



MIAMI-DADE COUNTY
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: Models ACRU/VCR/ACSC Aluminum Roof Fan

APPROVAL DOCUMENT: Drawing No. **SD080717-12**, titled "ACRU/VCR/ACSC Power Ventilator Hurricane Rated", sheets 1 through 10 of 10, dated 07/17/08, 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]
 10/20/08

NOA No. 08-0902.01
Expiration Date: November 13, 2013
Approval Date: November 13, 2008

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **SD080717-12**, titled "ACRU/VCR/ACSC Power Ventilator Hurricane Rated", sheets 1 through 10 of 10, dated 07/17/08, 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 Series/Models 300 ACRU/VCR, metal roof vent, prepared by Architectural Testing, Inc., Test Report No. **79142.01-801-18**, 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 07/15/08, signed and sealed by John D. Winslow, P.E.

D. QUALITY ASSURANCE

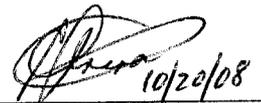
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Test report on 150 mph Wind Tunnel Test of a Model 180 ACRUB Aluminum Roof Fan, prepared by Walter H. Beech Memorial Wind Tunnel, dated 05/02/07, signed and sealed by John D. Winslow, P.E.

F. STATEMENTS

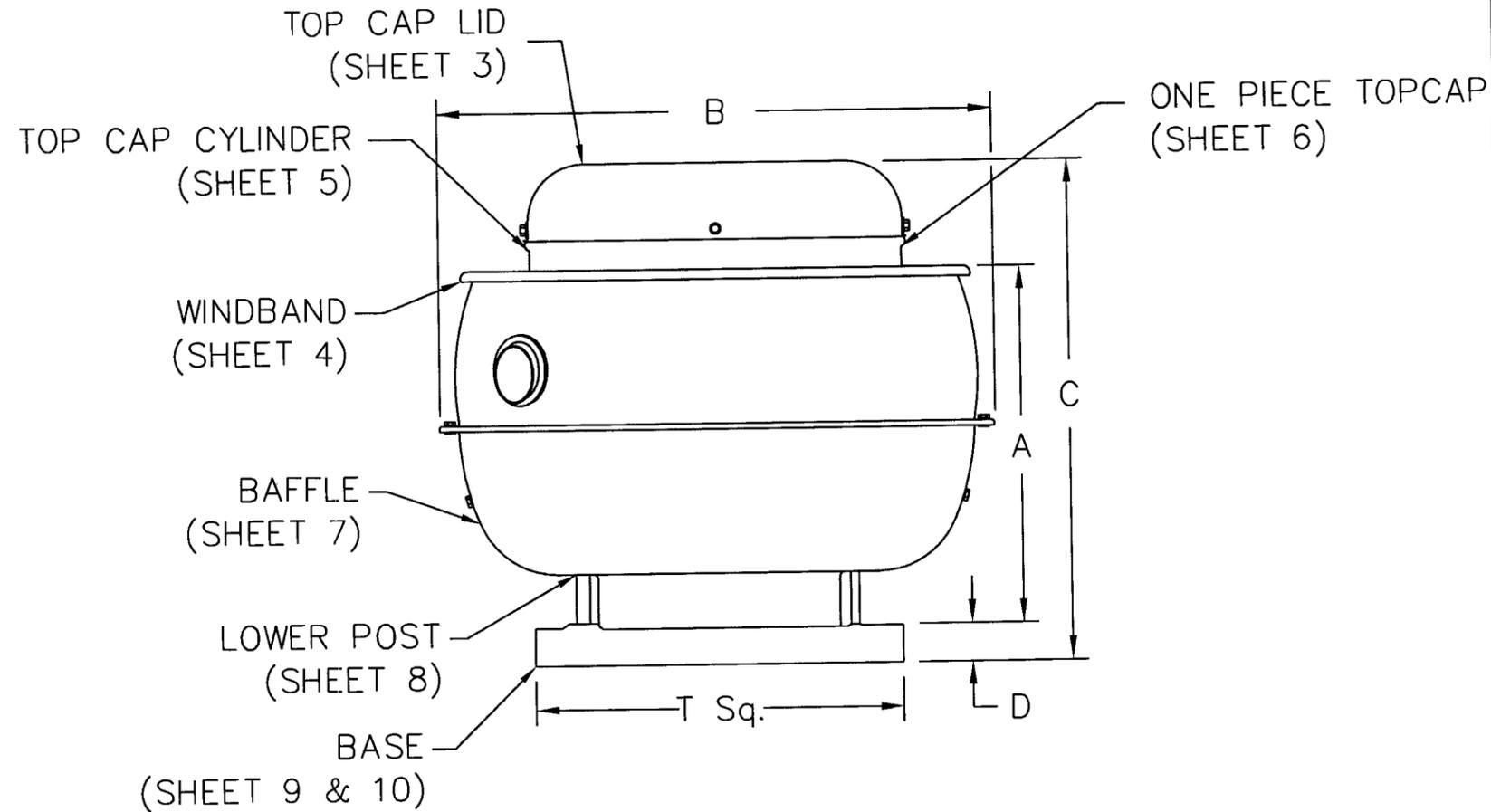
1. Statement letter of conformance issued by Tom Barrow Co., dated 08/25/08, signed and sealed by John D. Winslow, P.E.
2. Statement letter of no financial interest issued by Tom Barrow Co., dated 08/25/08, signed and sealed by John D. Winslow, P.E.
3. Laboratory compliance letter issued by Architectural Testing, Inc., for Test Report No. **79142.01-801-18**, dated 03/04/08, signed and sealed by Jeffrey T. Kaminski, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 08-0902.01

Expiration Date: November 13, 2013
Approval Date: November 13, 2008

Size	Type	A	B	C	D	T Sq.
70	DIRECT	10-3/4	17-1/8	13-3/8	2	18
70	TALL DIRECT	10-3/4	17-1/8	14-3/8	2	18
90	DIRECT	13-1/4	21-1/8	16-3/8	2	18
90	TALL DIRECT	13-1/4	21-1/8	17-3/8	2	18
100	DIRECT	13-1/4	21-1/8	16-3/8	2	18
100	TALL DIRECT	13-1/4	21-1/8	17-3/8	2	18
60-100	BELT	12-1/2	23-9/16	21-1/8	2	18
120	BELT/DIRECT	19-1/16	28-7/16	26-7/8	2	20
135	BELT/DIRECT	19-1/16	28-7/16	27-1/4	2	20
150	BELT/DIRECT	20-15/16	32-7/8	30-1/4	2	24
	HP BELT/DIRECT	20-15/16	32-7/8	27-1/2	2	24
165	BELT/DIRECT	20-15/16	32-7/8	30-3/4	2	24
	HP BELT/DIRECT	20-15/16	32-7/8	27-3/4	2	24
	XP BELT/DIRECT	20-15/16	32-7/8	26-11/16	2	24
180	BELT/DIRECT	24-13/16	37-11/16	35-7/8	3	30
	HP BELT/DIRECT	24-13/16	37-11/16	33-3/8	3	30
	XP BELT/DIRECT	24-13/16	37-11/16	31-9/16	3	30
195	BELT	24-13/16	37-11/16	36-3/8	3	30
	HP BELT/DIRECT	24-13/16	37-11/16	33-1/2	3	30
	XP BELT/DIRECT	24-13/16	37-11/16	32-1/8	3	30
210	BELT	25-15/16	43-5/8	38-3/8	3	30
	HP BELT	25-15/16	43-5/8	35-3/8	3	30
	XP BELT	25-15/16	43-5/8	32-3/4	3	30
225	BELT	25-15/16	43-5/8	38-1/8	3	30
	HP BELT	25-15/16	43-5/8	35-1/2	3	30
	XP BELT	25-15/16	43-5/8	33-5/16	3	30
245	BELT	28-1/2	47-5/8	41-1/16	3	30
	HP BELT	28-1/2	47-5/8	37-5/16	3	30
	XP BELT	28-1/2	47-5/8	34-1/16	3	30
270	BELT	28-1/2	47-5/8	41-1/16	3	36
	HP BELT	28-1/2	47-5/8	37-5/16	3	36
	XP BELT	28-1/2	47-5/8	35	3	36
300	BELT	33-7/8	52-5/8	49-15/16	3	36
	HP BELT	33-7/8	52-5/8	45-15/16	3	36
	XP BELT	33-7/8	52-5/8	41-7/16	3	36



DESIGN PRESSURE: +53.0 PSF / -112.0 PSF
 IMPACT RATING: LARGE MISSILE IMPACT RESISTANT
 ALL DIMENSIONS IN INCHES

Approved as complying with the
 Florida Building Code
 Date 11/13/2008
 NOA# 08-0702.01
 Miami Dade Product Control
 Division
 By *[Signature]*

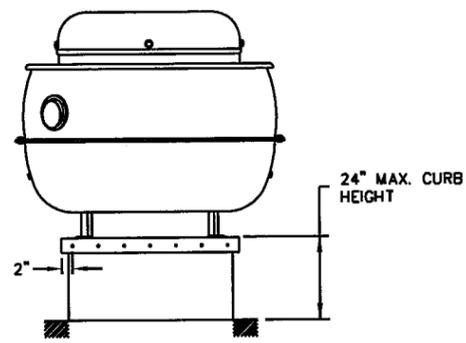
[Handwritten Signature]
 May 25 2008

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

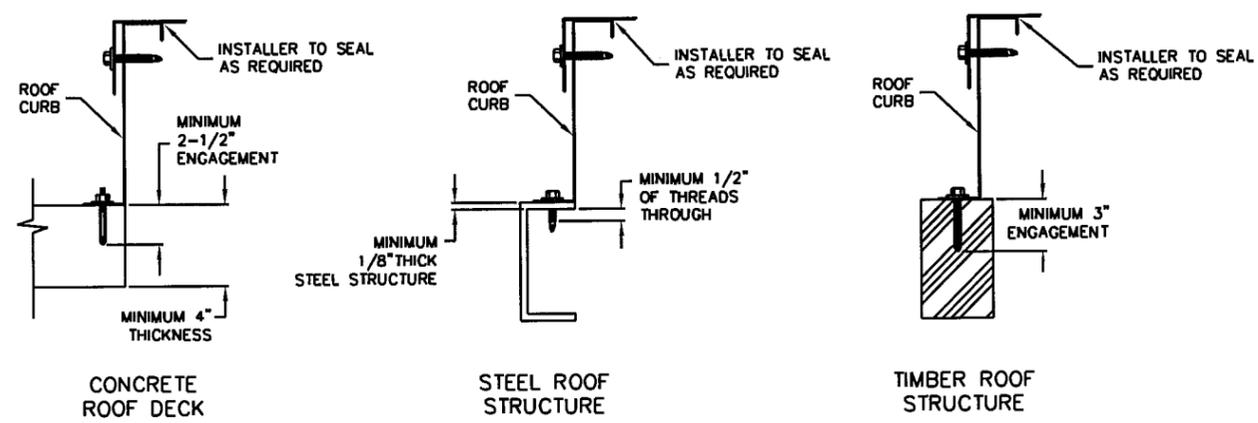
MAT'L	-	
DRAWN	JMD	07/17/08
DESIGNER	BFS	SHEET 1 OF 10
DO NOT SCALE DRAWING		
TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2'	(NC)=NO INSPECTION REQ'D	
SIZE		DRAWING NO.
B		SD080717-12
		REV.
		A



ACRU/VCR/ACSC
 POWER VENTILATOR
 HURRICANE RATED



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

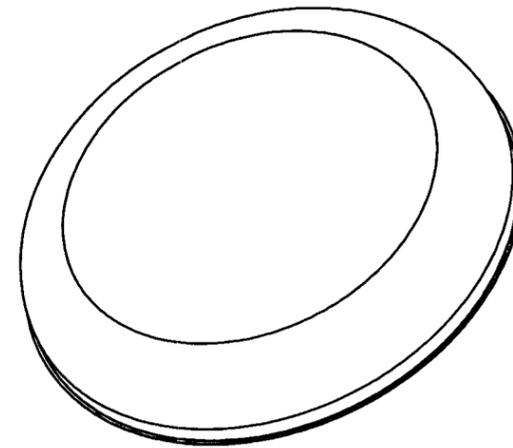
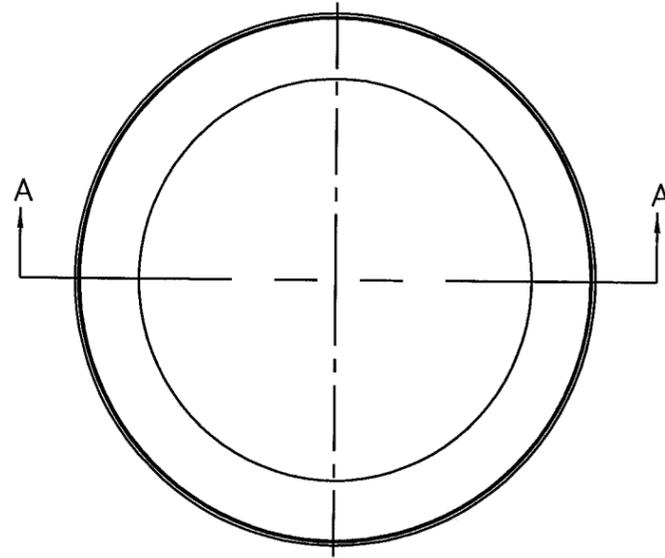
Approved as complying with the Florida Building Code
 Date 11/13/2008
 NOA# 08-0902-01
 Miami Dade Product Control Division
 By *[Signature]*

[Signature]
 JOHN D. WINSLOW P.E.
 FL PE LIC. NO. 55841

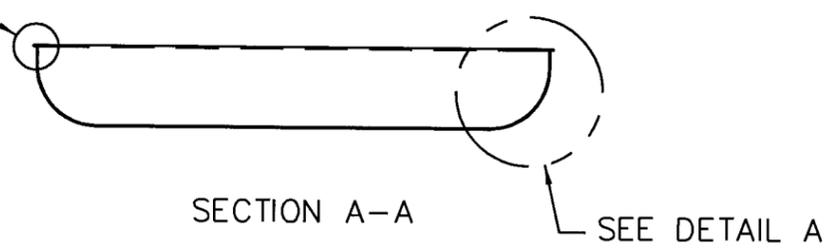
NOTES:

- 1) ACRU/VCR POWER VENTILATOR AS REFERRED TO HEREIN REFERS TO ALL LOREN COOK MODEL POWER VENTILATORS INCLUDING BOTH DIRECT DRIVE AND BELT DRIVE TYPE UNITS WHICH ARE CONSTRUCTED WITH THE SAME OUTER HOUSING COMPONENTS. THE FULL RANGE OF MODELS WOULD BE:
 ACRUD, ACRUD-HP, ACRUD-XP
 ACRUB, ACRUB-HP, ACRUB-XP
 VCRD, VCRD-HP, VCRD-XP
 VCR, VCR-XP, VCR-HP
 ACSC, ACSC-HP, ACSC-XP
- 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 ENVIRONMENTAL 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 ACRU/VCR 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 5-1/2" OR LESS. THE QUANTITY OF FASTENERS INTO EACH CURB SIDED 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	JMD	7/17/08	
DESIGNER	BFS	SHEET 2 OF 10	
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	SD080717-12	A	



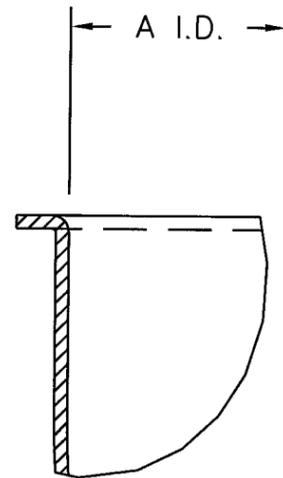
SEE DETAIL B



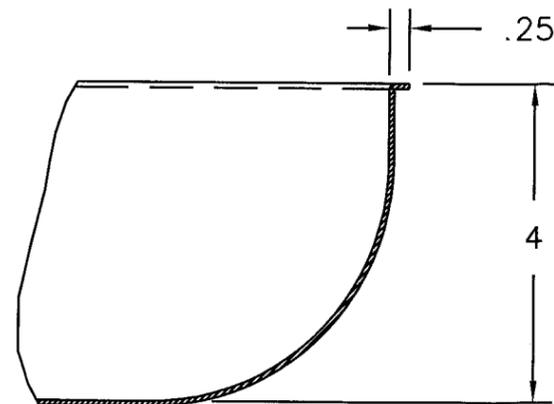
SECTION A-A

SEE DETAIL A

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



DETAIL B
SCALE 2.0



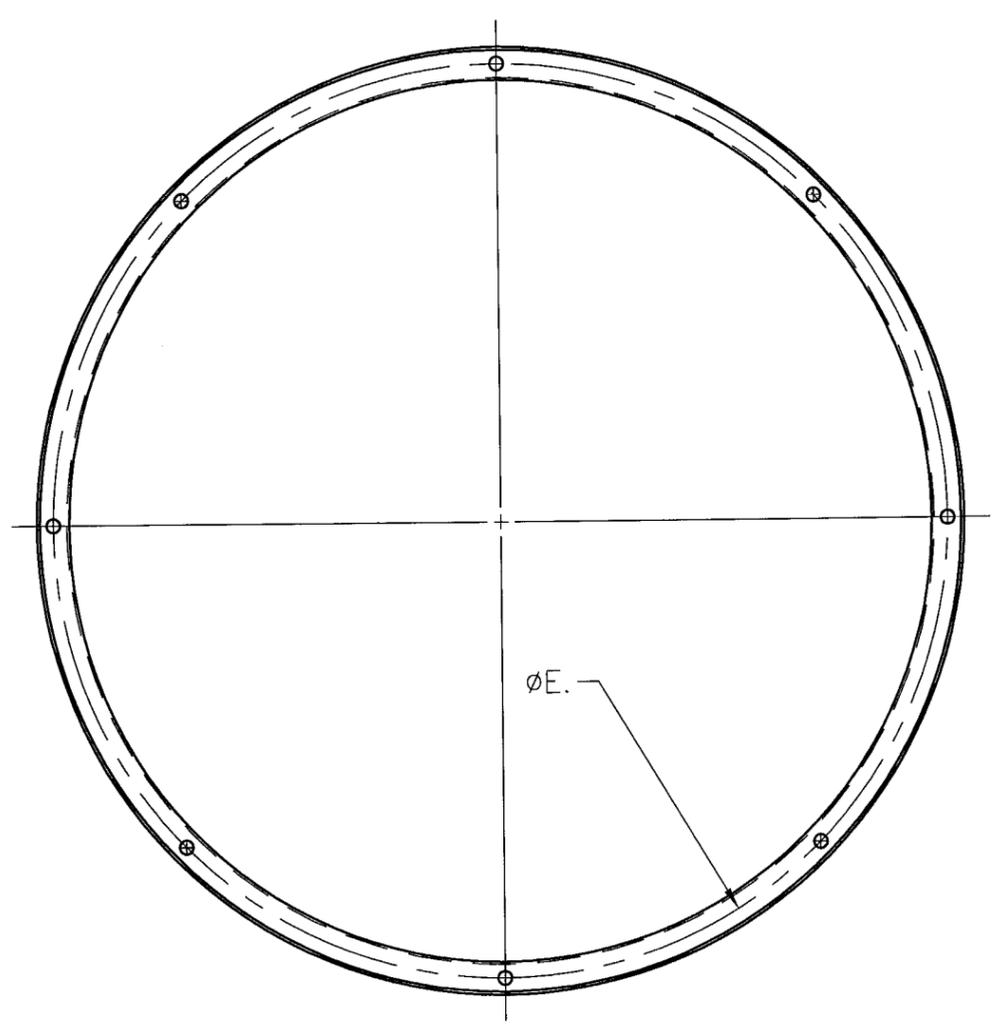
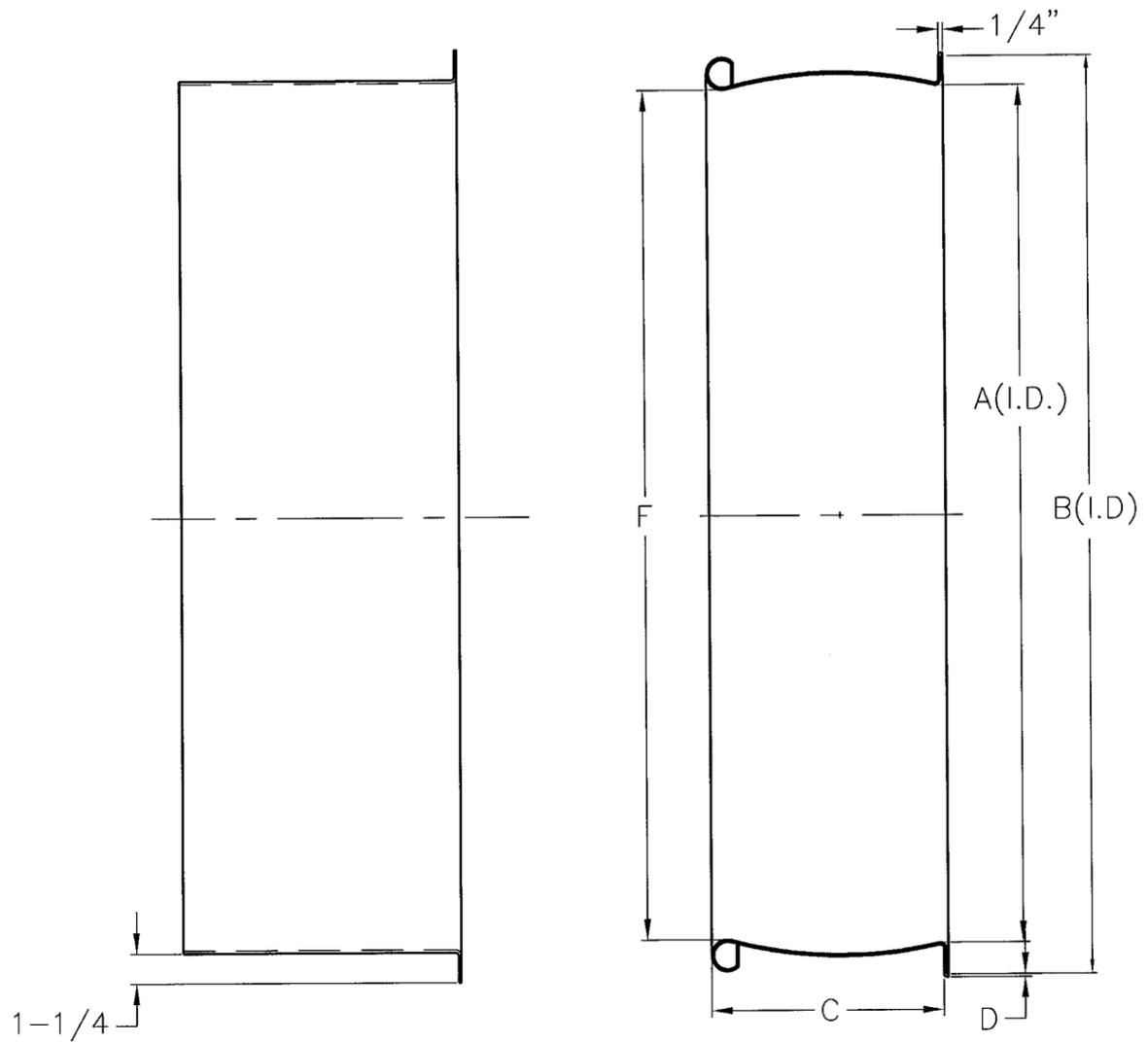
DETAIL A
SCALE 0.750

Approved as complying with the
Florida Building Code
Date 11/13/2008
NOA# 08-5707.01
Miami Dade Product Control
Division
By *[Signature]*

[Handwritten Signature]
Aug 25, 2008

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

MAT'L	3003 H14 ALUM .05 THICK		 LOREN COOK CO. <small>MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI</small>
DRAWN	JMD	7/17/08	
DESIGNER	BFS	SHEET 3 OF 10	
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE NOTED			
DECIMAL	FRACTIONAL		ACRU/VCR/ACSC POWER VENTILATOR HURRICANE RATED
.XX=±.063" .XXX=±.010" .XXXX=±.001"	≤12"=±1/16" >12" THRU 96"=±1/8" >96" THRU 144"=±1/4" >144"=±3/8"		
ANGULAR	(NC)=NO INSPECTION REQ'D		SIZE
±2"			DRAWING NO.
			REV.
			B SD080717-12 A



STEP ONE SPINNING

WIND BAND SIDE VIEW

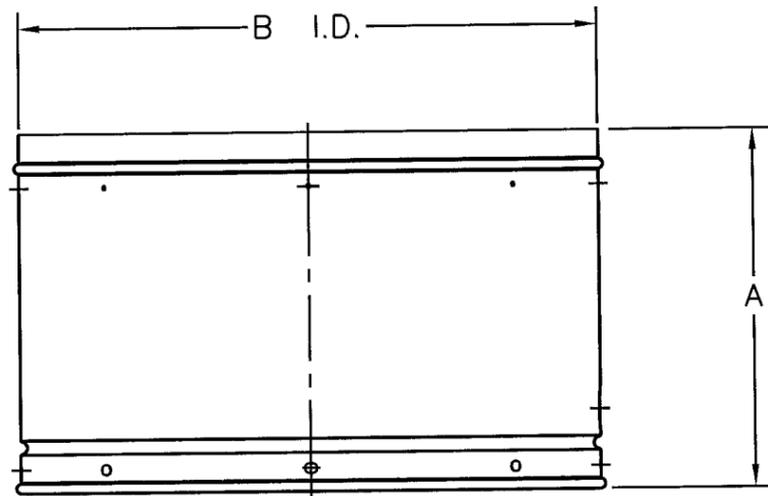
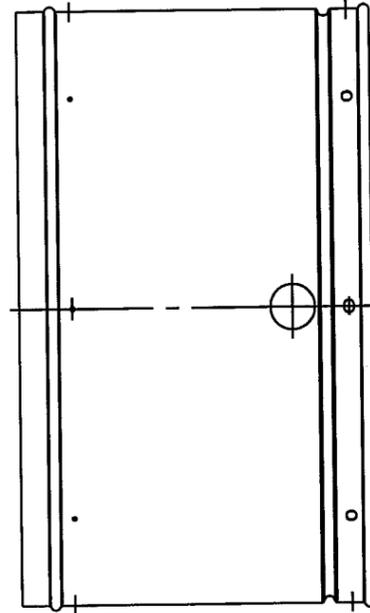
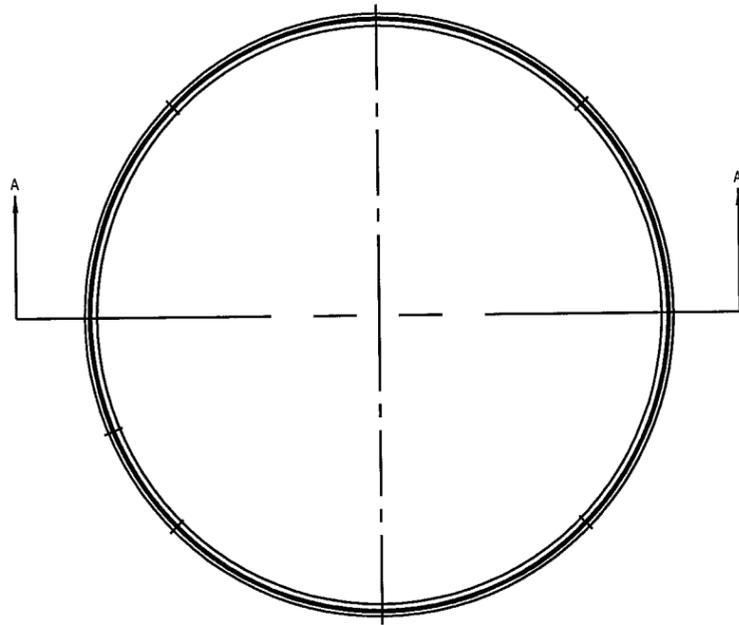
WIND BAND TOP VIEW

300	52	54-1/8	12	.050	53
270	47	49-1/8	10	.050	48
245	47	49-1/8	10	.050	48
210-225	43	45-1/8	10	.050	44
180-195	37-1/4	39-3/8	10	.040	38-1/4
150-165	32-1/2	34-5/8	8-1/2	.040	33-1/2
120-135	28	30-1/8	8-1/2	.040	29
100	23	25-1/8	6-1/2	.040	24
UNIT	A	B	C	D	E
SIZE	DIM	DIM	DIM	DIM	DIM

Approved as complying with the
 Florida Building Code
 Date 11/13/2008
 NOAH 08-0902.01
 Miami Dade Product Control
 Division
 By [Signature]

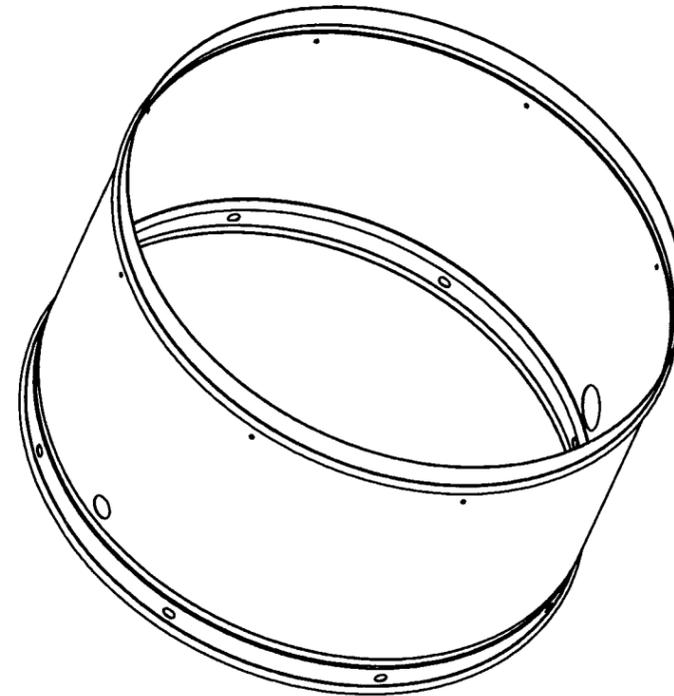
John D. Winslow
 Aug 25, 2008
 JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

MAT'L	D THICK 1100-0 ALUM		 LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI	
DRAWN	JMD	7/17/08		
DESIGNER	BFS	SHEET 4 OF 10		
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			
ACRU/VCR/ACSC POWER BENTILATOR HURRICANE RATED		SIZE	DRAWING NO.	REV.
		B	SD080717-12	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 11/13/2008
NOA# 08-1502-01
Miami Dade Product Control
Division
By *[Signature]*

[Signature]
Aug 25, 2008

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

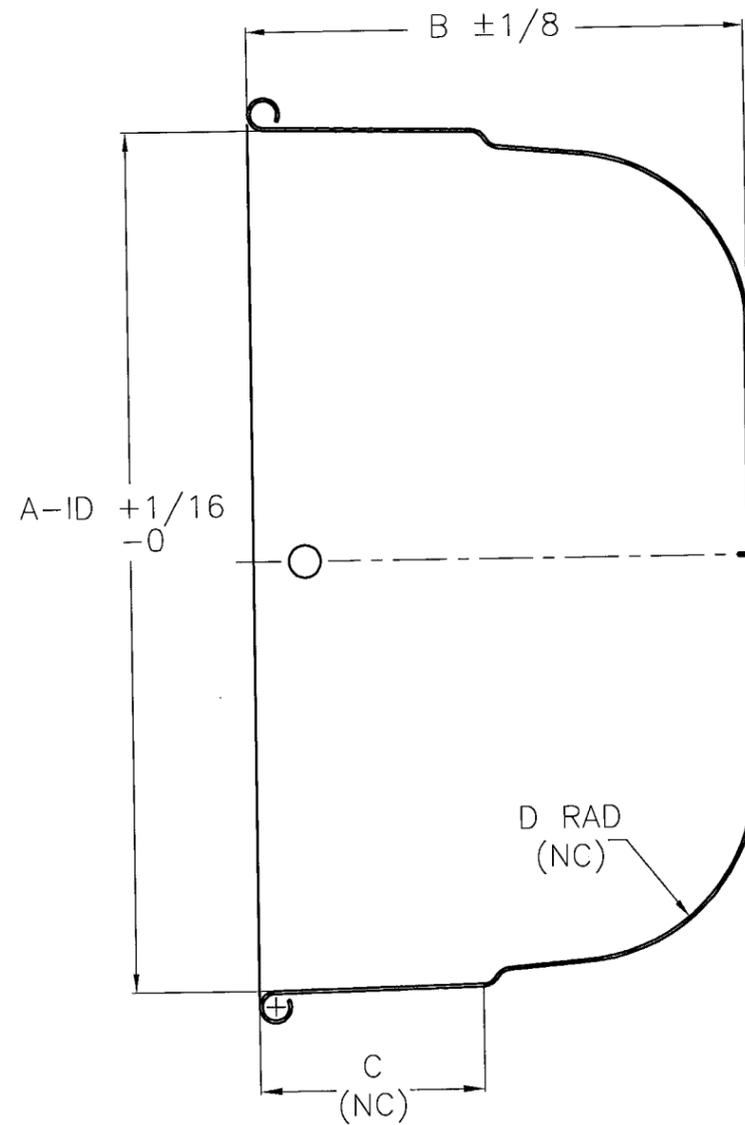
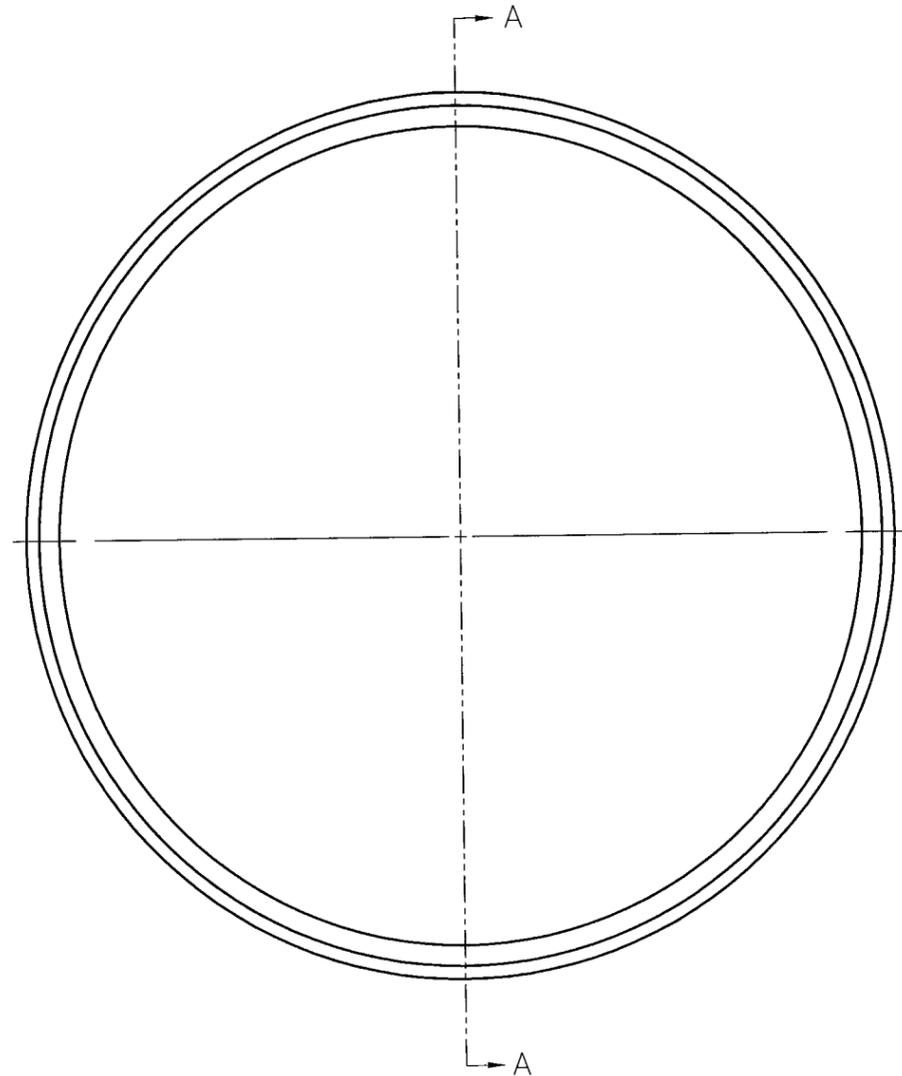
MAT'L	SEE TABLE	
DRAWN	JMD	7/17/08
DESIGNER	BFS	SHEET 5 OF 10
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2°	(NC)=NO INSPECTION REQ'D	



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

ACRU/VCR/ACSC
POWER VENTILATOR
HURRICANE RATED

SIZE	DRAWING NO.	REV.
B	SD080717-12	A



SECTION A-A

Approved as complying with the
 Florida Building Code
 Date 11/13/2008
 NOA# 08-0902.01
 Miami Dade Product Control
 Division
 By [Signature]

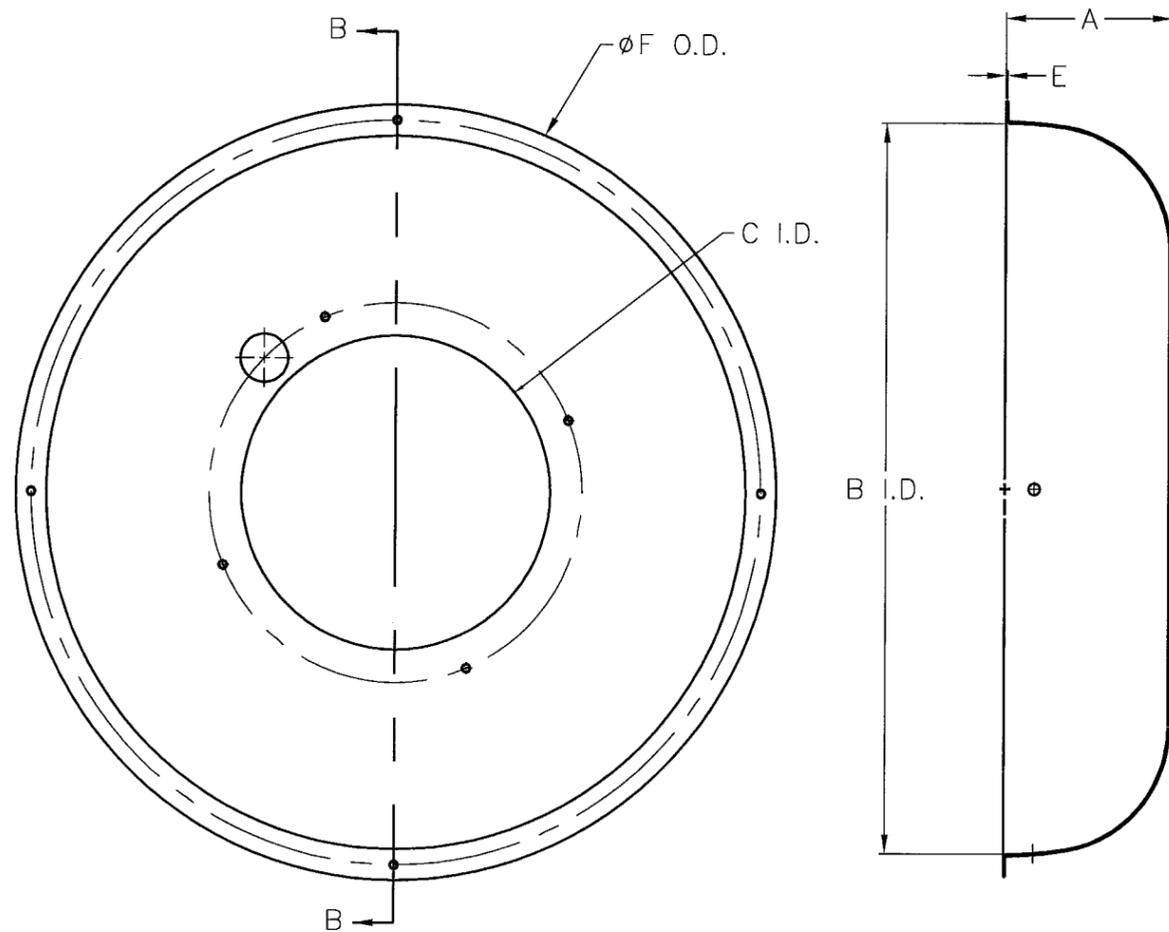
90-100 EXTRA DEEP	13-7/16	10	3-9/16	2-7/16
90-100	13-7/16	7-3/4	3-9/16	2-7/16
70 EXTRA DEEP	10-5/8	7-1/2	3-1/4	1-7/8
70	10-5/8	6-1/2	3-1/4	1-7/8
UNIT	A	B	C	D
SIZE	DIM	DIM	DIM	DIM
DIRECT DRIVE				

John D. Winslow
 Aug 28 2008

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

MAT'L	1100-0 ALUM .064 THICK		
DRAWN	JMD	7/17/08	
DESIGNER	BFS	SHEET 6 OF 10	
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. <small>MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI</small>	
	ACRU/VCR/ACSC POWER VENTILATOR HURRICANE RATED	
SIZE	DRAWING NO.	REV.
B	SD080717-11	A



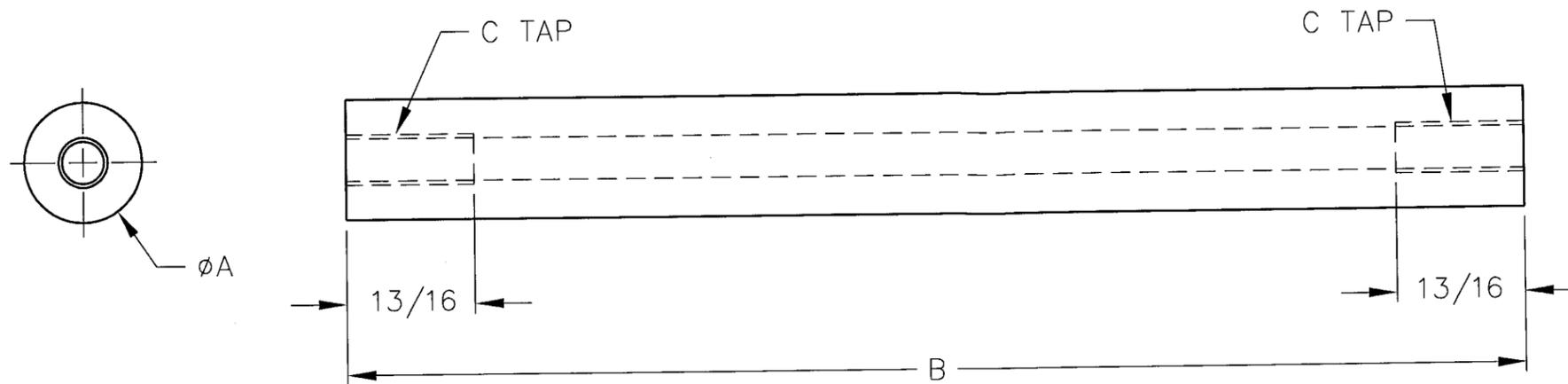
300	14-3/4	52	31-3/8	19-13/16	0.080	54
270	12-1/4	47	28-3/8	15-11/32	0.080	49
245	12-1/4	47	25-7/8	15-11/32	0.080	49
210-225	11	43	23-3/8	14-5/16	0.080	45
180-195	10-3/8	37-1/4	19-3/8	12-1/2	0.080	39-1/4
150-165	9-1/2	32-1/2	15-7/8	10-9/16	0.064	34-1/2
120-135	8-1/4	28	12-7/8	8-3/4	0.064	30
100	5-7/16	23	10-1/8	7-5/16	0.064	25
UNIT	DIM	DIM	DIM	DIM	DIM	DIM
SIZE	A	B	C	D	E	F

Approved as complying with the
Florida Building Code
Date 11/13/2008
NOAS 08-0302-01
Miami Dade Product Control
Division
By [Signature]

[Handwritten Signature]
25, 2008
Aug

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

MAT'L	3003-0 ALUM "E" THICK		 LOREN COOK CO. <small>MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI</small>		
DRAWN	JMD	7/17/08			
DESIGNER	BFS	SHEET 7 OF 10			
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE NOTED			ACRU/VCR/ACSC POWER VENTILATOR HURRICANE RATED		
DECIMAL	FRACTIONAL				
.XX=±.063"	≤12"=±1/16"		SIZE	DRAWING NO.	REV.
.XXX=±.010"	>12" THRU 96"=±1/8"		B	SD080717-12	A
.XXX=±.001"	>96" THRU 144"=±1/4"				
ANGULAR	>144"=±3/8"		(NC)=NO INSPECTION REQ'D		
±2"					



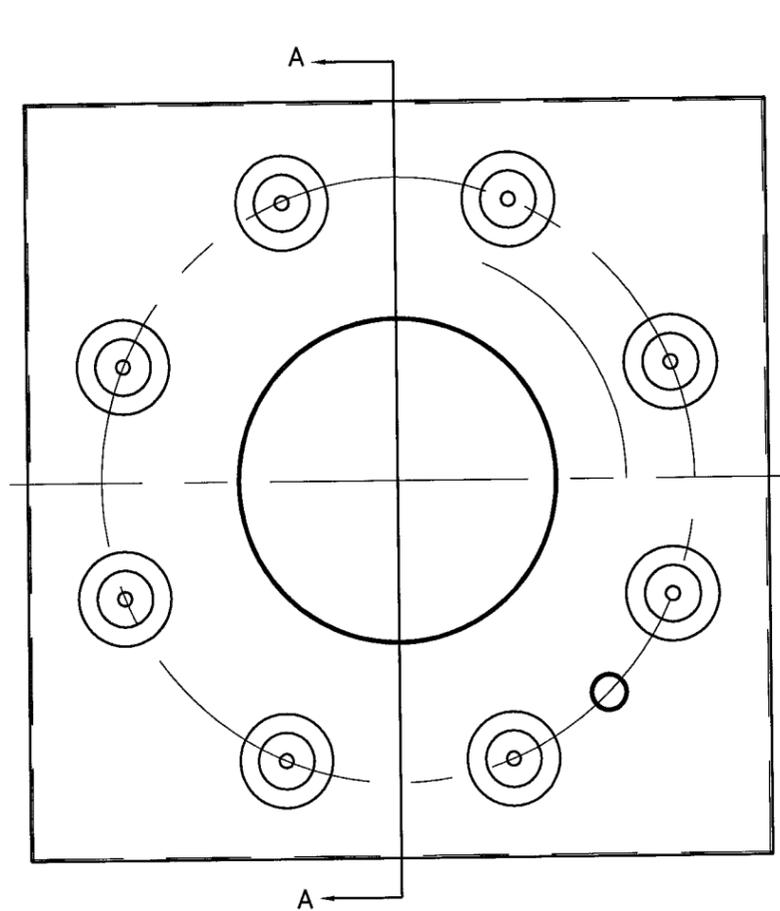
300	1	7	3/8-16	LOWER	8
270	1	6 1/8	3/8-16	LOWER	8
245	1	6 1/8	3/8-16	LOWER	4
225	3/4	4 7/8	5/16-18	LOWER	4
210	3/4	4 7/8	5/16-18	LOWER	4
195	3/4	4 1/2	5/16-18	LOWER	4
180	3/4	4 1/2	5/16-18	LOWER	4
165	3/4	3 1/8	5/16-18	LOWER	4
150	3/4	3 1/8	5/16-18	LOWER	4
135	3/4	2 1/4	5/16-18	LOWER	4
120	3/4	2 1/4	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					

John D. Winslow
 Aug 25 2008

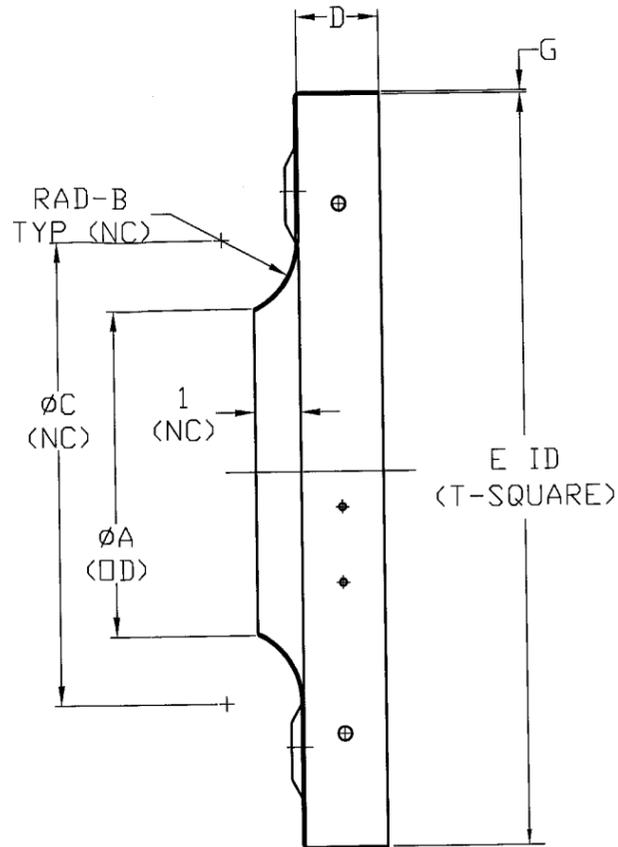
JOHN D. WINSLOW, P.E.
 FL PE LIC. NO. 55841

Approved as complying with the
 Florida Building Code
 Date 11/13/2008
 NOA# 08-0902.01
 Miami Dade Product Control
 Division
 By *[Signature]*

MAT'L	ØA 6005-T6 OR 6105-T5	
DRAWN	JMD	7/17/08
DESIGNER	BFS	SHEET 8 OF 10
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		ACRU/VCR/ACSC POWER VENTILATOR HURRICANE RATED
SIZE	DRAWING NO.	REV.
B	SD080717-12	A



TOP VIEW
SIZE 150



A-A SECTION
VIEW
SIZE 150

225	17-1/4	3-1/2	22	3	30	.080
210	16-1/2	3-1/2	20-15/16	3	30	.080
195	14-1/8	3	19	3	30	.080
180	13-1/2	1-1/2	16-1/2	3	30	.080
165	11-7/8	2-1/2	16	2	24	.064
150	10-3/4	2-1/2	15	2	24	.064
135	9-3/8	2	13	2	20	.064
120	8-9/16	2	12	2	20	.064
UNIT	A	B	C	D	E	F
SIZE	DIM	DIM	DIM	DIM	DIM	DIM

Approved as complying with the
Florida Building Code
Date 11/13/2008
NO. 02-6902.01
Miami Dade Product Control
Division
By *[Signature]*

[Handwritten Signature]
2/1/2008

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

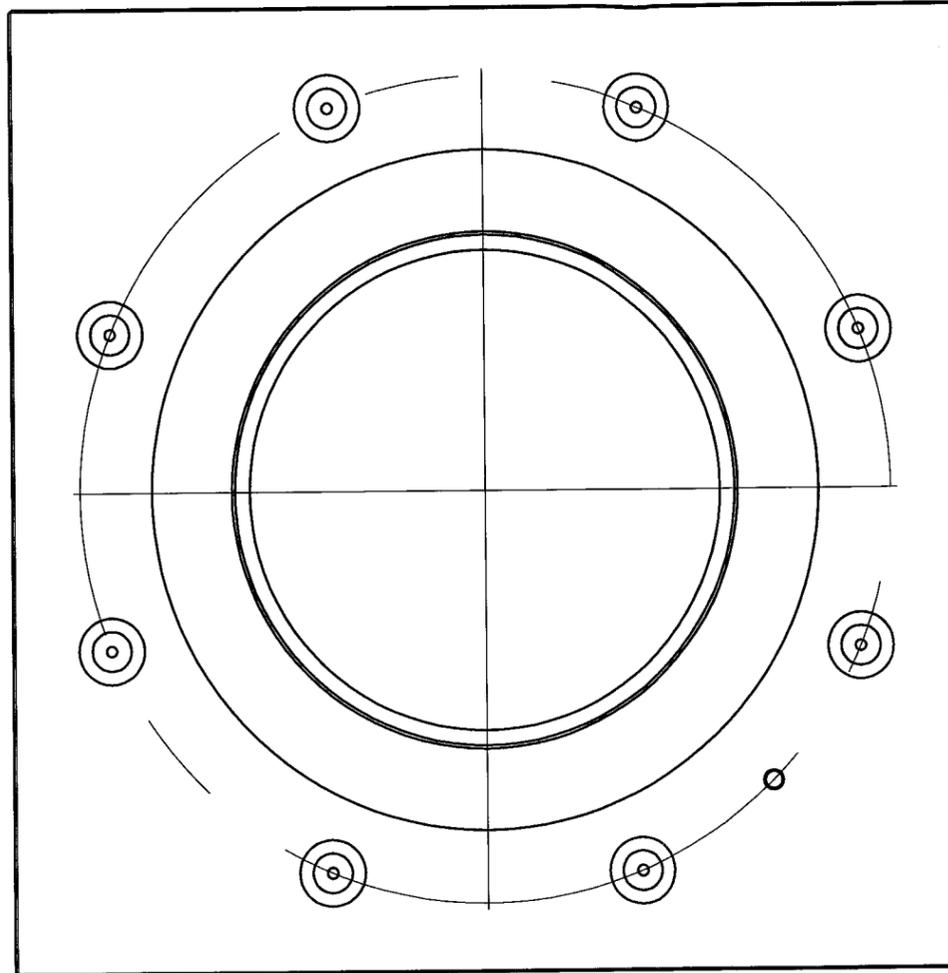
MAT'L	3003-H14 ALUM. "F" GA.	
DRAWN	JMD	7/17/08
DESIGNER	BFS	SHEET 9 OF 10
DO NOT SCALE DRAWING TOLERANCES UNLESS OTHERWISE NOTED		
DECIMAL	FRACTIONAL	
.XX=±.063"	≤12"=±1/16"	
.XXX=±.010"	>12" THRU 96"=±1/8"	
.XXXX=±.001"	>96" THRU 144"=±1/4"	
ANGULAR	>144"=±3/8"	
±2°	(NC)=NO INSPECTION REQ'D	



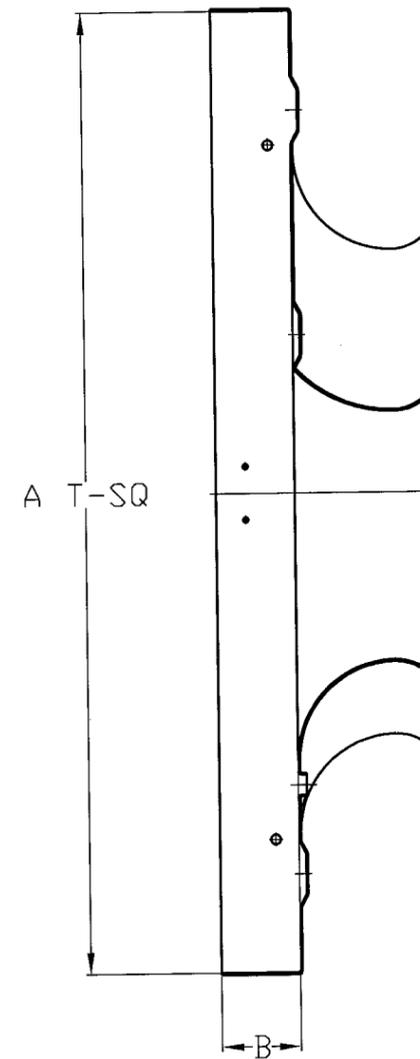
LOREN COOK CO.
MANUFACTURERS OF AIR MOVING EQUIPMENT
SPRINGFIELD, MISSOURI

ACRU/VCR/ACSC
POWER VENTILATOR
HURRICANE RATED

SIZE	DRAWING NO.	REV.
B	SD080717-12	A



FORM VIEW
SIZE 270 SHOWN



300	36	3	.080
270	36	3	.080
245	30	3	.080
UNIT	A	B	C
SIZE	T-SQUARE	DIM	DIM

Approved as complying with the
Florida Building Code
Date 11/13/2008
NOAA 08-0702-01
Miami Dept Product Control
Division
By [Signature]

John D. Winslow
Aug 25 2008

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

MAT'L	3003-H14 AL. "C" THICK		
DRAWN	JMD	7/17/08	
DESIGNER	BFS	SHEET 10 OF 10	
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°			
 LOREN COOK CO. MANUFACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI		ACRU/VCR/ACSC POWER VENTILATOR HURRICANE RATED	
		SIZE	DRAWING NO.
B	SD080171-12	A	