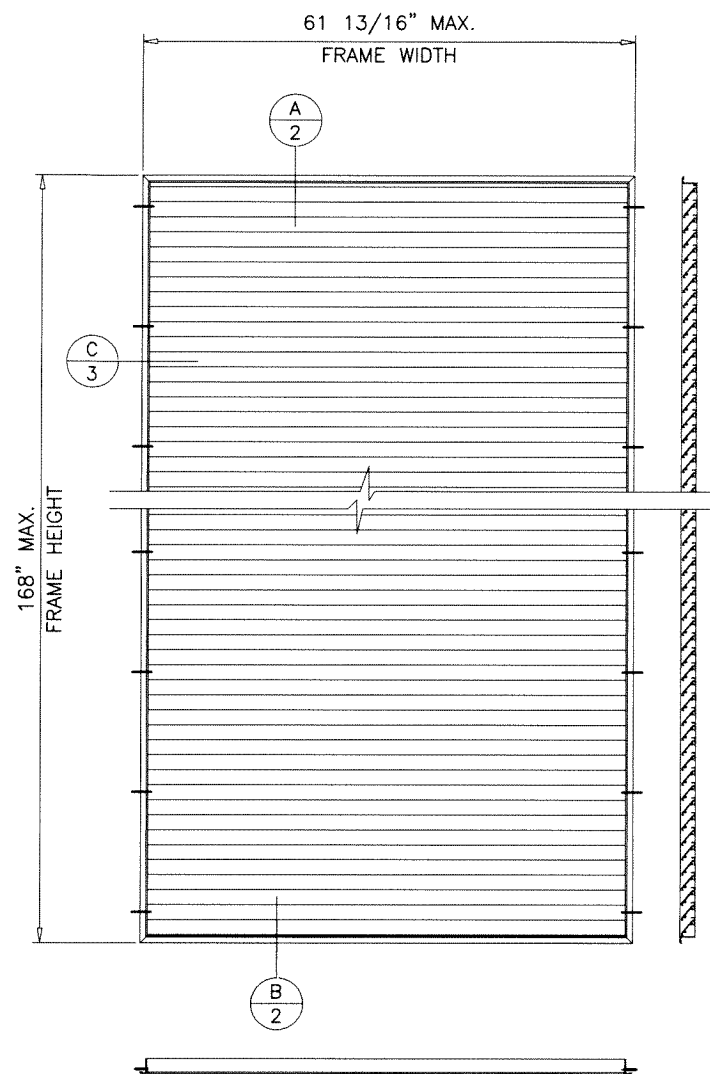
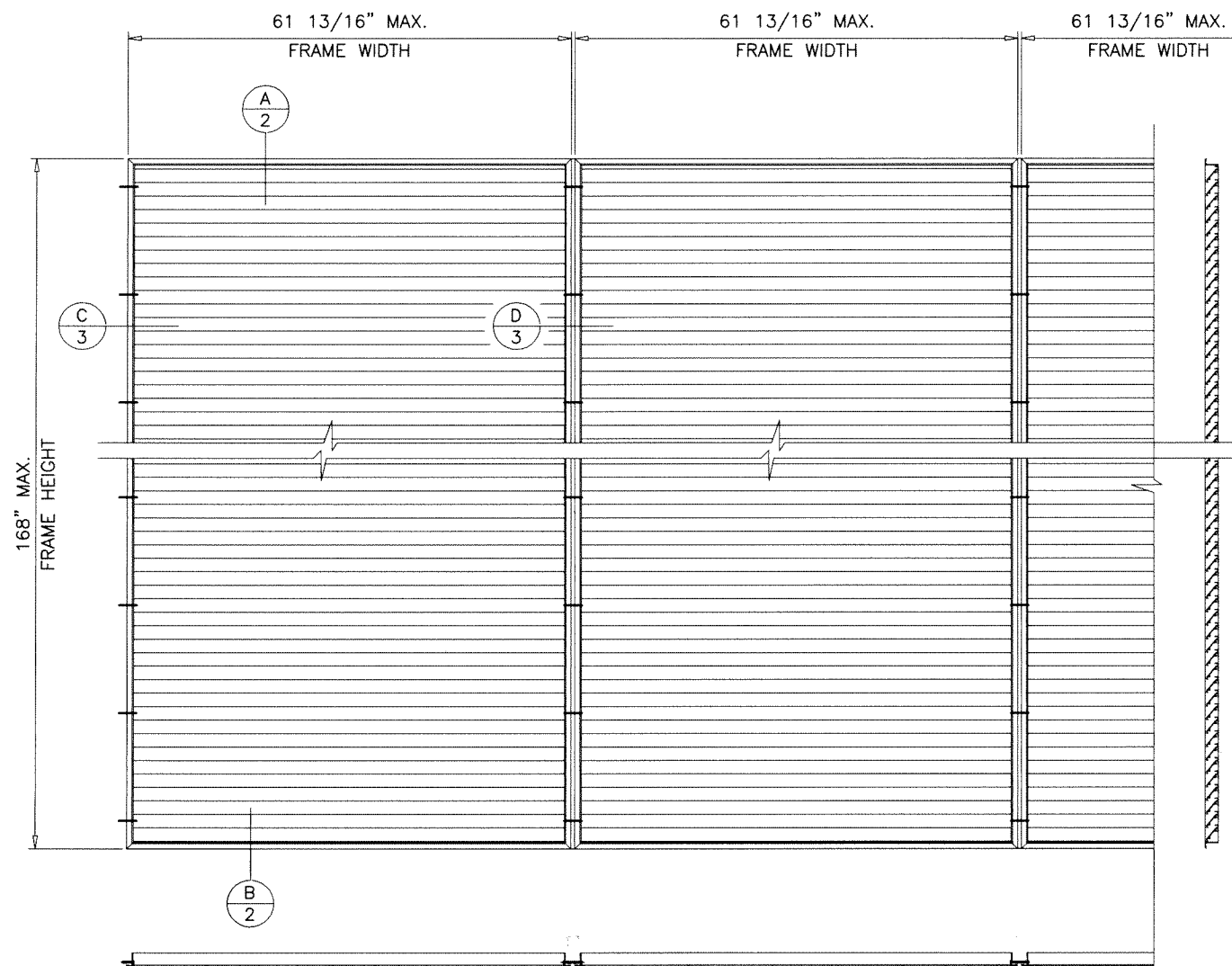




SINGLE UNIT



MULTIPLE UNITS

TYPICAL ELEVATIONS

SERIES MG-450 ALUMINUM LOUVER SYSTEM

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

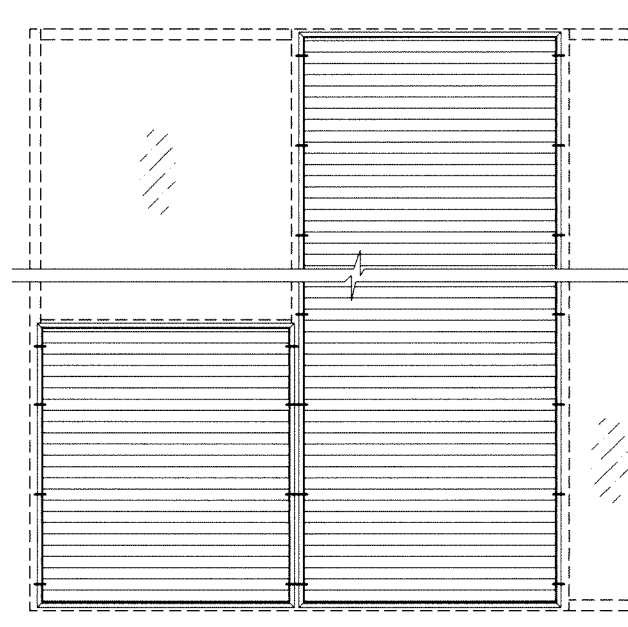
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

LOUVER SYSTEM IS TO BE INSTALLED IN LOCATIONS WHERE THE ROOM BEHIND LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM. THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS OR SUPPLIES.



LOUVERS CAN ALSO BE INSTALLED IN FBC APPROVED WINDOW WALL, DOOR AND WINDOW FRAMES. FOR APPROVED PRODUCTS CAPACITY AND LIMITATIONS SEE SEPARATE APPROVALS. FOR LOUVER CAPACITY SEE BELOW. LOWER VALUES FROM APPROVED PRODUCTS AND LOUVER CAPACITY SHALL APPLY.

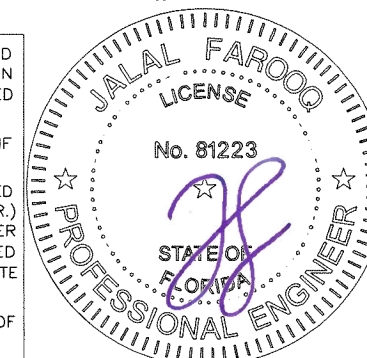
MAX. DESIGN LOAD RATING	
FRAME WIDTH	LOAD CAPACITY
59- 1/2" MAX.	80.0 PSF
61-13/16" MAX.	73.8 PSF

INTERPOLATION BETWEEN WIDTHS ALLOWED

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Sealed: 7/21/2023

FL #39859



A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

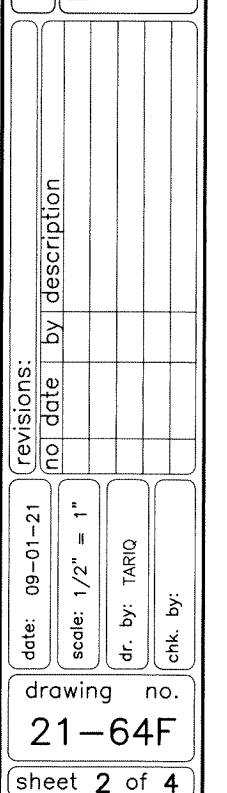
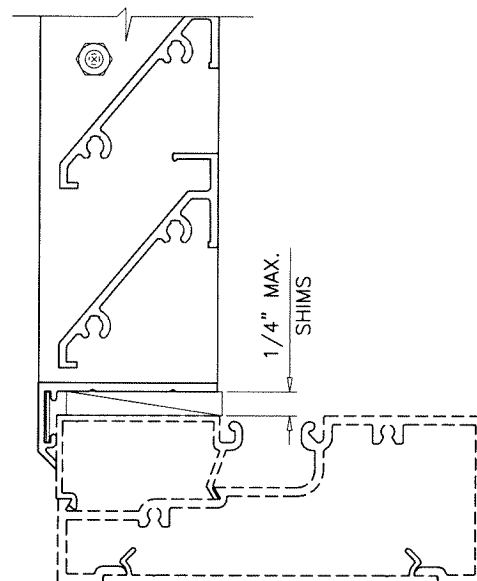
D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

afC
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978

SERIES MG-450 ALUMINUM STATIONARY LOUVERS
MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC
 8051 N.W. 79th Place
 Medley, FL. 33166
 Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	no	date	description	by
	A	07.18.23	UPDATED TO 2023 FBC	
date:	09-01-21	scale:	1/2"=1'-0"	dr. by: TARIQ
				chk. by:
drawing no.	21-64F			
sheet	1 of 4			

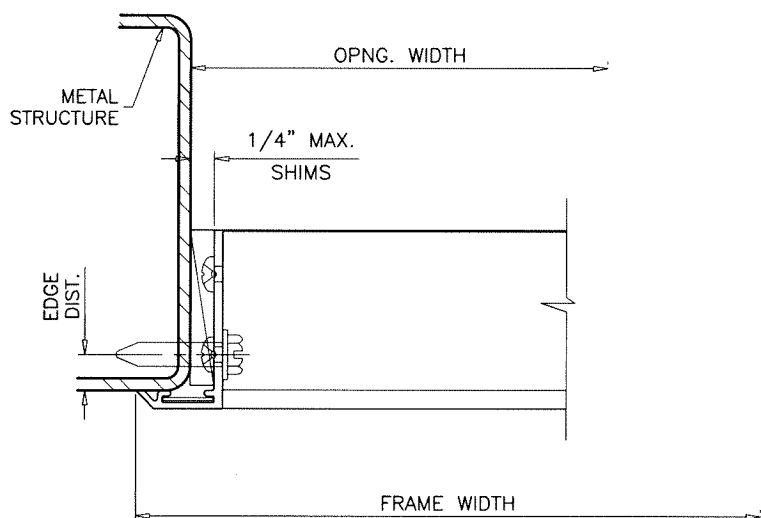
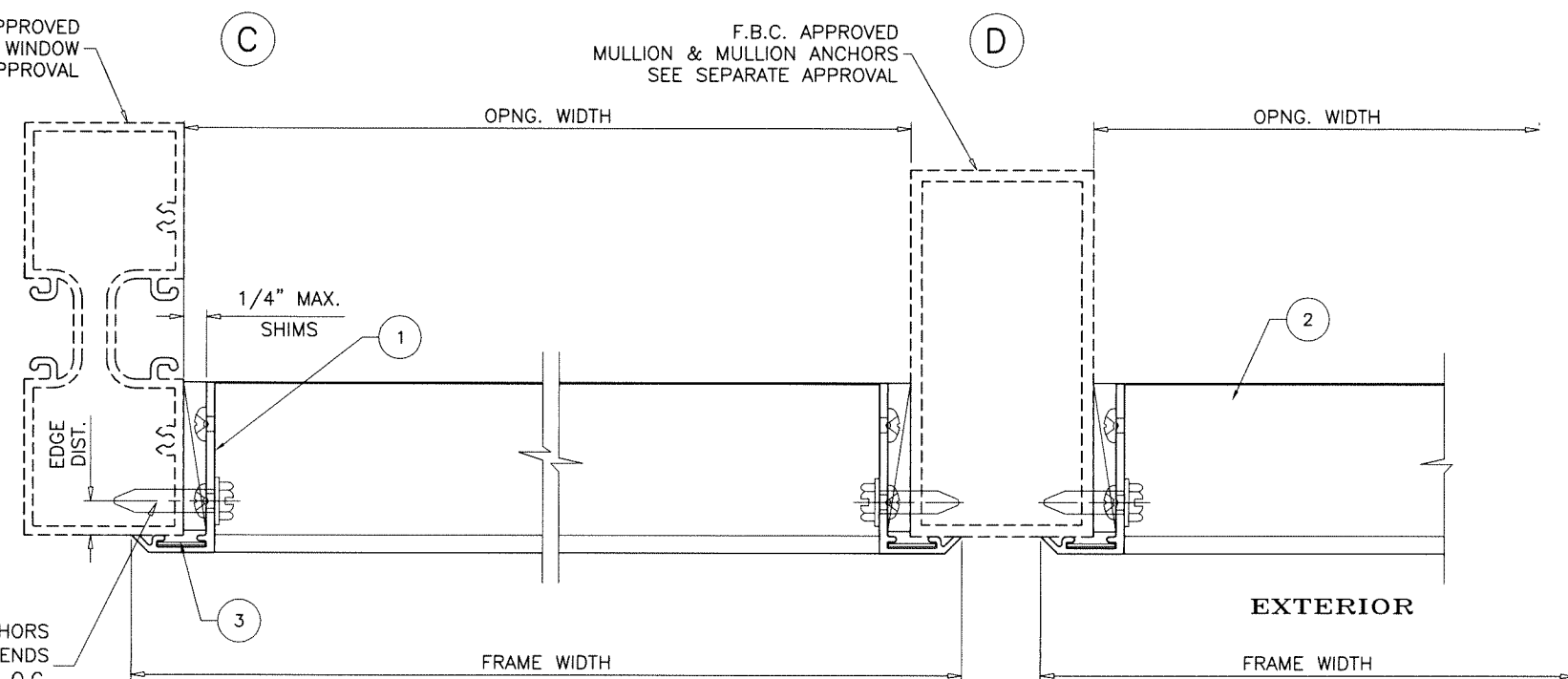
LOUVER\21-64F-MG



F.B.C. APPROVED
WINDOW WALL, DOOR OR WINDOW
SEE SEPARATE APPROVAL

F.B.C. APPROVED
MULLION & MULLION ANCHORS
SEE SEPARATE APPROVAL

JAMB ANCHORS
AT 2-3/4" FROM ENDS
AND 15" O.C.
TYP.



EXTERIOR

Sealed: 7/21/2023

FL #39859



a f c

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MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978

LOUVER\21-64F-MG

SERIES MG-450 ALUMINUM STATIONARY LOUVERS

MR-GLASS DOORS & WINDOWS MANUFACTURING, LLC

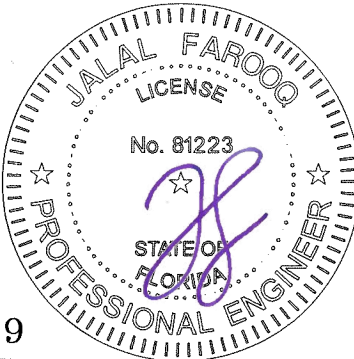
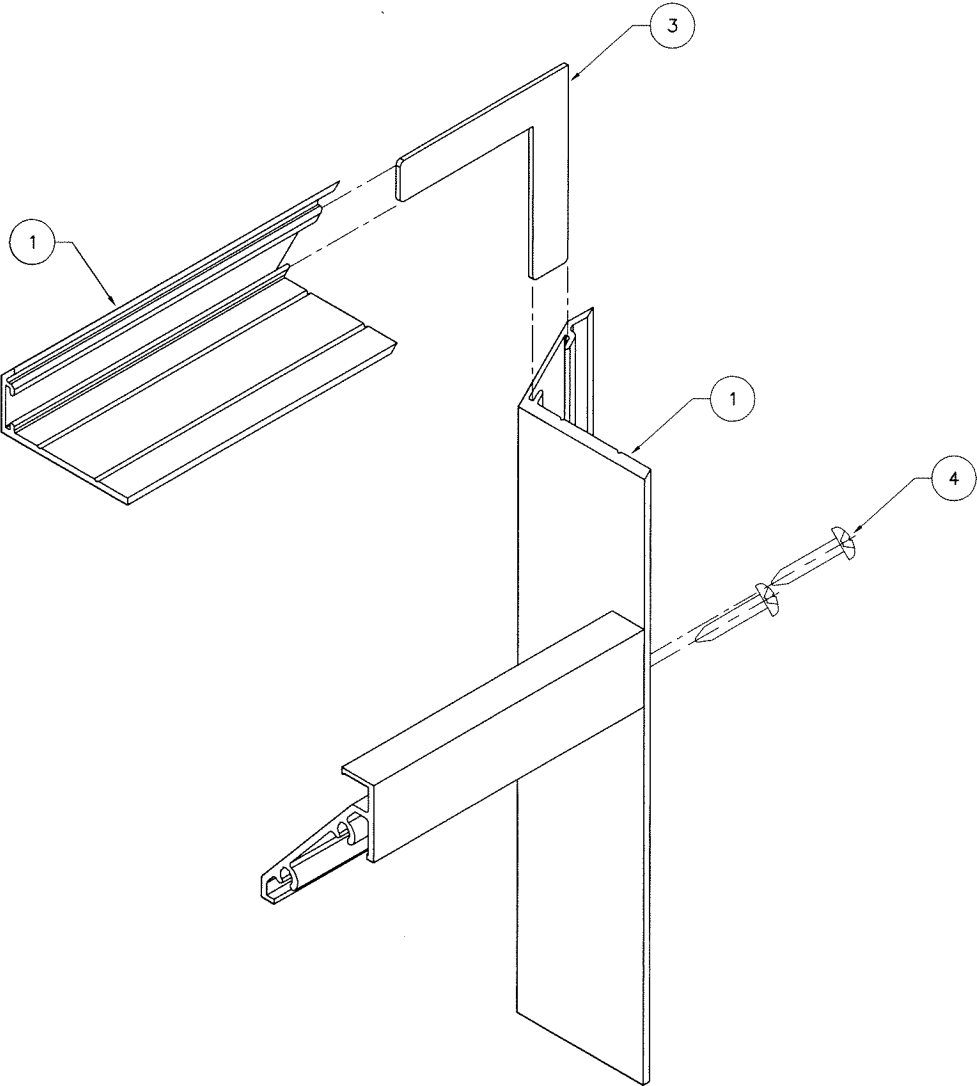
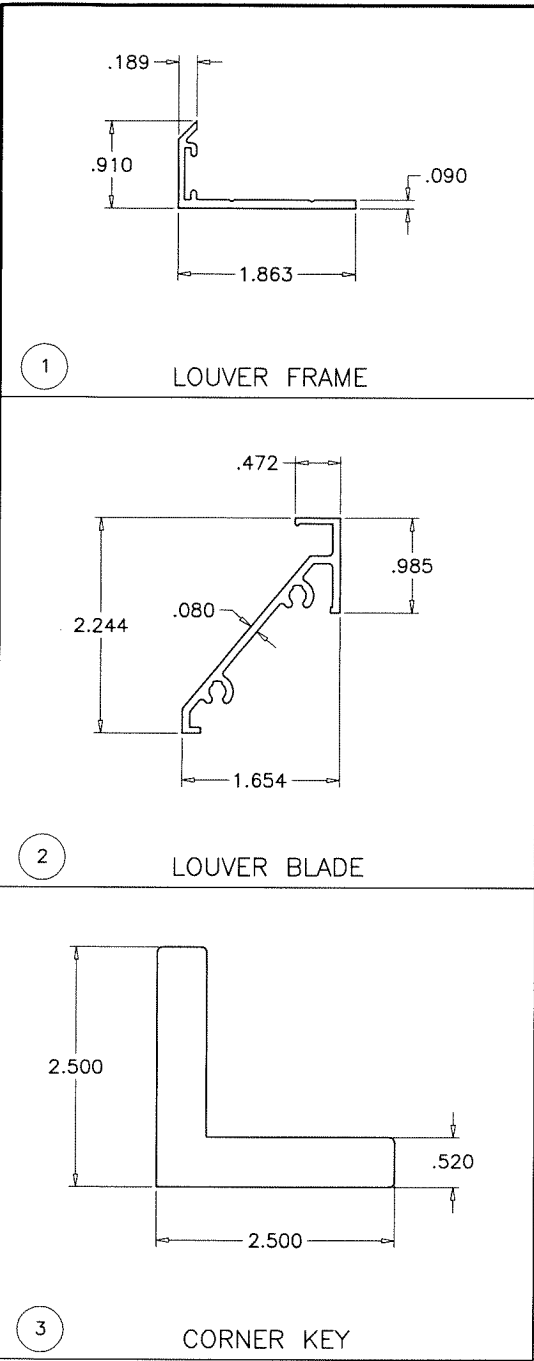
8051 N.W. 79th Place
Medley, FL. 33166
Tel. (305) 764-3963 Fax. (305) 470-8285

revisions:	
no	date

date: 09-01-21	scale: 1/2" = 1"	dr. by: TARIQ	chk. by:
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drawing no.
21-64F
sheet 3 of 4

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E454	AS REQD.	LOUVER FRAME	6063-T6	-
2	E453	AS REQD.	LOUVER BLADE	6063-T6	-
3	A60-04	1/ CORNER	CORNER KEY	ST. STEEL	-
4	#10 X 1"	AS REQD.	ASSEMBLY FASTENERS	-	PH PAN HEAD SMS
5	-	-	-	-	-



Sealed: 7/21/2023

FL #39859

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date: 09-01-21

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

drawing no. **21-64F**

sheet **4** of **4**

LOUVER 21-64F-MG