

REVERSE ATTACHMENT OPTION-

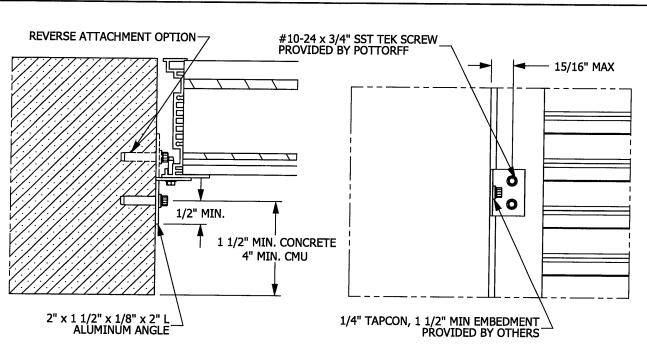
ENGINEERING

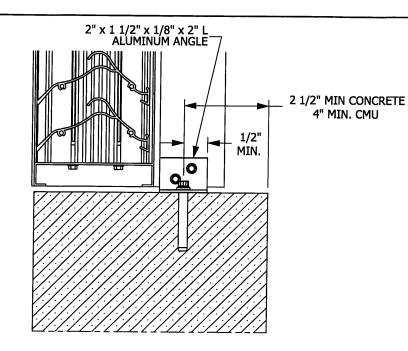
105 School Creek Trail Luxemburg, WI 54217

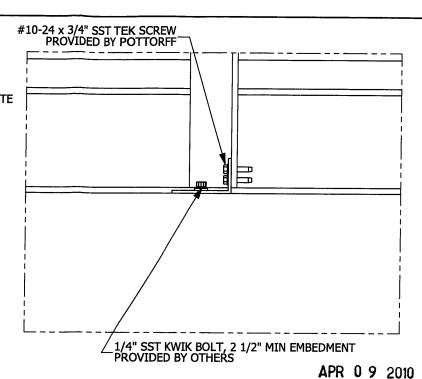
Phone: 920.845.1042

Fax: 920.845.1048

www.rice-inc.com







JAMB ATTACHMENT DETAIL MASONRY CONDITION (SHEAR CONNECTION)

STIFFENER ATTACHMENT DETAIL MASONRY CONDITION (SHEAR CONNECTION)

APR 6

APR 6

APR 6

APR 6

APR 6 STATE OF 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 LOUR

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

2) IT IS ASSUMED THAT THE LOUVER SYSTEMS DO NOT SUPPORT ANY LOADS TRANSFERRED FROM THE $\mbox{\sc Building}.$

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

±0.030 ±0.015 X.XXX ±0.010 ANGLE ±1°

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS

THIRD ANGLE PROJECTION



ARCHITECTURAL PRODUCTS

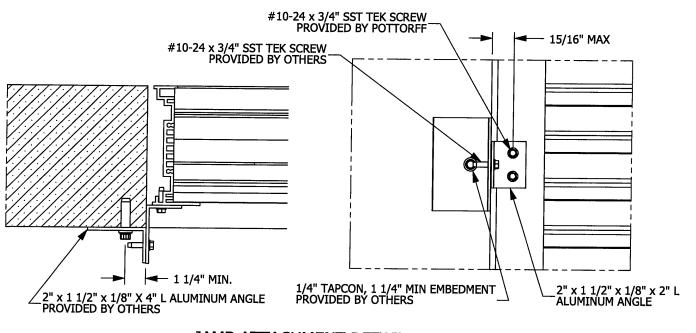
THIS DRAWING AND THE DESIGN REPRESENTED ARE THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF PCI INDUSTRIES AND MAY NOT BE DISCLOSED, LOANED, COPIED, OR USED FOR ANY PURPOSE OTHER THAN DESIGN REVIEW AND APPROVAL WITHOUT THE EXPRESS WRITTEN

DRAWING DESCR: MASONRY ATTACHMENT DETAILS PROJECT: FLORIDA BUILDING CODE LOUVERS LOCATION: CUSTOMER: PROJ. MGR: DRAWN BY: TB ORDER NUMBER | P.O. NUMBER DATE: 11/24/2009 | CHK'D BY: MASONRY COND. (SHEAR) SHEET: 3 of 6 SCALE: NTS

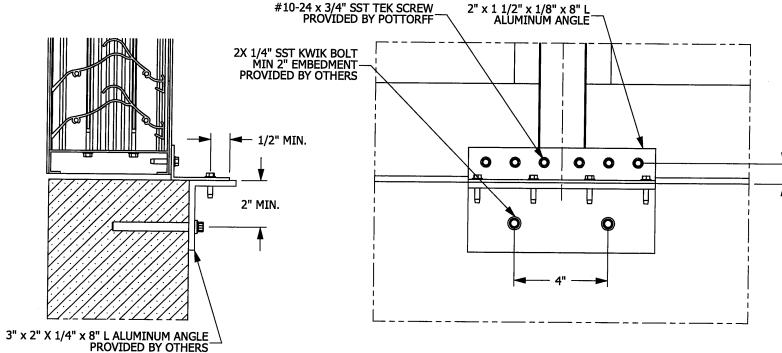
MULLION ATTACHMENT DETAIL
MASONRY CONDITION (SHEAR CONNECTION)

DIMENSION ARE IN INCHES. TOLERANCE UNLESS NOTED:

FRACTION ±1/16



JAMB ATTACHMENT DETAIL MASONRY CONDITION (TENSION CONNECTION)



MULLION ATTACHMENT DETAIL

MASONRY CONDITION (TENSION CONNECTION)

A AND AVID ROLL STATE OF

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES.

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



2" x 1 1/2" x 1/8" x 2" L ALUMINUM ANGLE

3" x 2" X 1/4" x 4" L ALUMINUM ANGLE PROVIDED BY OTHERS

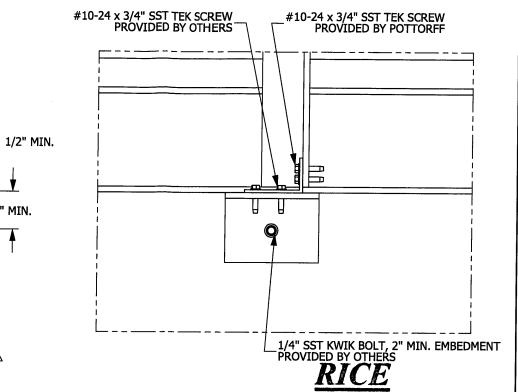
3/4" MAX

0

2" MIN.

ARCHITECTURAL PRODUCTS

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STIFFENER ATTACHMENT DETAIL MASONRY CONDITION (TENSION CONNECTION)

SHEET: 4 of 6

ENGINEERING

MASONRY COND.

(TENSION)

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

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

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 NOT SUPPORT ANY LOADS TRANSFERRED FROM THE BUILDING.

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

APR 0 9 2010⁴) INSTALLER TO PROVIDE GASKET MATERIAL BETWEEN DISSIMILAR MATERIALS IN

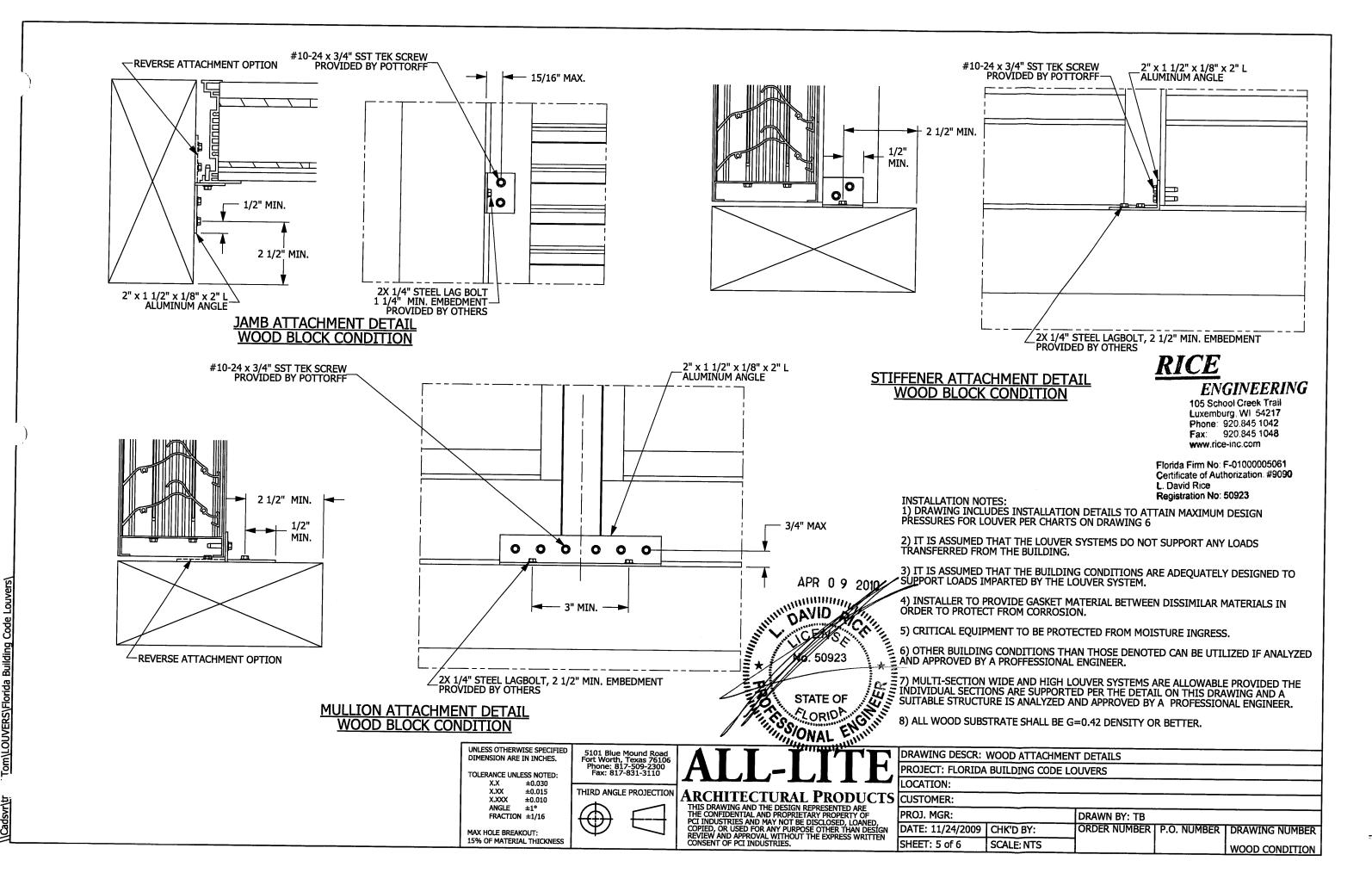
- 5) CRITICAL EQUIPMENT TO BE PROTECTED FROM MOISTURE INGRESS.
- 6) OTHER BUILDING CONDITIONS THAN THOSE DENOTED CAN BE UTILIZED IF ANALYZED APPROVED BY A PROFFESSIONAL ENGINEER.

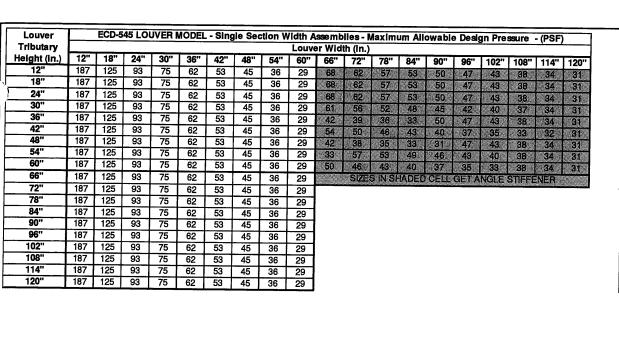
7) MULTI-SECTION WIDE AND HIGH LOUVER SYSTEMS ARE ALLOWABLE PROVIDED THE INDIVIDUAL SECTIONS ARE SUPPORTED PER THE DETAIL ON THIS DRAWING AND A SUITABLE STRUCTURE IS ANALYZED AND APPROVED BY A PROFESSIONAL ENGINEER.

8) ALL CONCRETE SUBSTRATE SHALL BE BE 2000 PSI OR STRONGER.

SCALE: NTS

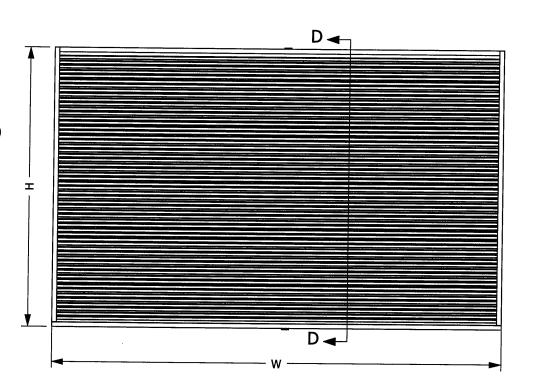
DRAWING DESCR: MASONRY ATTA	CHMENT DETAILS							
PROJECT: FLORIDA BUILDING COD	E LOUVERS							
LOCATION:								
CUSTOMER:								
PROJ. MGR:	DRAWN BY: TB							
DATE: 11/24/2009 CHK'D BY:	ORDER NUMBER P.O. NUMBER DRAWING NUMBER							

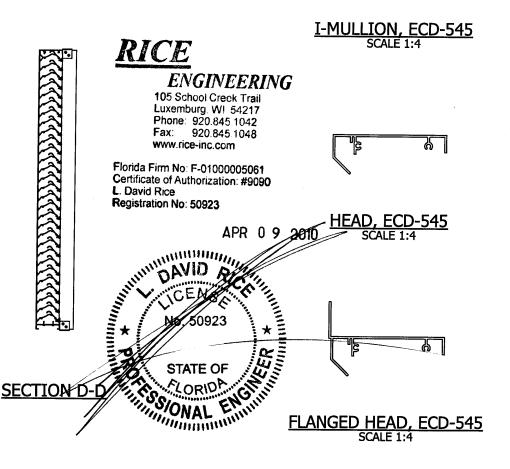




Louver	- (P31)									PSF)									
Tributary	400	Louver Width (In.)																	
Height (in.)	12"	18"	24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"	114"	120
12"	187	125	93	75	62	53	45	36	29	68	(32)	57	53	50	47	43	38	34	31
18"	187	125	93	75	62	53	45	36	29	68	62	57	53	50	47	43	38	34	31
24"	187	125	93	75	62	53	45	36	29	68	62	57	53	50	47	43	38	34	31
30"	187	125	93	75	62	53	45	36	29	61	56	52	48	45	42	40	37	34	31
36"	187	125	93	75	62	53	45	36	29	42	39	36	33	50		43	38		0000000
42"	187	125	93	75	62	53	45	36	29	54	50	46	48		47	* **********		34	31
48"	187	125	93	75	62	53	45	36	29		38			40	37	35	33	32	31
54"	187	125	93	75	62	53	45	36		42		35	33	31	47	43	38	341	31
60"	187	125	93	75					29	33	57	53	49	46	43	40	38	34	31
					62	53	45	36	29	50	46	43	40	37	35	33	34	33	31
66"	187	125	93	75	62	53	45	36	29		SIZES	IN SH	ADED	CELLS	GET	ANGLE	STIFF	ENER	
72"	187	125	93	75	62	53	45	36	29										
78"	187	125	93	75	62	53	45	36	29										
84"	187	125	93	75	62	53	45	36	29										
90"	187	125	93	75	62	53	45	36	29										
96"	187	125	93	75	62	53	45	36	29										
102"	182	122	91	73	61	52	45	36	29	1									
108"	172	115	86	69	57	49	43	36	29	l									
4 4 4 11	100	100		- 00		75			2.5										

Louver	Stiffener Angle Dimensions (b x a x t)								
Height	Width (in)								
(in.)	66" 72" 78" 84" 90" 96" 102" 108" 114" 120								
12"									
18"	2"x1.5"x1/8"								
24"									
30"									
36"									
42"	2"x2"x1/8"								
48"									
54"	25 - 25 - 4/45								
60"	2" x 2" x 1/4" 3" x 2" x 1/4								

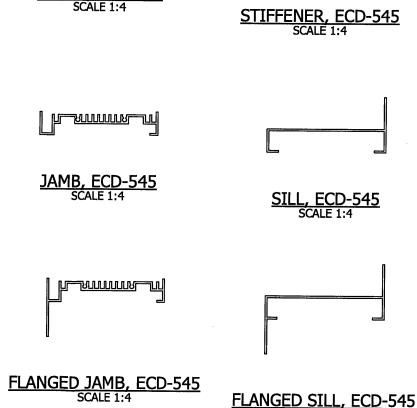




163 109 82 65 54 47 41 36 29

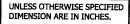
155 103 78 62 52 44 39 34 29

114"



SCALE 1:4

BLADE, ECD-545

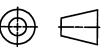


TOLERANCE UNLESS NOTED: ±0.030 ±0.015 X.XXX ±0.010 ANGLE ±1° FRACTION ±1/16

MAX HOLE BREAKOUT: 15% OF MATERIAL THICKNESS



THIRD ANGLE PROJECTION



ARCHITECTURAL PRODUCTS

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DRAWING DESCR	ECD-545, ELEVA	TION & DETAILS						
PROJECT: FLORID				****				
LOCATION:								
CUSTOMER:		7.00						
PROJ. MGR:		DRAWN BY: TB						
DATE: 11/24/2009	CHK'D BY:	ORDER NUMBER	P.O. NUMBER	DRAWING NUMBER				
SHEET: 6 of 6	SCALE: 1:20			ECD-545				