



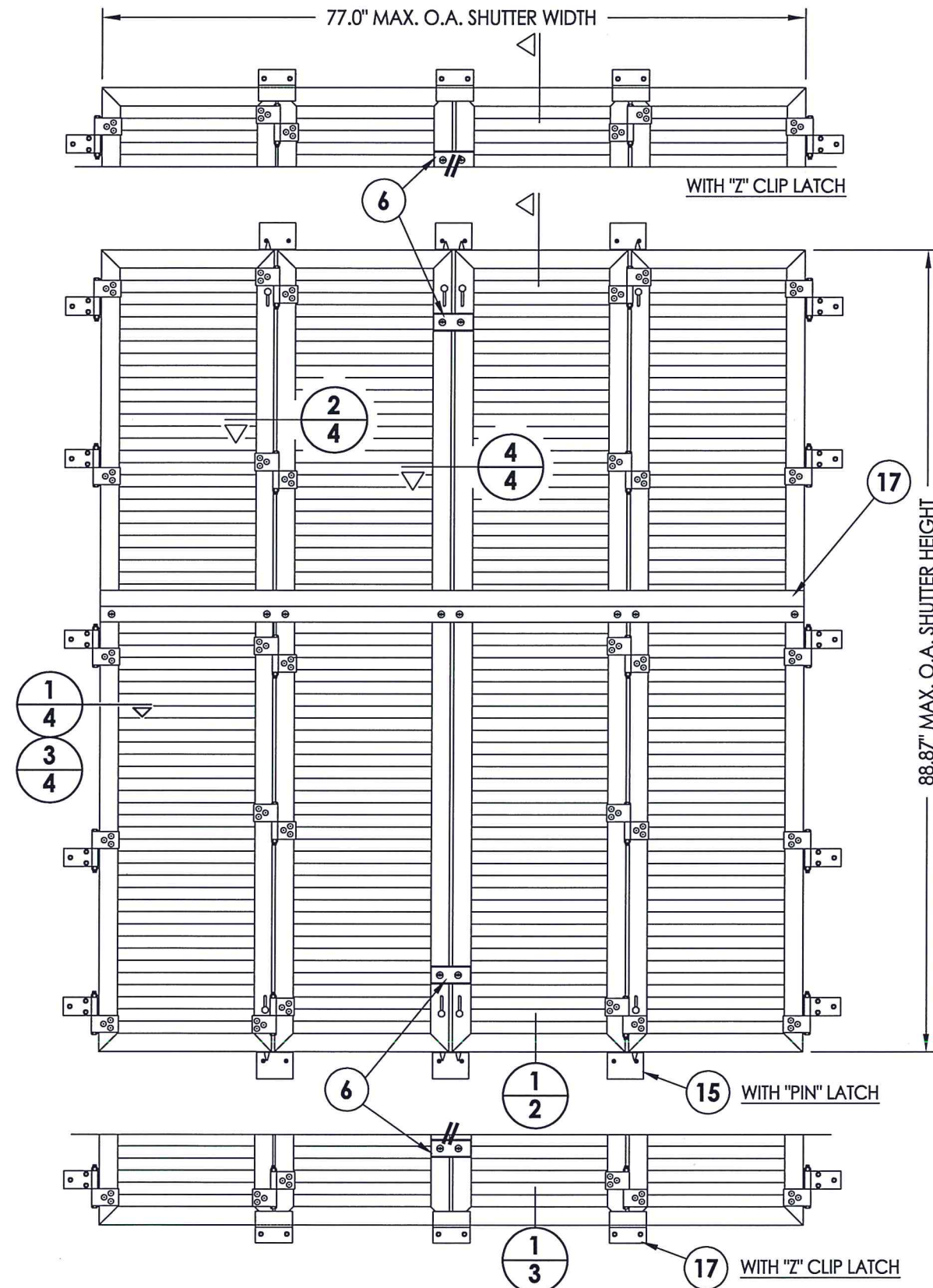
EXTRUDED ALUMINUM COLONIAL HURRICANE SHUTTER "IMPACT"

GENERAL NOTES

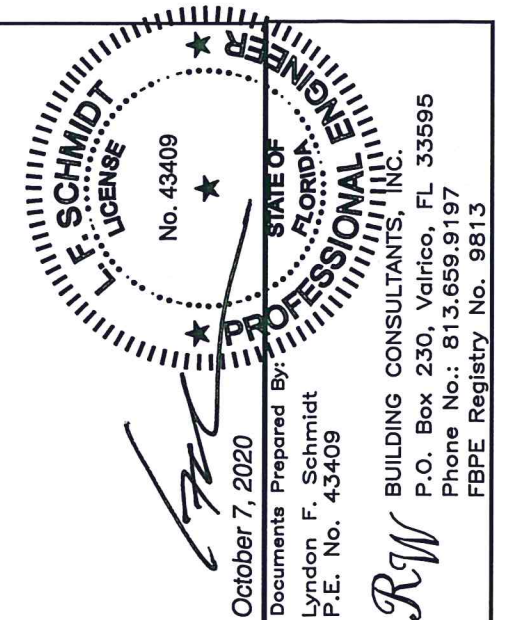
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection, this product 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.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. Aluminum shutter material shall be 6063-T6.
6. The Engineer or Architect of Record is responsible for determining the wind loads for any specific application and to determine that the existing structure is capable of withstanding the loads imposed by the shutter system.

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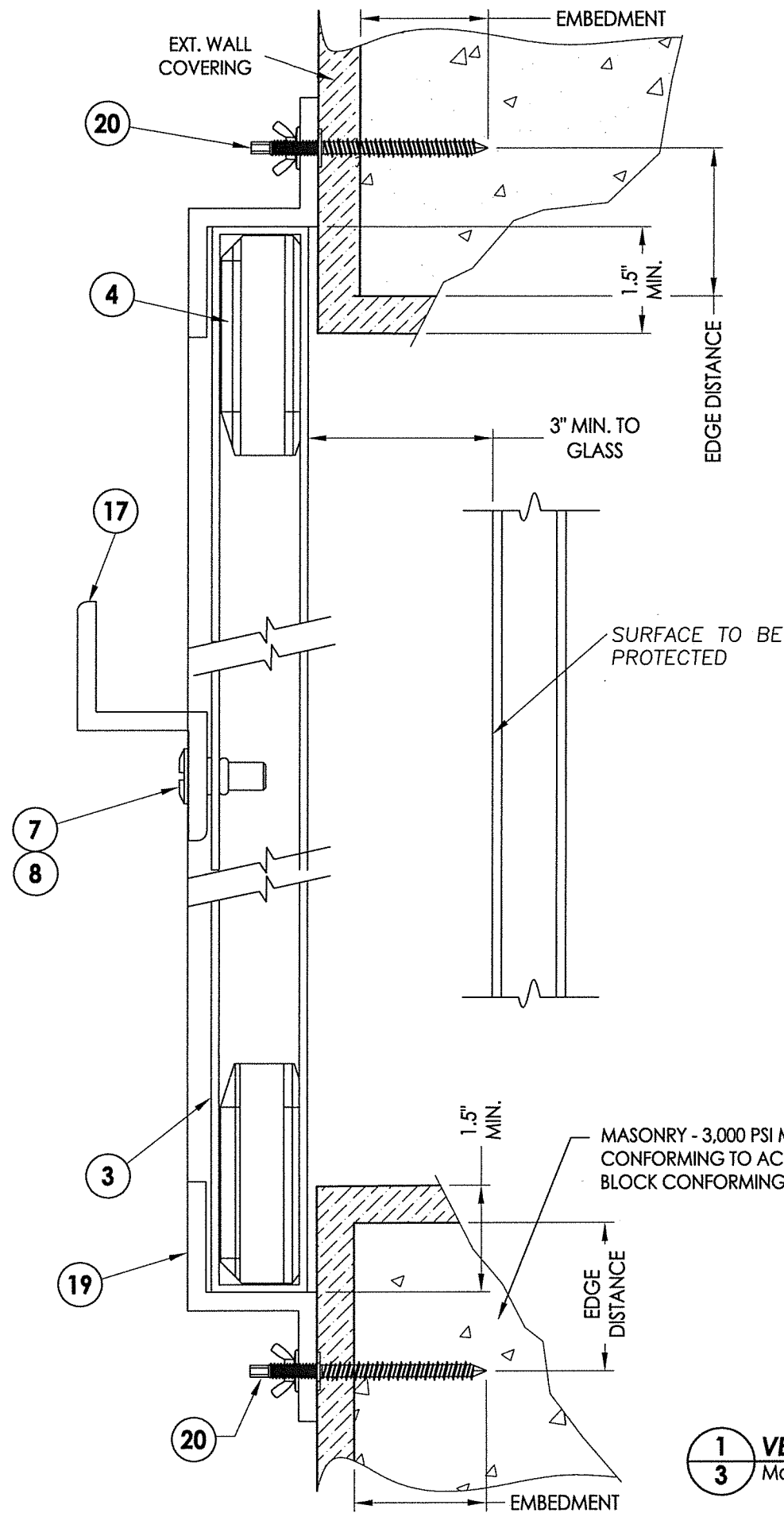
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Vertical cross sections masonry & stud construction
3	Vertical cross sections masonry & stud construction
4	Horizontal cross sections masonry & stud construction
5	Anchoring locations masonry and stud installation
6	Anchoring locations masonry and stud installation
7	Bill of materials & components



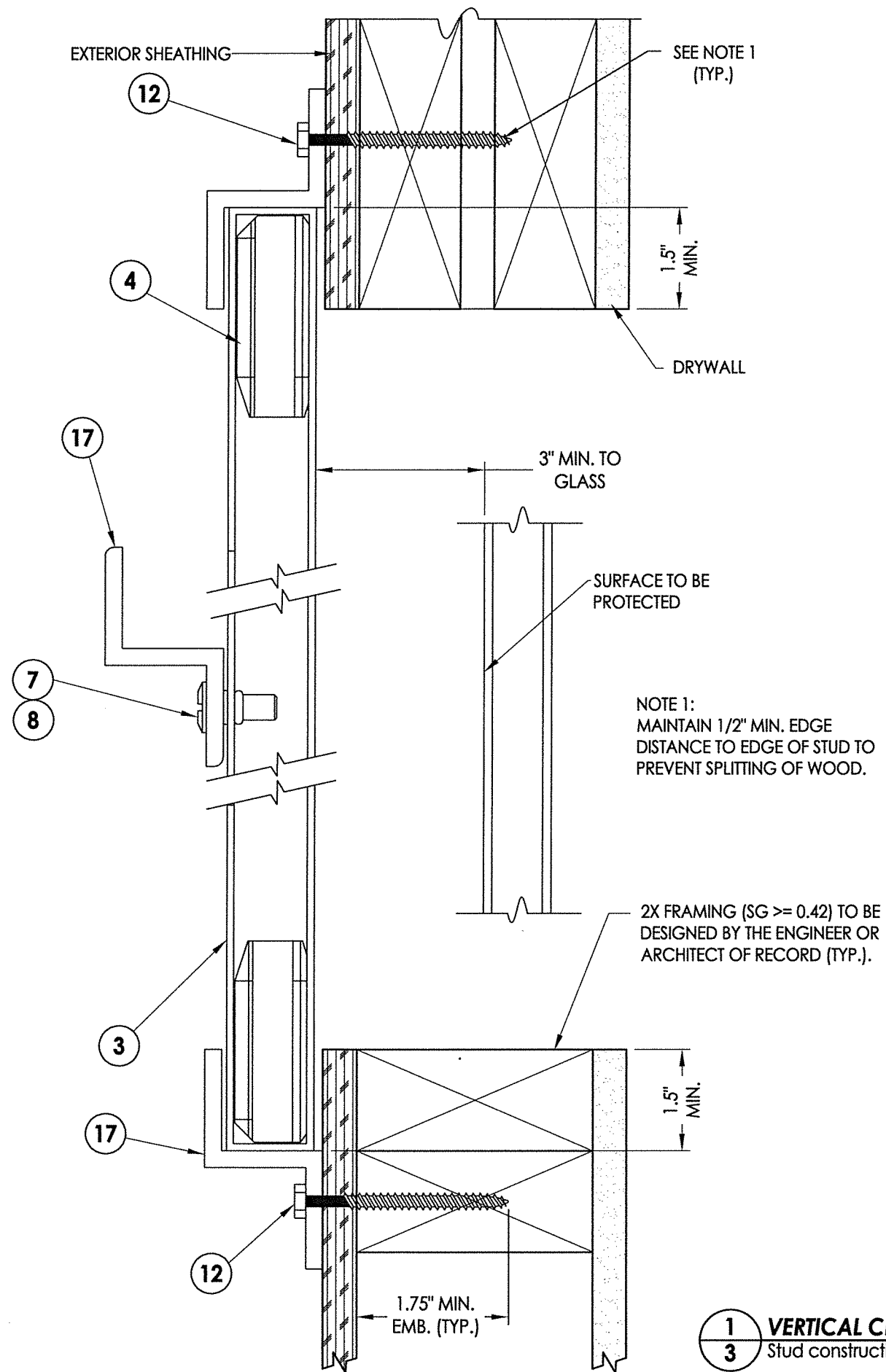
LATCH TYPE	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
"PIN"	77.0" X 88.87"	+65.0	-65.0
"Z" CLIP	77.0" X 88.87"	+80.0	-90.0



PRODUCT:		EXTRUDED ALUMINUM COLONIAL HURRICANE SHUTTER	
PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DATE	NO.	DATE	BY
10/05/20	1	10/05/20	LFS
REVISIONS			
DATE: 2/05/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17474.1			
SHEET 1 OF 7			

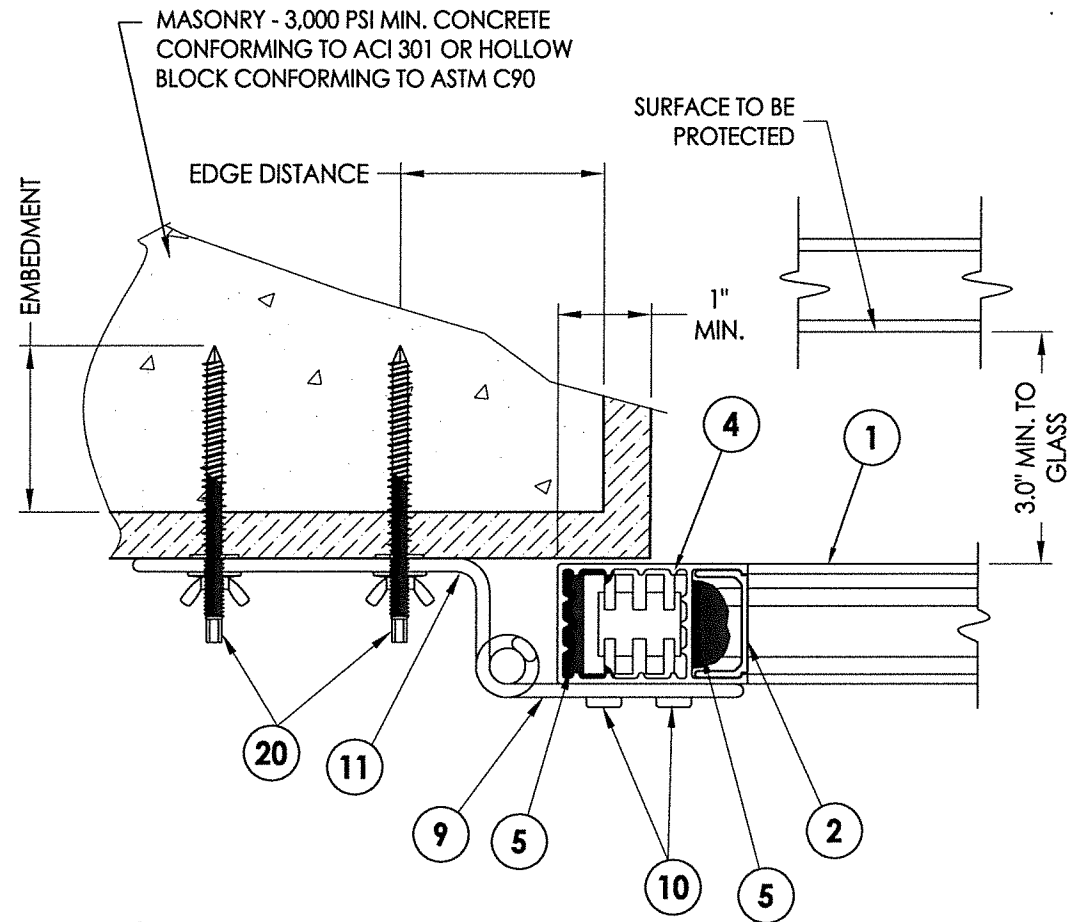


1 VERTICAL CROSS SECTION
3 Masonry construction

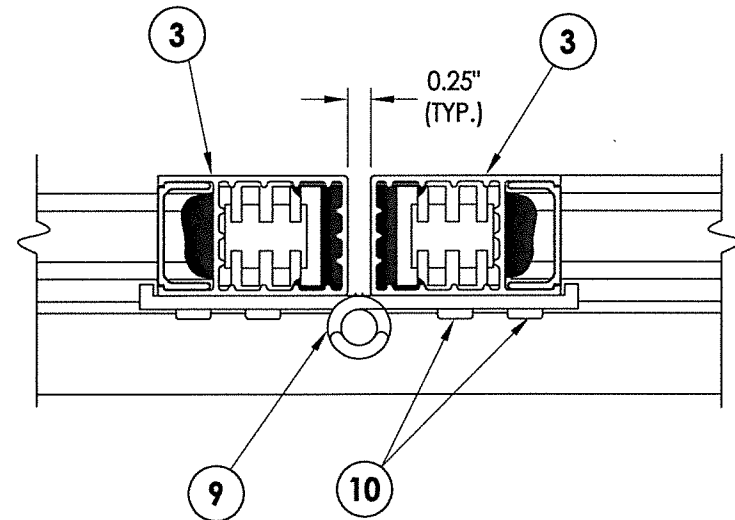


1 **VERTICAL CROSS SECTION**
3 Stud construction

[illegible]

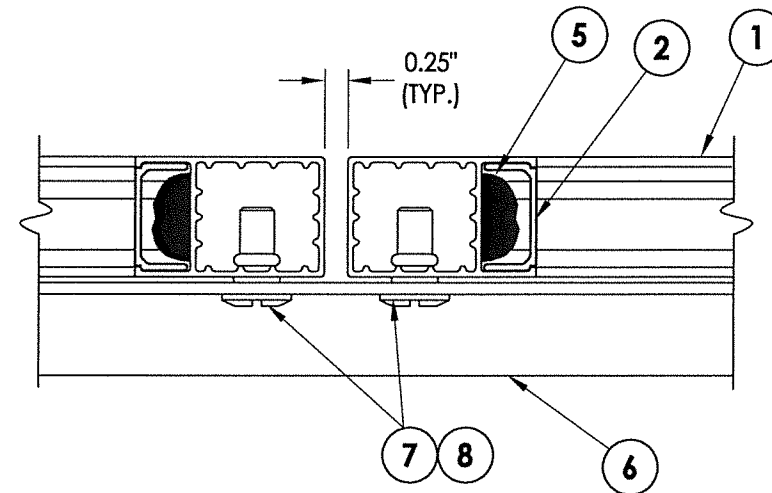


1
4 **HORIZONTAL CROSS SECTION**
Masonry construction

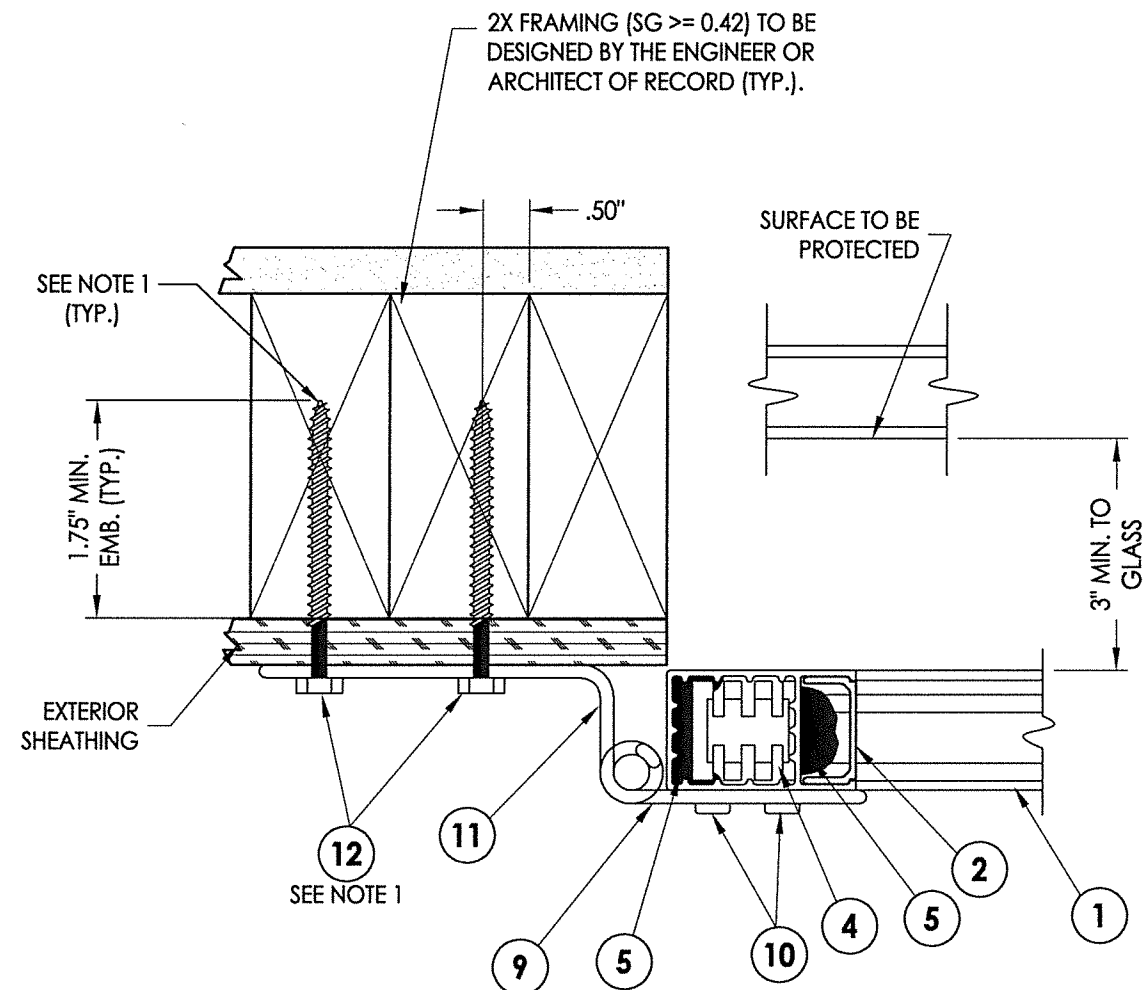


2
4 **HORIZONTAL CROSS SECTION**
Stud construction

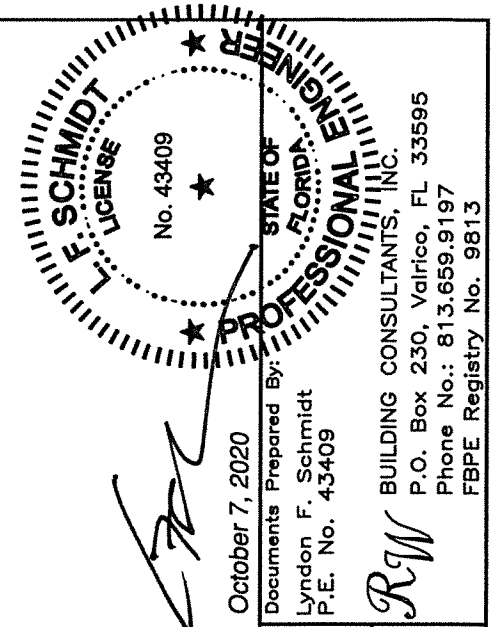
NOTE 1:
MAINTAIN 1/2" MIN. EDGE DISTANCE TO EDGE OF
STUD TO PREVENT SPLITTING OF WOOD.



4
4 **HORIZONTAL CROSS SECTION**



3
4 **HORIZONTAL CROSS SECTION**
Stud construction



October 7, 2020

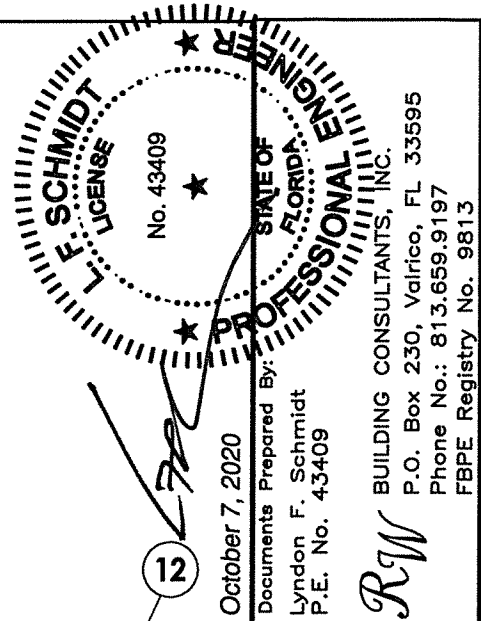
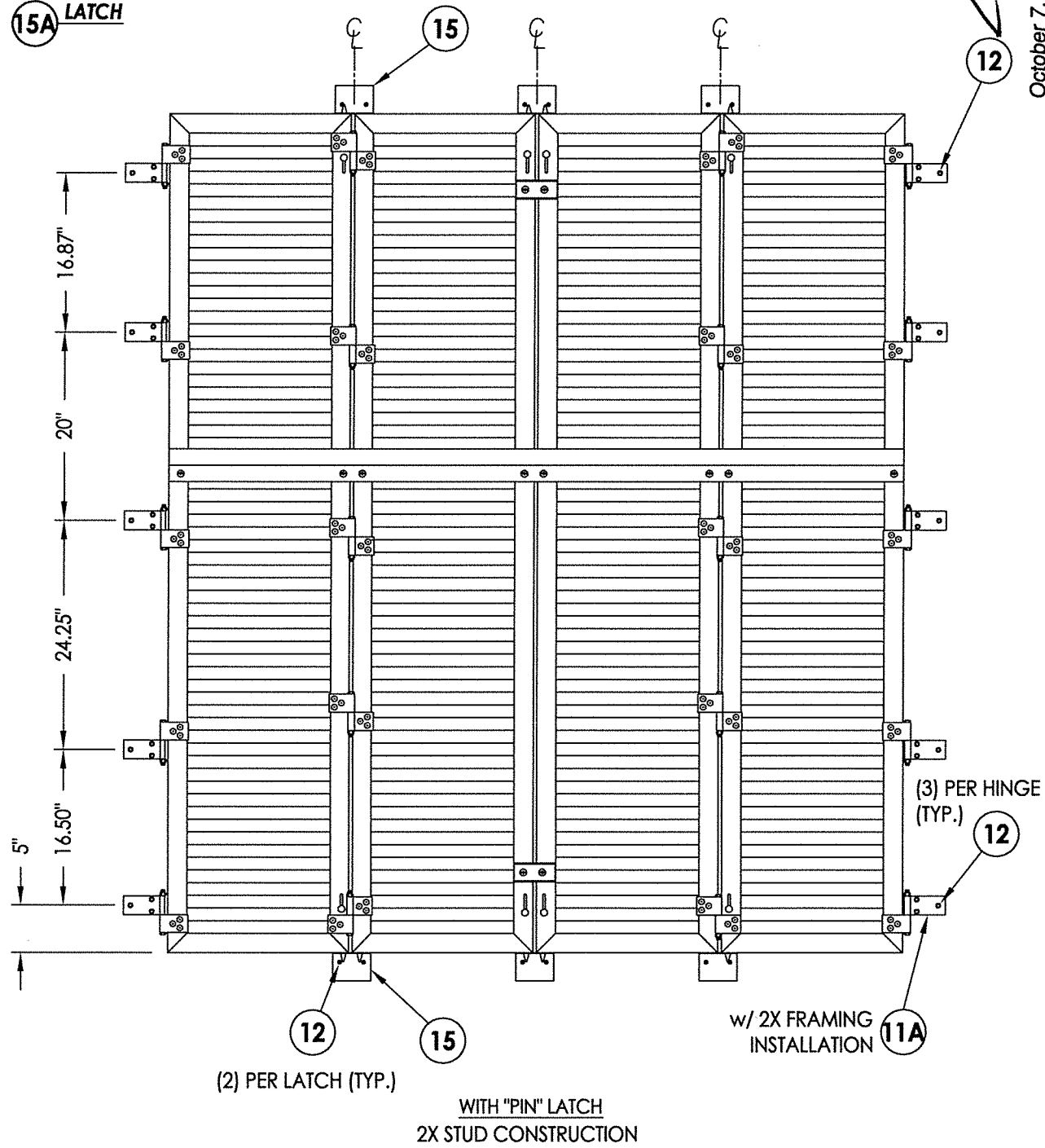
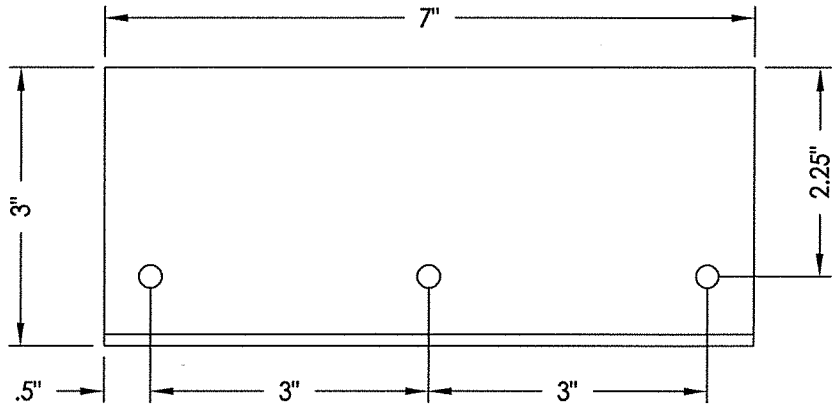
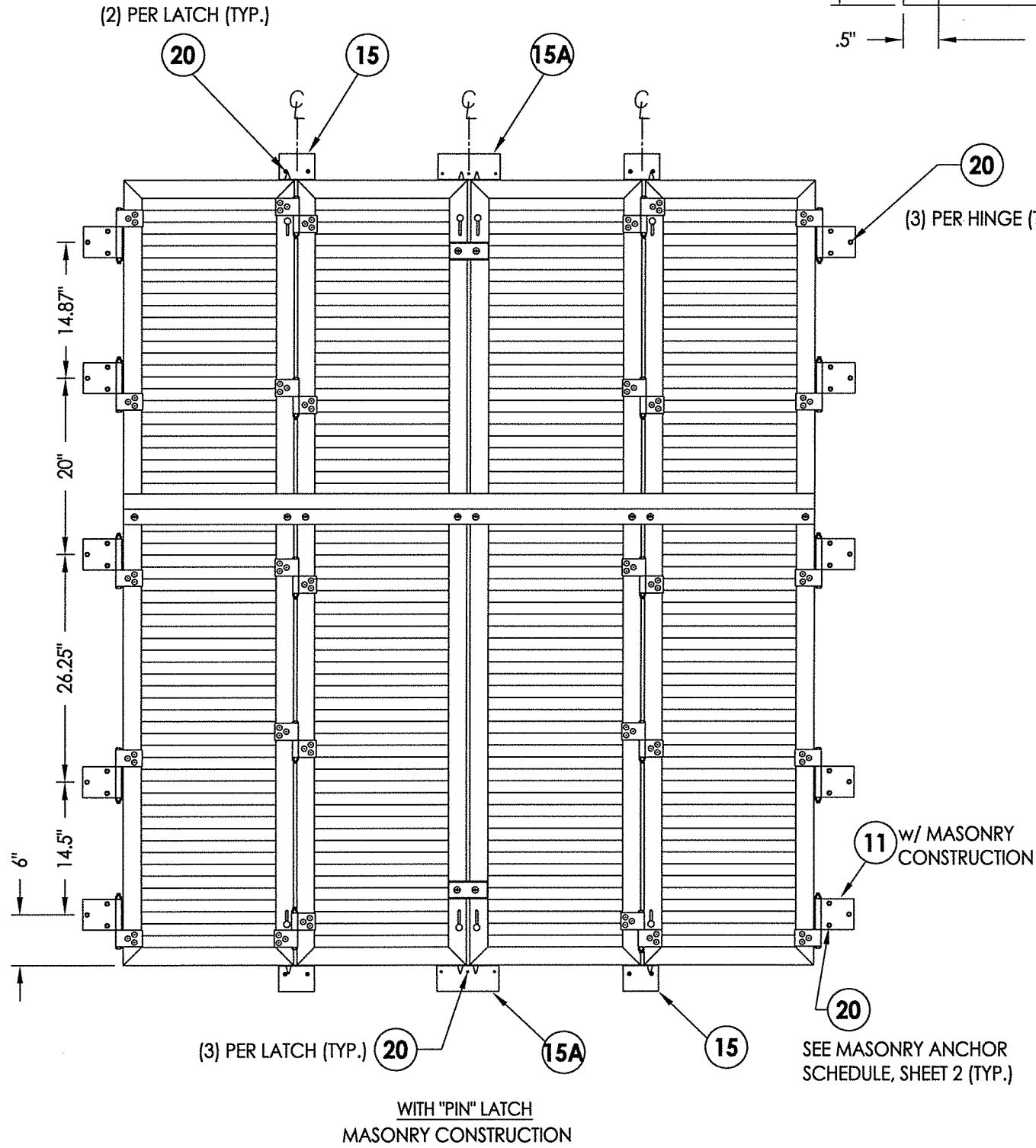
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:
EXTRUDED ALUMINUM
COLONIAL HURRICANE SHUTTER
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS
MASONRY & STUD CONSTRUCTION

NO.	DATE	REVISIONS	LFS	BY
1	10/05/20	UPDATE TO 7TH ED. (2020) FBC		

DATE: 2/05/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-17474.1
SHEET 4 OF 7



October 7, 2020

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FBPE Registry No. 9813

PRODUCT:
EXTRUDED ALUMINUM
COLONIAL HURRICANE SHUTTER
PART OR ASSEMBLY:
ANCHORING LOCATIONS
MASONRY & STUD INSTALLATION

NO.	DATE	REVISIONS
1	10/05/20	UPDATE TO 7TH ED. (2020) FBC
LFS	BY	

DATE: 2/05/15

SCALE: N.T.S.

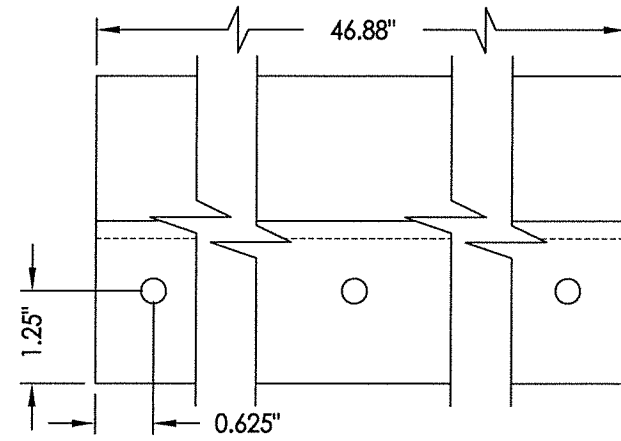
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CHK. BY: LFS

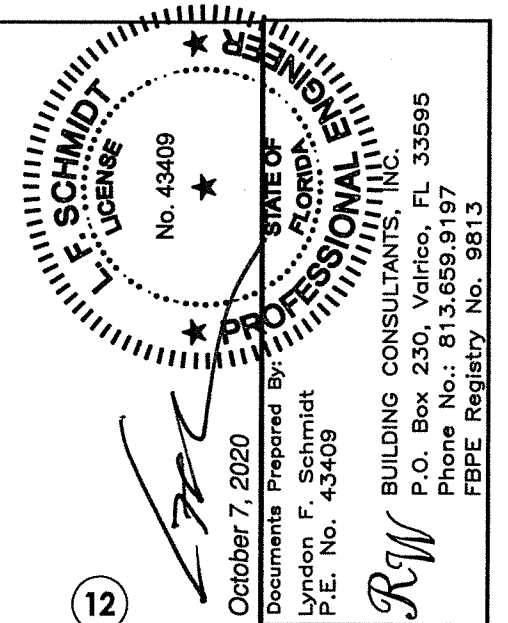
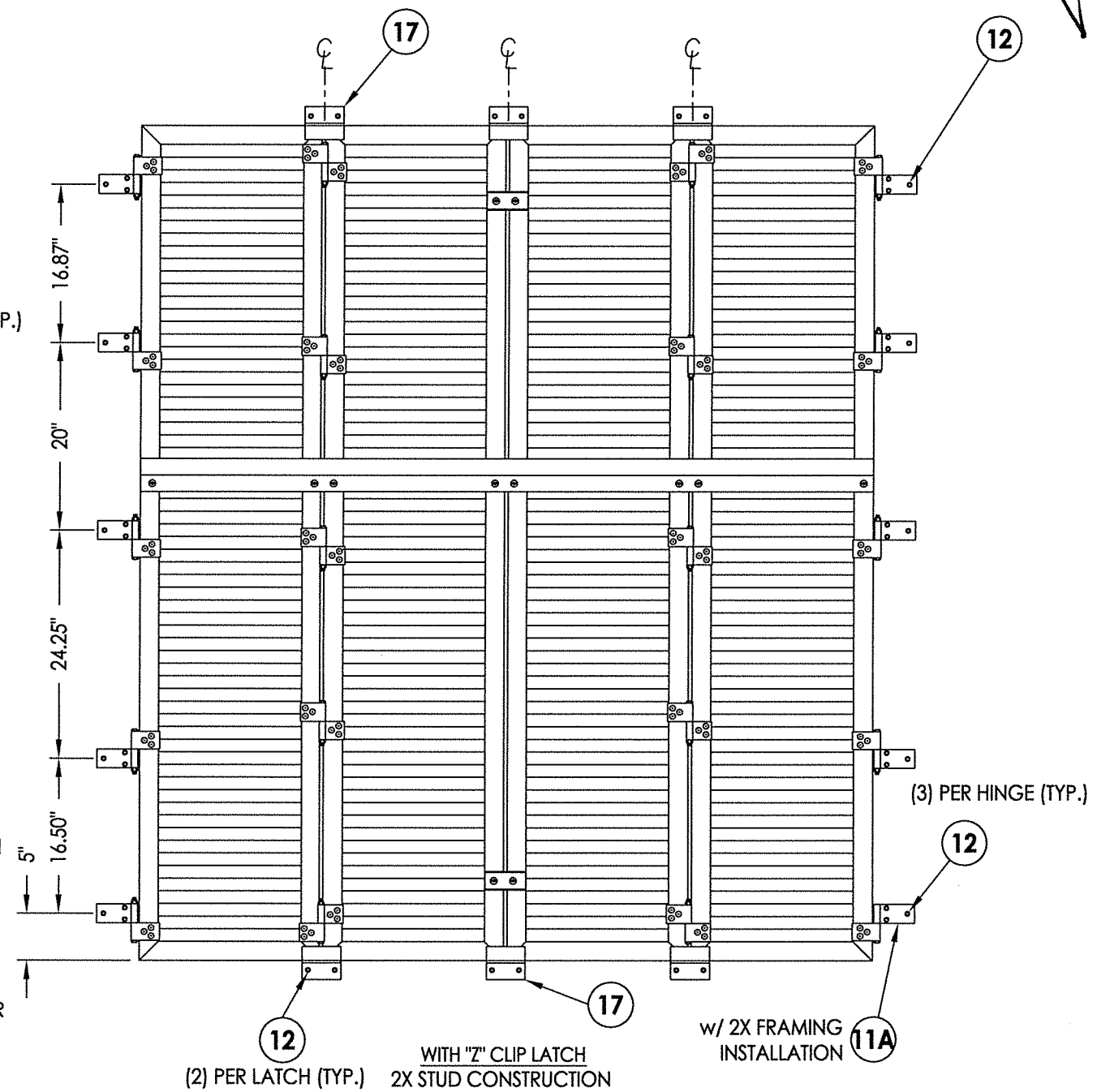
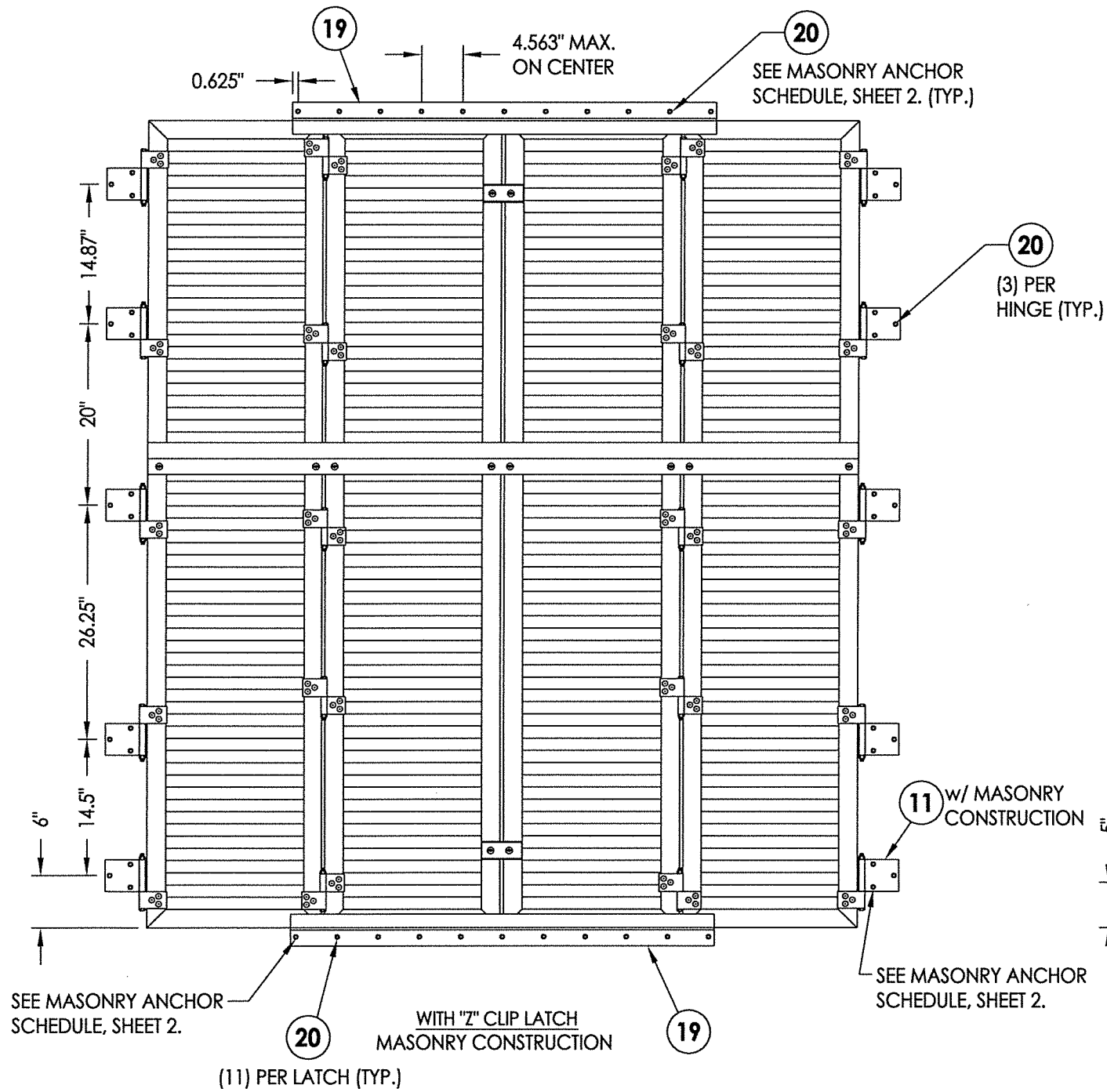
DRAWING NO.:

FL-17474.1

SHEET 5 OF 7

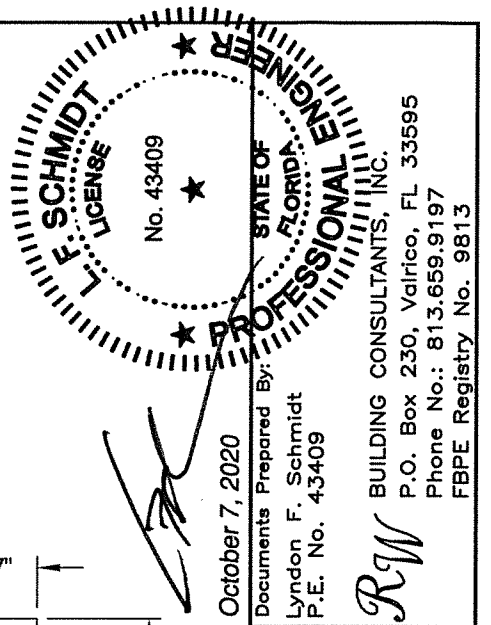
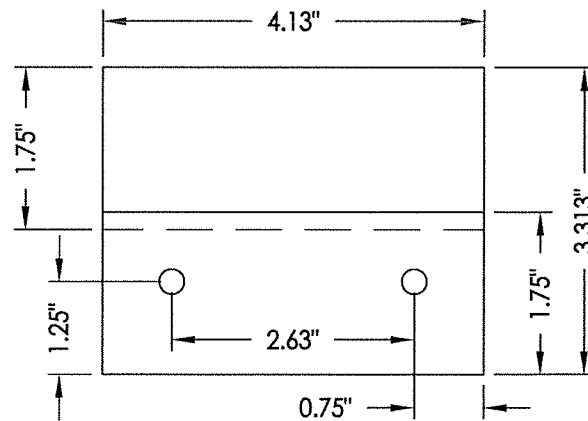
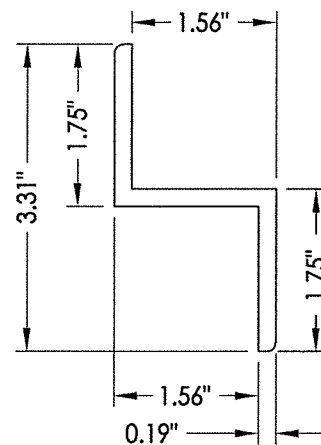
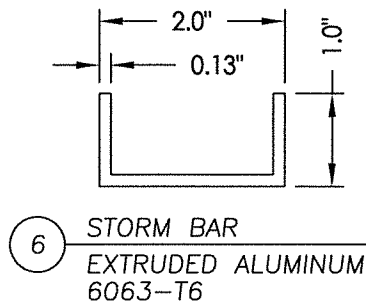
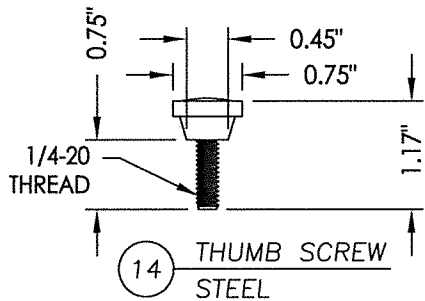
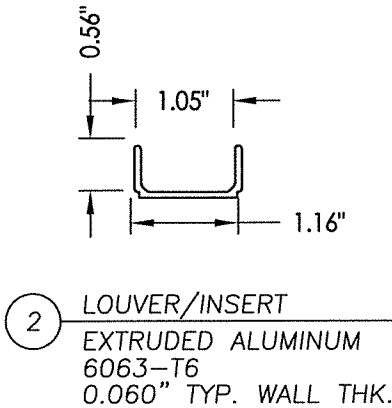
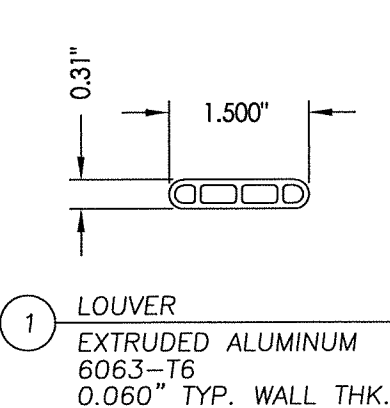
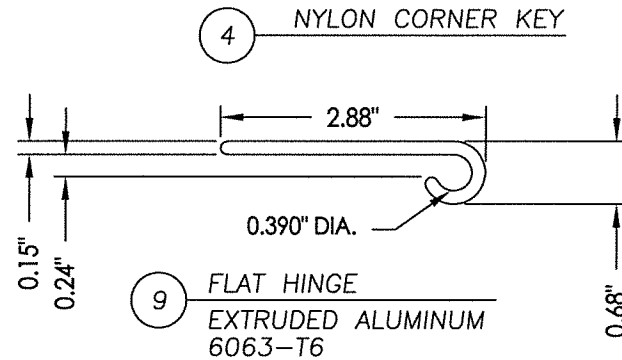
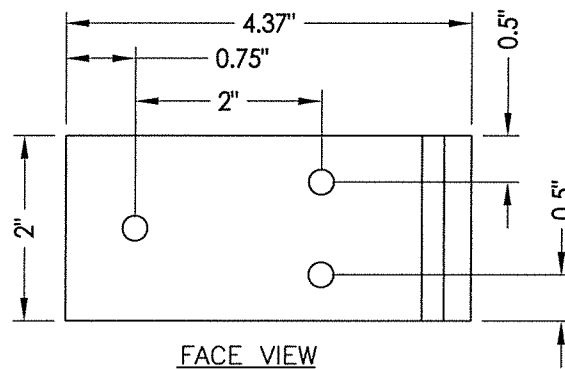
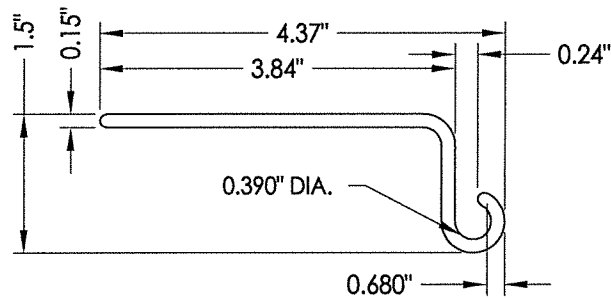
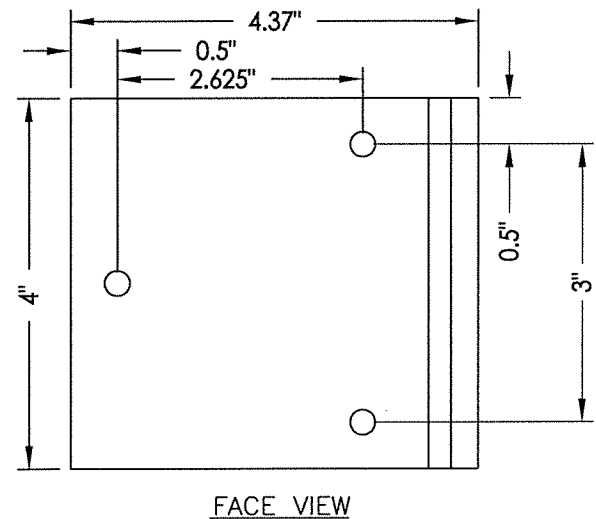
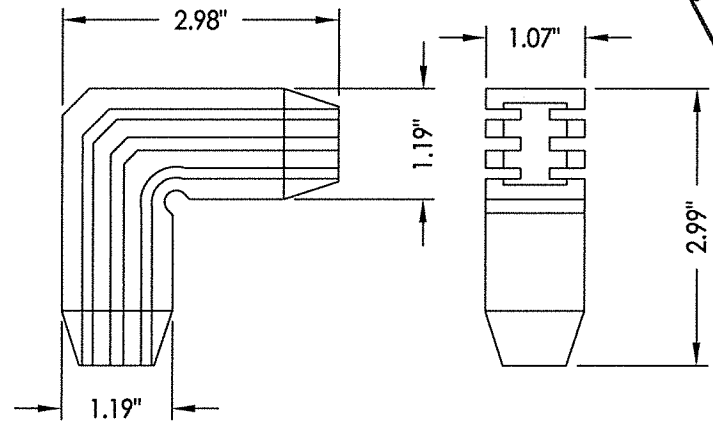
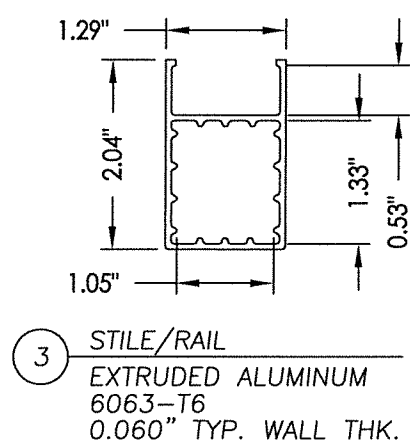
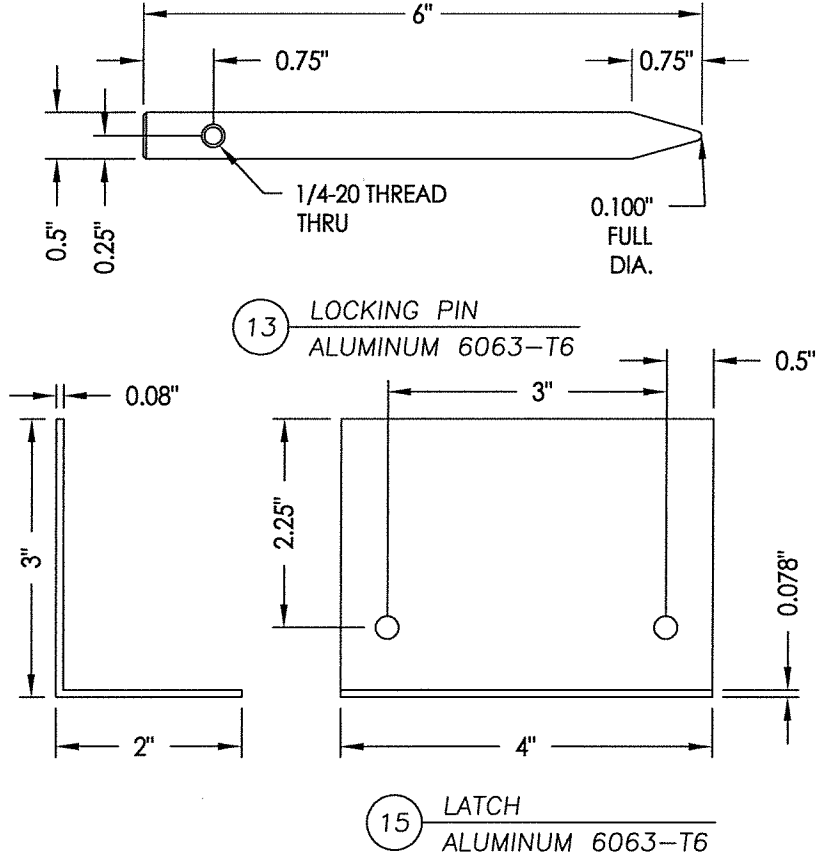


19 "Z" CLIP EXTENDED LATCH
ALUMINUM 6063-T6



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PART OR ASSEMBLY:		ANCHORING LOCATIONS MASONRY & STUD INSTALLATION	
1	10/05/20	UPDATE TO 7TH ED. (2020)	FBC LFS
NO.	DATE		BY
		REVISIONS	
DATE: 2/05/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17474.1			
SHEET 6 OF 7			

BILL OF MATERIALS		
1	LOUVER 6063-T6 0.060"	ALUM.
2	LOUVER/INSERT 6063-T6 0.060"	ALUM.
3	STILE/RAIL 6063-T6 0.060"	ALUM.
4	NYLON CORNER KEY	NYLON
5	STRUCTURAL ADHESIVE	-
6	STORM BAR 6063-T6	ALUM.
7	1/4-20 X 1" SIDEWALK BOLT	STEEL
8	1/4-20 RIV-NUT	ALUM.
9	FLAT HINGE	ALUM.
10	3/16" DIA. POP RIVET	ALUM.
11	SINGLE HINGE MASONRY	ALUM.
11A	SINGLE HINGE WOOD	ALUM.
12	1/4" X 3" H.H. LAG SCREW	STEEL
13	LOCKING PIN	ALUM.
14	THUMB SCREW	STEEL
15	LATCH	ALUM.
17	"Z" CLIP	ALUM.
19	"Z" CLIP EXTENDED LATCH	ALUM.
20	ANCHOR - SEE MASONRY ANCHOR SCHEDULE	STEEL



October 7, 2020

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PRODUCT:
EXTRUDED ALUMINUM
COLONIAL HURRICANE SHUTTER
PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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LFS	BY	

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DRAWING NO.: 17474.1
SHEET 7 OF 7