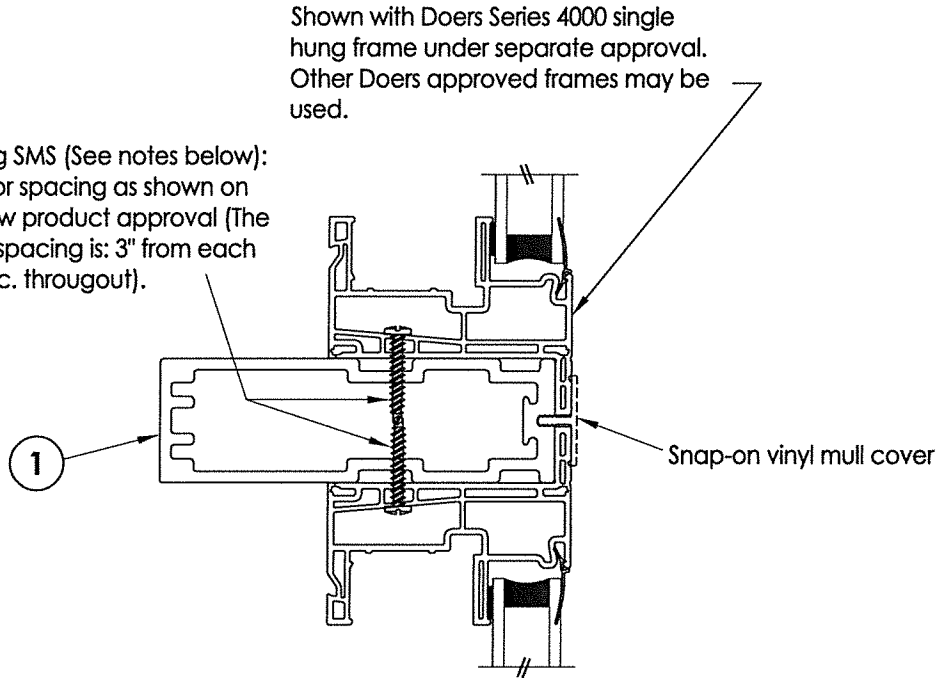
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- Notes:
1. Refer to individual window product approval for fabrication and installation requirements, including glazing details, frame reinforcement and anchoring specifications.
 2. Sheet metal screws (self-drilling) shall have a minimum of 3 threads protrude completely through the mullion frame. Maintain a min. 1/2" edge distance.

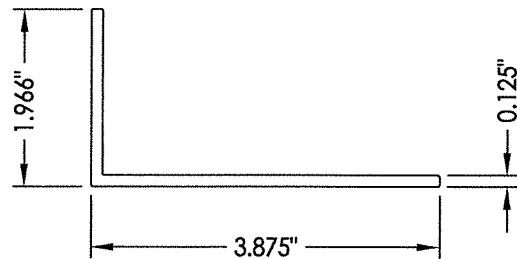


1 **MULLION (6580)**
6063-T6 ALUM

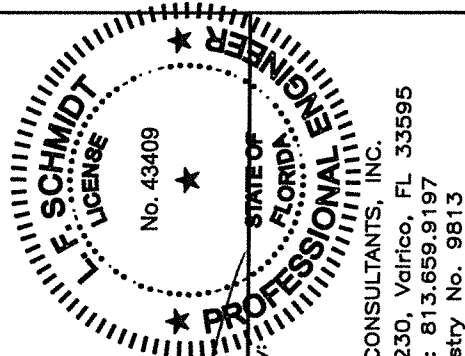
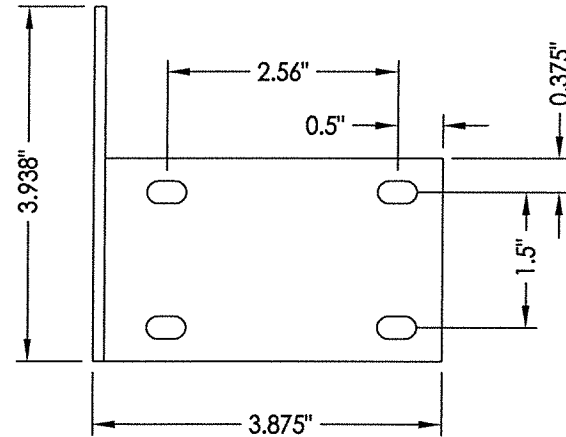
#8 X 1" PH Self-Drilling SMS (See notes below):
Use the frame anchor spacing as shown on
the individual window product approval (The
min. required screw spacing is: 3" from each
end and 24" max. o.c. throughout).



1 **HORIZONTAL CROSS SECTION**
2 6580 Mullion to Window Connection

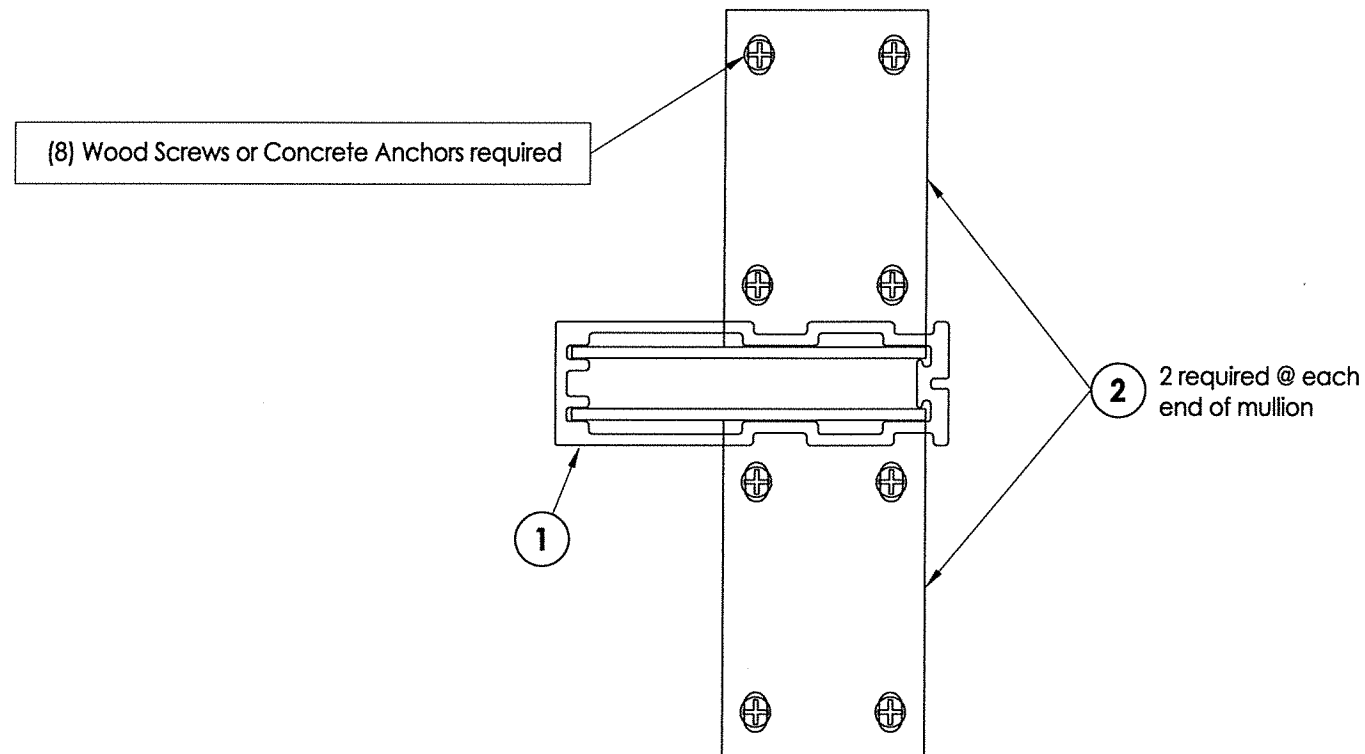


2 **MULLION ANCHOR BRACKET (F-6150)**
6063-T6 ALUM



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PRODUCT:		CLIPPED MULLION	
PART OR ASSEMBLY:		COMPONENT DETAILS & CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
1	7/29/20	LFS	UPDATE TO 7TH ED (2020) FBC
DATE: 10/24/19		SCALE: N.T.S.	
DWG. BY: RW		CHK. BY: LFS	
DRAWING NO.: FL-15417.11		SHEET 2 OF 5	

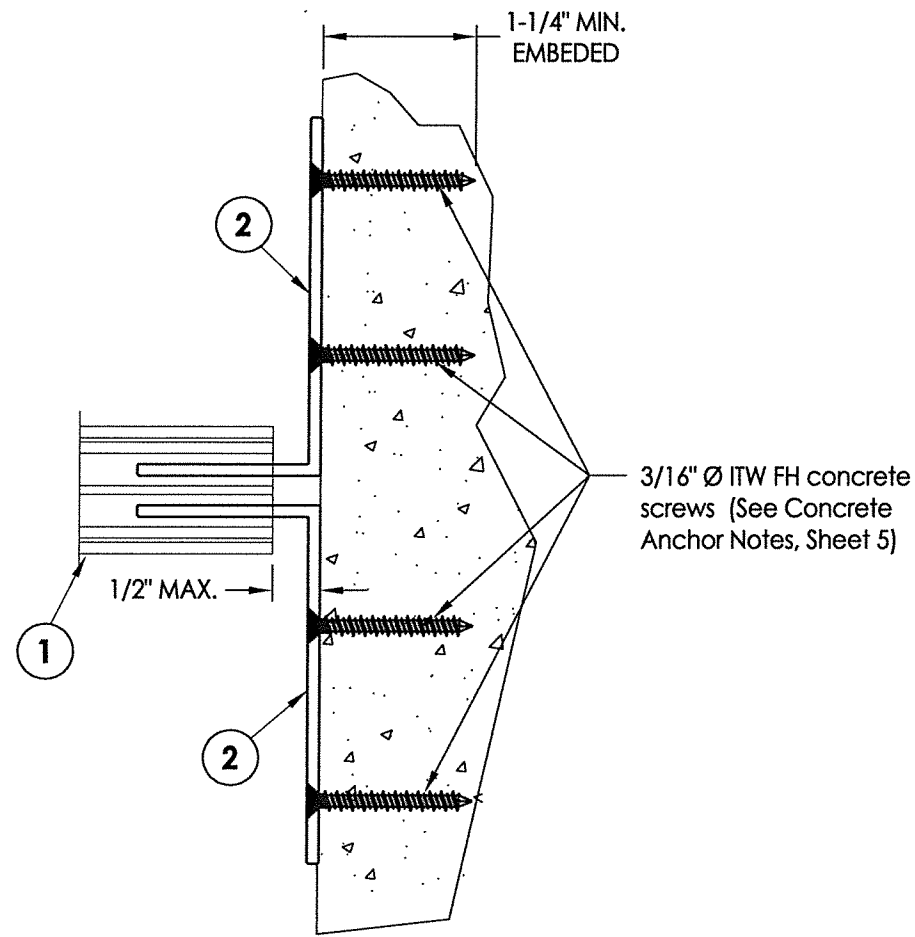
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1. Design pressure table is applicable only for the anchor bracket and anchors specified on this sheet. Refer to Sheet 7 for cross section details.

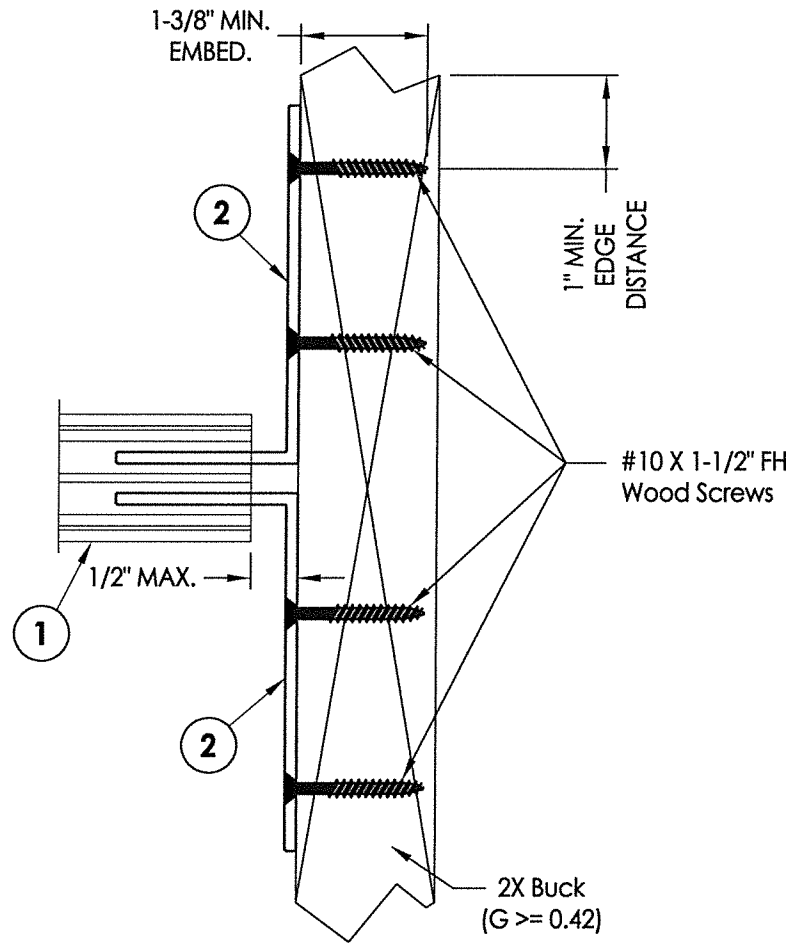
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R:\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15417 Windows - Mullions\C - Drawings\FL 15417 (2020) R7\FL-15417.10-12.dwg, 4-12

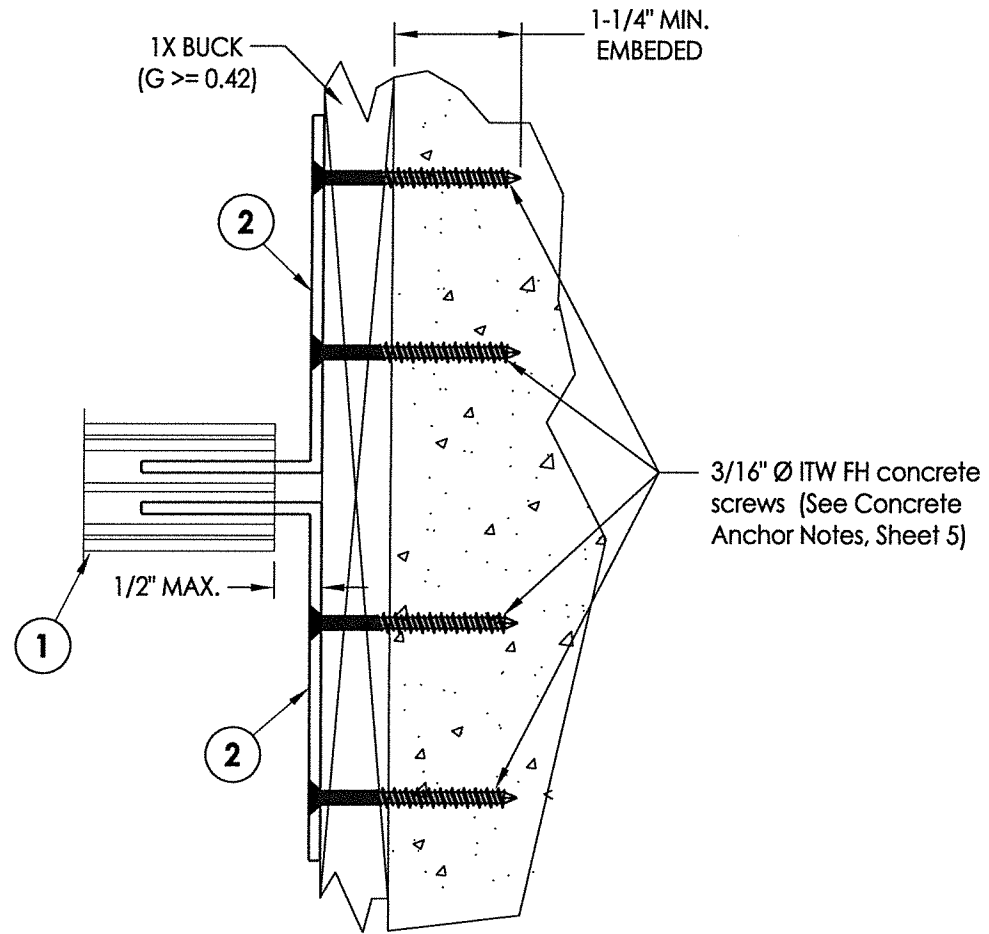
Note:
1. Window units not shown for clarity (TYP.)



2 CONCRETE ANCHOR BRACKET DETAIL
4 Anchor Direct to Masonry



1 WOOD ANCHOR BRACKET DETAIL
4 Anchor to 2x Buck



3 CONCRETE ANCHOR BRACKET DETAIL
4 Anchor to 2x Buck

FLORIDA
SCHMIDT
LICENSE
No. 43409

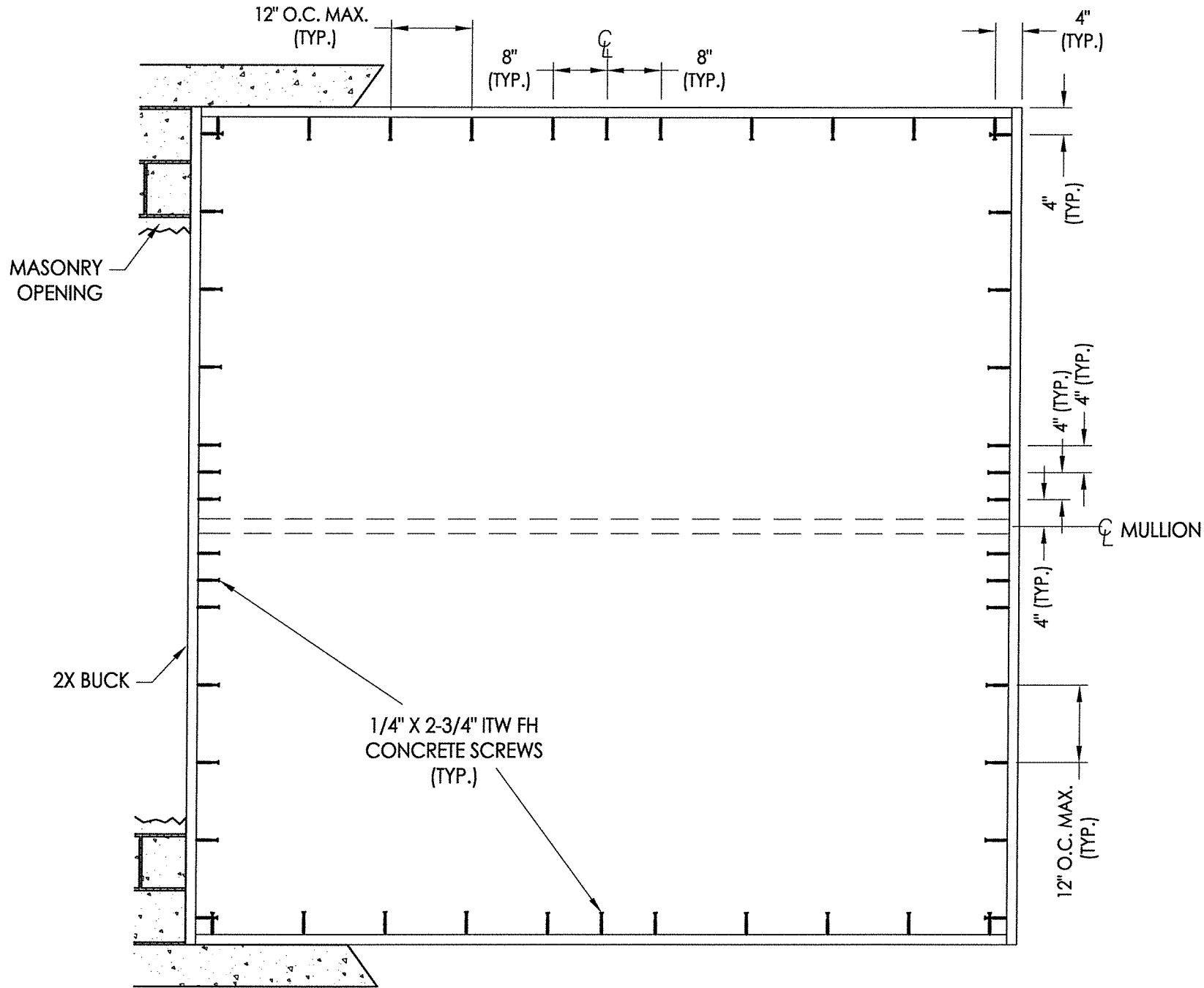
STATE OF
FLORIDA
PROFESSIONAL
ENGINEER

July 29, 2020

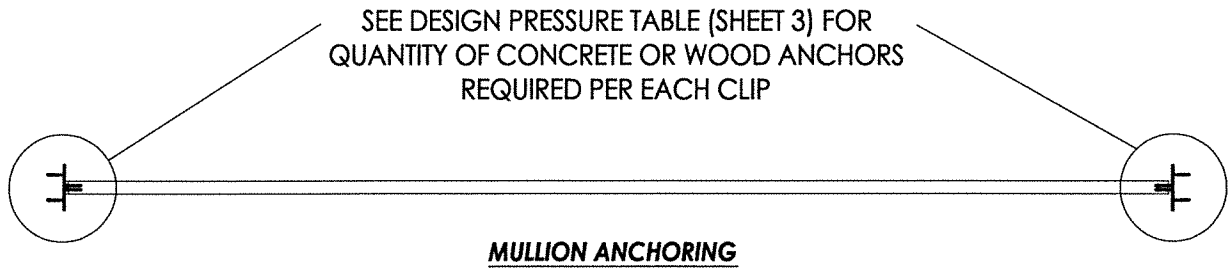
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PRODUCT:		CLIPPED MULLION	
PART OR ASSEMBLY:		ANCHOR BRACKET DETAILS	
NO.	DATE	BY	REVISIONS
1	7/29/20	UPDATE TO 7TH ED (2020) FBC	LFS
DATE: 10/24/19			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-15417.11			
SHEET 4 OF 5			



2X BUCK ANCHORING



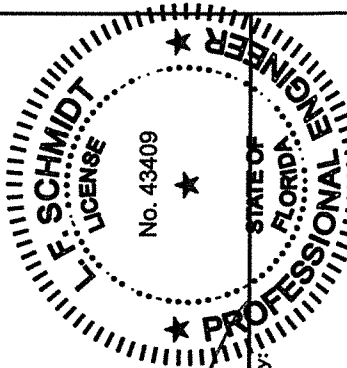
MULLION ANCHORING

CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If 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" dimensions 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®	3/16"	1-1/4"	2"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"

4. Concrete shall be 3,000 PSI conforming to ACI 301 or hollow block conforming to ASTM C90.



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PRODUCT:		CLIPPED MULLION	
PART OR ASSEMBLY:		BUCK ANCHORING	
DATE:		10/24/19	
SCALE:		N.T.S.	
DWG. BY:		RW	
CHK. BY:		LFS	
DRAWING NO.:		FL-15417.11	
SHEET		5	OF 5