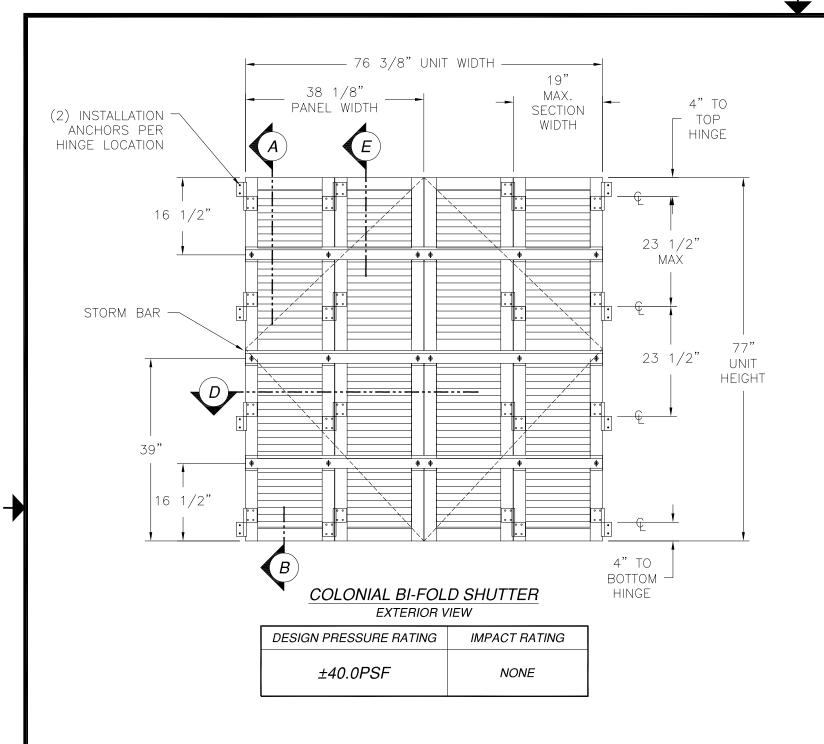
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
В	REVISED PER NEW CODE	08/16/2023	R.L.

NOTES:

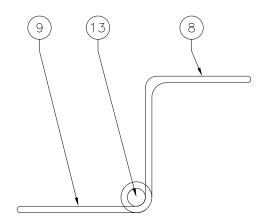
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 4. SHUTTER FRAME AND BLADES MATERIAL: ALUMINUM 6063-T6.
- 5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 6. FOR ANCHORING INTO MASONRY USE 1/4" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/16" MINIMUM EDGE DISTANCE AND 1 3/4" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 7. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK OR THROUGH BRICK VEENER INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SÜBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 8. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCON WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 9. ALL FASTENERS TO BE CORROSION RESISTANT.
- 10. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
- 10.1. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
- 10.2. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
- 10.3. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

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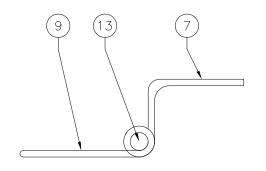
		LAS ENTERPRISES 2413 L & A ROAD METAIRIE, LA 70001				SELOMANIE CENSON
	TABLE OF CONTENTS		COLONIAL SH BI-FOLD NON- NOTES	-IMPACT		* No. 6251 * *
SHEET NO.			DRAWN: DWG NO. REV		ORIDA	
1	NOTES	A.P.	C	8-01681	В	MONAL ENGLIS
2 -4	BILL OF MATERIALS AND COMPONENTS	SCALE NTS	DATE 10/08/12	SHEET 1 OF 7		William Control
4 - 5	CROSS SECTIONS		L. ROBERTO LON			Luis R. Lomas P.E.
6 - 7	INSTALLATION DETAILS	208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@Irlomaspe.com			FL No.: 62514	
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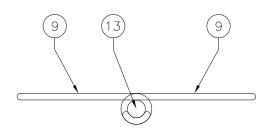
REVISIONS DESCRIPTION APPROVED REV В REVISED PER NEW CODE 08/16/2023 R.L.



DOUBLE WALL HINGE ASSY







BI-FOLD INTERIOR HINGE ASSY

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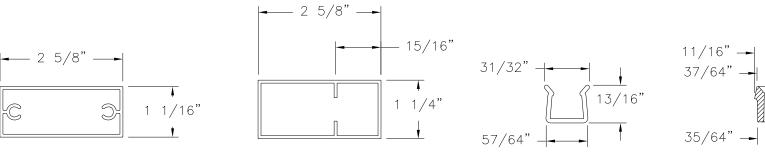
LAS ENTERPRISES 2413 L & A ROAD METAIRIE, LA 70001 COLONIAL SHUTTER BI-FOLD NON-IMPACT ELEVATION AND COMPONENTS DRAWN: DWG NO. A.P. 08-01681 SCALE NTS DATE 10/08/12 SHEET 2 OF 7 L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com

REV B STALL ORIDA CHILINGS ON AL ENGINE Luis R. Lomas P.E.

FL No.: 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	12118	FRAME TOP/BOTTOM	LAS ENTERPRISES	ALUMINUM 6063-T6
2	12117	FRAME SIDE	LAS ENTERPRISES	ALUMINUM 6063-T6
3		CLIP	GENESIS TEK, LLC	DELRIN POM
4		BULLIT	GENESIS TEK, LLC	DELRIN POM
5	AF3142	D/N COLBL W/SCREW COGS	LAS ENTERPRISES	ALUMINUM 6063-T6
6	AF3136	D/N COLBL W/O SCREW COGS	LAS ENTERPRISES	ALUMINUM 6063-T6
7	11404	STANDARD WALL HINGE	LAS ENTERPRISES	ALUMINUM 6063-T6
8	11403	BI-FOLD WALL HINGE	LAS ENTERPRISES	ALUMINUM 6063-T6
9	11405	BI-FOLD INTERMEDIATE HINGE	LAS ENTERPRISES	ALUMINUM 6063-T6
10	12115	F-TRACK	LAS ENTERPRISES	ALUMINUM 6063-T6
11		#14 x 2" PAN HEAD SMS		

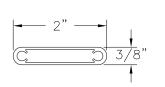
	REVISIONS			
REV	DESCRIPTION	DATE	APPROVED	
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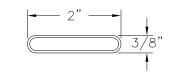
1) FRAME TOP/BOTTOM ALUMINUM 6063-T6 .063" THICK 2 FRAME SIDE ALUMINUM 6063-T6 .063" THICK

3 DELRIN POM .091" THICK

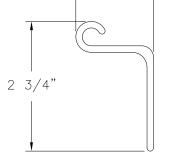
4 BULLIT DELRIN POM



D/N COLBL W/SCREW COGS
ALUMINUM 6063-T6 .050" THICK



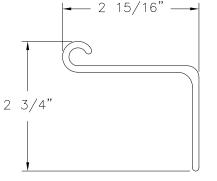
D/N COLBL W/O SCREW COGS
ALUMINUM 6063-T6 .040" THICK



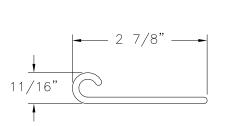
STANDARD WALL HINGE

7 STANDARD SHUTTER TIE DOWN
ALUMINUM 6063-T6 .139" THICK

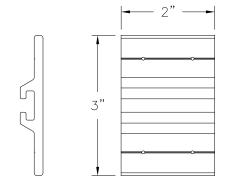
→ 1 11/16"



BI-FOLD SHUTTER TIE DOWN
ALUMINUM 6063-T6 .139" THICK



9 BI-FOLD INTERIOR HINGE ALUMINUM 6063-T6 .139" THICK



10 ALUMINUM 6063-T6 .1875" THICK

LAS ENTERPRISES 2413 L & A ROAD METAIRIE, LA 70001

COLONIAL SHUTTER
BI-FOLD NON-IMPACT
BILL OF MATERIAL AND COMPONENTS

DRAWN: DWG NO. REV
A.P. 08-01681 B

SCALE NTS DATE 10/08/12 SHEET 3 OF 7

L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com



SIGNED: 10/26/2023

uis R. Lomas P.E. FL No.: 62514



