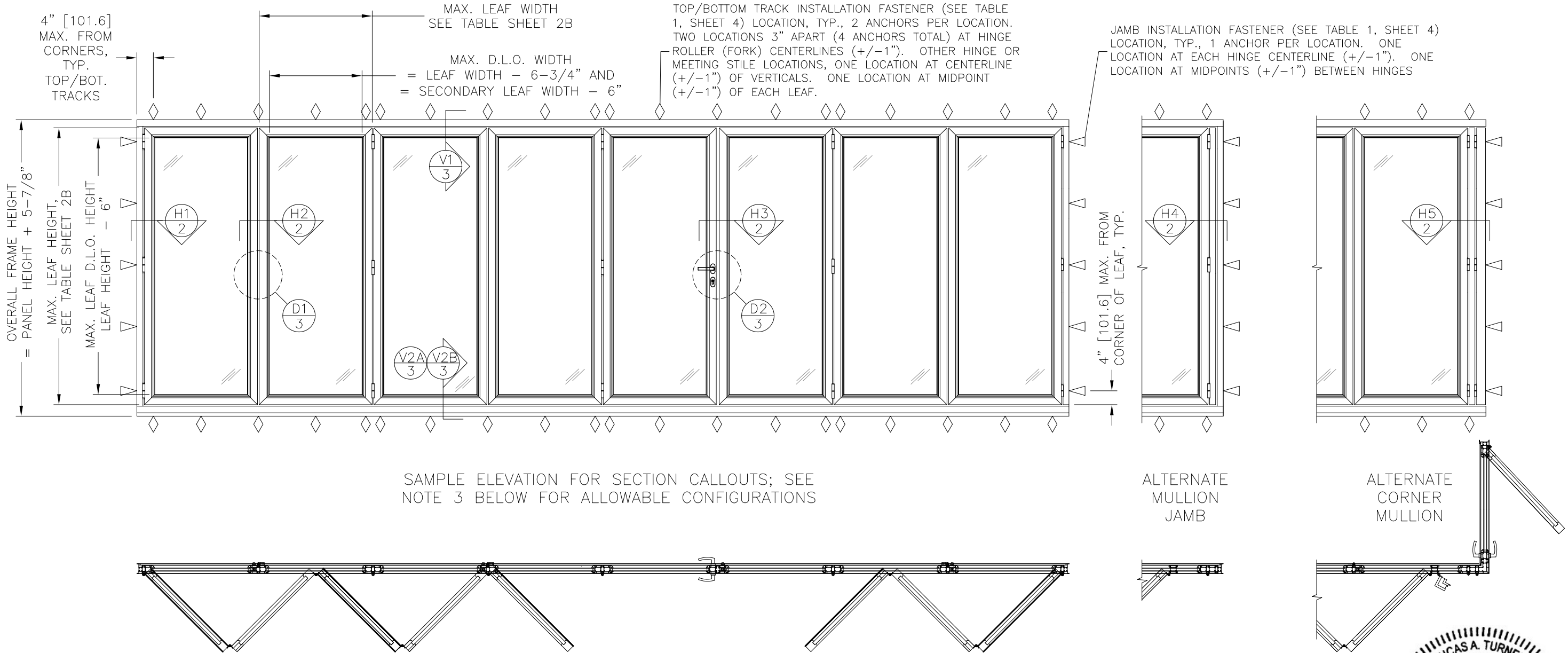


ORIGIN EASIFOLD 3000 FOLDING / SWINGING DOOR

NON-IMPACT

DESIGN PRESSURE RATINGS	IMPACT RATING
SEE CHART, SHEET 2B	NONE

SHEET	DESCRIPTION
1.....	ELEVATION, GEN. NOTES
2.....	HORIZ. SECTION DETAILS
2B.....	DP. CHART
3.....	VERT. SECT. DETAILS, GLAZING DETAILS
4.....	ANCHORAGE DETAILS, NOTES
5.....	B.O.M.



- GENERAL NOTES
- THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS NON-IMPACT AND REQUIRES THE USE OF IMPACT PROTECTIVE DEVICES (SHUTTERS) IN WINDBORNE DEBRIS REGIONS.
 - THIS PRODUCT HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S.2/A440-08 AND TAS 202, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 7TH EDITION (2020), FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE. OUTSWING DOORS ARE FULLY TESTED FOR WATER INFILTRATION RESISTANCE WITH BOTH LOW-THRESHOLD SILL AND WITH SILL RISER. INSWING DOORS WITH LOW THRESHOLDS HAVE NOT BEEN TESTED FOR WATER INFILTRATION RESISTANCE THEREFORE THESE DOORS MUST BE INSTALLED UNDER AN OVERHANG WITH A HORIZONTAL LENGTH FROM THE WALL WHICH IS EQUAL TO OR GREATER THAN THE HEIGHT OF THE OVERHANG ABOVE THE BOTTOM OF THE DOOR (A 1:1 OVERHANG PER FBC 1709.5.1 EXCEPTION 2). INSWING DOORS WITH SILL RISERS HAVE BEEN TESTED FOR LIMITED WATER RESISTANCE, WITH FULL WATER SPRAY VOLUME PER ASTM E 331 BUT WITH ZERO PRESSURE DIFFERENTIAL, SO THESE DOORS MAY BE INSTALLED AS ALLOWED BY THE AUTHORITY HAVING JURISDICTION WHERE THE LIMITED WATER TESTING IS DEEMED TO COMPLY, OR WITH A 1:1 OVERHANG AS DESCRIBED ABOVE FOR ANY LOCATION.
 - ALLOWABLE CONFIGURATIONS: SINGLE OR DOUBLE-LEAF SWING DOORS, OR FOLDING DOORS WITH ANY NUMBER OF LEAVES. CONFIGURATIONS MAY BE STRAIGHT DOORS IN INSWING OR OUTSWING OPERATION, OR OUTSIDE 90 DEGREE CORNER DOORS IN OUTSWING OPERATION. STRAIGHT DOORS MAY BE IN ANY CONFIGURATION THAT CAN BE PRODUCED USING ONE LOCKING LOCATION (AT JAMB OR AT LOCKING MEETING STILES) PER DOOR. CORNER DOORS ARE ALL SECONDARY PANELS ON ONE SIDE OF THE CORNER MULLION AND ON THE OTHER SIDE THE JAMB LOCKS TO THE CORNER MULLION. STRAIGHT DOORS ALSO AVAILABLE IN 72" MAX. PANEL HEIGHT PASS-THRU CONFIGURATION USING PASS-THRU HARDWARE AS INDICATED IN TEST REPORT K3261.01-450-44-r0.
 - THE DESIGN PRESSURE RATINGS AS SHOWN ON THIS SHEET, ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED WATER AND STRUCTURAL PRESSURES.
 - THE 4/3 ALLOWABLE STRESS INCREASE FACTOR (SHORT-TERM INCREASE FACTOR) HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF ANCHORAGE INTO WOOD SUBSTRATE.
 - INSTALLATION OF 1X OR 2X WOOD BUCKS TO THE SUBSTRATE TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION (A.H.J.). BUCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED BY OTHERS IN ACCORDANCE WITH THE FBC TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVE THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR A.H.J.
 - DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED PER FBC CHAPTER 20 TO PREVENT GALVANIC REACTIONS. WOOD BUCKS, IF USED, SHALL BE PRESSURE TREATED, WITH EITHER A TREATMENT OR COATING COMPATIBLE WITH 6063-T5. ALL ANCHORS USED SHALL BE OF A MATERIAL OR HAVE A COATING COMPATIBLE WITH THE PRESSURE TREATED WOOD BUCKS AND ALL OTHER WINDOW MATERIALS.
 - ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, OR AS APPROVED, SIGNED, AND SEALED BY A FLORIDA-REGISTERED PROFESSIONAL ENGINEER ON A SITE-SPECIFIC BASIS.
 - SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS AND IS NOT ADDRESSED BY THIS DOCUMENT.

LUCAS A. TURNER

LICENSE

No. 58201

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/16/2020

LUCAS A. TURNER, P.E.

FL PE # 58201

TURNER ENGINEERING & CONSULTING, INC.

(COA # 29779)

2428 OLD NATCHEZ TRC. TRL.

CAMDEN, TN 38320

PH. 941-380-1574

ORIGIN USA INC.

573 PAUL MORRIS DR.

ENGLEWOOD, FL 34223

Phone: 941-484-4861

ALUMINUM EASIFOLD 3000

FOLDING/SWINGING DOOR

NON-IMPACT

DRAWN BY:

LAT

DATE:

3/23/2017

SCALE:

NTS

REVISION 1/6/2018:

A: 2017 UPDATE

REVISION 10/16/2020:

B: 2020 UPDATE

DRAWING #

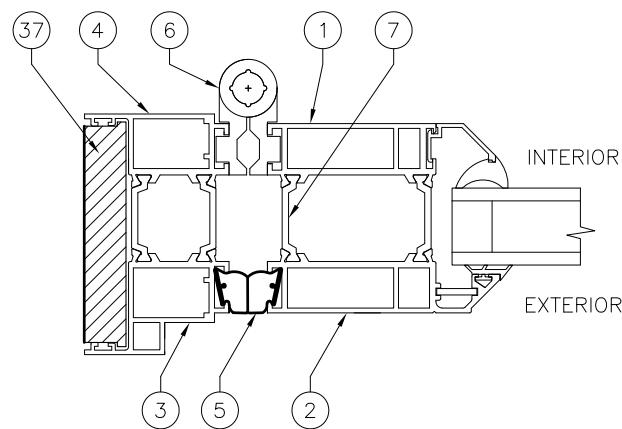
FPA-EASIFOLD-NI

SHEET DESCRIPTION

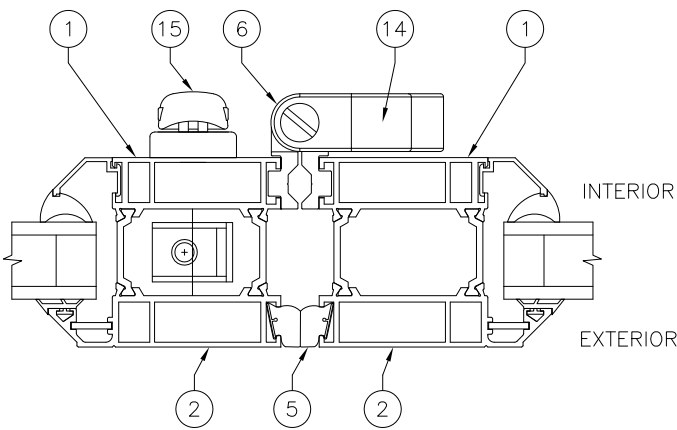
NOTES, ELEVATION

SHEET

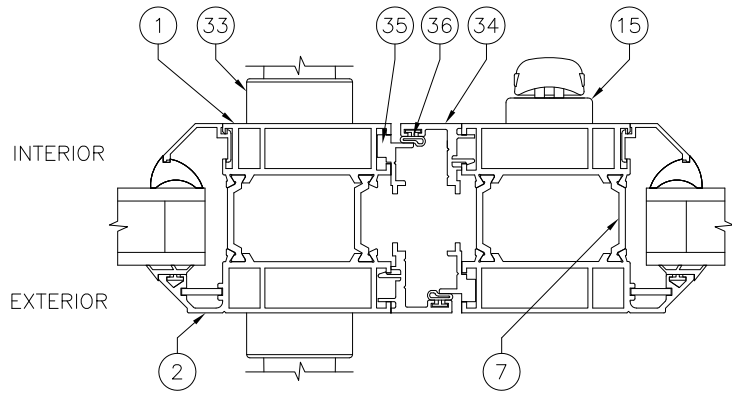
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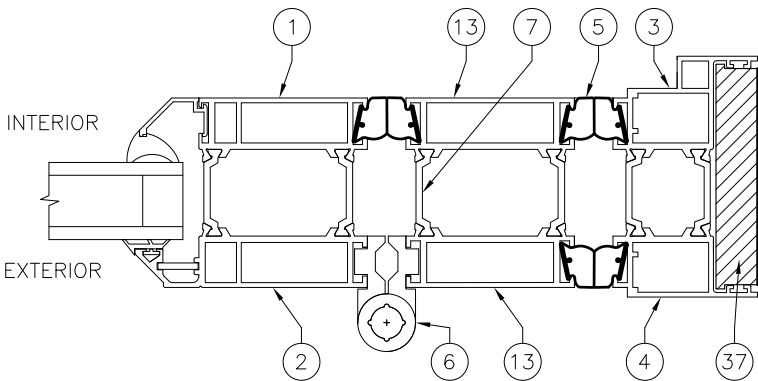
DETAIL H1. OPEN-IN HINGE JAMB, REVERSE HINGES (6) AND JAMB (3&4) FOR OPEN-OUT



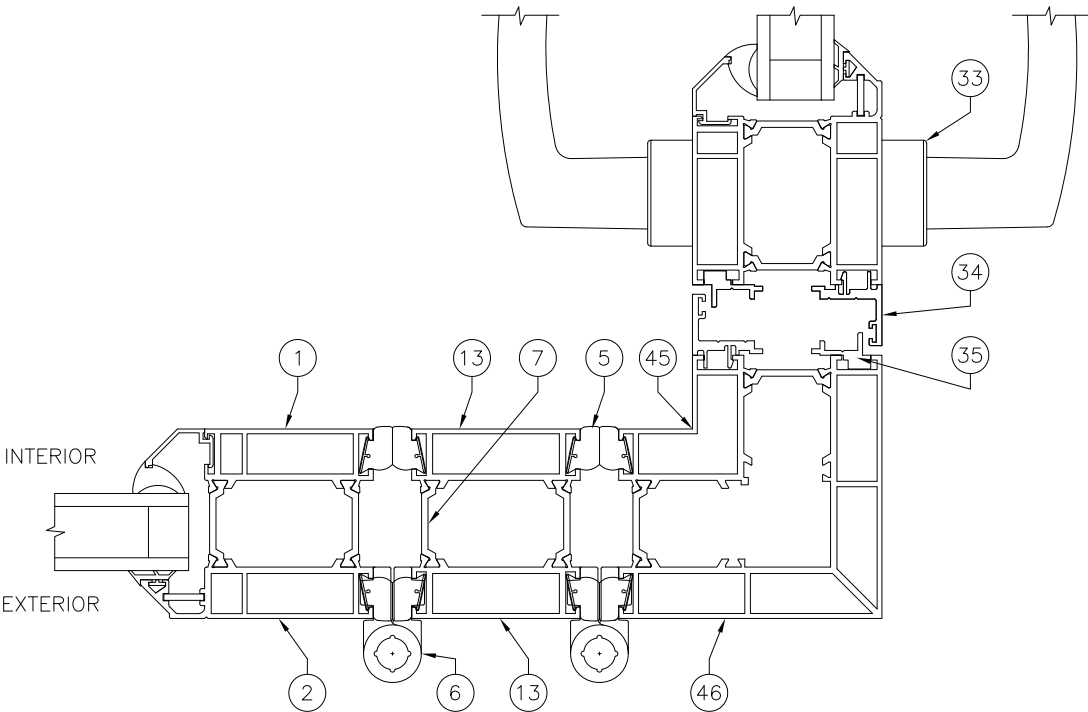
DETAIL H2. OPEN-OUT STILES, REVERSE HINGES FOR OPEN-IN



DETAIL H3. OPEN-OUT LOCKING MEETING STILES, REVERSE PARTS 34 AND 35 FOR OPEN-IN



DETAIL H4. OPEN-OUT MULLION, REVERSE HINGES (6) AND JAMB (3&4) FOR OPEN-IN



DETAIL H5. OPEN-OUT OUTSIDE 90-DEG. CORNER MULLION



10/16/2020
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 CAMDEN, TN 38320
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ALUMINUM EASIFOLD 3000
 FOLDING/SWINGING DOOR
 NON-IMPACT

DRAWN BY: LAT
 DATE: 3/23/2017
 SCALE: NTS
 REVISION 1/6/2018: A: 2017 UPDATE
 REVISION 10/16/2020: B: 2020 UPDATE

DRAWING # FPA-EASIFOLD-NI

SHEET DESCRIPTION
 HORIZONTAL
 SECT. DETAILS

SHEET
 2

Allowable Design Pressures (ASD, psf). Note: Additional sizes may be interpolated.																																						
				Leaf Height (in.)																																		
				80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144		
Secondary Leaf Width (in.)	24	Leaf Width (in.)	24 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+48.8	+46.5	+44.4	+42.3	+40.4	+38.6	+36.9	+35.3	+33.8	+32.4	+31.1		
			-94.6	-91.9	-89.4	-87.0	-84.7	-82.5	-80.4	-78.5	-76.6	-74.8	-70.5	-66.4	-65.0	-63.6	-62.3	-61.0	-59.8	-58.6	-57.5	-56.4	-53.9	-51.3	-48.8	-46.5	-44.4	-42.3	-40.4	-38.6	-36.9	-35.3	-33.8	-32.4	-31.1			
	26		26 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+49.9	+47.5	+45.2	+43.1	+41.0	+39.2	+37.4	+35.7	+34.2	+32.7	+31.3	+30.0	+28.7
			-88.7	-86.1	-83.7	-81.4	-79.2	-77.1	-75.2	-73.3	-71.6	-69.5	-65.4	-62.0	-60.7	-59.4	-58.1	-56.9	-55.8	-54.6	-53.6	-52.6	-49.9	-47.5	-45.2	-43.1	-41.0	-39.2	-37.4	-35.7	-34.2	-32.7	-31.3	-30.0	-28.7			
	28		28 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+49.0	+46.5	+44.2	+42.1	+40.1	+38.2	+36.5	+34.8	+33.3	+31.8	+30.4	+29.1	+27.9	+26.7		
			-83.6	-81.1	-78.8	-76.6	-74.5	-72.6	-70.7	-68.9	-67.3	-64.9	-61.0	-58.2	-56.9	-55.7	-54.5	-53.4	-52.3	-51.3	-50.2	-49.0	-46.5	-44.2	-42.1	-40.1	-38.2	-36.5	-34.8	-33.3	-31.8	-30.4	-29.1	-27.9	-26.7			
	30		30 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+49.3	+48.3	+47.4	+45.9	+43.6	+41.4	+39.4	+37.5	+35.8	+34.1	+32.6	+31.1	+29.8	+28.5	+27.2	+26.1	+12.6		
			-79.2	-76.8	-74.6	-72.5	-70.5	-68.6	-66.9	-65.2	-63.6	-60.8	-57.2	-55.0	-53.7	-52.6	-51.4	-50.4	-49.3	-48.3	-47.4	-45.9	-43.6	-41.4	-39.4	-37.5	-35.8	-34.1	-32.6	-31.1	-29.8	-28.5	-27.2	-26.1	-12.6			
	32		32 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+49.8	+48.7	+47.7	+46.7	+45.8	+44.8	+43.2	+41.0	+39.0	+37.1	+35.3	+33.7	+32.1	+30.6	+14.8	+14.1	+13.5	N/A	N/A	N/A		
			-69.6	-69.6	-69.6	-68.9	-67.0	-65.2	-63.5	-61.9	-60.3	-57.4	-53.9	-52.1	-51.0	-49.8	-48.7	-47.7	-46.7	-45.8	-44.8	-43.2	-41.0	-39.0	-37.1	-35.3	-33.7	-32.1	-30.6	-14.8	-14.1	-13.5	N/A	N/A	N/A			
	34		34 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+49.4	+46.7	+46.7	+46.7	+46.7	+46.4	+45.4	+44.4	+43.5	+42.6	+40.8	+38.7	+36.8	+35.0	+16.8	+16.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
			-61.7	-61.7	-61.7	-61.7	-61.7	-61.7	-60.6	-59.0	-57.5	-54.3	-51.0	-46.7	-46.7	-46.7	-46.4	-45.4	-44.4	-43.5	-42.6	-40.8	-38.7	-36.8	-35.0	-16.8	-16.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	36		36 3/4	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+50.0	+41.7	+41.7	+41.7	+41.7	+41.7	+41.7	+41.7	+41.7	+41.5	+40.7	+38.7	+18.5	+17.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
			-55.0	-55.0	-55.0	-55.0	-55.0	-55.0	-55.0	-55.0	-55.0	-41.7	-41.7	-41.7	-41.7	-41.7	-41.7	-41.7	-41.7	-41.5	-40.7	-38.7	-18.5	-17.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
38	38 3/4	+43.5	+42.1	+40.8	+40.3	+40.3	+40.3	+36.3	+35.3	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+35.0	+20.7	+19.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-44.3	-44.3	-44.3	-44.3	-44.3	-44.3	-36.3	-35.3	-35.0	-35.0	-35.0	-35.0	-35.0	-35.0	-35.0	-35.0	-35.0	-20.7	-19.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
40	40 3/4	+39.7	+39.7	+39.4	+38.2	+37.0	+36.0	+35.0	+34.0	+33.1	+31.6	+29.7	+28.5	+28.5	+28.5	+23.3	+22.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-39.7	-39.7	-39.4	-38.2	-37.0	-36.0	-35.0	-34.0	-33.1	-31.6	-29.7	-28.5	-28.5	-28.5	-23.3	-22.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
42	42 3/4	+36.0	+36.0	+36.0	+36.0	+35.8	+34.8	+33.8	+32.9	+32.0	+30.3	+28.4	+26.7	+25.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-36.0	-36.0	-36.0	-36.0	-35.8	-34.8	-33.8	-32.9	-32.0	-30.3	-28.4	-26.7	-25.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
44	44 3/4	+32.8	+32.8	+32.8	+32.8	+32.8	+32.8	+32.7	+31.8	+30.9	+29.1	+27.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-32.8	-32.8	-32.8	-32.8	-32.8	-32.8	-32.7	-31.8	-30.9	-29.1	-27.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
46	46 3/4	+30.0	+30.0	+30.0	+30.0	+30.0	+30.0	+30.0	+30.0	+30.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-30.0	-30.0	-30.0	-30.0	-30.0	-30.0	-30.0	-30.0	-30.0	-30.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
48	48 3/4	+25.3	+25.3	+25.3	+25.3	+25.3	+25.3	+25.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	-25.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
50	50 3/4	+21.5	+21.5	+21.5	+21.5	+21.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-21.5	-21.5	-21.5	-21.5	-21.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
52	52 3/4	+18.4	+18.4	+18.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-18.4	-18.4	-18.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
54	54 3/4	+15.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	-15.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				

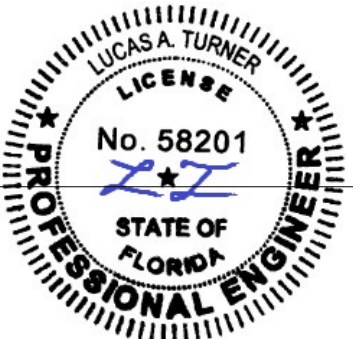
ORIGIN

ORIGIN USA INC.
573 PAUL MORRIS DR.
ENGLEWOOD, FL 34223
Phone: 941-484-4861

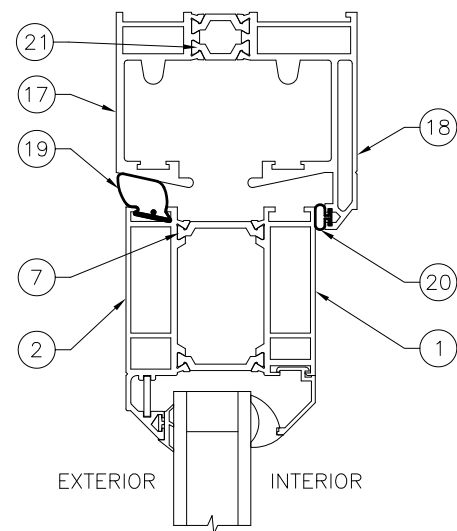
ALUMINUM EASIFOLD 3000
FOLDING/SWINGING DOOR

NON – IMPACT

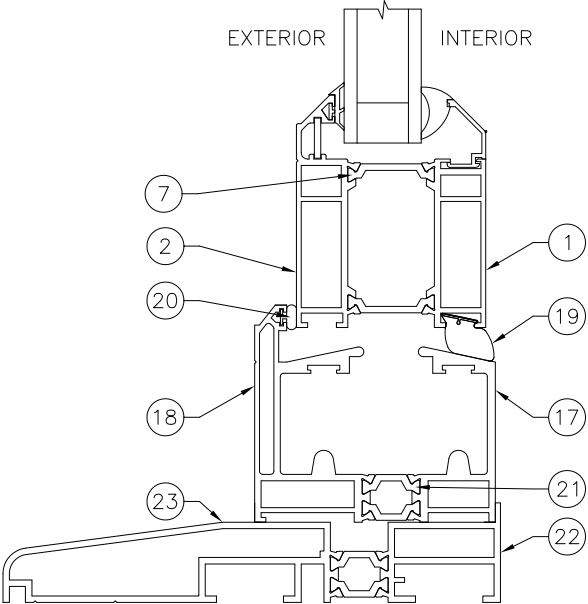
DRAWN BY:	LAT
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REVISION 1/6/2018:	A: 2017 UPDATE
REVISION 10/16/2020:	B: 2020 UPDATE
DRAWING #	FPA-EASIFOLD-NI
SHEET DESCRIPTION	HORIZONTAL SECT. DETAILS, D.P. CHART
SHEET 2B	



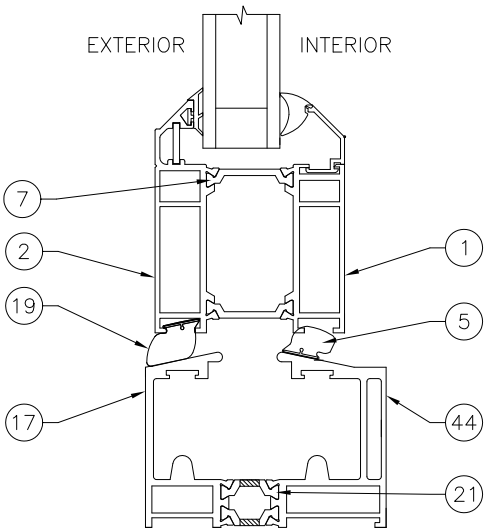
10/16/2020
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
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PH. 941-380-1574



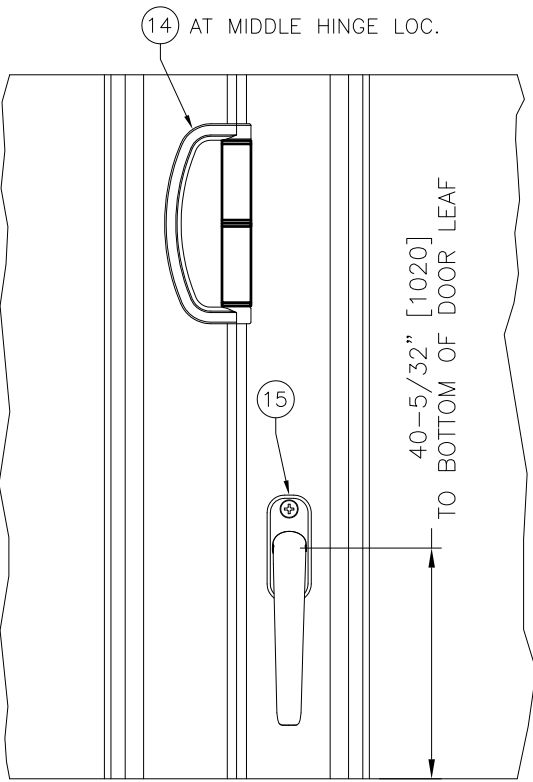
DETAIL V1. OPEN-OUT TOP TRACK, REVERSE TRACKS (17 AND 18) FOR OPEN-IN



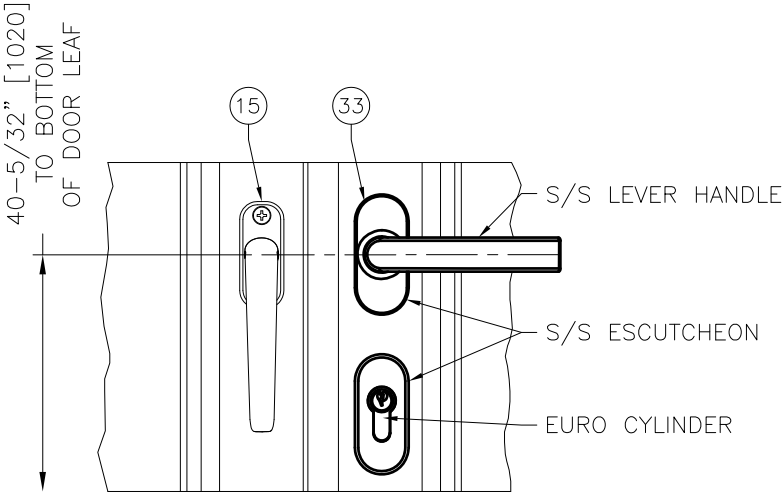
DETAIL V2A. OPEN-IN BOTTOM TRACK, REVERSE TRACKS (17 AND 18) FOR OPEN-OUT



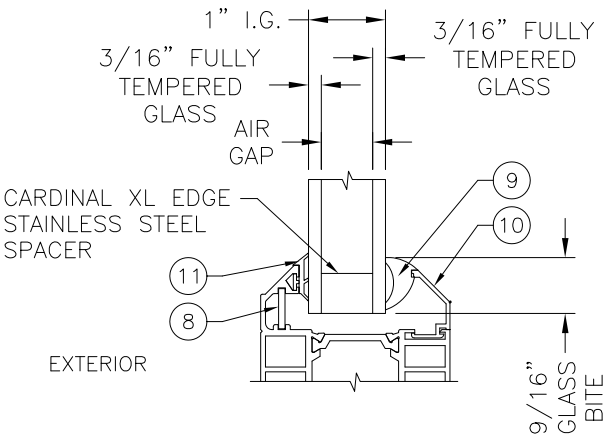
DETAIL V2B. OPEN-OUT LOW THRESHOLD BOTTOM TRACK, REVERSE TRACKS (17 AND 18) FOR OPEN-OUT



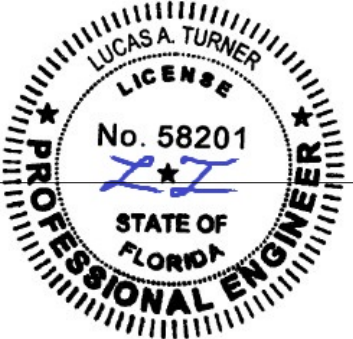
DETAIL D1. SECONDARY AND D-HANDLE (VIEW FROM INTERIOR)



DETAIL D2. HANDLE AND LOCK (VIEW FROM INTERIOR)



TYP. GLAZING DETAIL



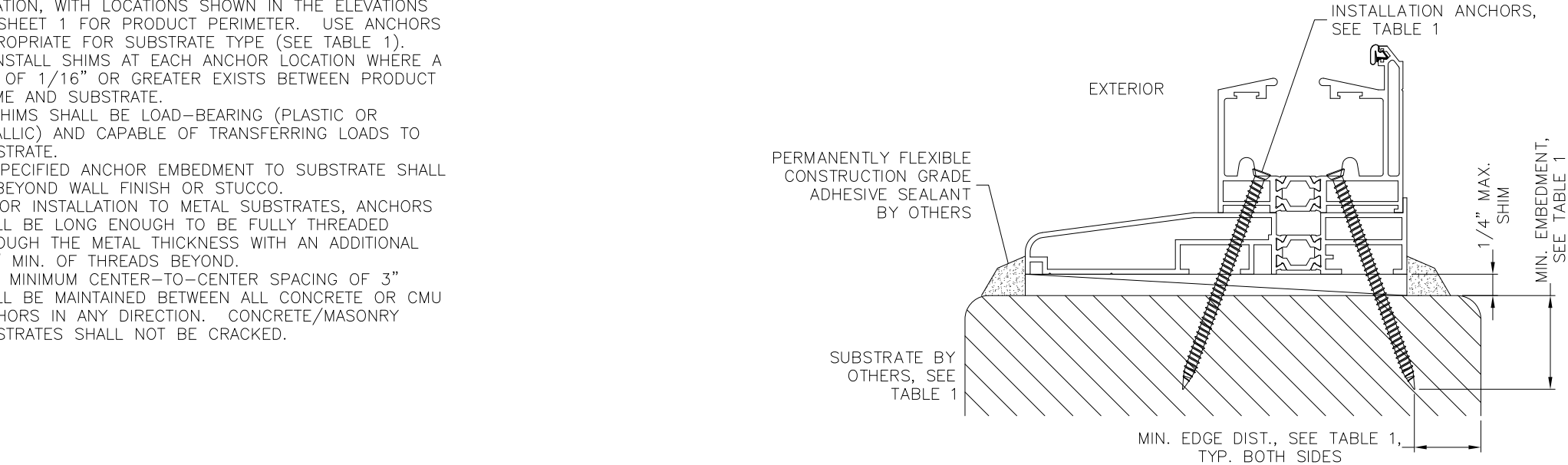
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ORIGIN
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 ENGLEWOOD, FL 34223
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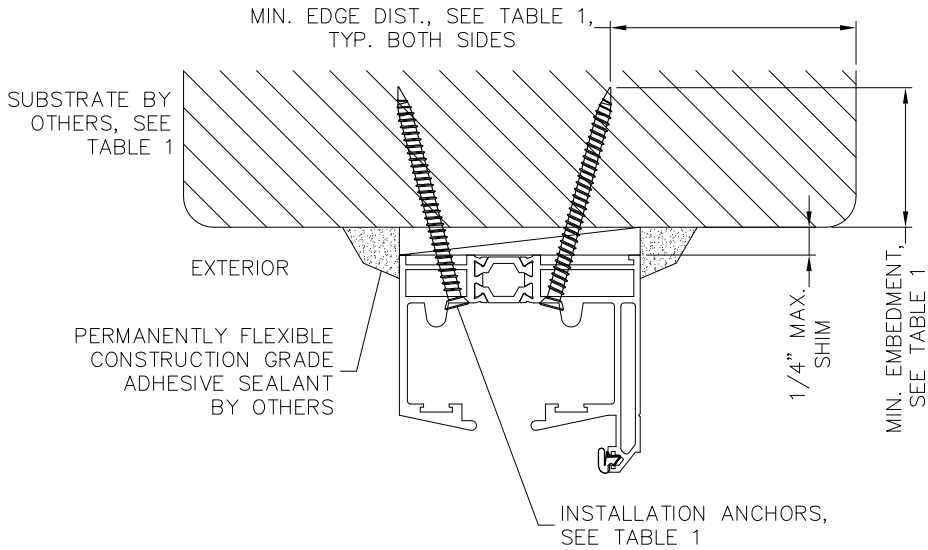
ALUMINUM EASIFOLD 3000
 FOLDING/SWINGING DOOR
 NON-IMPACT

DRAWN BY:	LAT
DATE:	3/23/2017
SCALE:	NTS
REVISION 1/6/2018:	A: 2017 UPDATE
REVISION 10/16/2020:	B: 2020 UPDATE
DRAWING #	FPA-EASIFOLD-NI
SHEET DESCRIPTION	VERTICAL DET., TYP. GLAZING
SHEET	3

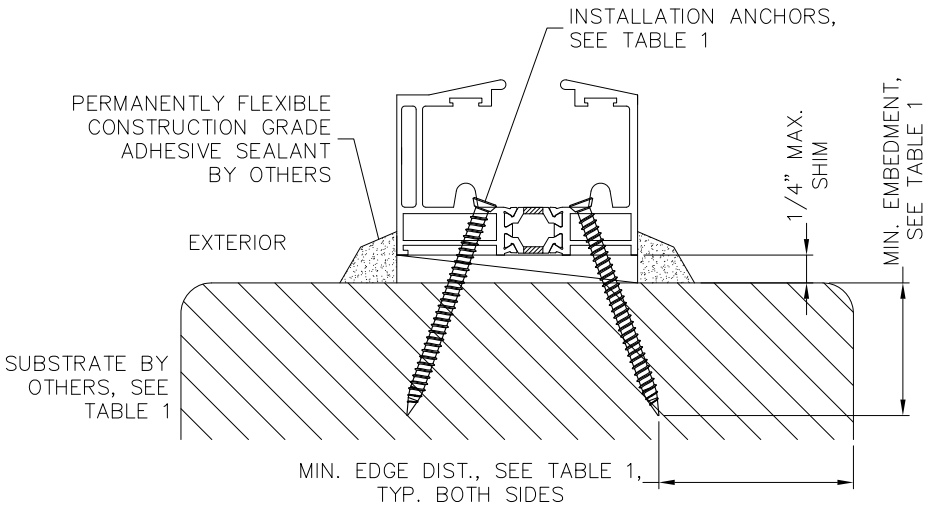
- GENERAL ANCHOR NOTES:
1. AT TOP AND BOTTOM TRACKS INSTALL TWO ANCHORS PER LOCATION AND AT JAMBS INSTALL ONE ANCHOR PER LOCATION, WITH LOCATIONS SHOWN IN THE ELEVATIONS ON SHEET 1 FOR PRODUCT PERIMETER. USE ANCHORS APPROPRIATE FOR SUBSTRATE TYPE (SEE TABLE 1).
 2. INSTALL SHIMS AT EACH ANCHOR LOCATION WHERE A GAP OF 1/16" OR GREATER EXISTS BETWEEN PRODUCT FRAME AND SUBSTRATE.
 3. SHIMS SHALL BE LOAD-BEARING (PLASTIC OR METALLIC) AND CAPABLE OF TRANSFERRING LOADS TO SUBSTRATE.
 4. SPECIFIED ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL FINISH OR STUCCO.
 5. FOR INSTALLATION TO METAL SUBSTRATES, ANCHORS SHALL BE LONG ENOUGH TO BE FULLY THREADED THROUGH THE METAL THICKNESS WITH AN ADDITIONAL 1/4" MIN. OF THREADS BEYOND.
 6. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL CONCRETE OR CMU ANCHORS IN ANY DIRECTION. CONCRETE/MASONRY SUBSTRATES SHALL NOT BE CRACKED.



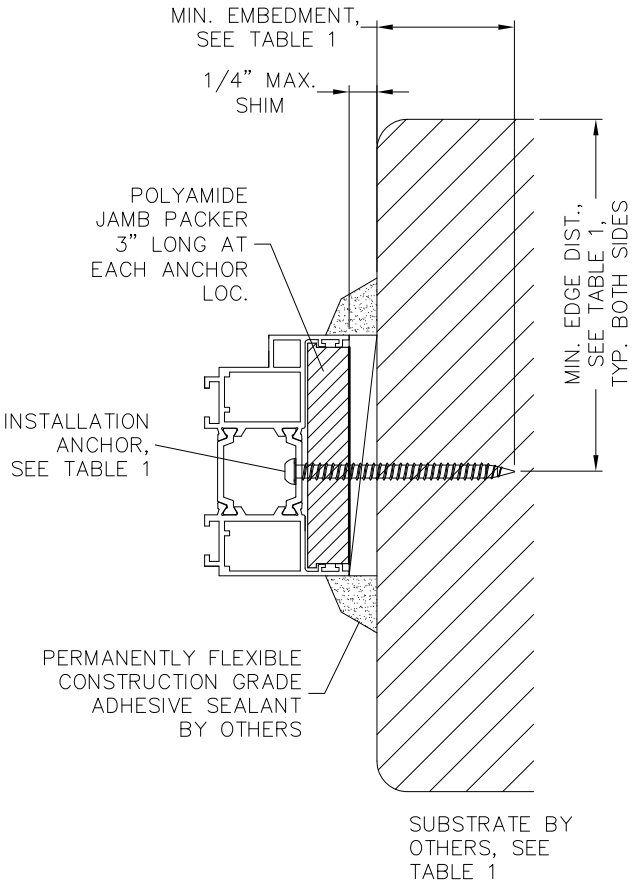
TYPICAL INSTALLATION STANDARD BOTTOM TRACK



TYPICAL INSTALLATION TOP TRACK



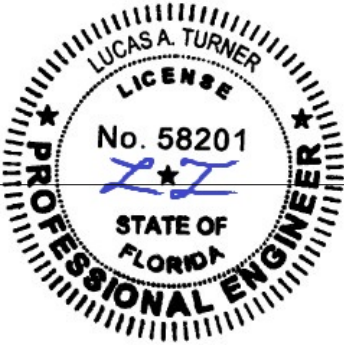
TYPICAL INSTALLATION LOW THRESHOLD BOTTOM TRACK



TYPICAL INSTALLATION JAMB

TABLE 1. QUALIFIED ANCHOR INFORMATION

LOCATION / HEAD TYPE	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
HEAD OR SILL: FLAT HEAD	SOLID CONCRETE (2850 PSI MIN)	1/4" ELCO COATED CARBON STEEL ULTRA CON	1 3/4"	2 1/2"
	SOLID CONCRETE (2220 PSI MIN)	1/4" ELCO AGGRE-GATOR 300 SS	1 3/4"	1 1/2"
	GROUT-FILLED CMU (ASTM C-90)	1/4" ELCO AGGRE-GATOR 300 SS	2"	2"
	SOLID CONCRETE (3000 PSI MIN)	1/4" HILTI COATED CARBON STEEL OR STAINLESS STEEL KWIK-CON II	1"	2 1/2"
	2x MIN. SOUTHERN PINE WOOD (G=0.55 MIN)	#14 GRADE 5 WOOD SCREW	1 3/8"	1"
JAMB: PAN OR HEX HEAD	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 33 KSI YIELD MIN.	1/4" GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 1/8" WALL	5/8"
JAMB ONLY: PAN OR HEX HEAD	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	1/4" ELCO AGGRE-GATOR 300 SS	1 1/4"	2"
		1/4" HILTI COATED CARBON STEEL OR STAINLESS STEEL KWIK-CON II	1"	2 1/2"
		1/4" ELCO CRETE-FLEX SS4	1 1/4"	2 1/2"



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ORIGIN USA INC.
573 PAUL MORRIS DR.
ENGLEWOOD, FL 34223
Phone: 941-484-4861

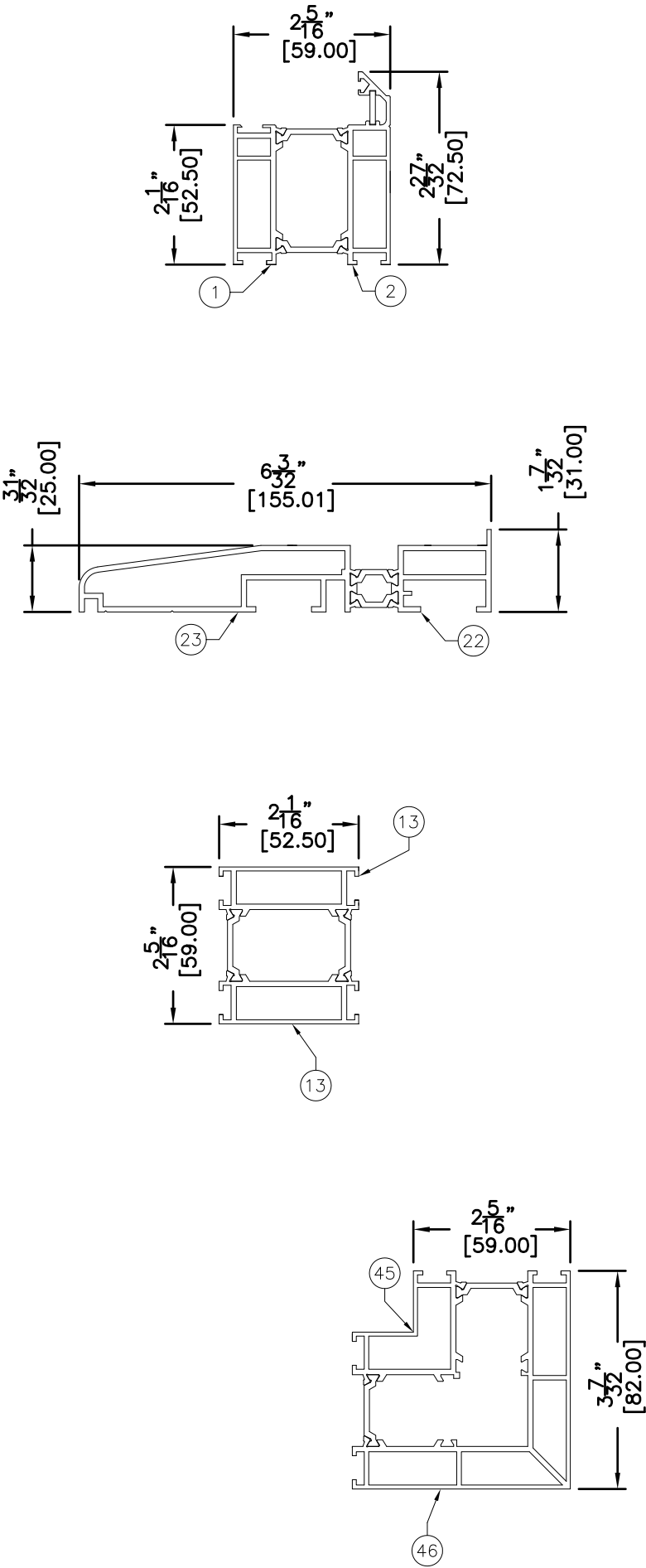
ALUMINUM EASIFOLD 3000
FOLDING/SWINGING DOOR
NON-IMPACT

DRAWN BY: LAT
DATE: 3/23/2017
SCALE: NTS
REVISION 1/6/2018: A: 2017 UPDATE
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DRAWING # FPA-EASIFOLD-NI
SHEET DESCRIPTION ANCHORS, INSTALL DETAILS

BILL OF MATERIALS

BOM NO.	PART NO.	SUPPLIER	DESCRIPTION	REMARKS
1	OF42	Cortizo/Vertikal	Hinge stile bottom rail	Powder Coated Aluminum
2	OF41	Cortizo/Vertikal	Hinge stile to rail	Powder Coated Aluminum
3	OF43	Cortizo/Vertikal	Jamb	Powder Coated Aluminum
4	OF44	Cortizo/Vertikal	Jamb	Powder Coated Aluminum
5	QL 9135	Schlegel	Hinge Gasket	Q-Lon
6	OR1001/OR1006	PMS Die Casting	Hinge	Zinc ZL2
7	STM0064C	Cortizo/Vertikal	Polyamide strip 27mm	Polyamide
8	ORI-CHEVRON	Montrose	Pressed chevron	Aluminium
9	474	Plastech	Glazing Gasket	Polypropylene
10	OF17	Cortizo/Vertikal	24mm Bead	Powder Coated Aluminum
11	3434	Plastech	E-gasket	Polypropylene
12	Glazing		See Typ. Glazing Sht. 3	
13	OF47	Cortizo/Vertikal	Mullion	Powder Coated Aluminum
14		PMS Die Casting	D-Handle	Zinc ZL2
15		PMS Die Casting	Secondary handle	Zinc ZL2
16		PMS Die Casting	Gearbox	Zinc ZL2
17	OF49	Cortizo/Vertikal	Track	Powder Coated Aluminum
18	OF48	Cortizo/Vertikal	Track	Powder Coated Aluminum
19	QL9141	Schlegel	Top Gasket	Q-Lon
20	QL 9257	Schlesel	Track gasket	Q- Lon
21	COR3219	Cortizo/Vertikal	Polyamide strip 18mm	Polyamide
22	OF24	Cortizo/Vertikal	155 Sill	Powder Coated Aluminum
23	OF25	Cortizo/Vertikal	155 Sill	Powder Coated Aluminum
24		PMS Die Casting	Top Carrier Bar	Zinc ZL2
25		PMS Die Casting	Top and Bottom Fork	Zinc ZL2
26	OFLBO1/OFSB01	Plasticom	Hinge Bushes	Acetal
27		Cortizo/Vertikal	Door Leaf	Aluminium/Polyamide
28		Plasticom	Top Roller	Acetal
29		Montrose	Grub Screw	Hardened Steel
30		PMS Die Casting	Bogie	Zinc ZL2
31		Plasticom	Bogie Wheel	Acetal
32		Montrose	Bogie adjustment screw	Hardened Steel
33	253/280	Hafi	Hafi Handle	Stainless Steel
34	OF46	Cortizo/Vertikal	Rebate	Aluminium
35	OF45	Cortizo/Vertikal	Slamb	Aluminium
36	QL4.2 *2.7	Schlegel	Rebate Gasket	Q-Lon
37		Origin	Jamb Packer	Acetal
40	JTTC-01	J Banks	Jamb to Track connector	Black Nylon 6
41		Plasticom	Shootbolt End	Acetal
42		Plasticom	Shootbolt Guide	Acetal
43		Montrose	Threaded Rod	Steel
44	OF50	Cortizo/Vertikal	Low Threshold Track	Powder Coated Aluminum
45	OF29	Cortizo/Vertikal	Corner Mull Inner	Powder Coated Aluminum
46	OF30	Cortizo/Vertikal	Corner Mull Outer	Powder Coated Aluminum

ALL ALUMINUM PARTS ARE 6063-T5 MINIMUM



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SCALE:
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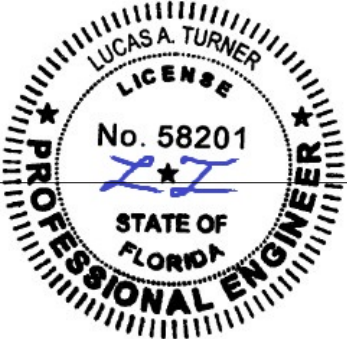
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DRAWING #
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SHEET DESCRIPTION
 BILL OF
 MATERIALS

SHEET
 5



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