

#### STANDARD BOARD AND BATTEN SHUTTER EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±60PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

REVISIONS					
REV	DESCRIPTION	DATE	APPROVED		
С	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 BOARD MATERIAL: ALUMINUM 6063-T6.
- 5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT 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 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 8. ALL FASTENERS TO BE CORROSION RESISTANT.

LAS ENTERPRISES

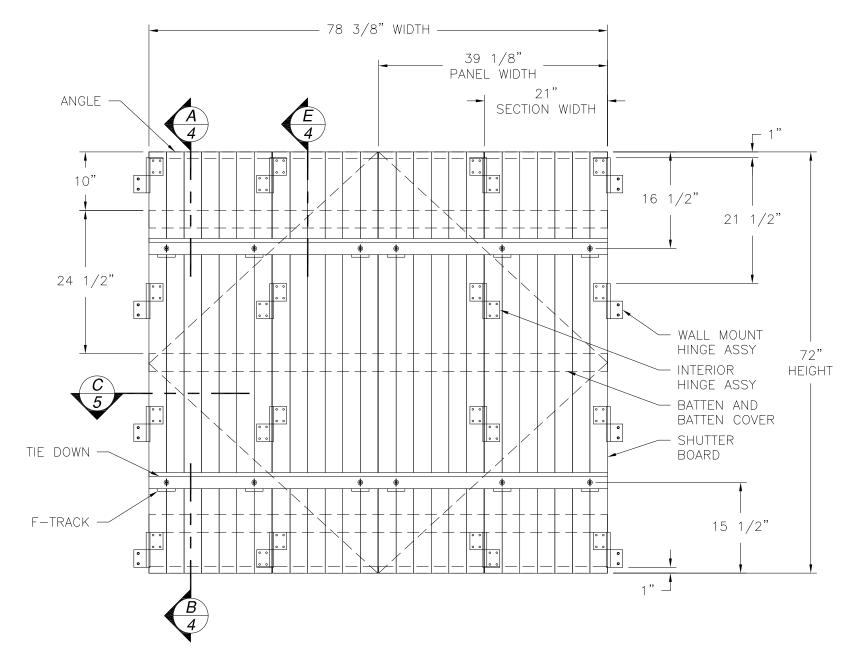
- 9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS. AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
- 9.1. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
- 9.2. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI. C.
- 9.3. MASONRY STRENGTH CONFORMANCE TO ASTM C-90. GRADE N. TYPE 1 (OR GREATER).
- 10. SHUTTERS MAY BE CONSTRUCTED WITH 3", 4" OR 5" BOARDS.

SIGNED: 10/26/2023

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

			2413 L & A ROAD METAIRIE, LA 70001			
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2	BI-FOLD ELEVATION	V.L.				
3	BILL OF MATERIALS AND COMPONENTS	SCALE NTS	DATE 0	4/06/11	SHEET 1 OF 7	
4 - 5	CROSS SECTIONS		L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@Irlomaspe.com			
6 - 7	INSTALLATION DETAILS					

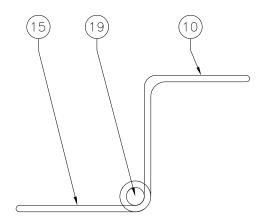


# BI-FOLD BOARD AND BATTEN SHUTTER EXTERIOR VIEW

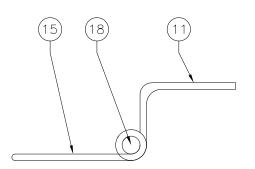
DESIGN PRESSURE RATING	IMPACT RATING
±45PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4

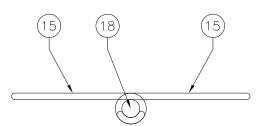




### DOUBLE WALL HINGE ASSY



## STANDARD WALL HINGE



## STANDARD FLAT HINGE ASSY BI-FOLD INTERIOR HINGE ASSY

SIGNED: 10/26/2023

LAS ENTERPRISES

2413 L & A ROAD
METAIRIE, LA 70001

BOARD AND BATTEN SHUTTER
STANDARD AND BI-FOLD
BI-FOLD ELEVATION

DRAWN:
V.L.

DWG NO.

V.L.

O8-01232

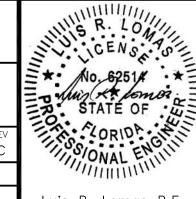
C

SCALE NTS

DATE 04/06/11

SHEET 2 OF 7

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