

JAMB ATTACHMENT DETAIL MASONRY CONDITION (SHEAR CONNECTION)

2" x 1 1/2" x 1/8" x 8" L ALUMINUM ANGLE #10-24 x 3/4" SST TEK SCREW PROVIDED BY POTTORFF 2X 1/4" SST KWIK BOLT MIN 2" EMBEDMENT-PROVIDED BY OTHERS 2" MIN. CONCRETE 4" MIN. CMU 1/2" 3/4" MAX MIN. 0 0 0 0 4" MIN. ONE ANCHOR PER CMU BLOCK

STIFFENER ATTACHMENT DETAIL MASONRY CONDITION (SHEAR CONNECTION)

INSTALLATION NOTES:

1) DRAWING INCLUDES INSTALLATION DETAILS TO ATTAIN MAXIMUM DESIGN PRESSURES FOR LOUVER PER CHARTS ON DRAWING 6

2) IT IS ASSUMED THAT THE LOUVER SYSTEMS DO RANSFERRED FROM THE BUT DOWN

- 3) IT IS ASSUMED THAT THE BUILDING CONDITIONS ARE ADEQUATELY DESIGNED TO SUPPORT LOADS IMPARTED BY THE LOUVER SYSTEM.

50923

- 4) INSTALLER TO PROVIDE GASKET MATERIAL BETWEEN DISSIMILAR MATERIALS IN ORDER TO PROTECT FROM CORROSION.
- 5) CRITICAL EQUIPMENT TO BE PROTECTED FROM MOISTURE INGRESS.
- 6) OTHER BUILDING CONDITIONS THAN THOSE DENOTED CAN BE UTILIZED IF ANALYZED AND APPROVED BY A PROFFESSIONAL ENGINEER.
- 7) MULTI-SECTION WIDE AND HIGH LOUVER SYSTEMS ARE ALLOWABLE PROVIDED THE INDIVIDUAL SECTIONS ARE SUPPORTED PER THE DETAIL ON THIS DRAWING AND A SUITABLE STRUCTURE IS ANALYZED AND APPROVED BY A PROFESSIONAL ENGINEER.
- 8) ALL CONCRETE SUBSTRATE SHALL BE BE 2000 PSI OR STRONGER.

9) ALL CMU SUBSTRATE SHALL BE ASTM C90 TYPE 2 FILLED WITH f'm=1500 PSI GROUT

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES.

TOLERANCE UNLESS NOTED: ±0.030 X XX ±0.015 X.XXX ±0.010 **ANGLE** ±1°

MAX HOLE BREAKOUT:

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DRAWING DESCR: MASONRY ATTACHMENT DETAILS PROJECT: FLORIDA BUILDING CODE LOUVERS

OCATION:

CUSTOMER:

PROJ. MGR: DRAWN BY: TB ORDER NUMBER | P.O. NUMBER DATE: 11/24/2009 | CHK'D BY: DRAWING NUMBER MASONRY COND. (SHEAR) SCALE: NTS SHEET: 3 of 6

REVERSE ATTACHMENT OPTION-

ENGINEERING

105 School Creek Trail Luxemburg, WI 54217 Phone: 920.845 1042 920.845.1048 www.rice-inc.com

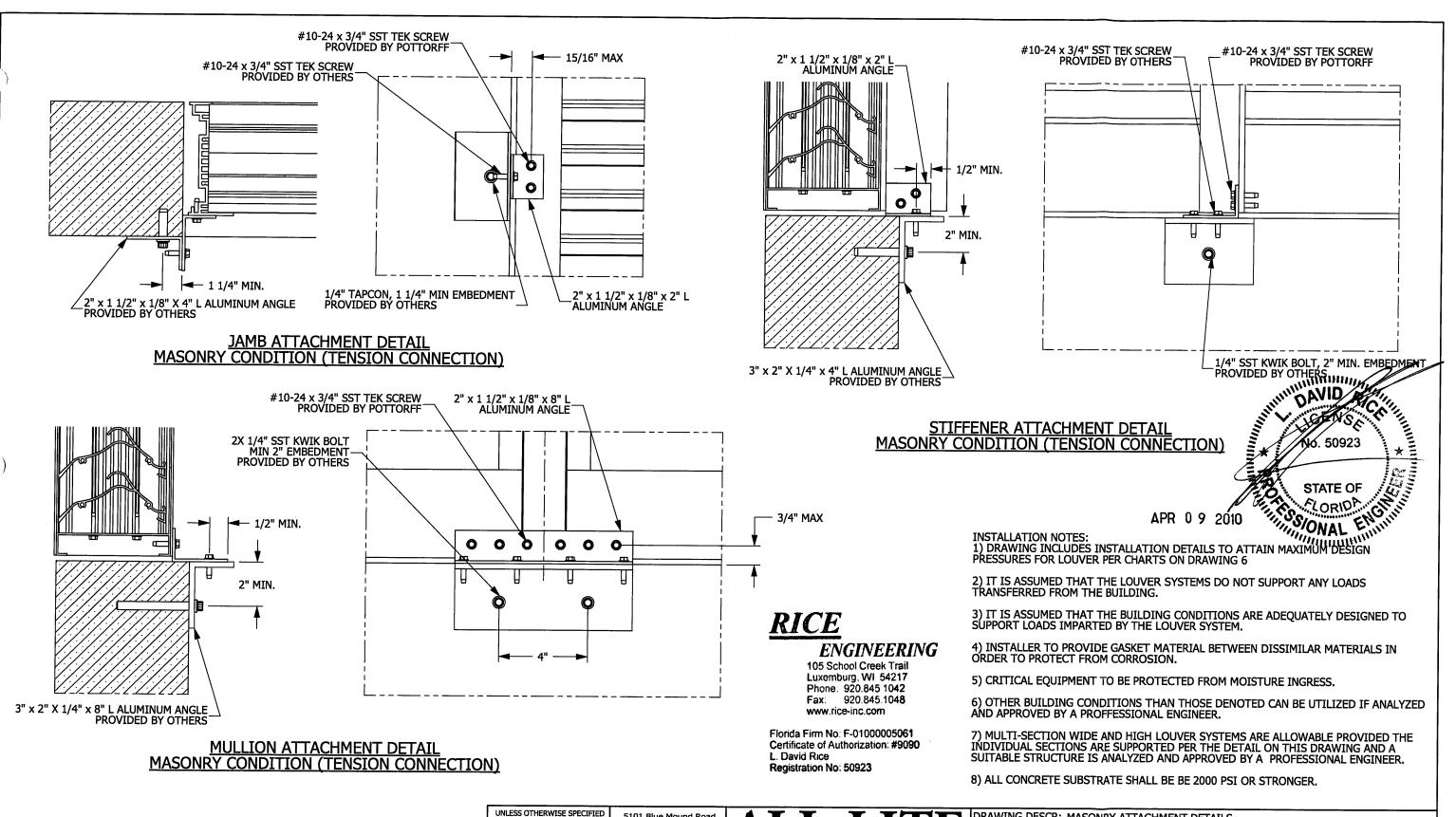
Florida Firm No: F-01000005061 Certificate of Authorization: #9090 L. David Rice Registration No: 50923

FRACTION ±1/16

15% OF MATERIAL THICKNESS

THIRD ANGLE PROJECTION

MULLION ATTACHMENT DETAIL
MASONRY CONDITION (SHEAR CONNECTION)



DIMENSION ARE IN INCHES.

TOLERANCE UNLESS NOTED: ±0.030 X.XX +0.015 X.XXX ±0.010 FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS 5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110



ARCHITECTURAL PRODUCTS

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DRAWING DESCR: MASONRY ATTACHMENT DETAILS

PROJECT: FLORIDA BUILDING CODE LOUVERS

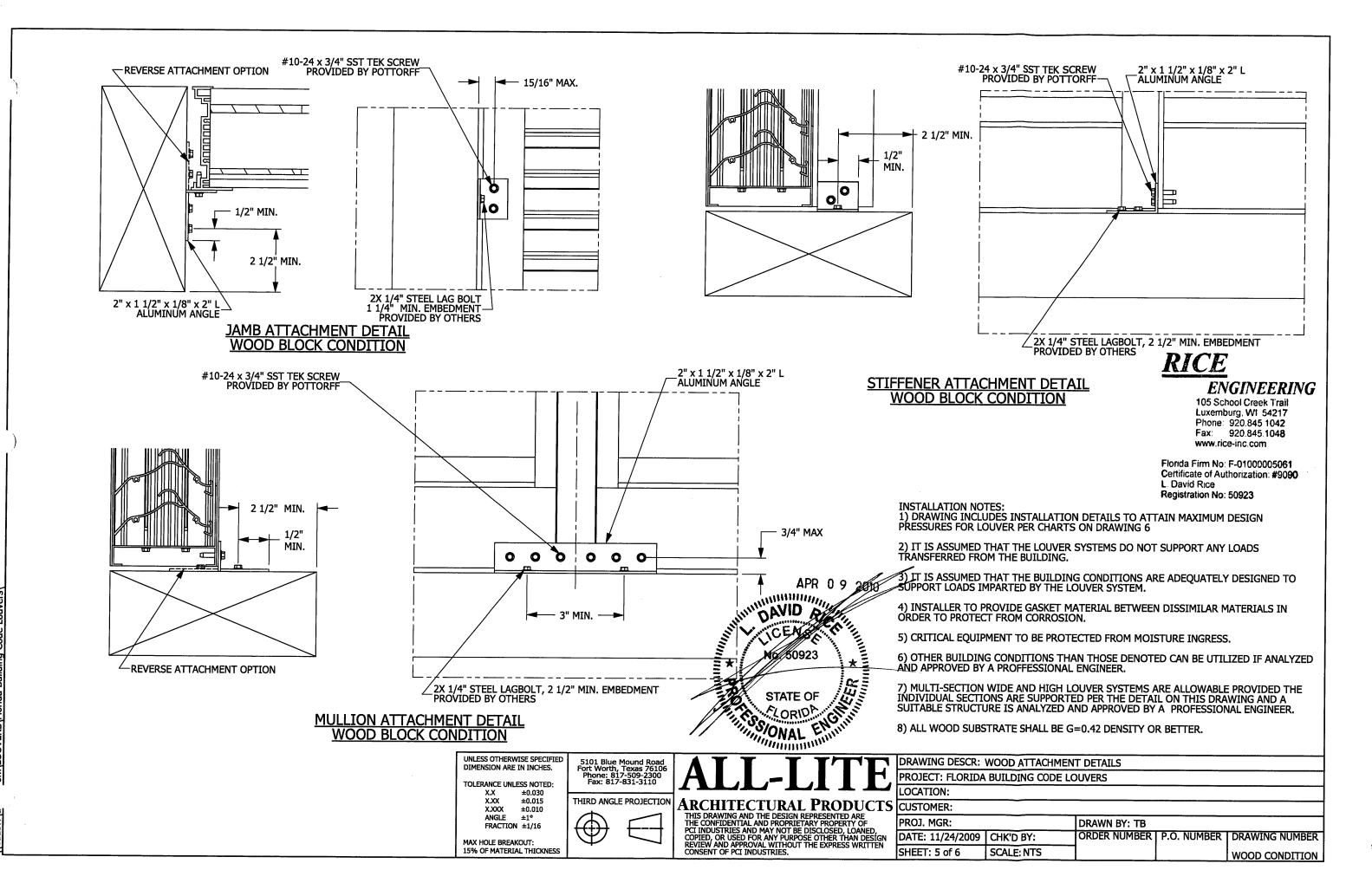
OCATION

CUSTOMER:

SHEET: 4 of 6

PROJ. MGR: DATE: 11/24/2009 | CHK'D BY:

DRAWN BY: TB ORDER NUMBER | P.O. NUMBER | DRAWING NUMBER | MASONRY COND. SCALE: NTS (TENSION)



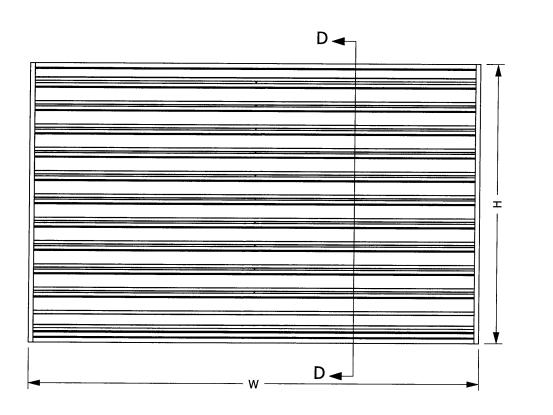
Tom/I OliVEDS/Florids Building Call

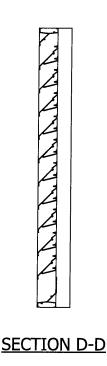
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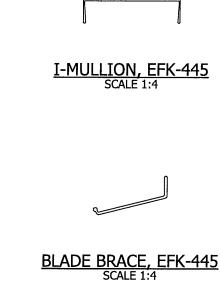
Louver		EFK- 4	45 LO	UVER I	MODE	Sing	gle Se	ction V	/idth A	ssemb	lies - I	Maxim	um Ali	owabl	e Desi	gn Pre	ssure	- (PSF)
Tributary	Louver Width (in.)																		
Height (in.)	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
12"	187	125	93	75	62	50	34	24	17	68	62	57	53	50	47	43	38	34	31
18"	187	125	93	75	62	50	34	24	17	68	62	57	53	50	47	43	38	34	31
24"	187	125	93	75	62	50	34	24	17	68	62	57	53	50	47	43	38	34	31
30"	187	125	93	75	62	50	34	24	17	61	56	52	48	45	42	40	37	34	31
36"	187	125	93	75	62	50	34	24	17	42	39	36	33	50	47	43	38	34	31
42"	187	125	93	75	62	50	34	24	17	54	50	46	43	40	37	35	33	32	31
48"	187	125	93	75	62	50	34	24	17	42	38	35	33	31	47	43	38	34	31
54"	187	125	93	75	62	50	34	24	17	33	57	53	49	46	43	40	38	34	31
60"	187	125	93	75	62	50	34	24	17	50	46	43	40	37	35	33	38	34	31
66"	187	125	93	75	62	50	34	24	17		SIZE	S IN SI	HADED	CELL	GET A	NGLE	STIFFE	NER	
72"	187	125	93	75	62	50	34	24	17										
78"	187	125	93	75	62	50	34	24	17										
84"	187	125	93	75	62	50	34	24	17										
90"	187	125	93	75	62	50	34	24	17										
96"	187	125	93	75	62	50	34	24	17										
102"	187	125	93	75	62	50	34	24	17										
108"	187	125	93	75	62	50	34	24	17										
114"	187	125	93	75	62	50	34	24	17										
120"	187	125	93	75	62	50	34	24	17										

Louver	E	FK - 4	45 LOI	JVER N	ODEL	- Mult	iple Se	ction	Width	Assem	blies -	Maxin	num A	llowab	le Des	ign Pr	essure	- (PSI	F)
Tributary		Louver Width (in.)																	
Height (in.)	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
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66"	187	125	93	75	62	50	34	24	17		SIZE	SINS	HADED	CELL	GETA	NGLE	STIFFE	NER	
72"	187	125	93	75	62	50	34	24	17		******								
78"	187	125	93	75	62	50	34	24	17										
84"	187	125	93	75	62	50	34	24	17										
90"	187	125	93	75	62	50	34	24	17										
96"	187	125	93	75	62	50	34	24	17										
102"	171	114	85	68	57	49	34	24	17										
108"	152	102	76	61	51	44	34	24	17										
114"	137	91	68	55	46	39	34	24	17										
120"	123	82	62	49	41	35	31	24	17										n

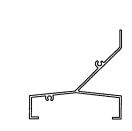
Louver		S	tiffen	er Ang	gle Di	mens	ions (bxa	xt)	
Height	MARIAL CL.									
(in.)	66"	72"	78"	84"	90"	96"	102"	108"	114"	120"
12"										
18"				,	m_ = 1		/ O11			
24"					"x1.5) XI	0			
30"	1									
36"										
42"				2">	c2"x1	./8"				
48"										•
54"			2"	w 3"	w 1 /	A II				
60"		•	2	x 2"	X 1/	4		3" x	2" x	1/4"











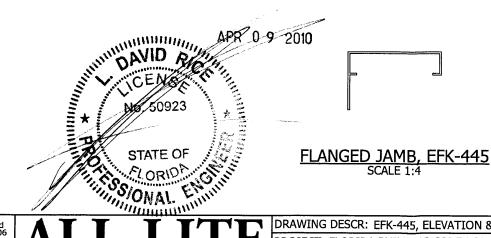
STIFFENER, EFK-445 SCALE 1:4







FLANGED HEAD/SILL, EFK-445





RICE ENGINEERING

105 School Creek Trail Luxemburg, WI 54217 Phone: 920.845 1042 Fax: 920.845 1048

www.rice-inc.com

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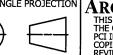
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FRACTION ±1/16 MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS 5101 Blue Mound Road Fort Worth, Texas 76106 Phone: 817-509-2300 Fax: 817-831-3110

THIRD ANGLE PROJECTION





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,	SCALE 1:4
RAWING DESCR: EFK-445, ELEVATION & DETAILS	

PROJECT: FLORIDA BUILDING CODE LOUVERS

LOCATION:

CUSTOMER: PROJ. MGR:

DRAWN BY: TB ORDER NUMBER | P.O. NUMBER | DRAWING NUMBER DATE: 11/24/2009 | CHK'D BY: SHEET: 6 of 6 SCALE: 1:20 EFK-445