



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

Loren Cook Company
2015 E. Dale Street
Springfield, MO 65803

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model “CP with Inlet Box and Curb Cap” Steel Roof Fan

APPROVAL DOCUMENT: Drawing No. **SD080717-10**, titled “CP Fan with Inlet Box and Curb Cap Hurricane Rated”, sheet 1 through 11 of 11, dated 09/05/2013, prepared by Loren Cook Company, signed and sealed by Jerry T. Miller, P.E. on 07/21/2023, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading ‘Miami-Dade County Product Control Approved’ is to be located on the door’s side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews** and **revises** **NOA No. 21-0405.08** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



NOA No. 23-0821.04
Expiration Date: October 02, 2024
Approval Date: November 09, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS (*Submitted under NOA No. 13-0708.10*)

1. Drawing No. **SD080717-10**, titled "CP Fan with Inlet Box and Curb Cap Hurricane Rated", sheets 1 through 11 of 11, dated 09/05/13, with revision C, prepared by manufacturer, signed and sealed by Bradley F. Skidmore, P.E.

B. TESTS (*Submitted under NOA No. 09-0921.06*)

1. Addendum letter for Test Report No. **NCTL-210-3416-2**, dated 11/03/09, signed and sealed by Gerard J. Ferrara, P.E.
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of 245 centrifugal plenum blowers with inlet box and curb cap exhaust ventilator, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3416-2**, dated 02/07/08 and addendum letter dated 11/03/09, both signed and sealed by Gerard J. Ferrara, P.E. (*Submitted under NOA No. 08-0424.02*)

C. CALCULATIONS (*Submitted under NOA No. 13-0708.10*)

1. Wind loads and anchor verification calculations dated 09/11/13, prepared by manufacturer, signed and sealed by Bradley F. Skidmore, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS (*Submitted under NOA No. 18-0614.03*)

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)** dated 06/08/18, issued by manufacturer, signed and sealed by Bradley F. Skidmore, P.E.
2. Statement letter of no financial interest dated 09/13/13, issued by manufacturer, signed and sealed by Bradley F. Skidmore, P.E. (*Submitted under NOA No. 13-0708.10*)



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0821.04

Expiration Date: October 02, 2024
Approval Date: November 09, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER NOA # 21-0405.08 AND NEW

A. DRAWINGS

1. Drawing No. **SD080717-10**, titled “CP Fan with Inlet Box and Curb Cap Hurricane Rated”, sheet 1 through 11 of 11, 09/05/2013, prepared by Loren Cook Company, signed and sealed by Jerry T. Miller, P.E. on 07/21/2023.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

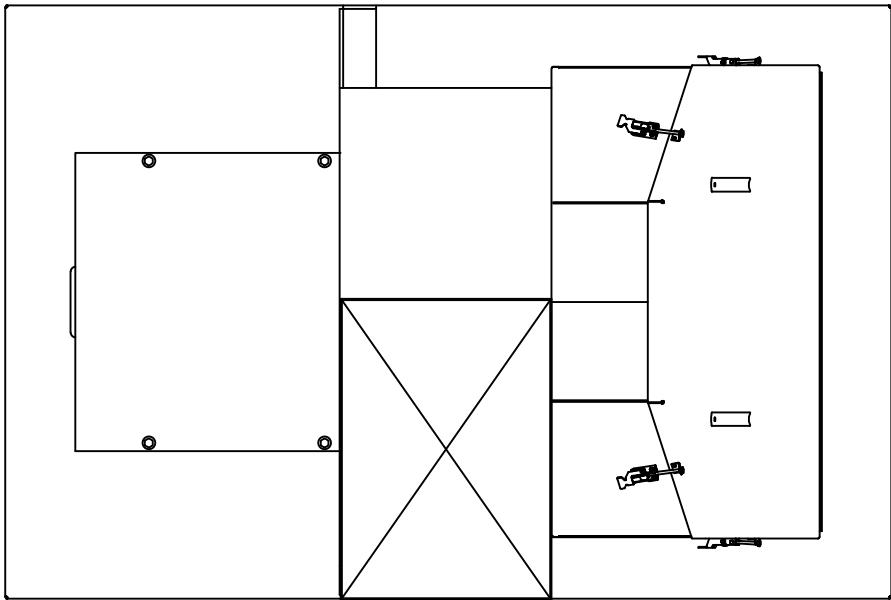
1. None.

F. STATEMENTS

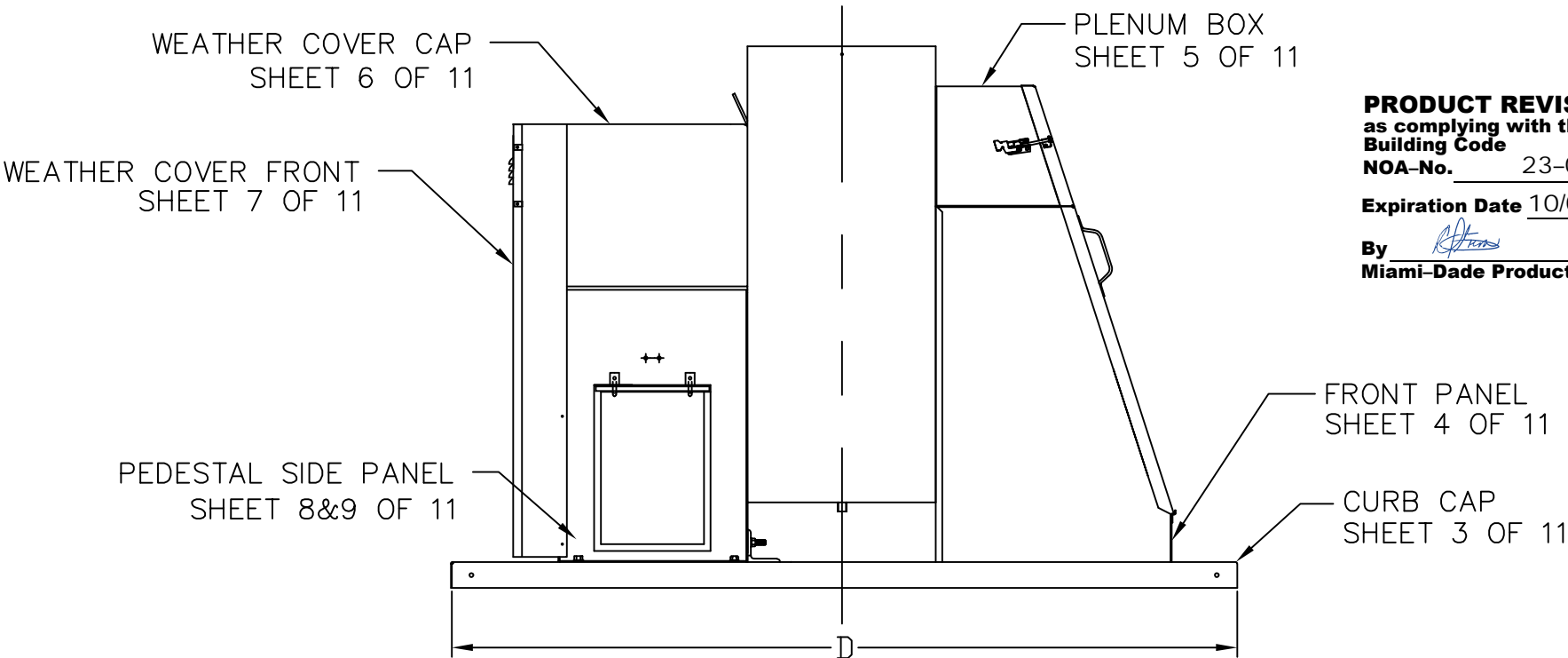
1. Statement letter of conformance, complying with 8th edition (2023) of the FBC, issued by Miller Engineering, dated 07/28/2023, signed and sealed by Jerry T. Miller, P.E.
2. Statement letter of no financial interest, issued by Miller Engineering, dated 10/12/2023, signed and sealed by Jerry T. Miller, P.E.
3. Testing contract letter, issued by Intertek, dated 09/28/2023, signed by Cassandra Matthews.
4. Statement letter of conformance, complying with FBC 7th Edition (2020) dated March 19, 2021, issued by manufacturer, signed and sealed by Bradley F. Skidmore, P.E.



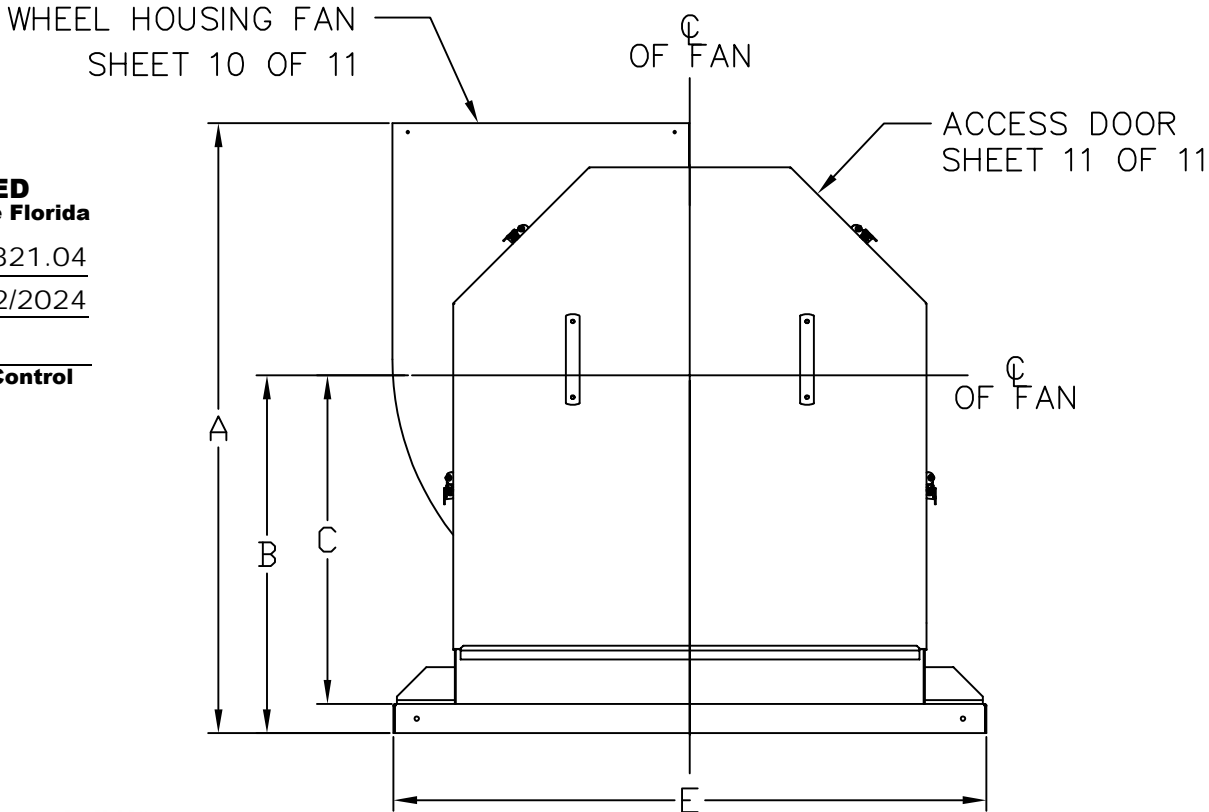
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0821.04
Expiration Date: October 02, 2024
Approval Date: November 09, 2023



245	53 3/8	31 5/8	29 5/8	75 1/2	51 1/2
225	49 5/8	29	27	72 1/2	49 1/2
210	47 3/8	27 3/8	25 3/8	69 1/2	47 1/2
195	43 1/2	25 11/16	23 11/16	66 1/2	43 1/2
180	41 11/16	24 1/16	22 1/16	60 1/2	40 1/2
165	38 13/16	22 7/16	20 7/16	58 1/2	38 1/2
150	36 3/8	21 1/2	19 1/2	55 1/2	36 1/2
135	33 7/8	20	18	53 1/2	33 1/2
120	33 3/8	20	18	48 1/2	31 1/2
100	32 3/4	20	18	47 1/2	31 1/2
80	32 3/4	20	18	47 1/2	31 1/2
70	32 3/4	20	18	47 1/2	31 1/2
60	32 3/4	20	18	47 1/2	31 1/2
UNIT	A	B	C	D	E
SIZE	DIM	DIM	DIM	DIM	DIM



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By *[Signature]*
Miami-Dade Product Control



NOTE:
DESIGN PRESSURE: +/- 45 PSF
IMPACT RATING: LARGE MISSILE IMPACT RESISTANT
ALL DIMENSIONS IN INCHES

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386


[Signature]

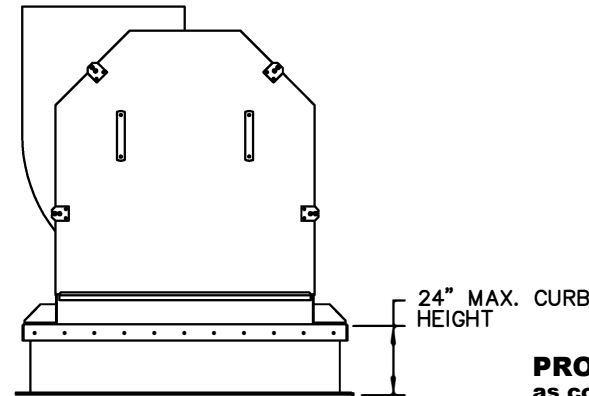
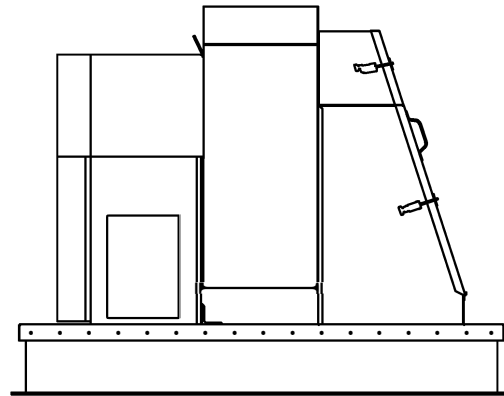
No 89925


STATE OF FLORIDA

PROFESSIONAL ENGINEER

7/21/23

MAT'L		-			LOREN COOK CO.		
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT		
DESIGNER		BFS	SHEET 1 OF 11		SPRINGFIELD, MISSOURI		
DO NOT SCALE DRAWING					CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED		
TOLERANCES UNLESS OTHERWISE NOTED							
DECIMAL		FRACTIONAL					
.XX=±.063"		≤12"=±1/16"			SIZE	DRAWING NO.	REV.
.XXX=±.010"		>12" THRU 96"=±1/8"					
.XXXX=±.001"		>96" THRU 144"=±1/4"			B	SD080717-10	C
ANGULAR		≥144"=±3/8"					
±2°		(NC)=NO INSPECTION REQ'D					



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By 
Miami-Dade Product Control

NOTES:

- 1) CP MODEL FAN AS REFERRED TO HEREIN REFERS TO ALL LOREN COOK MODEL CP VENT SETS INCLUDING BUT NOT LIMITED TO MODELS CPV, CPA, AND CPS UNITS WHICH ARE CONSTRUCTED WITH THE SAME PAINTED STEEL OUTER HOUSING COMPONENTS AND ARE EQUIPPED WITH A CURB CAP AND INLET BOX.
- 2) THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL PART.
- 3) THIS PRODUCT HAS NOT BEEN TESTED FOR WATER PENETRATION ACCORDING TO FLORIDA BUILDING CODE, TAS 100(A), WIND DRIVEN RAIN TEST. IT CANNOT BE INSTALLED WITHIN THE RIDGE AREA (FBC 1523.6.5.2.13)
- 4) UNIT IS TO INCLUDE A CURB CAP AND INLET BOX TO FACILITATE ROOF MOUNTING ON A ROOF CURB THAT IS ADEQUATELY ATTACHED TO THE ROOF STRUCTURE TO SUSTAIN ALL FORCES WHICH MAY BE PRODUCED BY THE PRESCRIBED ENVIROMENTAL FORCES EXERTED ON THE FAN AND CURB.

CONCRETE DECK: CURB IS TO BE ATTACHED WITH WEDGE TYPE CONCRETE ANCHOR – MINIMUM 3/8" DIAMETER CARBON STEEL – HILTI KWIK BOLT 3 OR EQUAL.
MINIMUM 2-1/2" OF ENGAGEMENT IN 2000 PSI MINIMUM CONCRETE.
MINIMUM DECK THICKNESS IS 4". ANCHORS ARE TO BE INSTALLED 4" FROM EACH CORNER AND EQUALLY SPACED, SEE TABLE FOR QUANTITY OF ANCHORS PER SIDE.

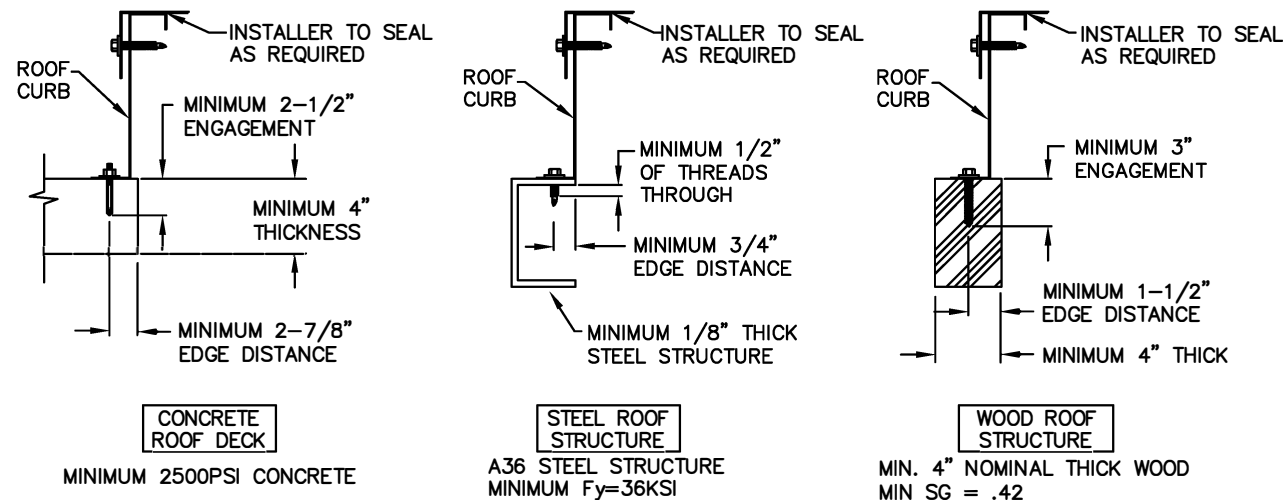
STEEL ROOF STRUCTURE: CURB IS TO BE ATTACHED WITH SELF-DRILLING STEEL SCREWS OF MINIMUM NOMINAL SIZE OF 1/4" DIAMETER AND SCREWS SHALL PASS THROUGH STEEL AT LEAST 1/2". THE SCREWS SHALL BE INSTALLED 4" FROM EACH CORNER AND EQUALLY SPACED BETWEEN. SEE TABLE FOR MINIMUM QUANTITY OF SCREWS REQUIRED PER CURB SIDE.

WOOD ROOF STRUCTURE: CURB IS TO BE ATTACHED WITH STEEL LAG BOLTS NOMINAL SIZE OF 3/8" DIAMETER OR LARGER. WOOD IS TO BE 4" NOMINAL SIZE OR GREATER. THE BOLT SHALL HAVE A MINIMUM OF 3" OF THREAD ENGAGEMENT. BOLTS SHALL BE INSTALLED 4" FROM EACH CORNER AND EQUALLY SPACED BETWEEN. SEE TABLE FOR MINIMUM QUANTITY OF LAG BOLTS REQUIRED PER CURB SIDE.

- 5) THE CURB SHALL BE CONSTRUCTED OF G-90 GALVANIZED STEEL OR STAINLESS STEEL. THE CURB MATERIAL THICKNESS SHALL BE 18 GA OR GREATER AND HEIGHT SHALL NOT EXCEED 24".
- 6) THE CP FAN SHALL BE ATTACHED TO THE CURB WITH ONE OF THE FOLLOWING METHODS INSTALLED ON ALL FOUR SIDES OF THE CURB CAP. THE FASTENERS SHALL BE AT LEAST 3" FROM THE UNIT CORNER AND THE QUANTITY OF FASTENERS SHALL EQUAL OR EXCEED THE QUANTITY SHOWN IN THE FASTENER TABLE.
 - A) #12 X 2" HEX WASHER HEAD SCREW SELF-DRILLING SCREW
 - B) ALTERNATE FASTENER – .25" HEX HEAD BOLT WITH COMPANION NUT INSTALLED ON THE INTERIOR OF THE CURB.

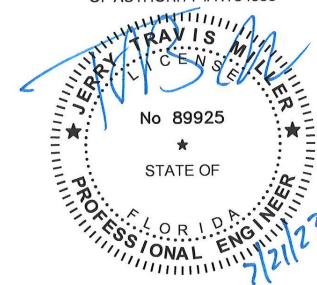
- 7) ALL FASTENERS ARE TO BE HIGH QUALITY CORROSION RESISTANT STEEL OR STAINLESS STEEL.
- 8) ANY GAP BETWEEN THE CURB AND CURB CAP SHALL BE FILLED BY THE INSTALLING CONTRACTOR WITH A SUITABLE CORROSION RESISTANT MATERIAL THAT ALLOWS THE FASTENERS TO BE INSTALLED WITHOUT CAUSING EXCESSIVE DISTORTION OF THE UNIT FLANGES.
- 9) THE INSTALLER IS RESPONSIBLE FOR CHECKING THAT ALL FASTENERS ARE PROPERLY INSTALLED AND ALL ACCESS PANELS ARE IN PLACE BEFORE PUTTING THE UNIT INTO SERVICE.
- 10) ALL FASTENERS AND ACCESS PANELS MUST BE PROPERLY INSTALLED AFTER MAINTENANCE OPERATIONS FOR UNIT TO MAINTAIN CODE COMPLIANCE.


ATTACHMENT OF CURB TO ROOF STRUCTURE



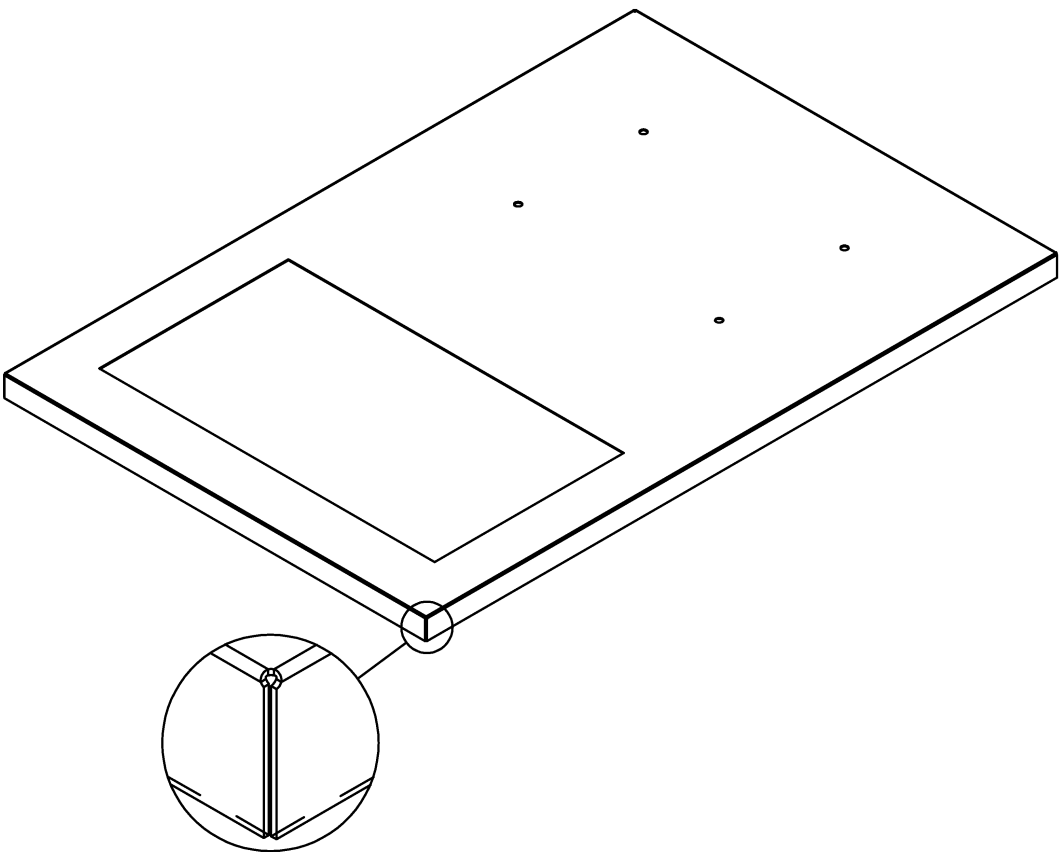
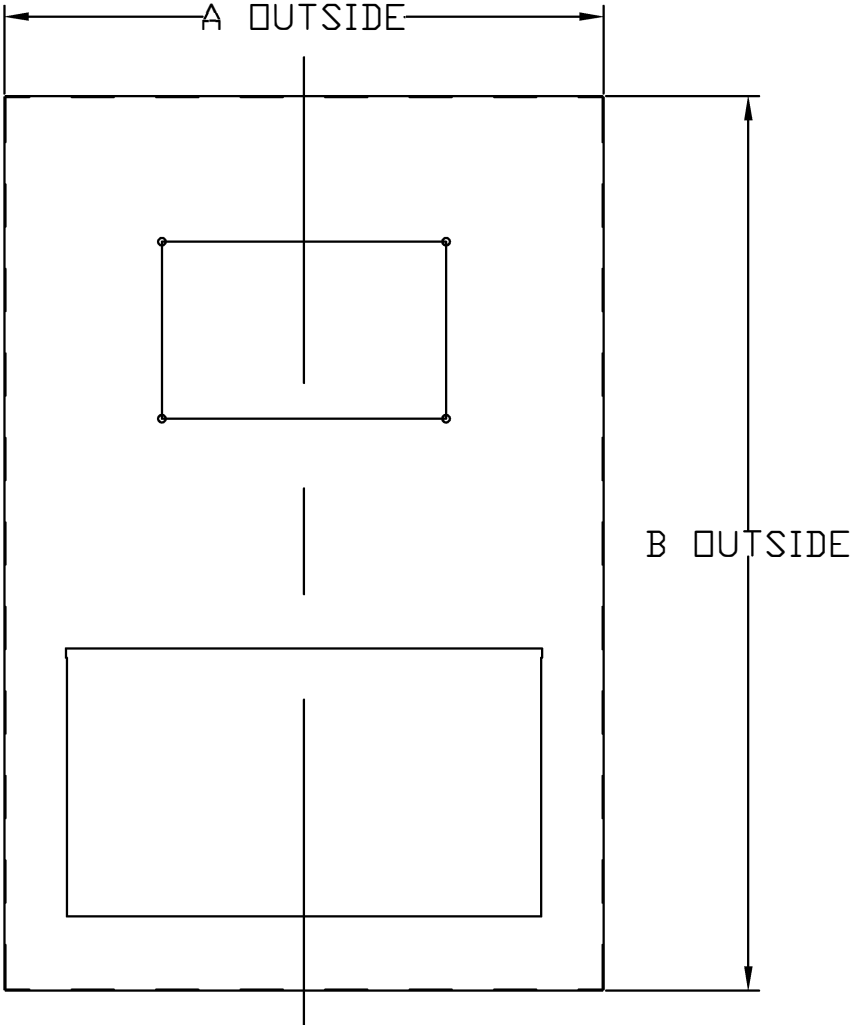
UNIT SIZE	MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH UNIT TO CURB		MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH CURB TO CONCRETE AND STEEL ROOF STRUCTURE		MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH CURB TO WOOD ROOF STRUCTURE	
	LONG SIDE	SHORT SIDE	LONG SIDE	SHORT SIDE	LONG SIDE	SHORT SIDE
60	11	7	8	5	12	7
70	11	7	8	5	12	7
80	11	7	8	5	12	7
100	11	7	8	5	12	7
120	11	7	9	5	12	7
135	12	7	9	5	12	7
150	13	8	9	6	14	8
165	14	9	10	6	14	8
180	15	9	10	6	15	9
195	16	10	12	7	17	10
210	16	11	12	8	18	12
225	17	11	12	10	20	12
245	18	12	14	10	22	14

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386



MAT'L		—			<u>LOREN COOK CO.</u>	
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT	
DESIGNER		BFS	SHEET 2 OF 11		SPRINGFIELD, MISSOURI	
DO NOT SCALE DRAWING						
TOLERANCES UNLESS OTHERWISE NOTED						
DECIMAL		FRACTIONAL				
.XX=±.063"		≤12"=±1/16"				
.XXX=±.010"		>12" THRU 96"=±1/8"				
.XXXX=±.001"		>96" THRU 144"=±1/4"				
ANGULAR		>144"=±3/8"				
±2'		(NC)=NO INSPECTION REQ'D				



CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED		
SIZE	DRAWING NO.	REV.
B	SD080717-10	C

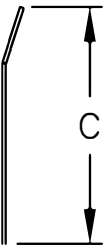
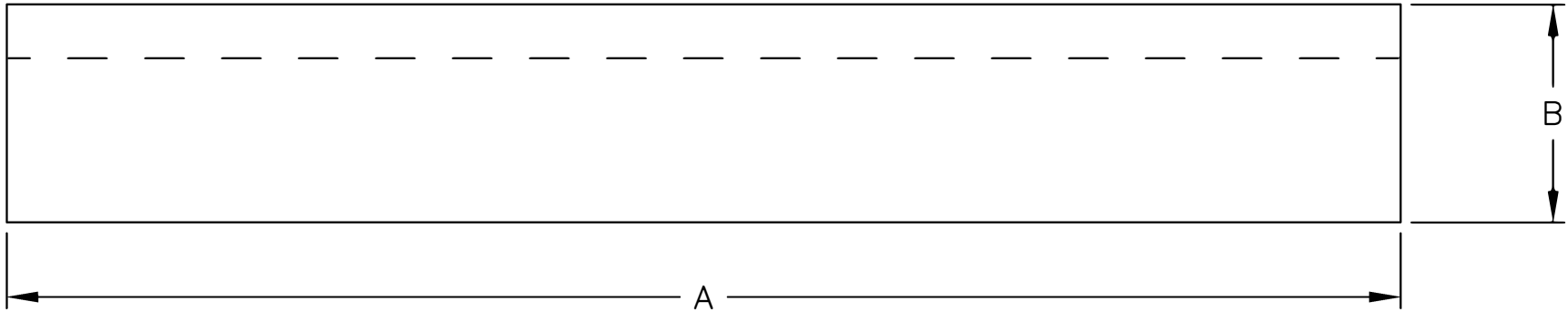


245	51 1/2	75 1/2
225	49 1/2	72 1/2
210	47 1/2	69 1/2
195	43 1/2	66 1/2
180	40 1/2	60 1/2
165	38 1/2	58 1/2
150	36 1/2	55 1/2
135	33 1/2	53 1/2
120	31 1/2	48 1/2
100	31 1/2	47 1/2
80	31 1/2	47 1/2
70	31 1/2	47 1/2
60	31 1/2	47 1/2
UNIT	A	B
SIZE	DIM	DIM

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By *[Signature]*
Miami-Dade Product Control

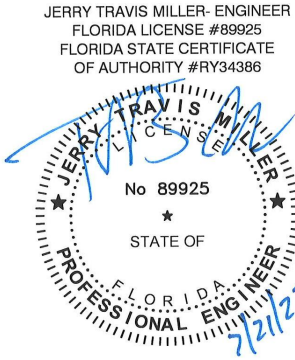


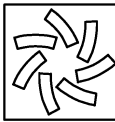
MAT'L		A1011 SHEET 14 GA.			LOREN COOK CO.		
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT		
DESIGNER		BFS	SHEET 3 OF 11		SPRINGFIELD, MISSOURI		
DO NOT SCALE DRAWING						CP FANE WITH INLET BOX	
TOLERANCES UNLESS OTHERWISE NOTED						AND CURB CAP	
<u>DECIMAL</u>		<u>FRACTIONAL</u>				HURRICANE RATED	
.XX=±.063"		≤12"=±1/16"				SIZE	DRAWING NO.
.XXX=±.010"		>12" THRU 96"=±1/8"					
.XXXX=±.001"		>96" THRU 144"=±1/4"				B	SD080717-10
		>144"=±3/8"					
<u>ANGULAR</u>							
±2°		(NC)=NO INSPECTION REQ'D					

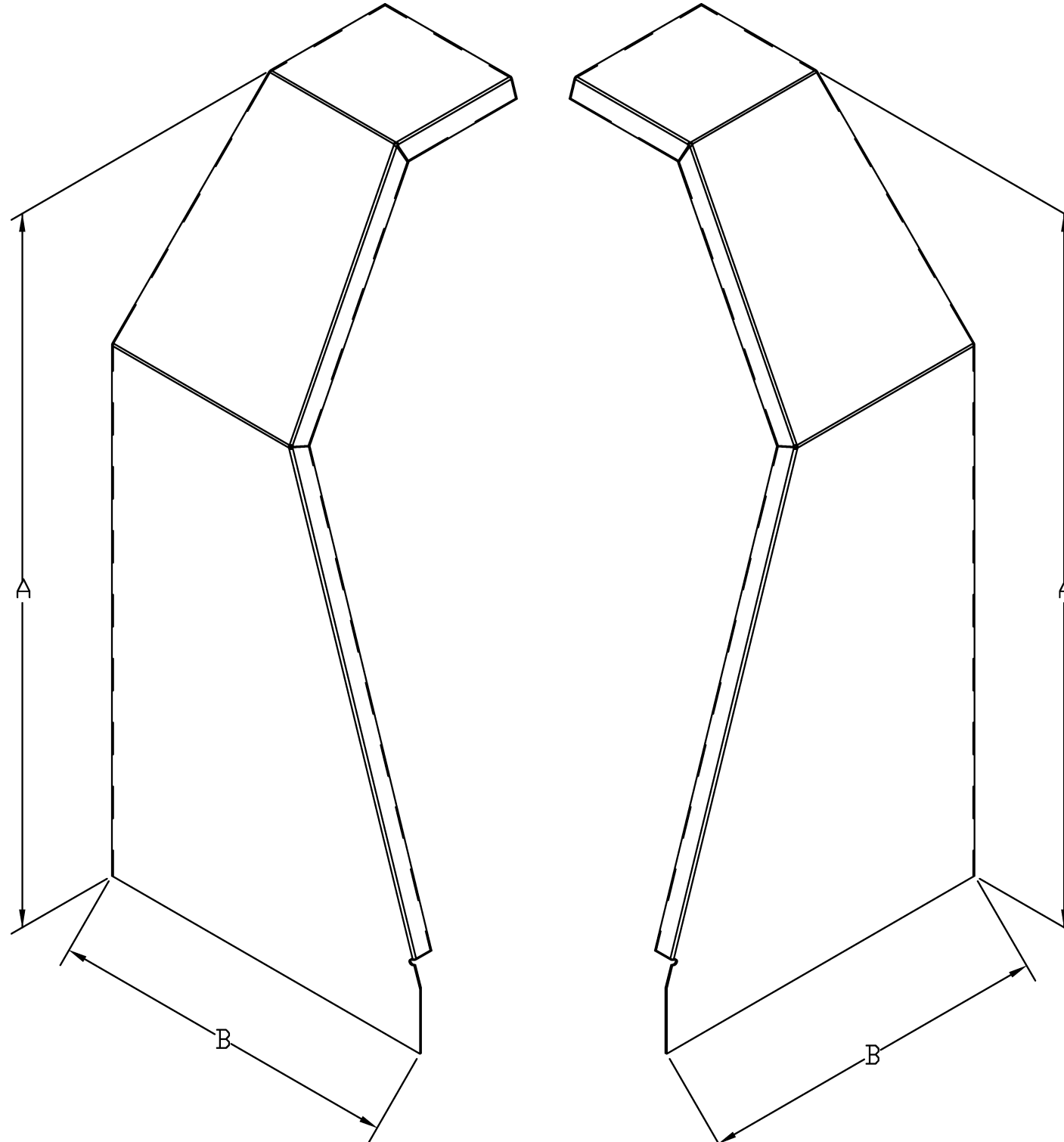


245	42.50	6.70	6.66
225	40.31	5.96	5.92
210	37.75	5.96	5.92
195	34.38	5.20	5.16
180	31.94	4.98	4.93
165	29.63	4.29	4.26
150	27.50	5.96	5.92
135	25.00	3.95	3.90
120	22.63	3.95	3.90
100	22.63	3.95	3.90
80	22.63	3.95	3.90
70	22.63	3.95	3.90
60	22.63	3.95	3.90
UNIT	A	B	C
SIZE	DIM	DIM	DIM

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By *[Signature]*
Miami-Dade Product Control



MAT'L		A1011 HRS 14 GA.			<u>LOREN COOK CO.</u>								
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT								
DESIGNER		BFS	SHEET 4 OF 11		SPRINGFIELD, MISSOURI								
DO NOT SCALE DRAWING					CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED								
TOLERANCES UNLESS OTHERWISE NOTED													
<u>DECIMAL</u>		<u>FRACTIONAL</u>											
.XX=±.063"		≤12"=±1/16"											
.XXX=±.010"		>12" THRU 96"=±1/8"			SIZE			DRAWING NO.			REV.		
.XXXX=±.001"		>96" THRU 144"=±1/4"											
ANGULAR		>144"=±3/8"			B			SD080717-10			C		
±2°		(NC)=NO INSPECTION REQ'D											



LEFT SIDE SHOWN

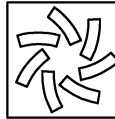
RIGHT SIDE SHOWN

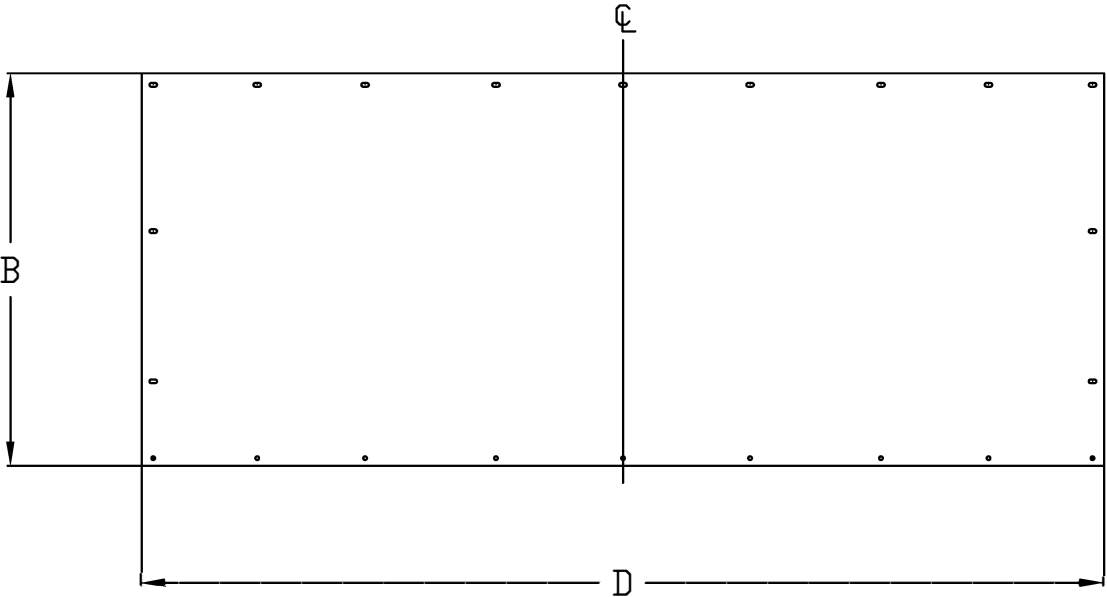
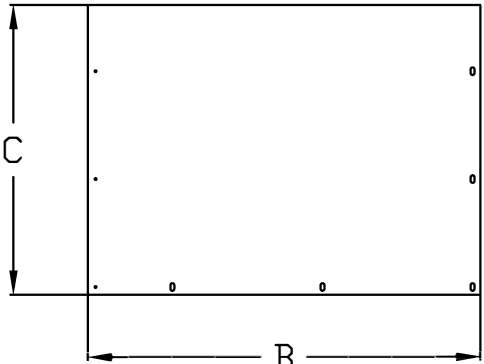
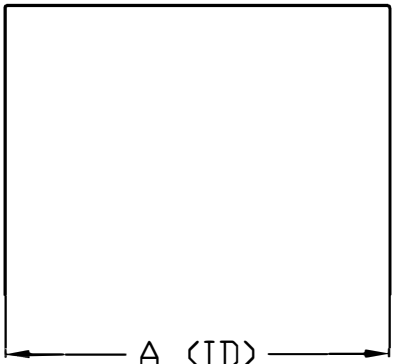
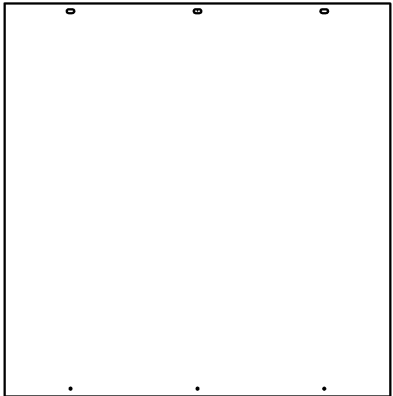
JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386

[Signature]
No 89925
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7/21/23

245	48 11/16	24
225	45 7/8	22 5/8
210	43 1/8	21 1/8
195	39 1/2	19 3/8
180	36 9/16	18
165	34	16 5/8
150	32 3/8	15 1/2
135	30	14
120	30	12 3/4
100	30	12 3/4
80	30	12 3/4
70	30	12 3/4
60	30	12 3/4
UNIT	A	B
SIZE	DIM	DIM


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By *[Signature]*
Miami-Dade Product Control

MAT'L		A1011 HRS SHEET 14 GA.			LOREN COOK CO.		
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT		
DESIGNER		BFS	SHEET 5 OF 11		SPRINGFIELD, MISSOURI		
DO NOT SCALE DRAWING					<div>CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED</div>		
TOLERANCES UNLESS OTHERWISE NOTED							
DECIMAL		FRACTIONAL					
.XX=±.063"		≤12"=±1/16"					
.XXX=±.010"		>12" THRU 96"=±1/8"					
.XXXX=±.001"		>96" THRU 144"=±1/4"		SI ZE		DRAWI NG NO.	REV.
ANGULAR		>144"=±3/8"		B		SD080717-10	C
±2°		(NC)=NO INSPECTION REQ'D					

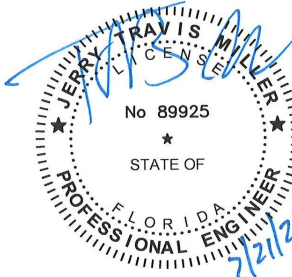



FLAT PATTERN
PART IS SYMMETRICAL ABOUT C/L

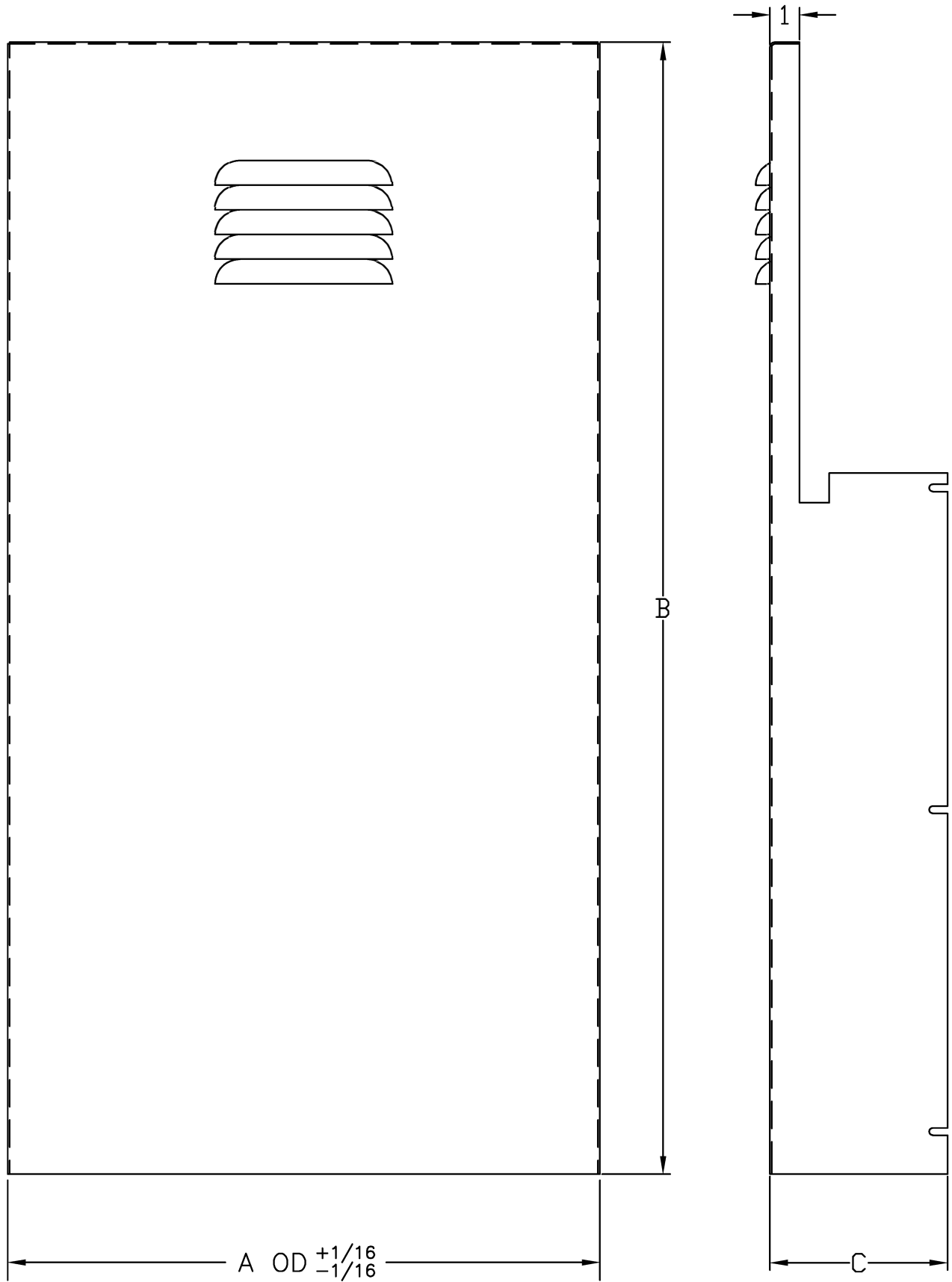
245	23 1/8	23 3/16	16 15/16	56 7/8
225	21 1/16	23 3/16	15 15/16	52 13/16
210	20 1/16	23 3/16	15 7/16	50 13/16
195	18 1/16	22 3/16	13 15/16	45 13/16
180	18 1/16	19 3/16	13 7/16	44 13/16
165	16 1/16	19 3/16	12 9/16	41 1/16
150	16 1/16	19 3/16	11 9/16	39 1/16
135	16 1/16	19 3/16	10 9/16	37 1/16
120	16 1/16	17 3/16	9 13/16	35 9/16
100	16 1/16	17 3/16	8 13/16	33 9/16
UNIT	A	B	C	D
SIZE	DIM	DIM	DIM	DIM

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By 
Miami-Dade Product Control


JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386

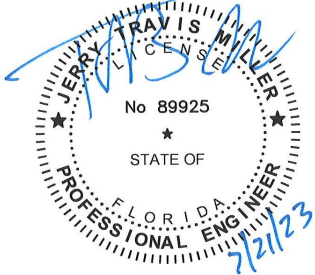



MAT'L		A1011 STL. 16 GA.			LOREN COOK CO.	
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT	
DESIGNER		BFS	SHEET 6 OF 11		SPRINGFIELD, MISSOURI	
DO NOT SCALE DRAWING					CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED	
TOLERANCES UNLESS OTHERWISE NOTED						
<u>DECIMAL</u>		<u>FRACTIONAL</u>				
.XX=±.063"		≤12"=±1/16"				
.XXX=±.010"		>12" THRU 96"=±1/8"				
.XXXX=±.001"		>96" THRU 144"=±1/4"		SIZE	DRAWING NO.	REV.
ANGULAR		>144"=±3/8"				
±2°		(NC)=NO INSPECTION REQ'D		B	SD080717-10	C

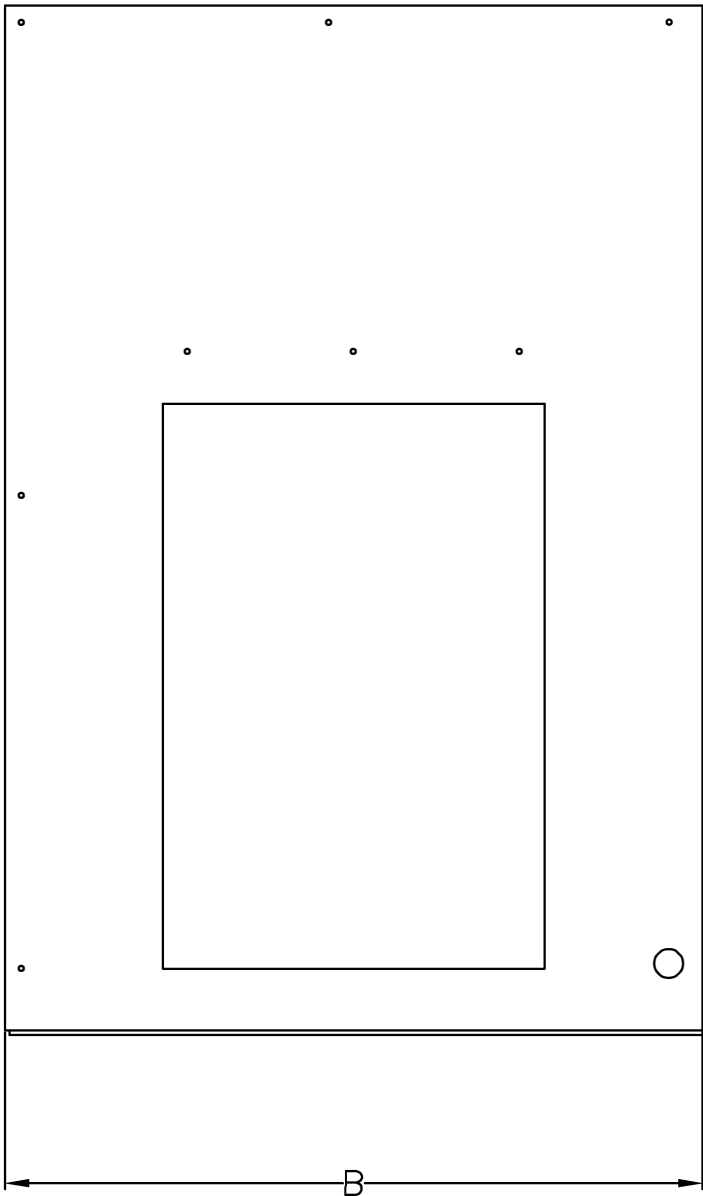
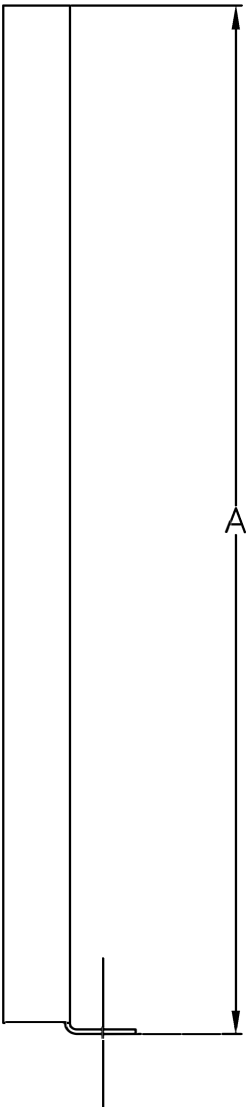
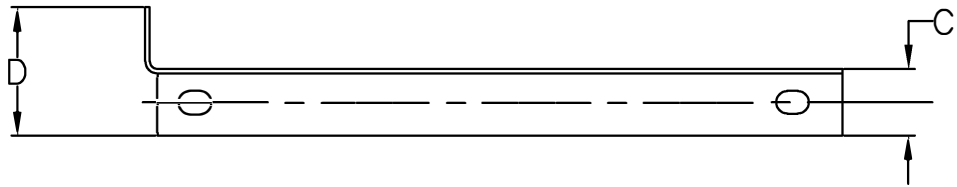


245	250	23	44	6
225	220	21	40 3/8	6
210	—	20	38 1/4	6
195	—	18	35 1/8	5
180	180	18	33	5
165	—	16	30 7/8	5
150	150	16	28 1/2	5
135	—	16	26 3/8	5
120	120	16	25 5/8	5
100	100	16	24 11/16	5
CPS/CPV	CPFB	A	B	C
SIZE		DIM	DIM	DIM


PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By 
Miami-Dade Product Control

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386


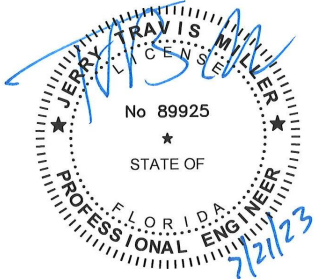
MAT'L		A1011 HR STEEL 18 GA.		 LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI
DRAWN		JMD	09/05/13	
DESIGNER		BFS	SHEET 7 OF 11	
DO NOT SCALE DRAWING				
TOLERANCES UNLESS OTHERWISE NOTED				
<u>DECIMAL</u> .XX=±.063" .XXX=±.010" .XXXX=±.001"		<u>FRACTIONAL</u> ≤12"=±1/16" >12" THRU 96"=±1/8" >96" THRU 144"=±1/4" >144"=±3/8"		
<u>ANGULAR</u> ±2'		(NC)=NO INSPECTION REQ'D		
CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED				
SIZE		DRAWING NO.		REV.
B		SD080717-10		C





245	28 15/16	18	2	3 7/8	10 GA.
225	26 5/16	18	1 1/2	2 7/8	10 GA.
210	24 11/16	18	1 1/2	2 7/8	10 GA.
195	23	18	1 1/2	2 7/8	10 GA.
UNIT	A	B	C	D	E
SIZE	DIM	DIM	DIM	DIM	DIM

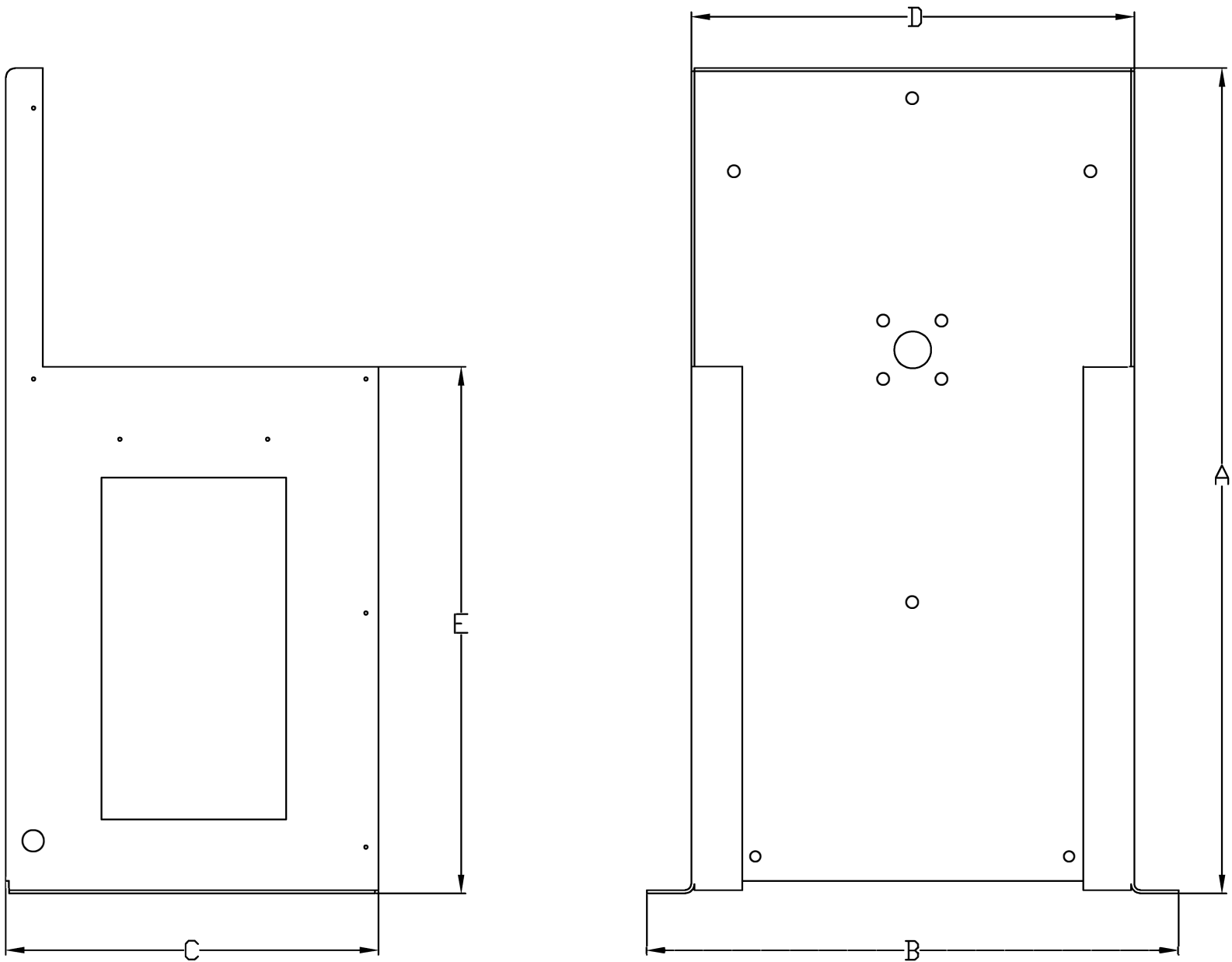
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By 
Miami-Dade Product Control

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386



MAT'L	A1011 SHEET STL, E GA.			LOREN COOK CO.	
DRAWN	JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT	
DESIGNER	BFS	SHEET 8 OF 11		SPRINGFIELD, MISSOURI	
DO NOT SCALE DRAWING				CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED	
TOLERANCES UNLESS OTHERWISE NOTED					
DECIMAL		FRACTIONAL			
.XX=±.063"		≤12"=±1/16"			
.XXX=±.010"		>12" THRU 96"=±1/8"			
.XXXX=±.001"		>96" THRU 144"=±1/4"	SIZE	DRAWING NO.	REV.
ANGULAR ±2'		>144"=±3/8"	B	SD080717-10	C
(NC)=NO INSPECTION REQUIRED					

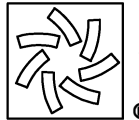

NOTES:
1. 2 REQUIRED, BEND ONE OPPOSITE



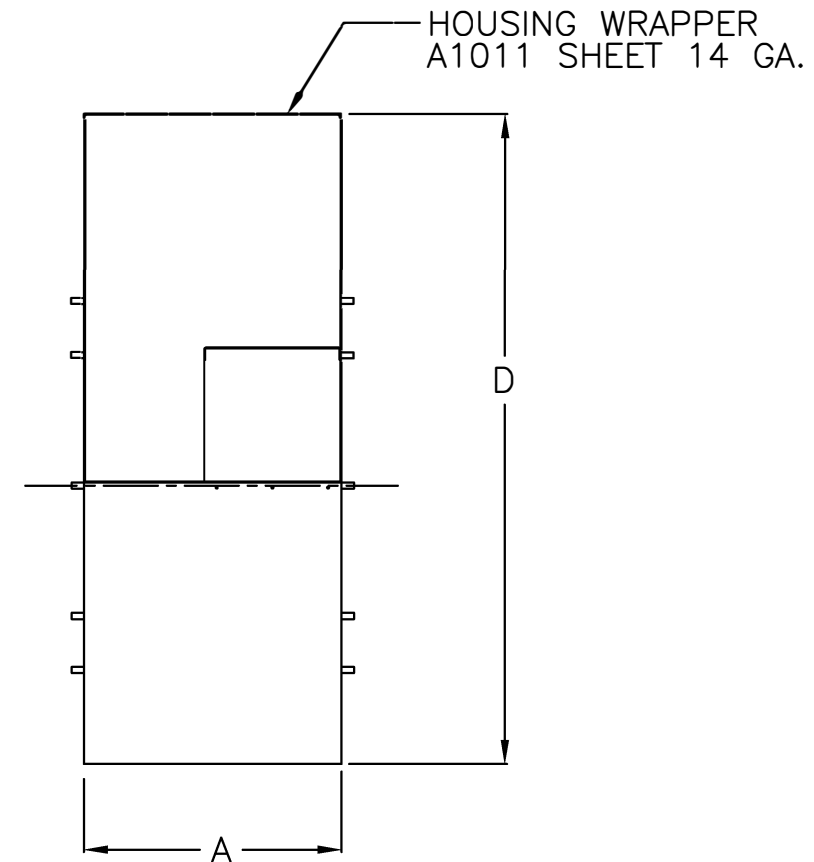
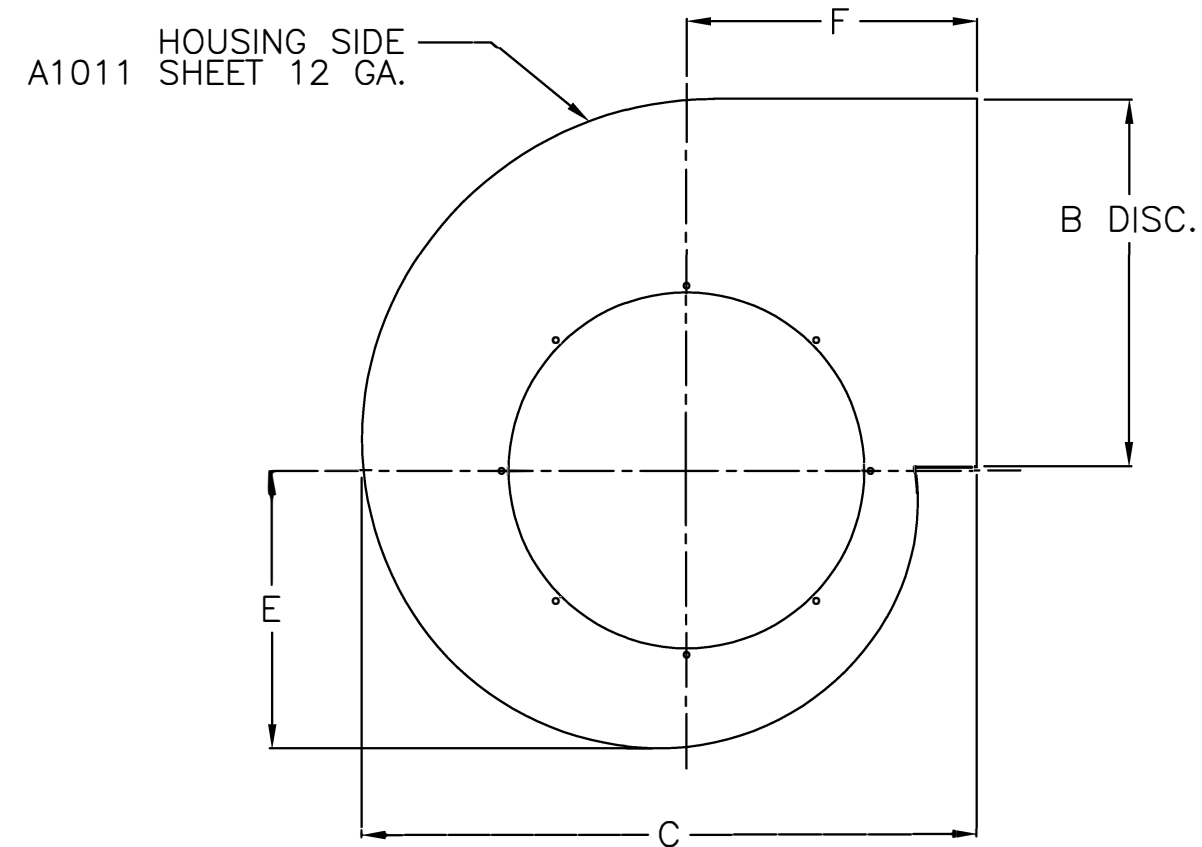
180	33 1/2	20 3/4	15 1/8	18	21 3/8	10 GA.
165	31 3/8	18 3/4	15 1/8	16	20 1/8	10 GA.
150	29	18 3/4	15 1/8	16	18 3/4	12 GA.
135	26 15/16	18 3/4	15 1/8	16	17 11/16	12 GA.
120	26 3/16	18 3/4	13 1/8	16	17 11/16	12 GA.
100	25 3/16	18 3/4	13 1/8	16	17 11/16	12 GA.
SIZE	A	B	C	D	E	F
UNIT	DIM	DIM	DIM	DIM	DIM	DIM

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386


[Signature]
JERRY TRAVIS MILLER
No 89925
STATE OF FLORIDA
PROFESSIONAL ENGINEER
7/21/23

MAT'L		A1011 HRS F GA.			<u>LOREN COOK CO.</u>			
DRAWN		JMD	09/05/13		MANUFACTURERS OF AIR MOVING EQUIPMENT			
DESIGNER		BFS	SHEET 9 OF 11		SPRINGFIELD, MISSOURI			
						CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED		
DO NOT SCALE DRAWING								
TOLERANCES UNLESS OTHERWISE NOTED								
<u>DECIMAL</u>		<u>FRACTIONAL</u>						
.XX=±.063"		≤12"=±1/16"						
.XXX=±.010"		>12" THRU 96"=±1/8"						
.XXXX=±.001"		>96" THRU 144"=±1/4"						
<u>ANGULAR</u>		>144"=±3/8"						
±2°		(NC)=NO INSPECTION REQ'D			SIZE	DRAWING NO.	REV.	
					B	SD080717-10	C	

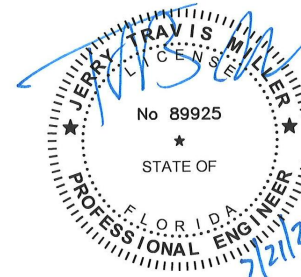
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By *[Signature]*
Miami-Dade Product Control

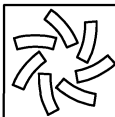


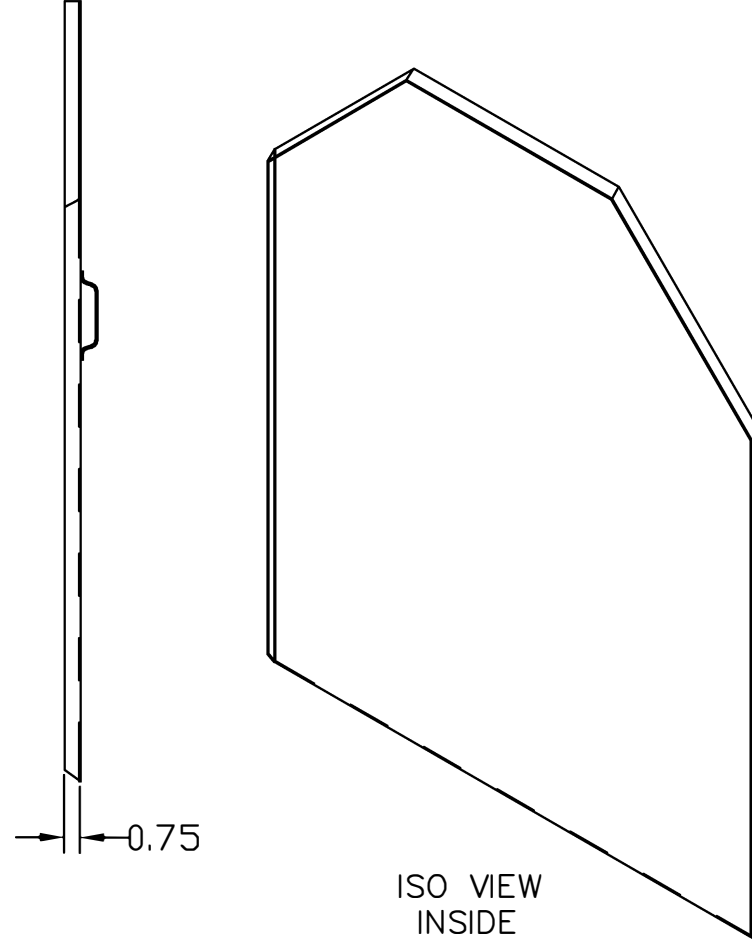
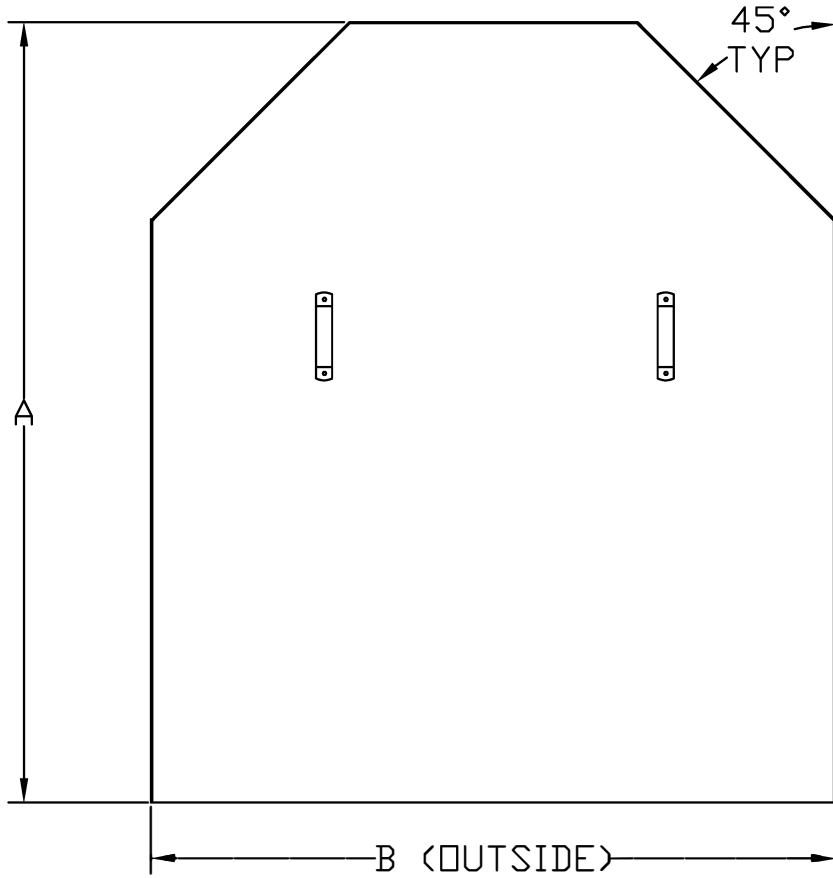
245	18 3/4	26 13/16	45 1/16	46 1/2	20 1/16	21 3/4
225	17 3/16	24 5/8	42	42 13/16	18 7/16	20 5/8
210	16 1/16	23	39 15/16	40 1/16	17 3/16	20
195	14 15/16	21 5/16	36 5/16	37 1/8	15 15/16	17 13/16
180	13 3/4	19 11/16	34 3/4	34 3/16	14 3/4	17 5/8
165	12 5/8	18 1/16	32 1/16	31 5/16	13 1/2	16 3/8
150	11 7/16	16 7/16	29 9/16	29 1/2	12 15/16	15 5/16
135	10 5/16	14 3/4	26 11/16	25 3/4	11 1/16	13 7/8
120	9 3/16	13 1/8	24 13/16	22 13/16	9 13/16	13 3/8
100	7 9/16	10 15/16	22 1/4	19	8 1/16	12 3/4
UNIT	A	B	C	D	E	F
SIZE	DIM	DIM	DIM	DIM	DIM	DIM

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By 
Miami-Dade Product Control

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386



MAT'L		SEE NOTE			<u>LOREN COOK CO.</u>	
DRAWN	JMD	09/05/13			MANUFACTURERS OF AIR MOVING EQUIPMENT	
DESIGNER	BFS	SHEET 10 OF 11			SPRINGFIELD, MISSOURI	
DO NOT SCALE DRAWING						CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED
TOLERANCES UNLESS OTHERWISE NOTED						
<u>DECIMAL</u> .XX=±.063" .XXX=±.010" .XXXX=±.001"		<u>FRACTIONAL</u> ≤12"=±1/16" >12" THRU 96"=±1/8" >96" THRU 144"=±1/4" >144"=±3/8"				
<u>ANGULAR</u> ±2°		(NC)=NO INSPECTION REQ'D		SIZE	DRAWING NO.	REV.
				B	SD080717-10	C




(PART SYMMETRICAL AROUND CENTERLINE)

245	48.66	42 5/8
225	45.94	40 9/16
210	43.19	38
195	39.52	34 1/2
180	36.57	32 1/8
165	34.01	29 3/4
150	32.44	27 3/4
135	30.01	25 1/8
120	30.01	22 3/4
100	30.01	22 3/4
80	30.01	22 3/4
70	30.01	22 3/4
60	30.01	22 3/4
UNIT	A	B
SIZE	DIM	DIM

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0821.04
Expiration Date 10/02/2024
By RH
Miami-Dade Product Control

JERRY TRAVIS MILLER- ENGINEER
FLORIDA LICENSE #89925
FLORIDA STATE CERTIFICATE
OF AUTHORITY #RY34386
No 89925
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7/21/23

MAT'L	A1011 HRS SHEET 14 GA.			 ®	<u>LOREN COOK CO.</u> MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI			
DRAWN	JMD	09/05/13			CP FAN WITH INLET BOX AND CURB CAP HURRICANE RATED	SIZE	DRAWING NO.	REV.
DESIGNER	BFS	SHEET 11 OF 11						
DO NOT SCALE DRAWING								
TOLERANCES UNLESS OTHERWISE NOTED								
<u>DECIMAL</u>		<u>FRACTIONAL</u>						
.XX=±.063"		≤12"=±1/16"						
.XXX=±.010"		>12" THRU 96"=±1/8"						
.XXXX=±.001"		>96" THRU 144"=±1/4"						
ANGULAR		>144"=±3/8"						
±2"		(NC)=NO INSPECTION REQ'D						