



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

**Loren Cook Company
P.O. Box 4047
Springfield, MO 65808**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 ACE Aluminum Roof Fan

APPROVAL DOCUMENT: Drawing No. **SD080717-11**, titled "ACE Power Ventilator Hurricane Rated", sheets 1 through 11 of 11, dated 07/15/08 and 07/16/08, prepared by Loren Cook Company, signed and sealed by John D. Winslow, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten Signature]
9/11/08

**NOA No. 08-0424.03
Expiration Date: October 2, 2013
Approval Date: October 2, 2008
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SD080717-11**, titled "ACE Power Ventilator Hurricane Rated", sheets 1 through 11 of 11, dated 07/15/08 and 07/16/08, prepared by Loren Cook Company, signed and sealed by John D. Winslow, P.E.

B. TESTS

1. 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 Model ACE B, metal roof vent, prepared by Architectural Testing, Inc., Test Report No. **78029.01-801-18**, dated 03/03/08, signed and sealed by Jeffrey T. Kaminski, P.E.

C. CALCULATIONS

1. Wind Load and Anchor verification calculations, prepared by Tom Barrow Co., complying with FBC-2004, dated 02/05/08, signed and sealed by John D. Winslow, P.E.
2. Wind Load and Anchor verification calculations, prepared by Tom Barrow Co., complying with FBC-2004, dated 07/17/08, signed and sealed by John D. Winslow, P.E.

D. QUALITY ASSURANCE

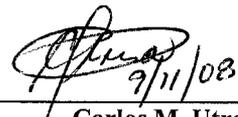
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

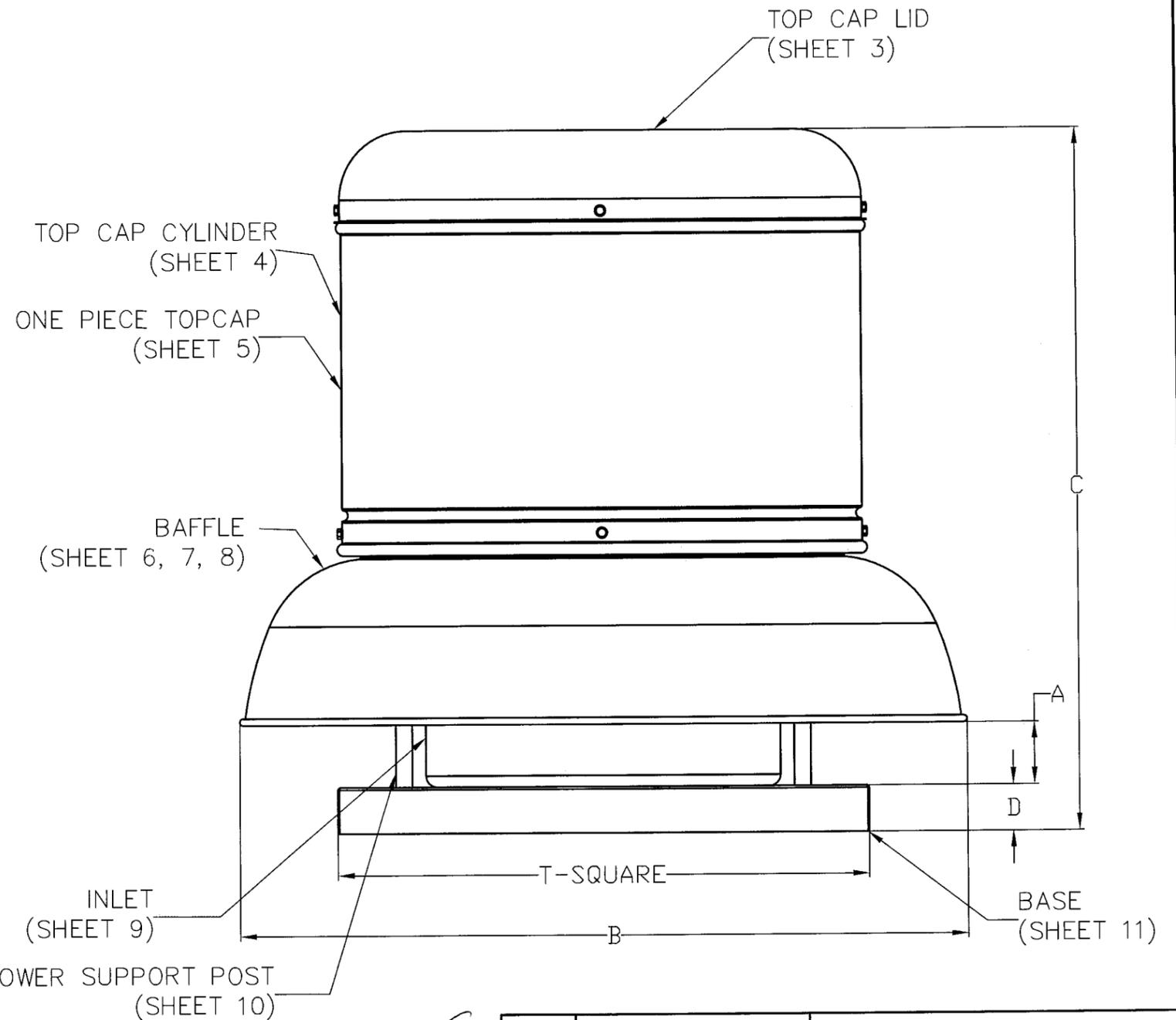
1. Statement letter of conformance issued by Tom Barrow Co., dated 04/09/08, signed and sealed by John D. Winslow, P.E.
2. Statement letter of no financial interest issued by Tom Barrow Co., dated 04/09/08, signed and sealed by John D. Winslow, P.E.
3. Laboratory compliance letter issued by Architectural Testing, Inc., for Test Report No. **78029.01-801-18**, dated 03/04/08, signed and sealed by Jeffrey T. Kaminski, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0424.03

Expiration Date: October 2, 2013
Approval Date: October 2, 2008

300	BELT	6-15/16	52-1/2	48-3/4	3	36
270	BELT	6-1/8	47-1/2	40-1/16	3	36
245	BELT	5-11/16	47-1/2	39-5/8	3	30
225	BELT	4-3/4	43-7/16	37-1/16	3	30
210	BELT	4-3/4	43-7/16	37-1/16	3	30
195	BELT	4-5/8	37-13/16	34-15/16	3	30
180	BELT/DIRECT	4-3/8	37-13/16	34-11/16	3	30
165	BELT/DIRECT	3-7/8	32-15/16	29-7/16	2	24
150	BELT/DIRECT	3-1/2	32-15/16	29-1/16	2	24
135	BELT/DIRECT	2-7/16	28-7/16	27-1/4	2	20
120	BELT/DIRECT	2-1/8	28-7/16	26-15/16	2	20
60-100	BELT	2-7/8	23-9/16	21-1/8	2	18
100	DIRECT	2-1/2	18-3/4	16-13/16	2	18
90	DIRECT	2-1/2	18-3/4	16-13/16	2	18
70	DIRECT	1-3/4	13-5/8	13-13/16	2	18
UNIT	DRIVE	DIM	DIM	DIM	DIM	T
SIZE	TYPE	A	B	C	D	SQUARE



NOTES: DESIGN PRESSURE +53.0/-112 PSF
 IMPACT RATING: LARGE MISSILE IMPACT RESISTANT
 ALL DIMENSIONS IN INCHES

Approved as complying with the
 Florida Building Code
 Date 10/02/2008
 NOA# 08-0424-03
 Miami Dade Product Control
 Division
 By *[Signature]*

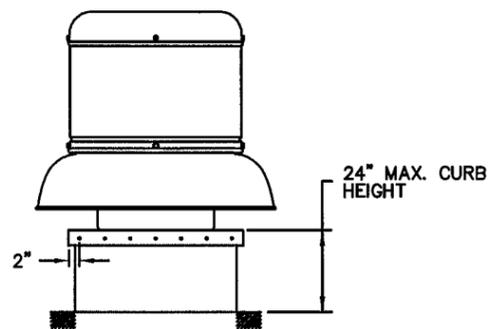
[Signature]
 Aug 20, 2008

JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

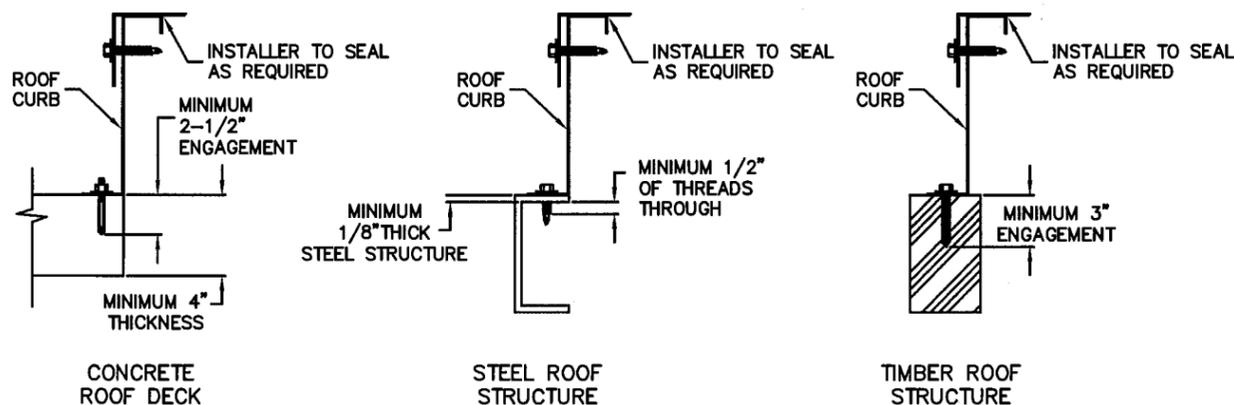
MAT'L	-	
DRAWN	JMD	7/15/08
DESIGNER	BFS	SHEET 1 OF 11
DO NOT SCALE DRAWING		
TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2'	(NC)=NO INSPECTION REQ'D	

LOREN COOK CO.
 MANUFACTURERS OF AIR MOVING EQUIPMENT
 SPRINGFIELD, MISSOURI

ACE POWER VENTILATOR HURRICANE RATED		
SIZE	DRAWING NO.	REV.
B	SD080717-11	A



ATTACHMENT OF CURB TO ROOF STRUCTURE



FASTENER TABLE		
UNIT SIZE	MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH UNIT TO CURB	MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH CURB TO ROOF STRUCTURE
60	5	3
70	5	3
80	5	3
90	5	3
100	5	3
120	5	4
135	5	4
150	6	5
165	6	5
180	8	6
195	8	6
210	8	6
225	8	6
245	8	6
270	9	8
300	9	8

Approved as complying with the Florida Building Code
 Date 10/02/2008
 NOA# 08-0424.03
 Miami Dade Product Control Division
 By [Signature]

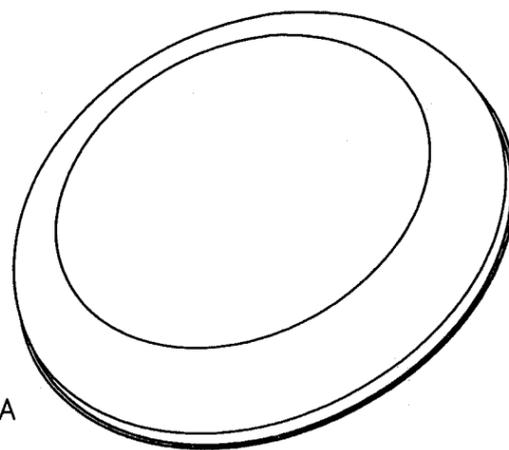
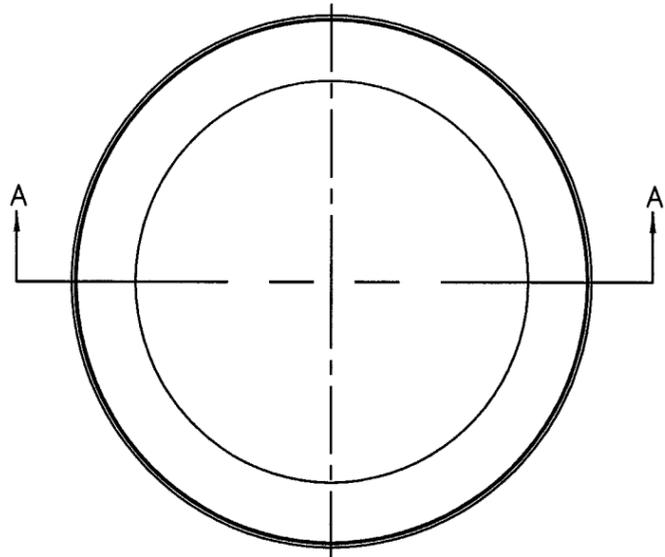
[Signature]
 Aug 20 2008

JOHN D. WINSLOW P.E.
 FL PE LIC. NO.55841

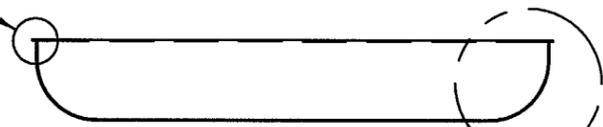
NOTES:

- 1) ACE POWER VENTILATOR AS REFERRED TO HEREIN REFERS TO ALL LOREN COOK MODEL ACE POWER VENTILATORS INCLUDING BOTH DIRECT DRIVE AND BELT DRIVE UNITS WHICH ARE CONSTRUCTED WITH THE SAME OUTER HOUSING COMPONENTS.
- 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.
- 4) UNIT IS TO INCLUDE A CURB CAP BASE TO FACILITATE MOUNTING OF THE UNIT TO A CURB. THE CURB WILL BE ADEQUATELY ATTACHED TO THE BUILDING STRUCTURE TO SUSTAIN ALL FORCES WHICH MAY BE PRODUCED BY THE PRESCRIBED ENVIROMENTAL FORCES EXERTED ON THE FAN AND CURB. THE CURB MUST BE ATTACHED TO A STRUCTURAL MEMBER OF THE BUILDING.
 - 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" AND ANCHORS ARE MINIMUM 2" FROM EDGE. SEE TABLE FOR MINIMUM QUANTITY OF ANCHORS REQUIRED PER CURB SIDE.
 - STEEL ROOF STRUCTURE: CURB IS TO BE ATTACHED WITH SELF-TAPPING STEEL SCREW OF MINIMUM NOMINAL SIZE OF 3/8" DIAMETER AND SCREW SHALL PASS THROUGH STEEL AT LEAST 1/2". THE SCREW MUST BE AT LEAST 2 SCREW DIAMETERS FROM MATERIAL EDGE. SEE TABLE FOR MINIMUM QUANTITY OF SCREWS REQUIRED PER CURB SIDE.
 - TIMBER ROOF STRUCTURE: CURB IS TO BE ATTACHED WITH STEEL LAG BOLTS NOMINAL SIZE OF 3/8" DIAMETER OR LARGER. TIMBER IS TO BE 2" NOMINAL SIZE OR GREATER. THE BOLT SHALL HAVE A MINIMUM OF 3" OF THREAD ENGAGEMENT AND SHALL BE AT LEAST 1" FROM MATERIAL EDGE. SEE TABLE FOR MINIMUM QUANTITY OF BOLTS REQUIRED PER CURB SIDE.
- 5) THE CURB SHALL BE CONSTRUCTED OF 5052H-34 ALUMINUM OR G-90 GALVANIZED STEEL OR STAINLESS STEEL. THE CURB MATERIAL THICKNESS SHALL BE 18 GA (.0470") OR GREATER. THE CURB HEIGHT SHALL NOT EXCEED 24".
- 6) THE ACE POWER VENTILATOR 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 2" FROM EACH CORNER OF THE FAN BASE. THE DISTANCE BETWEEN FASTENERS SHALL BE 4" OR LESS. THE QUANTITY OF FASTENERS INTO EACH CURB SIDE SHALL EQUAL OR EXCEED THE QUANTITY SHOWN IN THE FASTENER TABLE (AT LEFT).
 - A) #12 X 2" HEX WASHER HEAD SELF-DRILLING SCREW
 - B) ALTERNATE FASTENER - .25" HEX HEAD BOLT AND WASHER 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.

MAT'L		-		LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI
DRAWN	BFS	07/15/08		
DESIGNER	BFS	SHEET 2 OF 11		
DO NOT SCALE DRAWING				
TOLERANCES UNLESS OTHERWISE NOTED				
DECIMAL		FRACTIONAL		
.XX=±.063"		≤12"=±1/16"		
.XXX=±.010"		>12" THRU 96"=±1/8"		
.XXX=±.001"		>96" THRU 144"=±1/4"		
ANGULAR		>144"=±3/8"		
±2°		(NC)=NO INSPECTION REQ'D		
SIZE	DRAWING NO.		REV.	
B	SD080717-11		A	

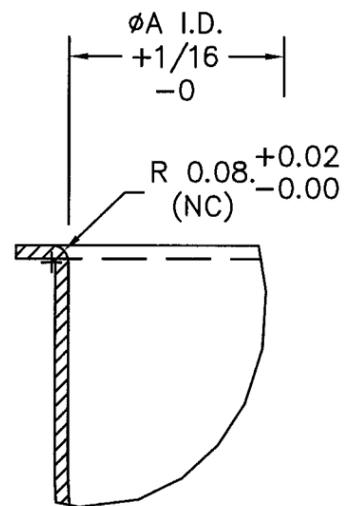


SEE DETAIL B

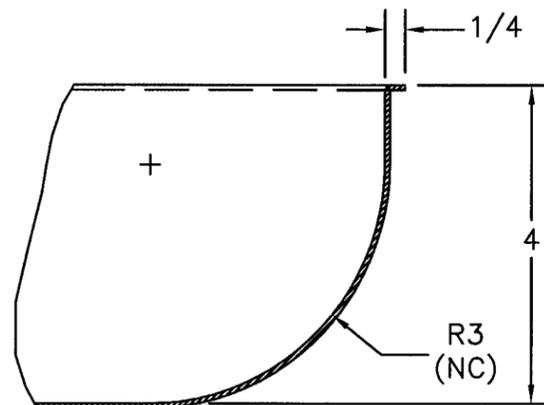


SECTION A-A

SEE DETAIL A



DETAIL B
SCALE 2.0



DETAIL A
SCALE 0.750

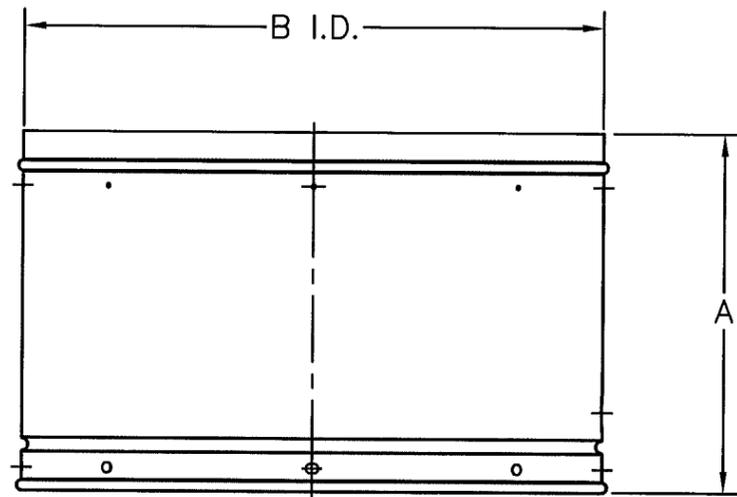
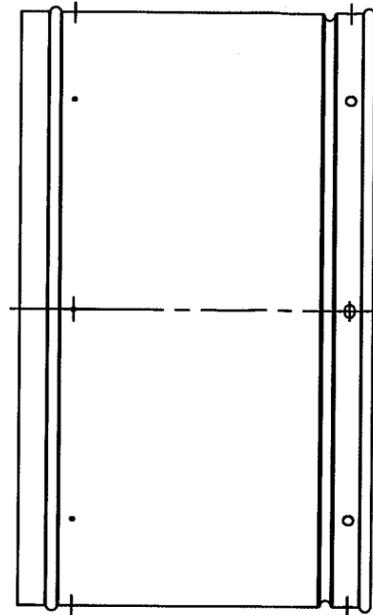
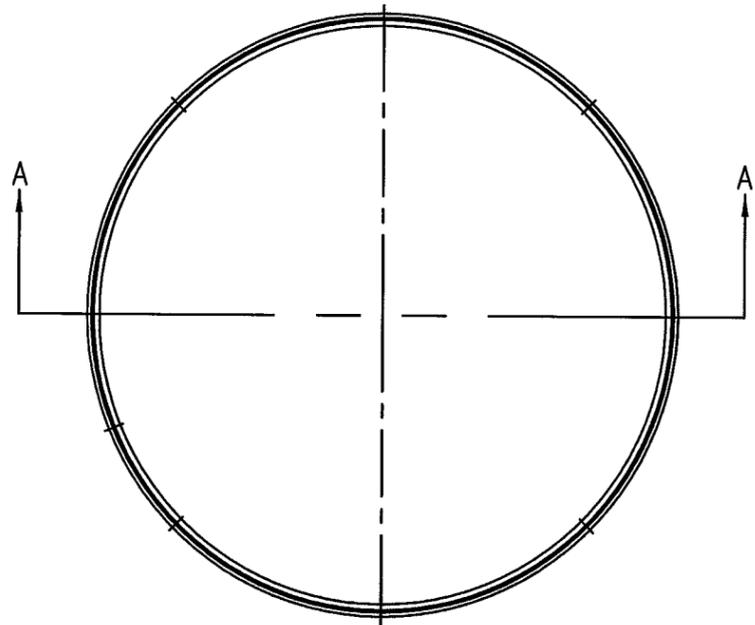
300	39-7/32	0.063
270	35-23/32	0.063
245	32-23/32	0.063
210-225	29-23/32	0.063
180-195	25-31/32	0.050
150-165	23-21/32	0.050
120-135	20-7/32	0.050
60-100	16-19/32	0.050
UNIT	A	MATERIAL
SIZE	DIM	THICKNESS

Approved as complying with the
Florida Building Code
Date 10/02/2008
NOA# 18-0424-03
Miami Dade Product Control
Division
By *[Signature]*

[Signature]
Aug 20, 2008
JOHN D. WINSLOW, P.E.
FL PE LIC. NO. 55841

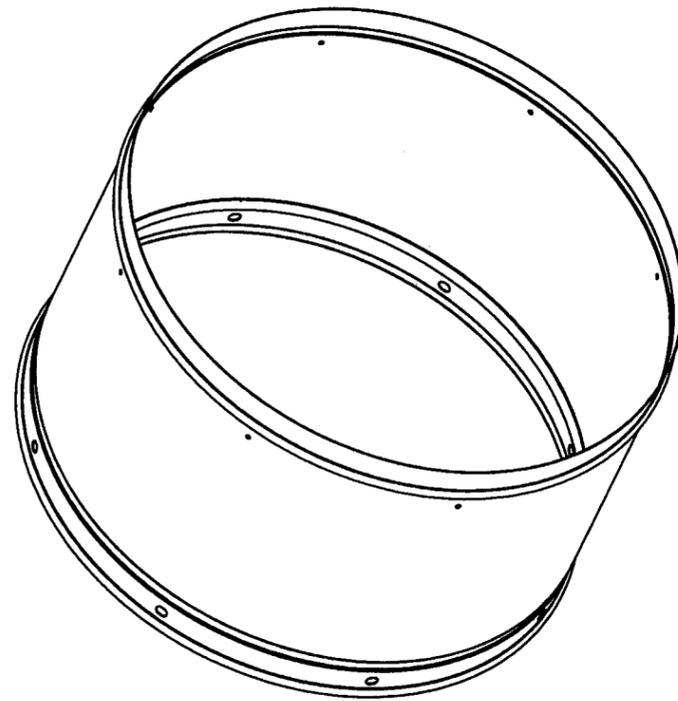
MAT'L	3003 H14 ALUM	
DRAWN	JMD	7/16/08
DESIGNER	BFS	SHEET 3 OF 11
DO NOT SCALE DRAWING		
TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2'	(NC)=NO INSPECTION REQ'D	

	LOREN COOK CO. <small>MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI</small>	
	ACE POWER VENTILATOR HURRICANE RATED	
SIZE	DRAWING NO.	REV.
B	SD080717-11	A



SECTION A-A

300	22	39-1/32	0.050
270	16-1/4	35-17/32	0.040
245	16-1/4	32-17/32	0.040
210-225	16-1/4	29-17/32	0.040
120-135	13	20-1/32	0.040
60-100 BELT	8-1/2	16-13/32	0.040
UNIT	A	B	THICKNESS
SIZE	DIM	DIM	MATERIAL



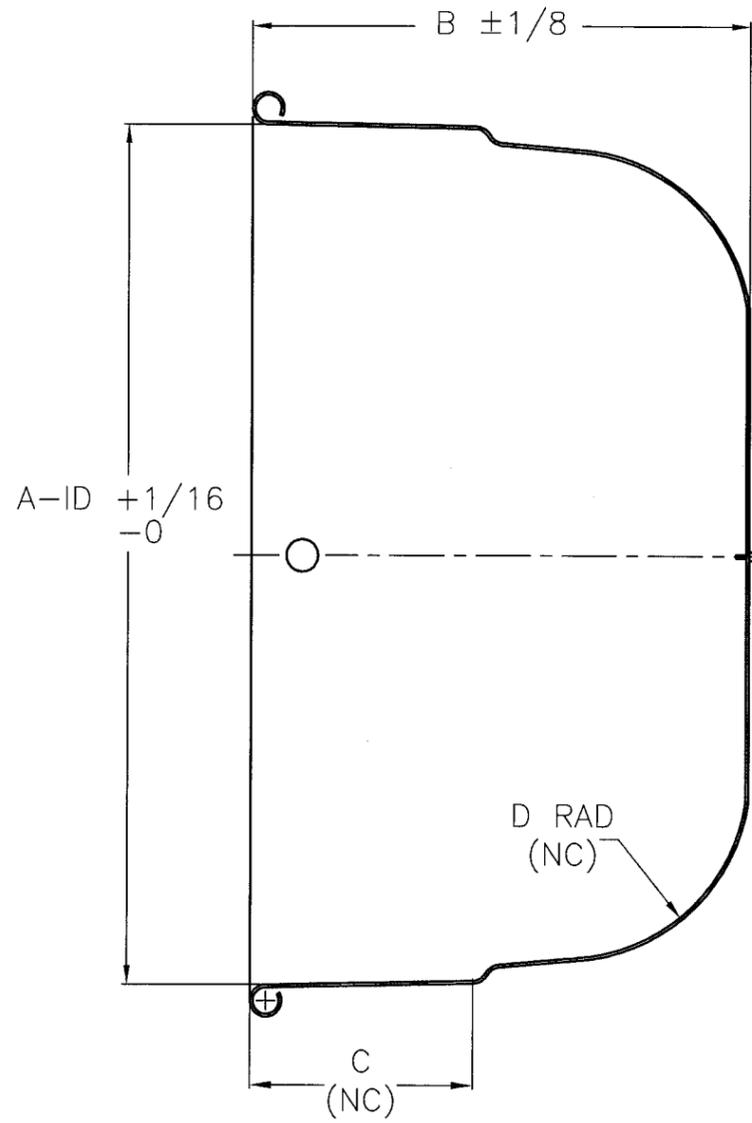
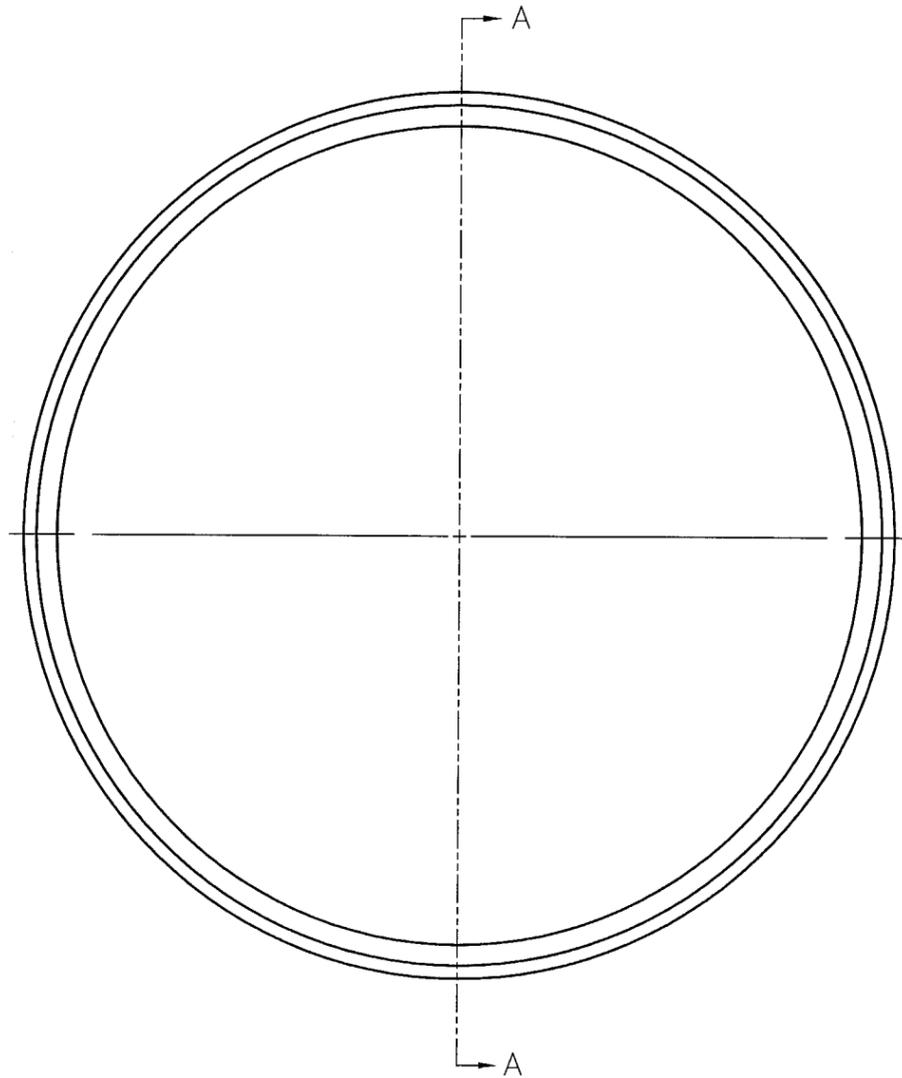
Approved as complying with the
Florida Building Code
Date 10/02/2008
NOA# 08-0424-03
Miami Dade Product Control
Division
By *[Signature]*

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pug 20/2008

JOHN D. WINSLOW, P.E.
FL PE LIC. NO. 55841

MAT'L	3003-H14 ALUM		 LOREN COOK CO. <small>MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI</small>
DRAWN	JMD	7/16/08	
DESIGNER	BFS	SHEET 4 OF 11	
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		
SIZE	DRAWING NO.	REV.	
B	SD080717-11	A	

ACE POWER VENTILATOR
HURRICANE RATED



SECTION A-A

Approved as complying with the Florida Building Code
 Date 10/02/2009
 MOA# 08-0424.03
 Miami Dade Product Control Division
 By *[Signature]*

90-100 EXTRA DEEP	13-7/16	10	3-9/16	2-7/16
90-100	13-7/16	7-3/4	3-9/16	2-7/16
70 EXTRA DEEP	10-5/8	7-1/2	3-1/4	1-7/8
70	10-5/8	6-1/2	3-1/4	1-7/8
UNIT	A	B	C	D
SIZE	DIM	DIM	DIM	DIM
DIRECT DRIVE				

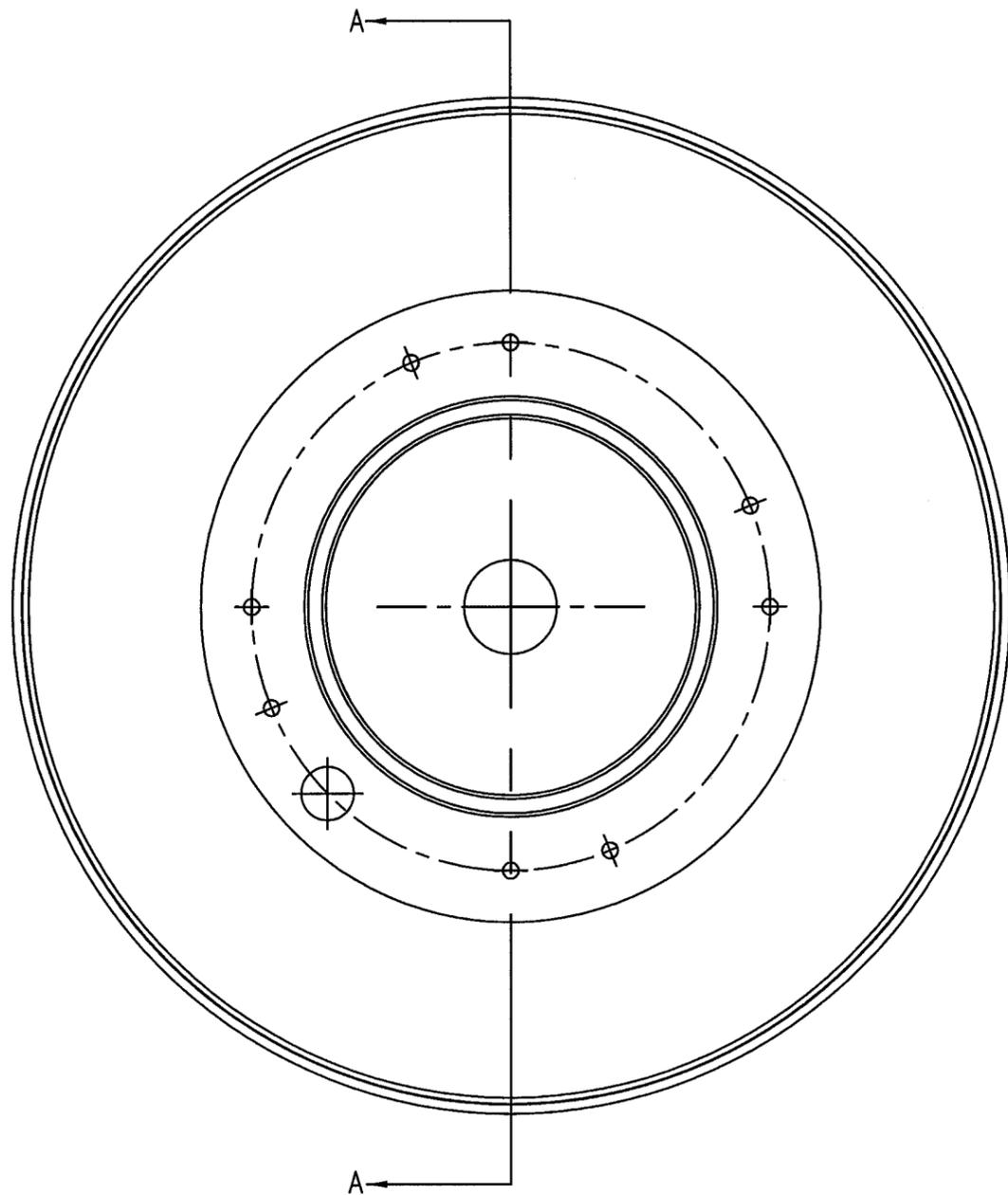
[Handwritten Signature]
 Aug 20, 2009

MAT'L	1100-0 ALUM .064 THICK	
DRAWN	JMD	8/14/08
DESIGNER	BFS	SHEET 5 OF 11
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"	
	>144"=±3/8"	
ANGULAR	(NC)=NO INSPECTION REQ'D	
±2'		

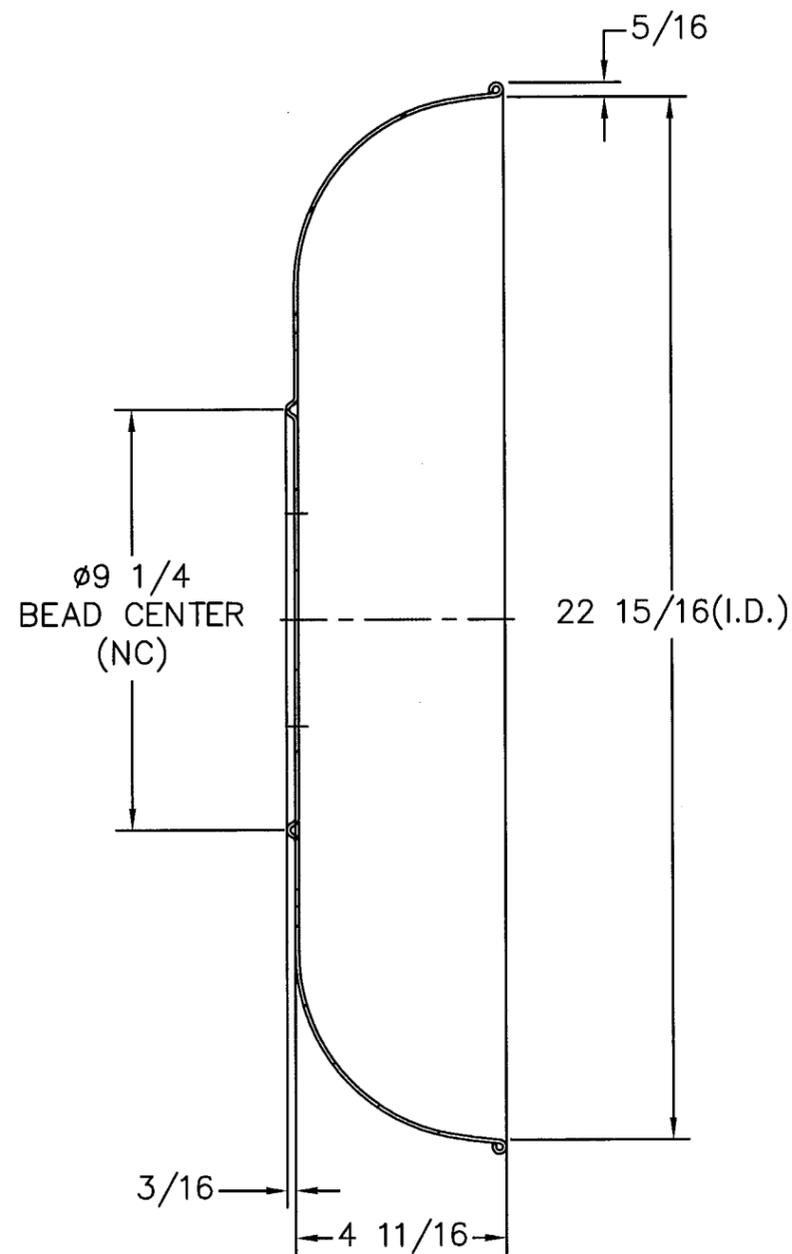


ACE POWER VENTILATOR
 HURRICANE RATED

SIZE	DRAWING NO.	REV.
B	SD080717-11	A



60-100 BAFFLE



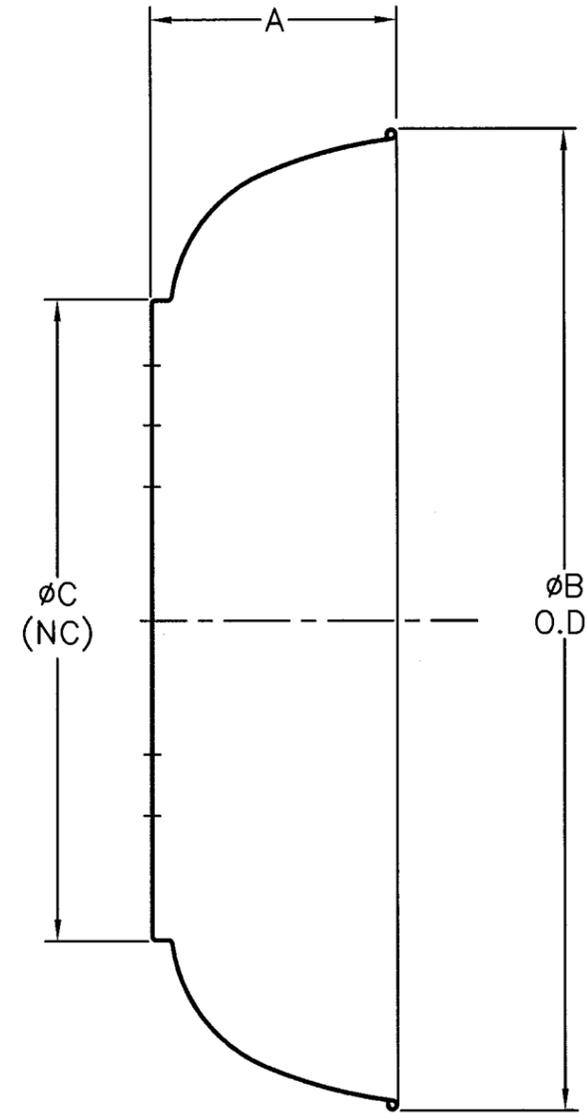
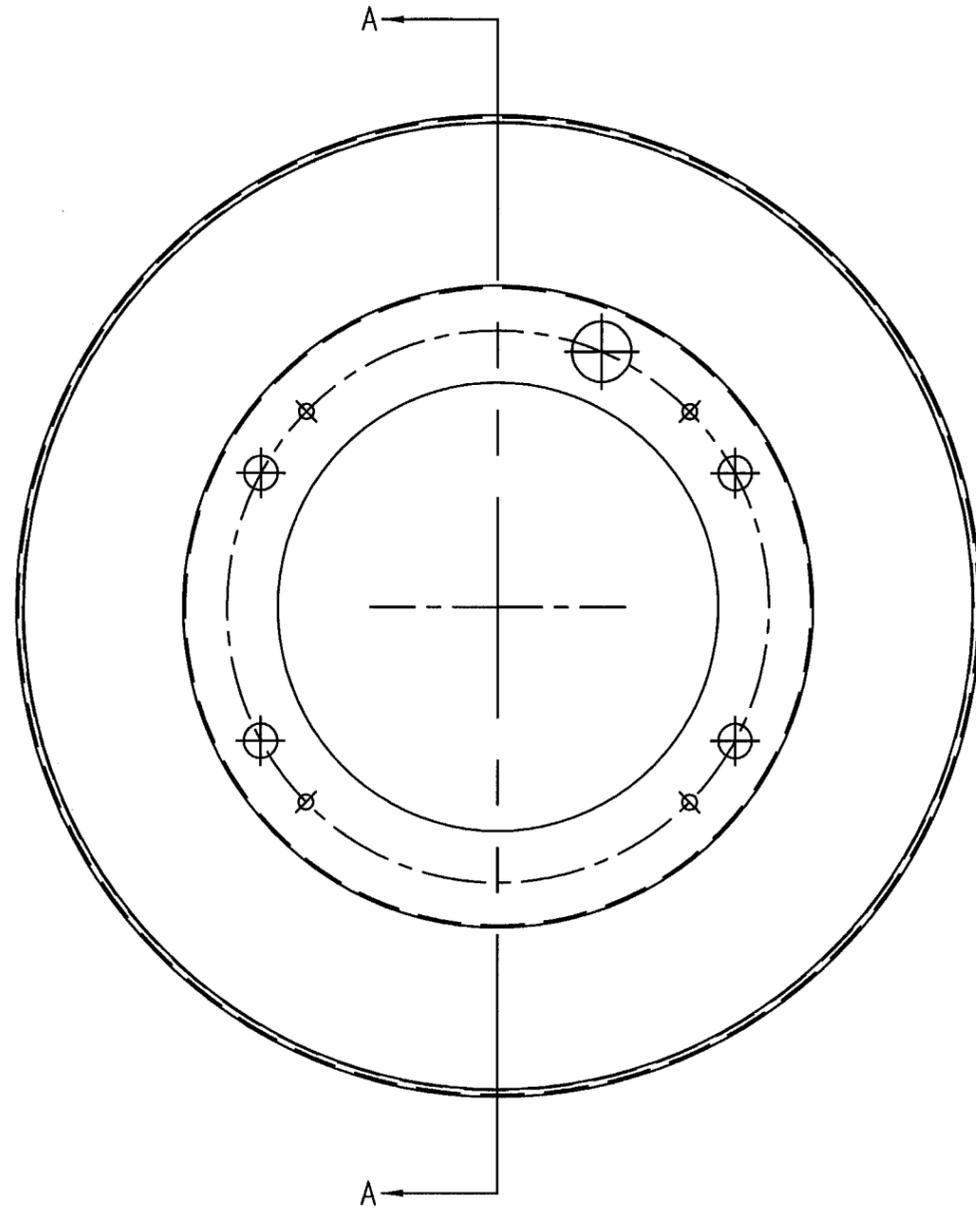
SECTION A-A

Approved as complying with the
 Florida Building Code
 Date 10/02/2008
 NOA# 08-0474-03
 Miami Dade Product Control
 Division
 By *[Signature]*

John D. Winslow
 Aug 20, 2008

JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

MAT'L	.08 THICK 3003-H14 ALUM		 LOREN COOK CO. <small>MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI</small>
DRAWN	JMD	7/16/08	
DESIGNER	BFS	SHEET 6 OF 11	
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"	
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±2°		(NC)=NO INSPECTION REQ'D	
SIZE	DRAWING NO.		REV.
B	SD080717-11		A



SECTION A-A

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 Division
 By [Signature]

180-195	8 1/2	37 11/16	25 3/8
150-165	8	32 7/8	21 7/8
120-135	7 1/4	28 7/16	18 5/8
UNIT	A	B	C
SIZE	DIM	DIM	DIM

John D. Winslow
 Aug 20 2008

JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

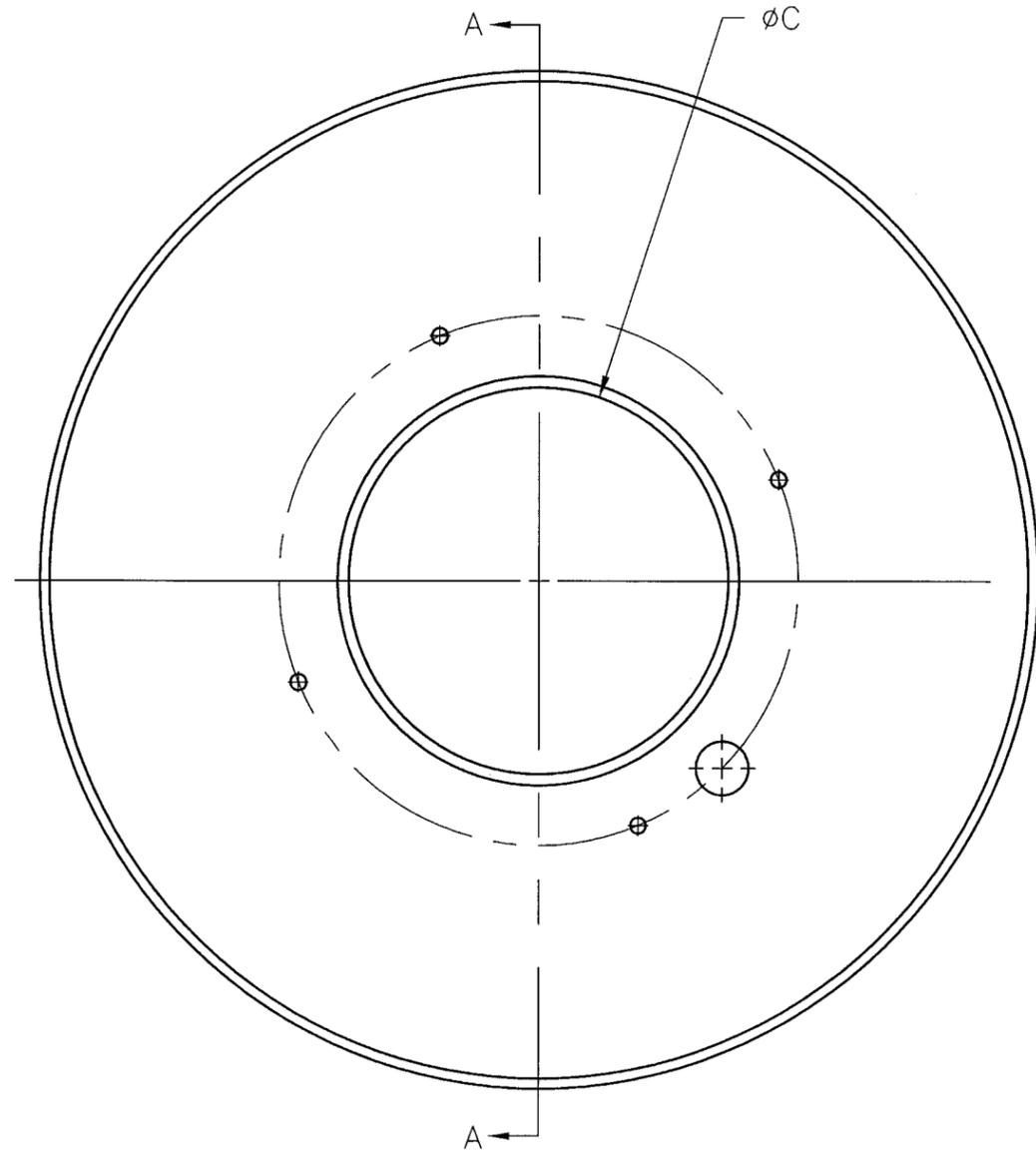
MAT'L	0.064 THICK 1100-0 ALUM	
DRAWN	JMD	7/17/08
DESIGNER	BFS	SHEET 7 OF 11
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
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.XXXX=±.001"	>96" THRU 144"=±1/4"	
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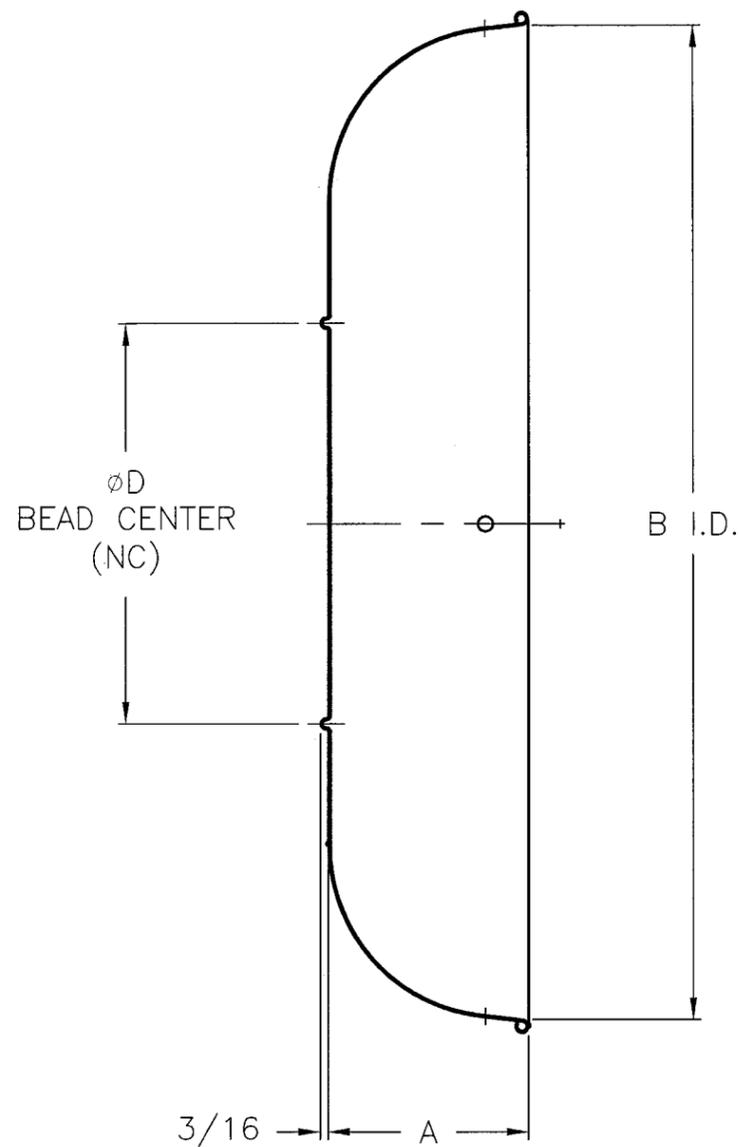
LOREN COOK CO.
 MANUFACTURERS OF AIR MOVING EQUIPMENT
 SPRINGFIELD, MISSOURI

ACE POWER VENTILATOR
 HURRICANE RATED

SIZE	DRAWING NO.	REV.
B	SD080717-11	A



TOP: BAFFLE



SECTION A-A

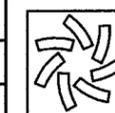
Approved as complying with the
 Florida Building Code
 Date 10/02/2008
 NOA# 08-0424-03
 Miami Dade Product Control
 Division
 By *[Signature]*

300	14	52	31-3/8	32
270	11-1/2	47	28-3/8	29
245	11-1/2	47	25-3/8	26
210-225	10-1/4	43	23-1/8	24
UNIT	DIM	DIM	DIM	DIM
SIZE	A	B	C	D

John D. Winslow
 Aug 20 2008

JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

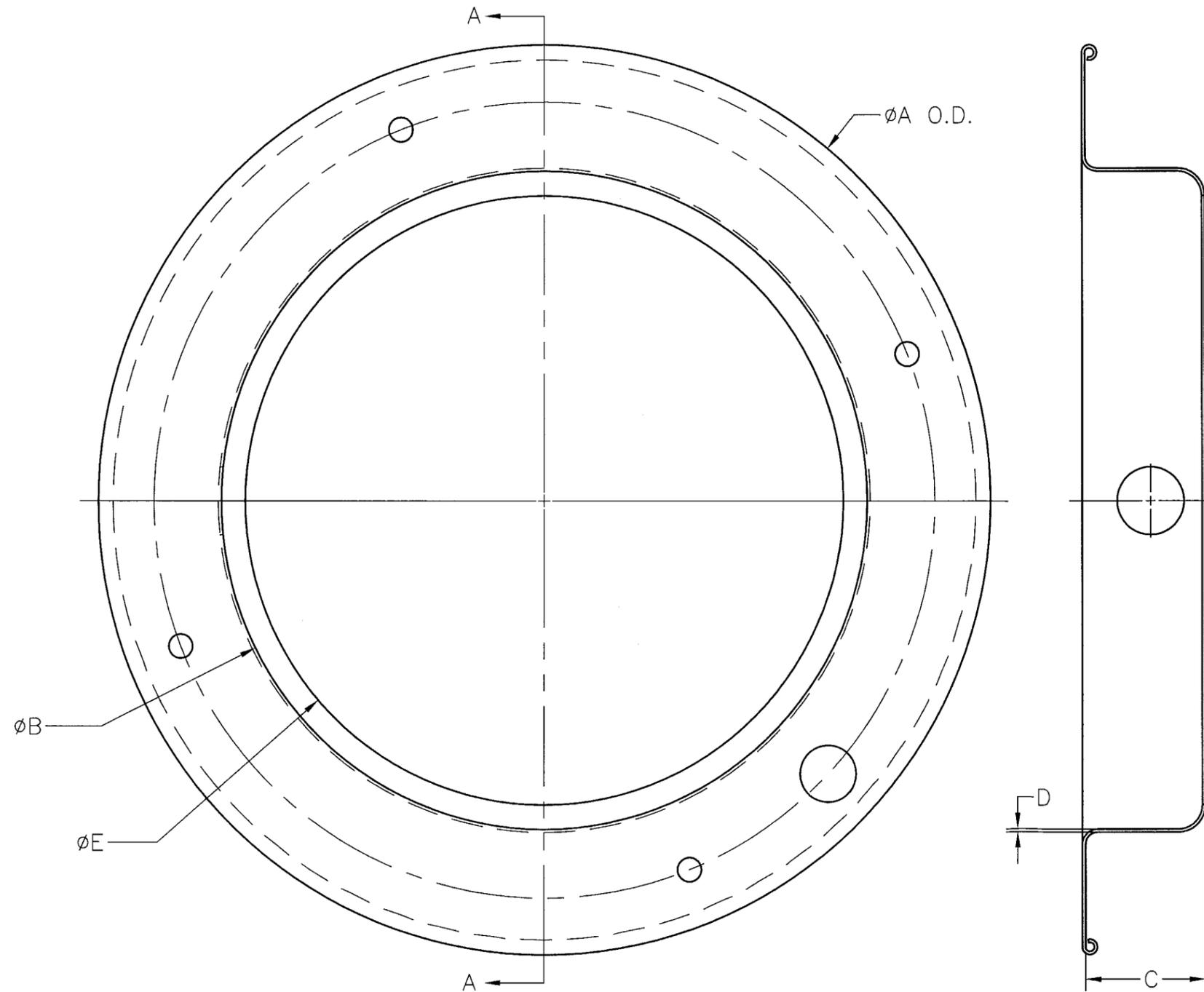
MAT'L	1100-0 ALUM 0.080 THICK	
DRAWN	JMD	7/16/08
DESIGNER	BFS	SHEET 8 OF 11
DO NOT SCALE DRAWING		
TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2'	(NC)=NO INSPECTION REQ'D	



LOREN COOK CO.
 MANUFACTURERS OF AIR MOVING EQUIPMENT
 SPRINGFIELD, MISSOURI

ACE POWER VENTILATOR
 HURRICANE RATED

SIZE	DRAWING NO.	REV.
B	SD080717-11	A



SECTION A--A

270	33-5/8	28-1/2	6-3/8	0.080	27
245	30-5/8	25-1/2	6-3/8	0.080	24
210-225	28-5/8	23-1/2	5-1/8	0.080	22
180-195	25-1/8	19	4-3/4	0.063	18-3/16
150-165	22-1/8	16	3-3/8	0.063	15-3/8
120-135	18-1/8	13	2-1/2	0.063	12-1/8
60-100	14	10-1/8	2-23/32	0.063	9-3/8
UNIT	A	B	C	D	E
SIZE	DIM	DIM	DIM	THICK	DIM

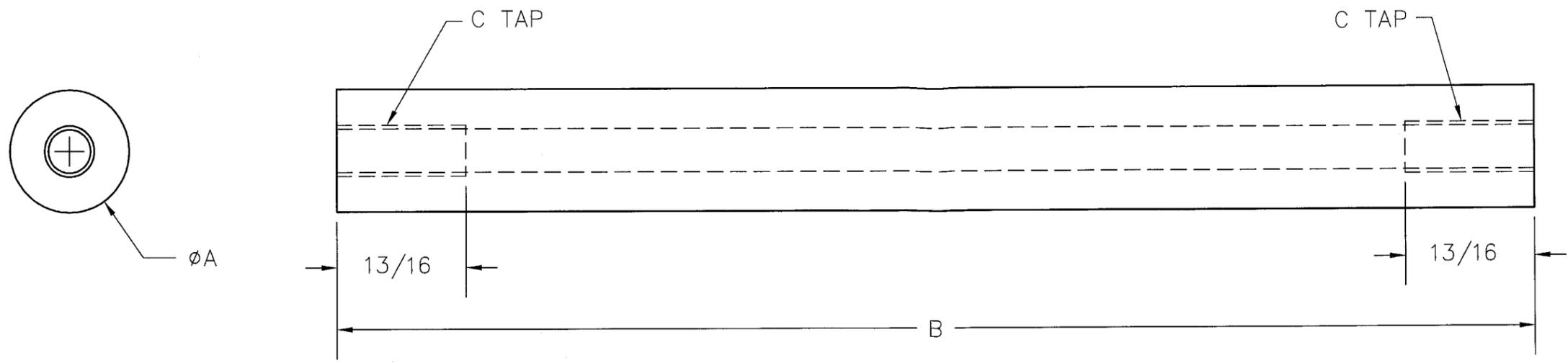
Approved as complying with the
 Florida Building Code
 Date 10/02/2008
 NOA# 08-0424.03
 Miami Dade Product Control
 Division
 By *[Signature]*

John D. Winslow
 Aug 20 2008

JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

MAT'L	3003-H14 ALUM		 LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI
DRAWN	JMD	7/16/08	
DESIGNER	BFS	SHEET 9 OF 11	
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	
SIZE	DRAWING NO.		REV.
B	SD080717-11		A

ACE POWER VENTILATOR
 HURRICANE RATED

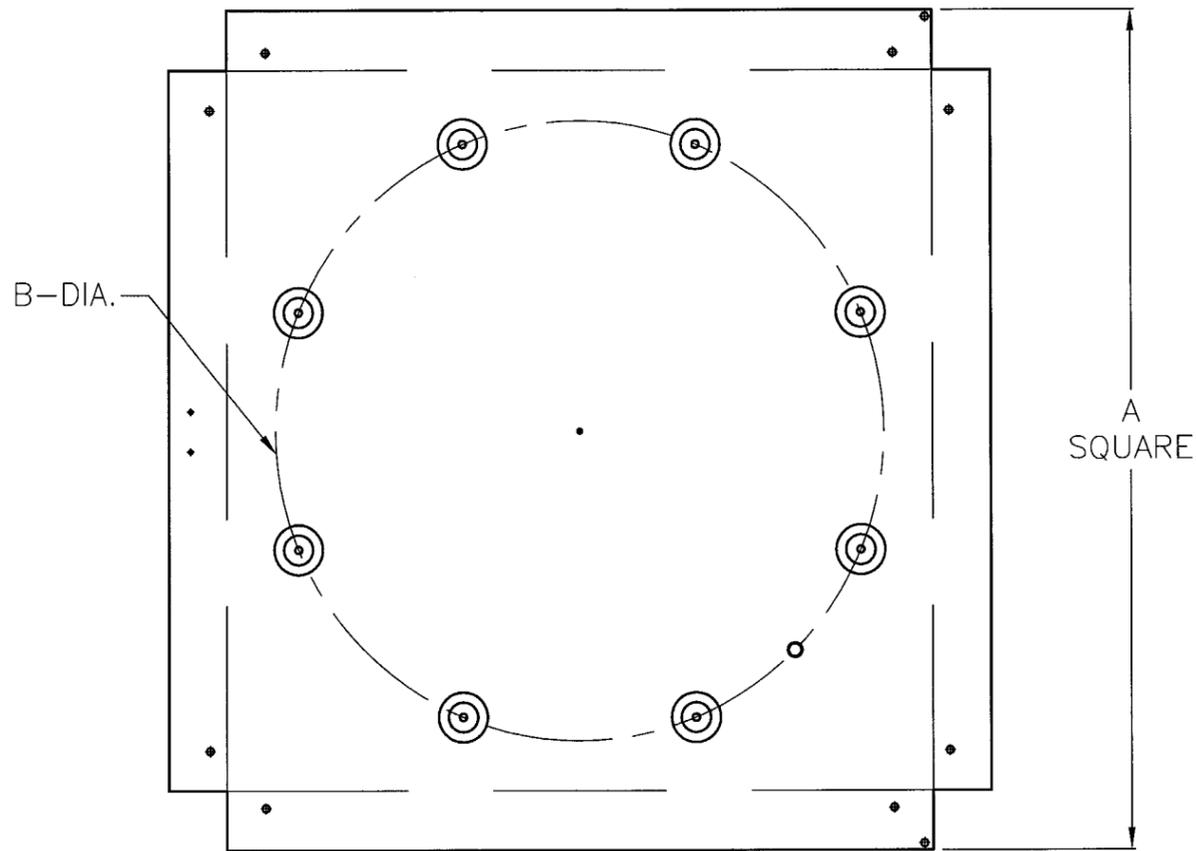


300	1	7	3/8-16	LOWER	8
270	1	6 1/8	3/8-16	LOWER	8
245	1	6 1/8	3/8-16	LOWER	4
225	3/4	4 7/8	5/16-18	LOWER	4
210	3/4	4 7/8	5/16-18	LOWER	4
195	3/4	4 1/2	5/16-18	LOWER	4
180	3/4	4 1/2	5/16-18	LOWER	4
165	3/4	3 1/8	5/16-18	LOWER	4
150	3/4	3 1/8	5/16-18	LOWER	4
135	3/4	2 1/4	5/16-18	LOWER	4
120	3/4	2 1/4	5/16-18	LOWER	4
60-100	3/4	2 1/2	5/16-18	LOWER	4
UNIT	A	B	C	POST	POST
SIZE	DIM	DIM	DIM	LOCATION	QUANTITY
ACE-B					

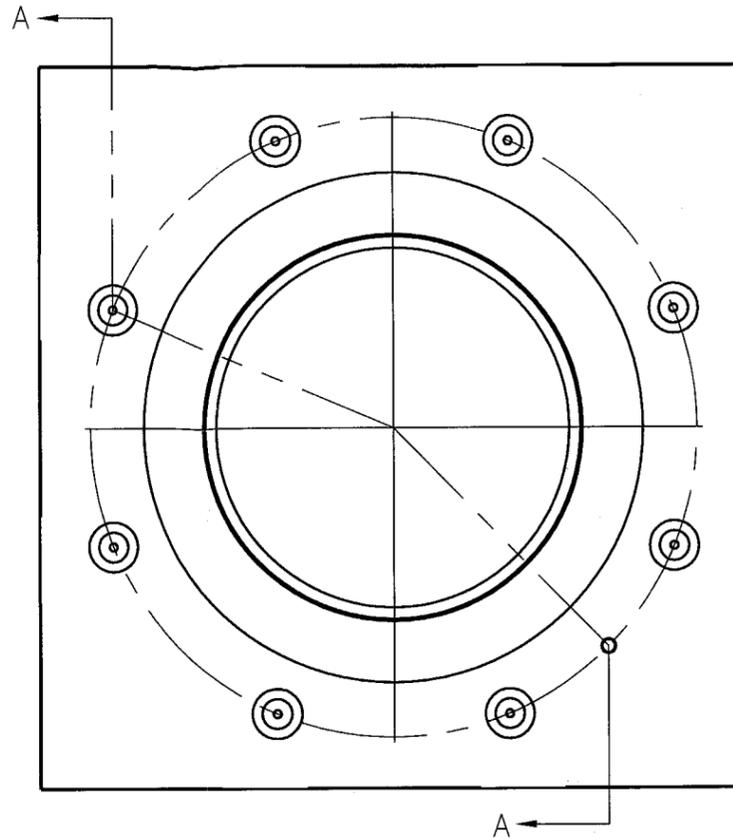
Approved as complying with the
 Florida Building Code
 Date: 10/02/2008
 NOAH 08-0424.03
 Miami Dade Product Control
 Division
 By: *[Signature]*

John D. Winslow
 Aug 20 2008
 JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

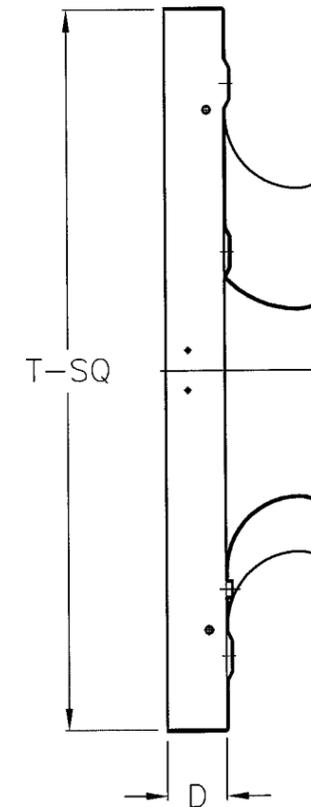
MAT'L	6005-T6 OR 6105-T5 ALUM	
DRAWN	JMD	7/16/08
DESIGNER	BFS	SHEET 10 OF 11
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2'	(NC)=NO INSPECTION REQ'D	
 LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI		
ACE POWER VENTILATOR HURRICANE RATED		
SIZE	DRAWING NO.	REV.
B	SD080717-11	A



FLAT PATTERN



FORM VIEW



300	42	34	36	3	.080
270	42	31	36	3	.080
245	36	28	30	3	.080
225	36	26	30	3	.080
210	36	26	30	3	.080
195	36	22 1/2	30	3	.080
180	36	22 1/2	30	3	.080
165	28	19 1/2	24	2	.063
150	28	19 1/2	24	2	.063
135	24	16	20	2	.063
120	24	16	20	2	.063
60-100	22	12 1/4	18	2	.063
UNIT	A	B	T	D	E
SIZE	DIM	DIM	SQUARE	DIM	THICKNESS

NOTE: 16 GA G-90 GALVANIZED STEEL IS AN ACCEPTABLE SUBSTITUTION

Approved as complying with the Florida Building Code
 Date 10/02/2008
 NOA# 08-10474-03
 Miami Dade Product Control
 Division
 By *[Signature]*

John D. Winslow
 Aug 24 2008

JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

MAT'L	"E" THICK 3003-H14 AL.		 LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI
DRAWN	JMD	7/16/08	
DESIGNER	BFS	SHEET 11 OF 11	
DO NOT SCALE DRAWING			ACE POWER VENTILATOR HURRICANE RATED
TOLERANCES UNLESS OTHERWISE NOTED			
DECIMAL		FRACTIONAL	
.XX=±.063"		≤12"=±1/16"	
.XXX=±.010"		>12" THRU 96"=±1/8"	
.XXX=±.001"		>96" THRU 144"=±1/4"	
ANGULAR		>144"=±3/8"	
±2'		(NC)=NO INSPECTION REQ'D	
SIZE	DRAWING NO.		REV.
B	SD080717-11		A