

ATTIC BREEZE

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1.

THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 8TH EDITION (2023) EDITION FLORIDA BUILDING AND RESIDENTIAL CODES INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN.
2.

PERFORMANCE TESTING BASED ON THE FOLLOWING.

2.1.

TAS 202-94 (STRUCTURAL LOADING ONLY), PERFORMED BY QAI LABORATORIES, MEDLEY, FL, 33166

2.1.1.

TEST REPORT NO. MED-3208a, DATED 08/29/25, SIGNED AND SEALED TEST REPORT BY IDALMIS ORTEGA, FLORIDA LICENSE NO. 76905.

2.1.1.1.

AEROBREEZE SFA PRO (AB-2526A) AND SFA HP (AB-3526A) SERIES TESTED.

2.1.2.

TEST REPORT NO. MED-7117A, REV 2, DATED 5/15/26, SIGNED AND SEALED TEST REPORT BY IDALMIS ORTEGA, FLORIDA LICENSE NO. 76905.

2.1.2.1.

AEROBREEZE SFA MAX (AB-4526A), CMA HP (AB-3546A) AND CMA MAX (AB-4546A) SERIES TESTED.

2.1.2.1.1.

AEROBREEZE CMA HP (AB-3546A) TESTING ENVELOPES CMA PRO (AB-2546A) SERIES.

2.2.

TAS 100(A)-95, FTL (a QAI Company), MEDLEY, FL, 33166.

2.2.1.

TEST REPORT NO. 12036, DATED 03/21/20, SIGNED AND SEALED TEST REPORT BY IDALMIS ORTEGA, FLORIDA LICENSE NO. 76905.

2.2.1.1.

AEROBREEZE SFA PRO (AB-2526A) AND SFA HP (AB-3526A) SERIES TESTED.

2.3.

TAS 100(A)-23, PERFORMED BY QAI LABORATORIES, MEDLEY, FL, 33166

2.3.1.

TEST REPORT NO. MED-7117B, DATED 5/8/26, SIGNED AND SEALED TEST REPORT BY IDALMIS ORTEGA, FLORIDA LICENSE NO. 76905.

2.3.1.1.

AEROBREEZE SFA MAX (AB-4526A) SERIES TESTED.

2.3.2.

TEST REPORT NO. MED-7117C, DATED 5/8/26, SIGNED AND SEALED TEST REPORT BY IDALMIS ORTEGA, FLORIDA LICENSE NO. 76905.

2.3.2.1.

AEROBREEZE CMA MAX (AB-4546A) SERIES TESTED.

2.3.3.

TEST REPORT NO. MED-7117D, DATED 5/8/26, SIGNED AND SEALED TEST REPORT BY IDALMIS ORTEGA, FLORIDA LICENSE NO. 76905.

2.3.3.1.

AEROBREEZE CMA HP (AB-3546A) SERIES TESTED. THIS TEST ENVELOPES THE CMA PRO (AB-2546A) SERIES.

3.

PERFORMANCE TEST RESULTS BASED ON THE TEST REPORTS REFERENCED IN GENERAL NOTE 2 ABOVE INCLUDE THE FOLLOWING.

3.1.

TAS 202-94 (STRUCTURAL LOADING ONLY)

3.1.1.

TEST FOR STRUCTURAL PERFORMANCE TO TAS 202-94 (STRUCTURAL LOADING ONLY) AT A TEST LOAD OF -220 PSF.

3.1.2.

SAFETY FACTOR OF 2 APPLIED TO STRUCTURAL TEST LOAD RESULTS YIELDS DESIGN PRESSURE OF -110 PSF.

3.2.

TAS 100(A)-95 AND TAS 100(A)-23

3.2.1.

TEST FOR WIND-DRIVEN RAIN RESISTANCE PER TAS 100(A)-95, SECTION 10.3 WAS PERFORMED.

3.2.2.

STRUCTURAL TESTING FOR INCREASED WINDSPEED RESISTANCE FOR VENTS PER TAS 100(A)-95, SECTION 10.4 WAS PERFORMED.

3.2.3.

AN INSTALLATION HEIGHT NOT TO EXCEED 75 FEET IS APPLICABLE BASED ON TAS 100(A)-95, TABLE 2 AND TABLE 3.

3.2.4.

SFA SERIES TESTING CONDUCTED USING ASPHALT SHINGLES.

3.2.5.

CMA SERIES TESTING CONDUCTED USING 3" HIGH ROOFING TILES.

4.

FOR ROOF MOUNTING: ADEQUACY OF THE EXISTING STRUCTURAL ROOF SHEATHING AND SUPPORTING 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.

5.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

6.

HOOD & FLASHING MATERIAL: 0.080" 3003-0 ALUMINUM.

7.

PRIOR TO A HURRICANE OR ANTICIPATED HIGH WIND EVENT, THE SOLAR PANEL SHALL BE PLACED IN THE RETRACTED POSITION WHERE APPLICABLE.

8.

SOLAR ATTIC FAN MAY BE INSTALLED ON ROOFS WITH SLOPES FROM 9.5 DEGREES (2" RISE OVER 12" RUN) TO 45 DEGREES (RISE EQUALS RUN).

9.

THIS PRODUCT EVALUATION DOCUMENT ADDRESSES THE STRUCTURAL ATTACHMENT OF THE ROOF VENT TO THE ROOF SHEATHING ONLY. PREPARATION OF THE ROOF SHEATHING AND ROOF COVERING(S) TO RECEIVE THE ROOF VENT SHALL BE PER THE MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE AND CHAPTER 9 OF THE FLORIDA RESIDENTIAL CODE.

10.

THIS APPROVAL IS FOR THE STRUCTURAL PERFORMANCE ONLY. IMPACT RESISTANCE WAS NOT TESTED. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS PRODUCT APPROVAL DOCUMENT.

INSTALLATION NOTES:

1.

FOR SELF-FLASHING SFA SERIES SOLAR ATTIC FAN INSTALLATION, SEE SHEETS 2, 3, 4 AND 5.

2.

FOR CURB-MOUNTED CMA SERIES SOLAR ATTIC FAN INSTALLATION, SEE SHEETS 6, 7 AND 8.

2.1.

THE CURB TO ROOF ATTACHMENT DETAILS ON SHEETS 6, 7 AND 8 ARE BASED ON TESTING AND ENGINEERING. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

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SHEET	DESCRIPTION
1	GENERAL NOTES
2 TO 5	SFA INSTALLATION NOTES
6 TO 8	CMA INSTALLATION NOTES
9 TO 11	SFA ELEVATIONS, SECTIONS AND BOM
12 TO 14	CMA ELEVATIONS, SECTIONS AND BOM

PERFORMANCE RATING - HVHZ	
DESIGN PRESSURE (PSF)	IMPACT RATING
-110	NONE
SEE GENERAL NOTE 3.2 FOR TAS 100(A) TESTING RESULTS.	

Attic Breeze

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Gatesville, Texas 76528

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN

DATE	BY	REVISION DESCRIPTION	REVISE MODEL/SERIES NAME	UPDATED TESTING FOR ADD NEW MODELS		
3/5/26	RJA		A	B		

DATE:

3/5/26

DWN BY:

RJA

CHK BY:

n/a

SCALE:

NONE

ROBERT J. AMORUSO, P.E. #49752

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PROJECT#:

ACE-2026-101

DWG/REV:

ATBR0001, Rev B

SHT:

1 of 14

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) SERIES INSTALLATION
DETAILS FOR ASPHALT SHINGLES AND OTHER LOW PROFILE ROOF COVERINGS

THIS SHEET
APPLICABLE TO
LOCATIONS INSIDE
THE HVHZ

INSTALLATION NOTES, HVHZ LOCATIONS:

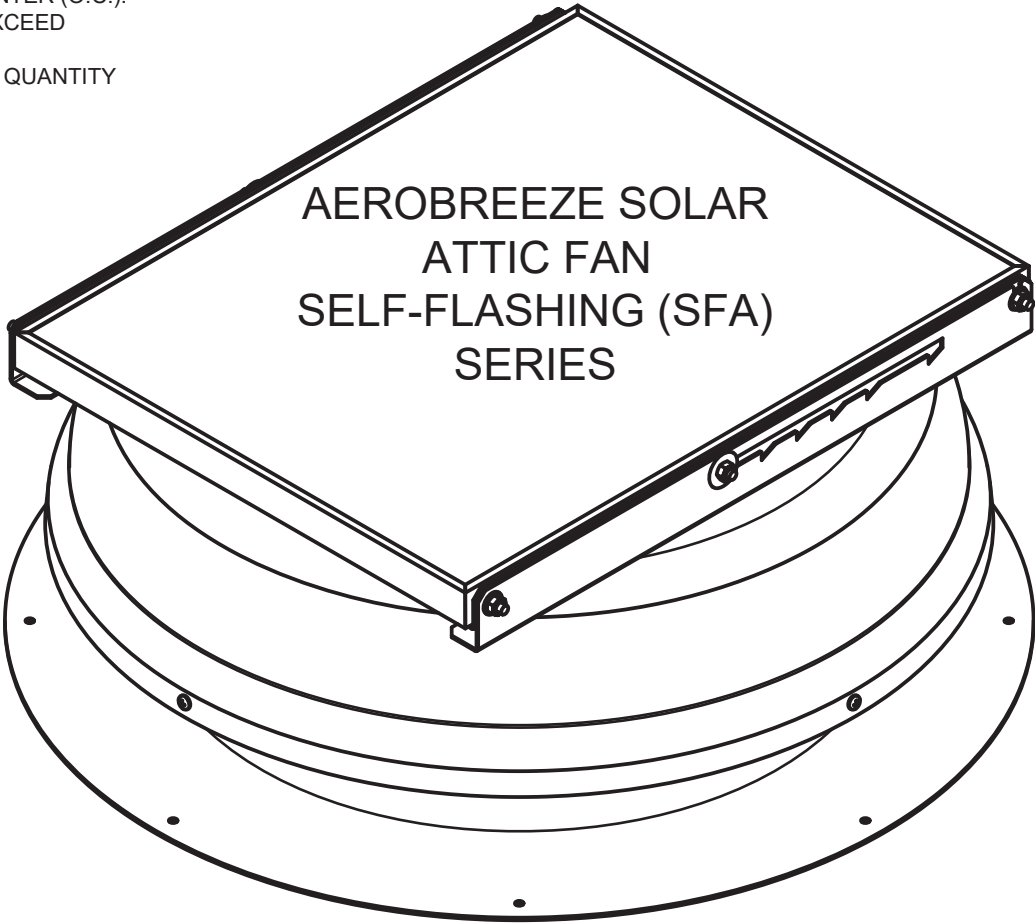
- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN. SEE SHEETS 4 AND 5 FOR ADDITIONAL INSTALLATION DETAILS.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED (QUANTITY OF 8 ANCHORS) ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AS FOLLOWS:
 - 2.1. 2X WOOD FRAMING
 - 2.1.1. A MINIMUM OF EIGHT (8) ANCHORS SHALL BE USED.
 - 2.2. PLYWOOD ROOF SHEATHING, THE GREATER OF:
 - 2.2.1. A MINIMUM OF EIGHT (8) ANCHORS SHALL BE USED, OR
 - 2.2.2. AS REQUIRED BY THE INSTALLATION ANCHOR SCHEDULE ON SHEET 2.
- 3. ANCHOR TYPE AND SIZE;
 - 3.1. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OR #10 TYPE A SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO 2X WOOD STRUCTURAL SUBSTRATE. MINIMUM EDGE DISTANCE IS 3/8 INCHES AND MINIMUM END DISTANCE IS 3/4 INCHES.
 - 3.2. FOR INSTALLATION INTO ROOF SHEATHING, USE #10 TYPE A SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE FULL THREAD EMBEDMENT INTO STRUCTURAL SUBSTRATE. SELF-TAPPING SCREWS (a.k.a., SHEET METAL SCREWS) ARE THREADED THE FULL LENGTH AND REQUIRED TO ENSURE FULL THREAD ENGAGEMENT INTO SHEATHING.
 - 3.3. ANCHOR SPECIFICATIONS
 - 3.3.1. WOOD SCREWS WILL BE NO. 10 PAN HEAD WOOD SCREW, MEETING ANSI B18.6.1, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.
 - 3.3.2. TAPPING SCREWS SHALL BE NO. 10 TYPE A PAN HEAD TAPPING SCREW, MEETING ASME/ANSI B18.6.4, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.
 - 3.3.3. HEX HEAD SCREWS CAN BE USED IN LIEU OF PAN HEAD SCREWS.
 - 3.3.4. NEOPRENE WASHERS SHALL BE USED AND PLACED UNDER THE HEAD OF THE SCREW.
- 4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE ROOFING FINISHES, INCLUDING BUT NOT LIMITED TO ROOF SHEATHING, SHINGLES, TILES, METAL, UNDERLAYMENTS, ETC.
- 5. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - 5.1. 2 BY WOOD FRAMING (FOR 2X WOOD FRAMING INSTALLATION OPTION)
 - 5.1.1. MINIMUM SPECIFIC GRAVITY OF 0.55 INSIDE HVHZ.
 - 5.2. PLYWOOD RATING
 - 5.2.1. PLYWOOD SHALL BE RATED FOR EXPOSURE 1 PER FBC SECTION 2322.2.3.
- 6. ADDITIONAL INSTALLATION INSTRUCTIONS
 - 6.1. PRODUCT SHALL NOT BE INSTALLED ON ROOF SHEATHING LESS THAN THE REQUIRED THICKNESS PER THE FLORIDA BUILDING CODE.
 - 6.2. SELF-FLASHING (SFA) SERIES:
 - 6.2.1. PRODUCT CAN BE INSTALLED ON ROOFS UTILIZING ASPHALT SHINGLES, COMPOSITE SHINGLES, CEDAR SHAKE, FLAT CONCRETE TILE OR OTHER LOW-PROFILE ROOF COVERINGS.
 - 6.2.2. FOR ADDITIONAL REQUIREMENTS SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE AEROBREEZE SFA SERIES SOLAR ATTIC FANS.
 - 6.2.1. SFA SERIES FAN FLASHING, SEALING AND WATER-RESISTANT COVERINGS ARE NOT A PART OF THIS PRODUCT APPROVAL DOCUMENT. SEE INSTALLATION INSTRUCTIONS PROVIDED BY ATTIC BREEZE FOR SFA SERIES SOLAR ATTIC FAN INSTALLATION.

SFA SERIES INSTALLATION ANCHOR TABLE, HVHZ LOCATIONS:

- 1. TABLE AT RIGHT SHOWS QUANTITY OF ANCHORS REQUIRED FOR THE FOLLOWING:
 - 1.1. VARIOUS DESIGN PRESSUES (DP) IN POUNDS PER SQUARE FOOT (PSF),
 - 1.2. PLYWOOD, EXPOSURE 1.
- 2. USE THIS TABLE AS FOLLOWS:
 - 2.1. DETERMINE THICKNESS OF ROOF SHEATHING.
 - 2.2. DETERMINE REQUIRED NEGATIVE (UPLIFT) DESIGN PRESSURE FOR PROJECT'S PHYSICAL LOCATION.
 - 2.3. ENTER TABLE TO DETERMINE QUANTITY OF ANCHORS (SELF-TAPPING SCREWS REQUIRED FOR SHEATHING ONLY WHERE ANCHORS WILL NOT ENGAGE IN 2X FRAMING).
- 3. QUANTITY OF ANCHORS SHALL NEVER BE LESS THAN EIGHT (8).
 - 3.1. ATTIC FAN WAS TESTED WITH EIGHT (8) ANCHORS AT 9-11/16" O.C. PERIMETER SPACING. THEREFORE, MINIMUM REQUIRED ANCHOR QUANTITY IS EIGHT (8).
 - 3.2. ANCHOR QUANTITY MAY BE GREATER THAN EIGHT (8) BASED ON DESIGN PRESSURE REQUIREMENTS OF INSTALLATION AND/OR SUBSTRATE MATERIALS PER TABLE ON THIS SHEET.
- 4. SPACING SHOWN ON SHEET 4 BASED ON THE FOLLOWING.
 - 4.1. QUANTITY OF ANCHORS EIGHT (8).
 - 4.2. ANCHORS LOCATED IN CIRCULAR MANNER IN A PERIMETER CIRCLE OF 26" NOMINAL DIAMETER.
 - 4.3. EIGHT (8 ANCHORS) SPACED EVENLY ON 24-5/8" DIAMETER ARE SPACED 9-11/16" ON CENTER (O.C.).
 - 4.4. SPACING MAY BE LESS BUT CANNOT EXCEED 9-11/16" O.C.
 - 4.5. SPACING WILL BE LESS WHEN ANCHOR QUANTITY EXCEEDS EIGHT (8) ANCHORS.

THIS TABLE TO BE USED FOR HVHZ LOCATIONS

SUBSTRATE		QUANTITY OF INSTALLATION ANCHORS AT VARIOUS DESIGN PRESSURES (psf)					
Type	Thickness	up to -85 psf	-90 psf	-95 psf	-100 psf	-105 psf	-110 psf
2X FRAMING		8	8	8	8	8	8
Plywood Exposure 1	7/16"	8	8	8	8	8	9
	15/32"	8	8	8	8	8	8
	1/2"	8	8	8	8	8	8
	19/32"	8	8	8	8	8	8
	5/8"	8	8	8	8	8	8
	3/4"	8	8	8	8	8	8



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AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN					
NO.		REVISION DESCRIPTION		BY	DATE
A		REVISE MODEL/SERIES NAME		RJA	1/5/26
B		UPDATED TESTING FOR ADD NEW MODELS		RJA	6/3/26

DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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PROJECT#: ACE-2026-101	
DWG/REV: ATBR0001, Rev B	
SHT:	2 of 14

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) SERIES INSTALLATION DETAILS FOR ASPHALT SHINGLES AND OTHER LOW PROFILE ROOF COVERINGS

THIS SHEET
APPLICABLE TO
LOCATIONS OUTSIDE
THE HVHZ ONLY

INSTALLATION NOTES, NON-HVHZ LOCATIONS:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN. SEE SHEETS 4 AND 5 FOR ADDITIONAL INSTALLATION DETAILS.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED (QUANTITY OF 8 ANCHORS) ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AS FOLLOWS:

2.1. 2X WOOD FRAMING

2.1.1. A MINIMUM OF EIGHT (8) ANCHORS SHALL BE USED.

2.2. PLYWOOD OR OSB ROOF SHEATHING, THE GREATER OF:

2.2.1. A MINIMUM OF EIGHT (8) ANCHORS SHALL BE USED, OR

2.2.2. AS REQUIRED BY THE INSTALLATION ANCHOR SCHEDULE ON SHEET 3.
3. ANCHOR TYPE AND SIZE;

3.1. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OR #10 TYPE A SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO 2X WOOD STRUCTURAL SUBSTRATE. MINIMUM EDGE DISTANCE IS 3/8 INCHES AND MINIMUM END DISTANCE IS 3/4 INCHES.

3.2. FOR INSTALLATION INTO ROOF SHEATHING, USE #10 TYPE A SELF-TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE FULL THREAD EMBEDMENT INTO STRUCTURAL SUBSTRATE. SELF-TAPPING SCREWS (a.k.a., SHEET METAL SCREWS) ARE THREADED THE FULL LENGTH AND REQUIRED TO ENSURE FULL THREAD ENGAGEMENT INTO SHEATHING.

3.3. ANCHOR SPECIFICATIONS

3.3.1. WOOD SCREWS WILL BE NO. 10 PAN HEAD WOOD SCREW, MEETING ANSI B18.6.1, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

3.3.2. TAPPING SCREWS SHALL BE NO. 10 TYPE A PAN HEAD TAPPING SCREW, MEETING ASME/ANSI B18.6.4, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

3.3.3. HEX HEAD SCREWS CAN BE USED IN LIEU OF PAN HEAD SCREWS.

3.3.4. NEOPRENE WASHERS SHALL BE USED AND PLACED UNDER THE HEAD OF THE SCREW.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE ROOFING FINISHES, INCLUDING BUT NOT LIMITED TO ROOF SHEATHING, SHINGLES, TILES, METAL, UNDERLAYMENTS, ETC.
5. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

5.1. 2 BY WOOD FRAMING (FOR 2X WOOD FRAMING INSTALLATION OPTION)

5.1.1. MINIMUM SPECIFIC GRAVITY OF 0.42 OUTSIDE HVHZ.

5.2. PLYWOOD - SPECIES GROUP 1, 2, 3, 4 OR 5 (APA VOLUNTARY PRODUCT STANDARD PS 1).

5.2.1. PLYWOOD SPECIES GROUP OR OTHER CLASSIFICATIONS AND LIMITATIONS OF USE AS REQUIRED BY THE FLORIDA BUILDING CODE WILL BE MET.

5.2.2. PLYWOOD SHALL BE RATED FOR EXPOSURE 1 OR BETTER PER FBC SECTION 2304.8.2.

5.2.3. MINIMUM PLYWOOD THICKNESS BASED ON CONSTRUCTION CLASSIFICATION PER THE FLORIDA BUILDING CODE SHALL BE ADHERED TOO.

5.3. OSB - SHEATHING GRADE (APA VOLUNTARY PRODUCT STANDARD PS 2).

5.3.1. OSB CLASSIFICATIONS AND LIMITATIONS OF USE AS REQUIRED BY THE FLORIDA BUILDING CODE WILL BE MET.

5.3.2. MINIMUM OSB THICKNESS BASED ON CONSTRUCTION CLASSIFICATION PER THE FLORIDA BUILDING CODE SHALL BE ADHERED TOO.
6. ADDITIONAL INSTALLATION INSTRUCTIONS

6.1. PRODUCT SHALL NOT BE INSTALLED ON ROOF SHEATHING LESS THAN THE REQUIRED THICKNESS PER THE FLORIDA BUILDING CODE.

6.2. SELF-FLASHING (SFA) SERIES:

6.2.1. PRODUCT CAN BE INSTALLED ON ROOFS UTILIZING ASPHALT SHINGLES, COMPOSITE SHINGLES, CEDAR SHAKE, FLAT CONCRETE TILE OR OTHER LOW-PROFILE ROOF COVERINGS.

6.2.2. FOR ADDITIONAL REQUIREMENTS SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE AEROBREEZE SFA SERIES SOLAR ATTIC FANS.

6.2.1. SFA SERIES FAN FLASHING, SEALING AND WATER-RESISTANT COVERINGS ARE NOT A PART OF THIS PRODUCT APPROVAL DOCUMENT. SEE INSTALLATION INSTRUCTIONS PROVIDED BY ATTIC BREEZE FOR SFA SERIES SOLAR ATTIC FAN INSTALLATION.

SFA SERIES INSTALLATION ANCHOR TABLE, NON- HVHZ LOCATIONS:

1. TABLE BELOW SHOWS QUANTITY OF ANCHORS REQUIRED FOR THE FOLLOWING:

1.1. VARIOUS DESIGN PRESSUES (DP) IN POUNDS PER SQUARE FOOT (PSF),

1.2. 2X WOOD FRAMING.

1.3. PLYWOOD, EXPOSURE 1, SPECIES GROUPS 1 THROUGH 5.

1.4. OSB (SHEATHING GRADE).
2. USE THIS TABLE AS FOLLOWS:

2.1. DETERMINE THICKNESS OF ROOF SHEATHING.

2.2. DETERMINE REQUIRED NEGATIVE (UPLIFT) DESIGN PRESSURE FOR PROJECT'S PHYSICAL LOCATION.

2.3. ENTER TABLE TO DETERMINE QUANTITY OF ANCHORS (SELF-TAPPING SCREWS REQUIRED FOR SHEATHING ONLY WHERE ANCHORS WILL NOT ENGAGE IN 2X FRAMING).
3. QUANTITY OF ANCHORS SHALL NEVER BE LESS THAN EIGHT (8).

3.1. ATTIC FAN WAS TESTED WITH EIGHT (8) ANCHORS AT 9-11/16" O.C. PERIMETER SPACING. THEREFORE, MINIMUM REQUIRED ANCHOR QUANTITY IS EIGHT (8).

3.2. ANCHOR QUANTITY MAY BE GREATER THAN EIGHT (8) BASED ON DESIGN PRESSURE REQUIREMENTS OF INSTALLATION AND/OR SUBSTRATE MATERIALS PER TABLE ON THIS SHEET.
4. SPACING SHOWN ON SHEET 4 BASED ON THE FOLLOWING.

4.1. QUANTITY OF ANCHORS EIGHT (8).

4.2. ANCHORS LOCATED IN CIRCULAR MANNER IN A PERIMETER CIRCLE OF 26" NOMINAL DIAMETER.

4.3. EIGHT (8 ANCHORS) SPACED EVENLY ON 24-5/8" DIAMETER ARE SPACED 9-11/16" ON CENTER (O.C.).

4.4. SPACING MAY BE LESS BUT CANNOT EXCEED 9-11/16" O.C.

4.5. SPACING WILL BE LESS WHEN ANCHOR QUANTITY EXCEEDS EIGHT (8) ANCHORS.

THIS TABLE TO BE USED FOR NON-HVHZ LOCATIONS														
SUBSTRATE		QUANTITY OF INSTALLATION ANCHORS AT VARIOUS DESIGN PRESSURES (psf)												
Type	Thickness	up to -50 psf	-55 psf	-60 psf	-65 psf	-70 psf	-75 psf	-80 psf	-85 psf	-90 psf	-95 psf	-100 psf	-105 psf	-110 psf
2X FRAMING		8	8	8	8	8	8	8	8	8	8	8	8	8
OSB	7/16"	8	8	8	9	9	10	11	11	12	12	13	14	14
	15/32"	8	8	8	8	8	9	9	10	10	11	12	12	13
	1/2"	8	8	8	8	8	8	9	9	10	10	11	11	12
	19/32"	8	8	8	8	8	8	8	8	8	8	8	8	9
	5/8"	8	8	8	8	8	8	8	8	8	8	8	8	8
	3/4"	8	8	8	8	8	8	8	8	8	8	8	8	8
Plywood 1	7/16"	8	8	8	8	8	8	8	8	8	8	8	8	9
	15/32"	8	8	8	8	8	8	8	8	8	8	8	8	8
	1/2"	8	8	8	8	8	8	8	8	8	8	8	8	8
	19/32"	8	8	8	8	8	8	8	8	8	8	8	8	8
	5/8"	8	8	8	8	8	8	8	8	8	8	8	8	8
	3/4"	8	8	8	8	8	8	8	8	8	8	8	8	8
Plywood 2	7/16"	8	8	8	9	9	10	11	11	12	12	13	14	14
	15/32"	8	8	8	8	9	9	10	11	11	12	12	13	13
	1/2"	8	8	8	8	8	9	9	10	10	11	12	12	13
	19/32"	8	8	8	8	8	8	8	8	9	9	10	10	11
	5/8"	8	8	8	8	8	8	8	8	9	9	9	10	10
	3/4"	8	8	8	8	8	8	8	8	8	8	8	8	9
Plywood 3, 4, 5	7/16"	8	9	10	11	12	12	13	14	15	16	16	17	18
	15/32"	8	9	10	10	11	12	13	13	14	15	16	16	17
	1/2"	8	8	9	10	10	11	12	12	13	14	15	15	16
	19/32"	8	8	8	8	9	9	10	11	11	12	12	13	13
	5/8"	8	8	8	8	8	9	10	10	11	11	12	12	13
	3/4"	8	8	8	8	8	8	8	8	9	9	10	10	11

Attic Breeze
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AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN	REVISION DESCRIPTION		REVISION MODEL/SERIES NAME		REVISION TESTING FOR ADD NEW MODELS	
	NO.	A	B			
	DATE	BY	RJA	RJA		
			1/5/26	6/3/26		

DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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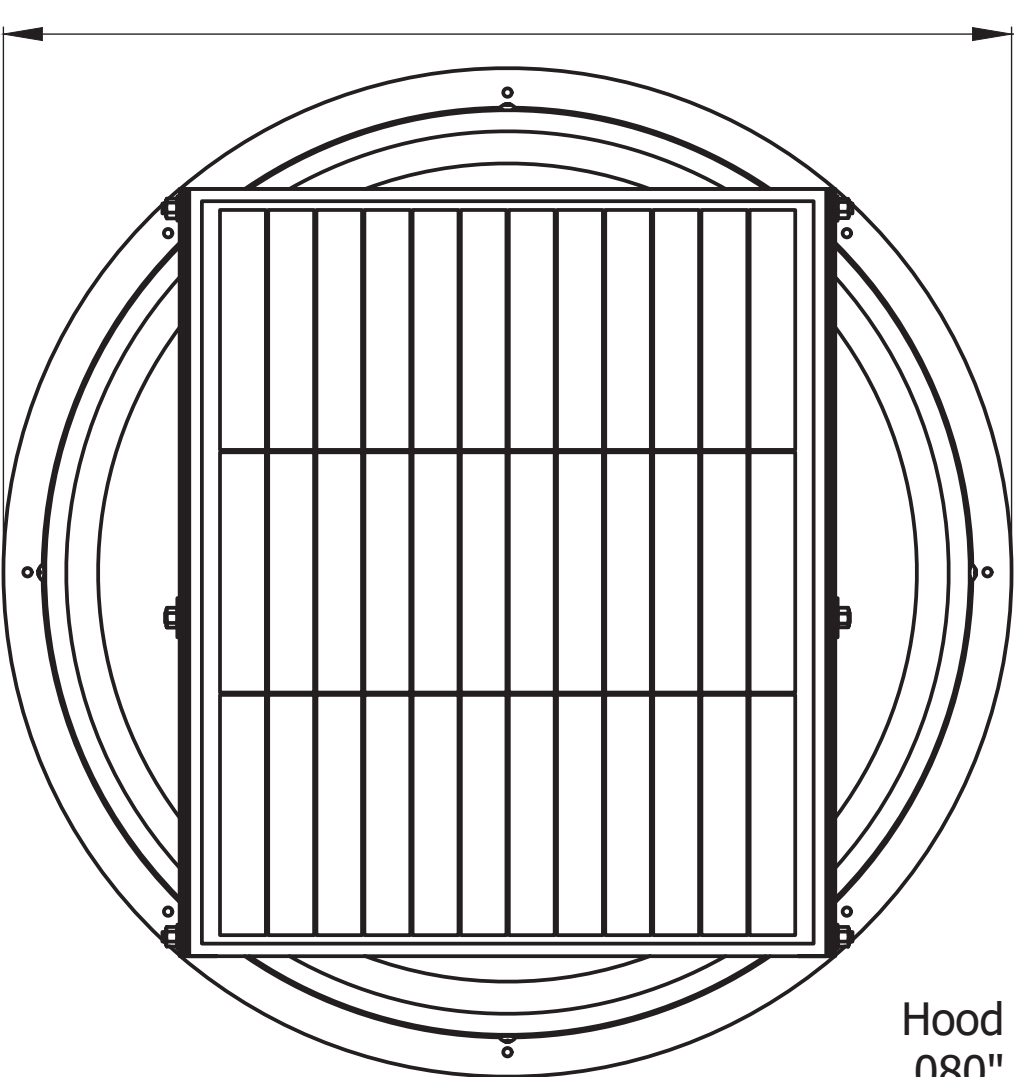
PROJECT#: ACE-2026-101

DWG/REV: ATBR0001, Rev B

SHT: 3 of 14

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) SERIES INSTALLATION DETAILS FOR ASPHALT SHINGLES AND OTHER LOW PROFILE ROOF COVERINGS

Attic Breeze
P.O. Box 1318, 1370 FM 116
Gatesville, Texas 76528

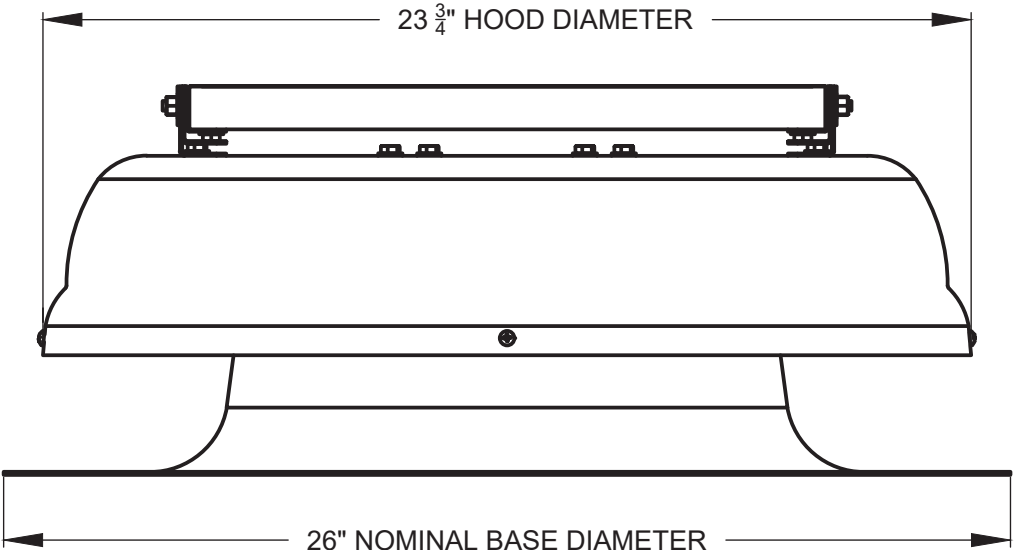


26" NOMINAL BASE
DIAMETER

Top View

THIS SHEET
APPLICABLE TO
LOCATIONS INSIDE AND
OUTSIDE THE HVHZ

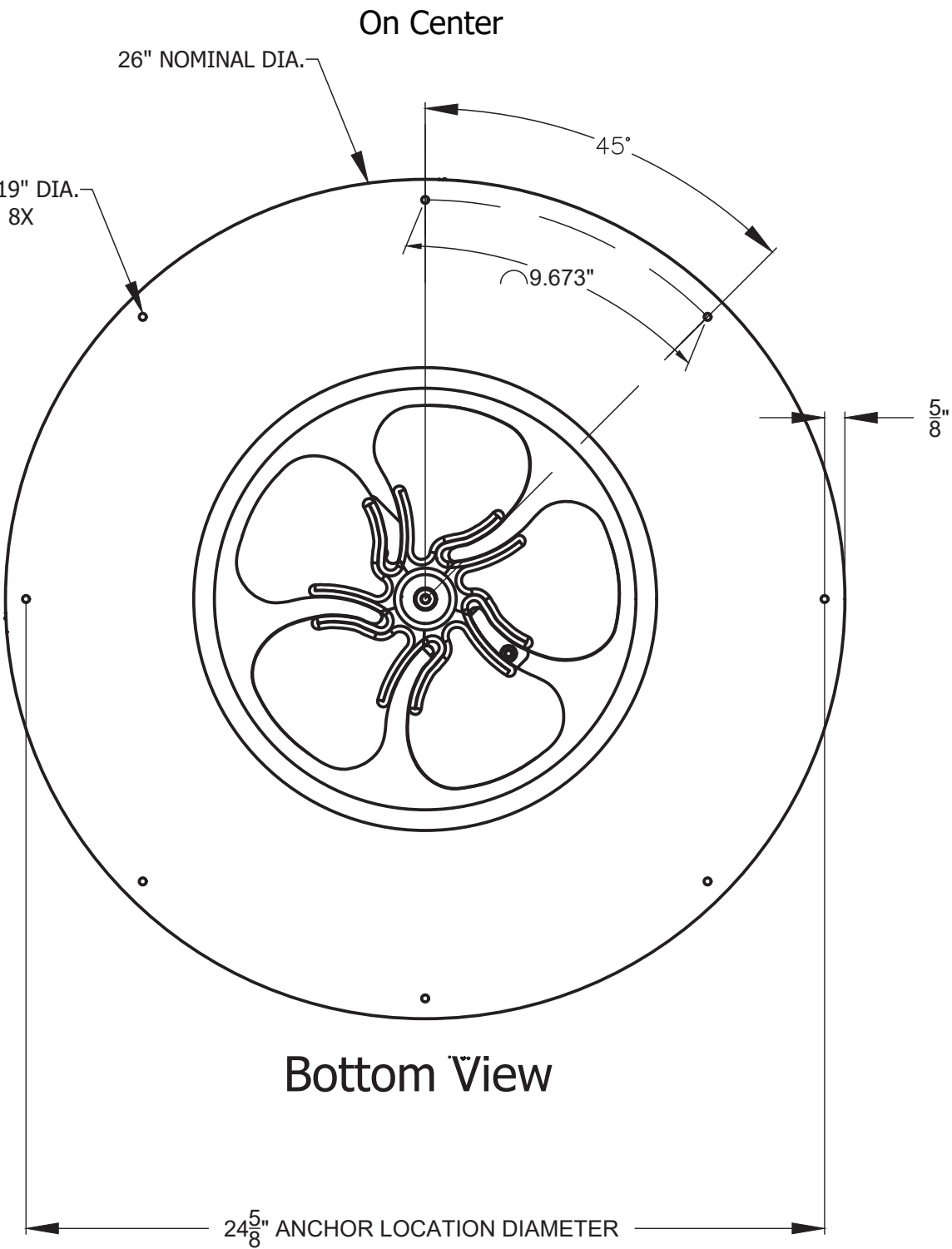
Hood & Flashing Material
.080" 3003-0 Aluminum



23 3/4" HOOD DIAMETER

26" NOMINAL BASE DIAMETER

Side View



On Center

26" NOMINAL DIA.

0.219" DIA.
8X

45°

9.673"

0.015"

Bottom View

24 5/8" ANCHOR LOCATION DIAMETER

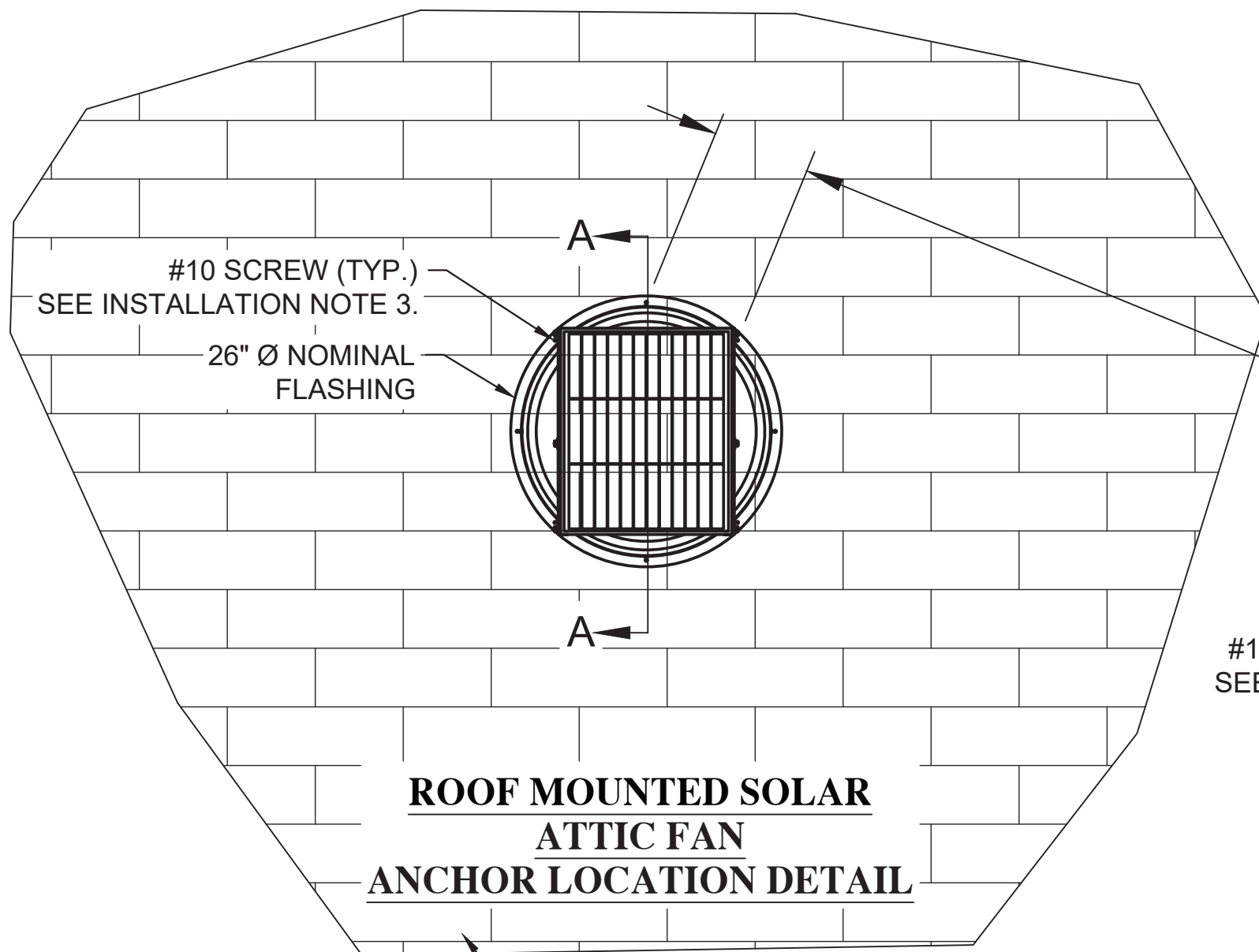
SEE SHEETS 2 AND 3 FOR ADDITIONAL ANCHOR
INSTALLATION REQUIREMENTS. ANCHOR QUANTITY IS
MINIMUM EIGHT(8) AS SHOWN ABOVE. ADDITIONAL
ANCHORS MAY BE REQUIRED BASED ON SITE DESIGN
PRESSURE AND SUBSTRATE MATERIALS.

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN				
NO.	REVISION DESCRIPTION	BY	DATE	
A	REVISE MODEL/SERIES NAME	RJA	1/5/26	
B	UPDATED TESTING FOR ADD NEW MODELS	RJA	6/3/26	

DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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ROBERT J. AMORUSO, P.E. #49752
AMORUSO CONSULTING ENG., LLC
FBPE REGISTRATION NO. 38327
226 N NOVA RD, NO. 142
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AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) SERIES INSTALLATION DETAILS FOR ASPHALT SHINGLES AND OTHER LOW PROFILE ROOF COVERINGS



**ROOF MOUNTED SOLAR
ATTIC FAN
ANCHOR LOCATION DETAIL**

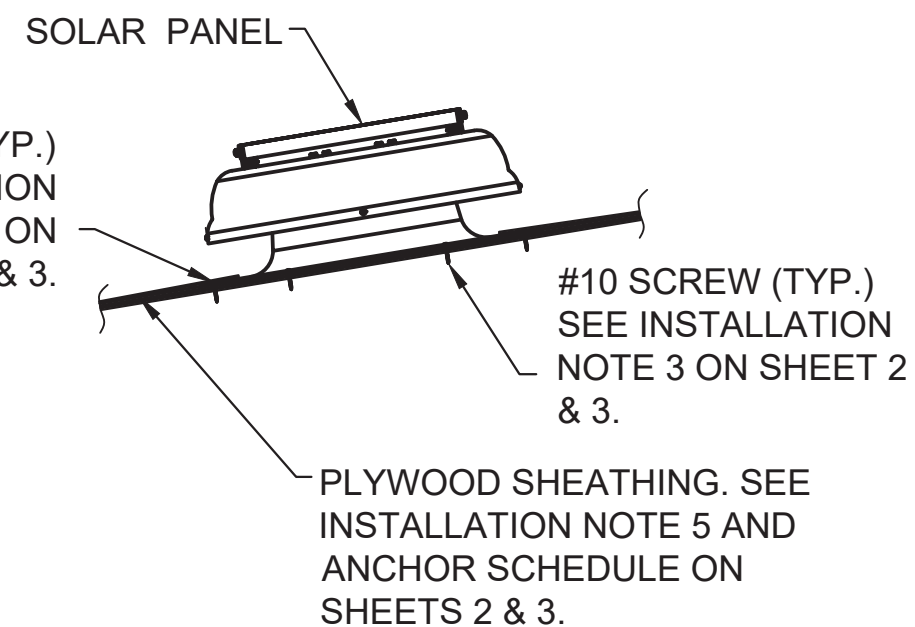
NOTES:

1. SEE SHEETS 2 AND 3 FOR INSTALLATION ANCHOR SCHEDULE AND REQUIRED ANCHOR QUANTITIES.
2. SEE INSTALLATION NOTE 5 ON SHEETS 2 & 3 FOR MATERIAL REQUIREMENTS AND SHEATHING THICKNESS.
 - 2.1. FOR THICKNESS OTHER THAN THAT SHOWN ON SHEETS 2 & 3, USE THE NEXT THINNER THICKNESS.

**THIS SHEET
APPLICABLE TO
LOCATIONS INSIDE AND
OUTSIDE THE HVHZ**

9.673" O.C. TYP.
FOR QTY. = 8 ANCHORS MIN.
(SEE ANCHOR QTY. TABLE)

#10 SCREW (TYP.)
SEE INSTALLATION
NOTE 3 ON
SHEETS 2 & 3.



SECTION A-A

Attic Breeze
P.O. Box 1318, 1370 FM 116
Gatesville, Texas 76528

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN	REVISION DESCRIPTION		BY	DATE
	NO.	REVISION DESCRIPTION	RJA	1/5/26
	A	REVISE MODEL/SERIES NAME	RJA	6/3/26
	B	UPDATED TESTING FOR ADD NEW MODELS		

DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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PROJECT#: ACE-2026-101

DWG/REV: ATBR0001, Rev B

SHT: 5 of 14

AEROBREEZE SOLAR ATTIC FAN CURB-MOUNTED (CMA) SERIES INSTALLATION
DETAILS FOR ATTIC FAN TO 2X CURB AND 2X CURB TO ROOFING SUBSTRATE
FOR RAISED TILE, METAL AND OTHER HIGH PROFILE ROOF COVERINGS

INSTALLATION NOTES, CURB CONSTRUCTION AND CURB MOUNTING TO ROOF, HVHZ AND NON-HVHZ LOCATIONS:

1. ONE (1) INSTALLATION ANCHOR (2X CURB TO ROOFING SUBSTRATE) IS REQUIRED AT EACH ANCHOR LOCATION SHOWN. SEE SHEETS 7 AND 8 FOR ADDITIONAL INSTALLATION DETAILS.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED (QUANTITY OF 16 ANCHORS, 4 ANCHORS PER EACH SIDE OF THE 2X CURB) ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AS FOLLOWS:

2.1. 2X WOOD FRAMING

2.1.1. 2X FRAMING SHALL BE INSTALLED TO ALLOW FOR ATTACHMENT OF 2X WOOD CURB IN ACCORDANCE WITH SHEETS 7 & 8 DETAILS.

2.1.2. A MINIMUM OF SIXTEEN (16) ANCHORS SHALL BE USED.

2.2. TOE-NAILS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 12.1.6.3 OF THE AWC NATIONAL DESIGN SPECIFICATIONS (NDS) 2018 & 2024.

2.3. TOE-NAIL EMBEDMENT SHALL BE BASED ON PENETRATION INTO 2X WOOD FRAMING INSTALLED AROUND THE ROOFING CUT-OUT AND DOES NOT INCLUDE THE THICKNESS OF ROOF SHEATHING.
3. 2X WOOD CURB SHALL BE FABRICATED IN ACCORDANCE WITH SHEET 7.
4. ANCHOR TYPE AND SIZE;

4.1. FOR TOE-NAIL INSTALLATION INTO 2X WOOD FRAMING (SHEET 8), USE ONE OF THE FOLLOWING:

4.1.1. 12D COMMON NAIL 0.148" MIN. DIAMETER, 3-1/4" IN LENGTH AND MIN. EMBEDMENT OF 1-1/2" INTO 2X FRAMING SUBSTRATE.

4.1.2. NO. 8 X 3-1/4" WOOD SCREW AND 1-1/2" MIN. EMBEDMENT INTO 2X FRAMING SUBSTRATE.

4.2. IF THE MIN. EMBEDMENT ABOVE CANNOT BE MET, A LONGER LENGTH NAIL OR WOOD SCREW SHALL BE USED. IT IS ACCEPTABLE TO INCREASE THE DIAMETER/SIZE OF THE NAIL/SCREW.

4.3. ANCHOR SPECIFICATIONS

4.3.1. 12D COMMON NAILS SHALL BE 0.148" MIN. DIAMETER AND 3-1/4" MIN. LENGTH CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

4.3.2. WOOD SCREWS WILL BE NO. 8 PAN HEAD WOOD SCREW, MEETING ANSI B18.6.1, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

4.3.3. IN LIEU OF WOOD SCREWS, TAPPING SCREWS SHALL BE NO. 8 TYPE A PAN HEAD, MEETING ASME/ANSI B18.6.4, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

4.3.4. HEX HEAD SCREWS CAN BE USED IN LIEU OF PAN HEAD SCREWS.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE ROOFING FINISHES, INCLUDING BUT NOT LIMITED TO ROOF SHEATHING, SHINGLES, TILES, METAL, UNDERLAYMENTS, ETC.
6. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

6.1. 2 BY WOOD FRAMING (FOR 2X WOOD FRAMING INSTALLATION OPTION)

6.1.1. MINIMUM SPECIFIC GRAVITY OF 0.55 INSIDE HVHZ.
7. ADDITIONAL INSTALLATION INSTRUCTIONS

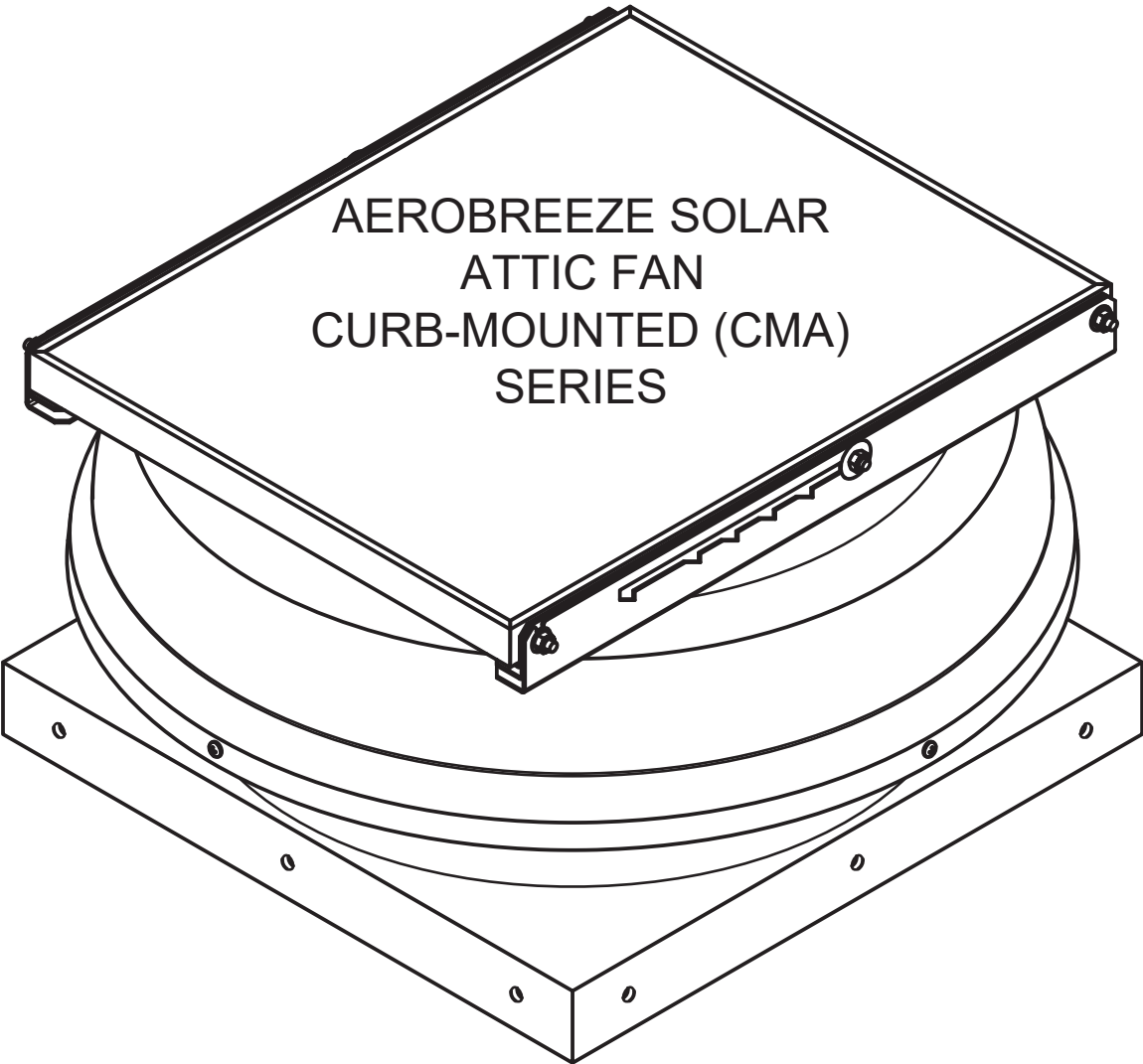
7.1. PRODUCT SHALL NOT BE INSTALLED ON ROOF SHEATHING LESS THAN THE REQUIRED THICKNESS PER THE FLORIDA BUILDING CODE.

7.2. CURB-MOUNTED (CMA) SERIES PRODUCT CAN BE INSTALLED ON ROOFS UTILIZING TILE, METAL, FLAT/STANDING SEAM METAL ROOF COVERINGS OR OTHER HIGH-PROFILE ROOF COVERINGS NOT EXCEEDING 3" IN HEIGHT.

7.3. FOR ADDITIONAL REQUIREMENTS SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE AEROBREEZE SFA AND CMA SERIES SOLAR ATTIC FANS.

7.3.1. CMA SERIES FAN FLASHING, SEALING AND WATER-RESISTANT COVERINGS ARE NOT A PART OF THIS PRODUCT APPROVAL DOCUMENT. SEE INSTALLATION INSTRUCTIONS PROVIDED BY ATTIC BREEZE OF THE APPROPRIATE SERIES AND MODEL SOLAR ATTIC FAN INSTALLATION.

7.4. THE MAXIMUM ALLOWED HEIGHT OF THE WOOD CURB IS 6" NOMINAL.



THIS SHEET
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LOCATIONS INSIDE AND
OUTSIDE THE HVHZ

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AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN				
NO.	REVISION DESCRIPTION	BY	DATE	
A	REVISE MODEL/SERIES NAME	RJA	1/5/26	
B	UPDATED TESTING FOR ADD NEW MODELS	RJA	6/3/26	
DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE	
ROBERT J. AMORUSO, P.E. #49752 AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM				
PROJECT#: ACE-2026-101				
DWG/REV: ATBR0001, Rev B				
SHT:		6 of 14		

THIS SHEET
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LOCATIONS INSIDE AND
OUTSIDE THE HVHZ

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN	REVISION DESCRIPTION		DATE		
	NO.	BY			
	A	RJA	1/5/26		
	B	RJA	6/3/26		

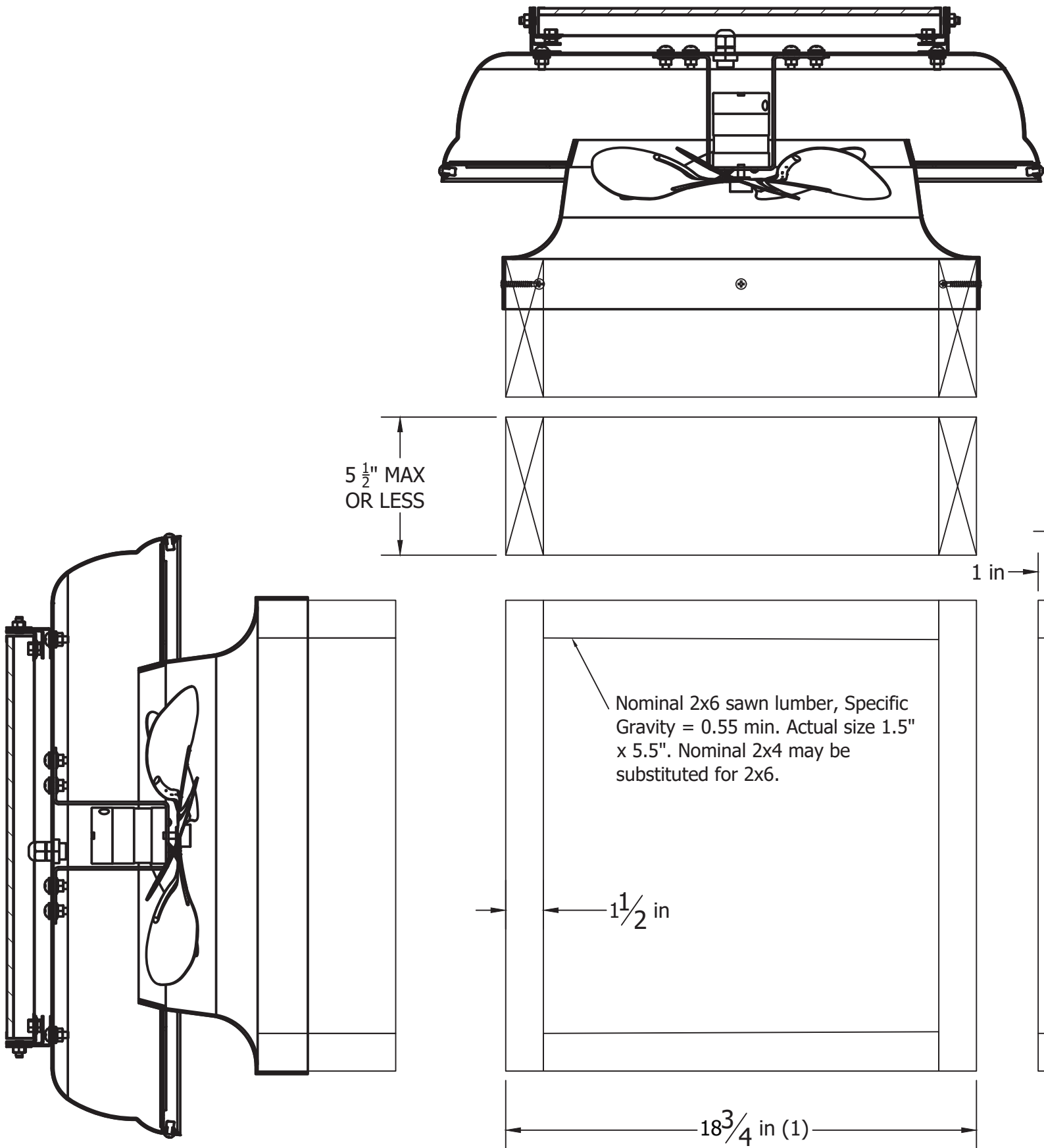
DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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ORMOND BEACH, FL 32174
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PROJECT#: ACE-2026-101

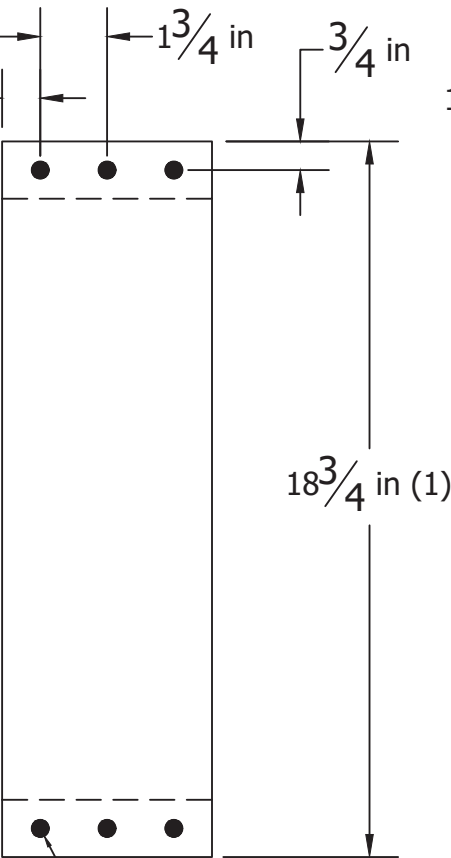
DWG/REV: ATBR0001, Rev B

SHT: 7 of 14



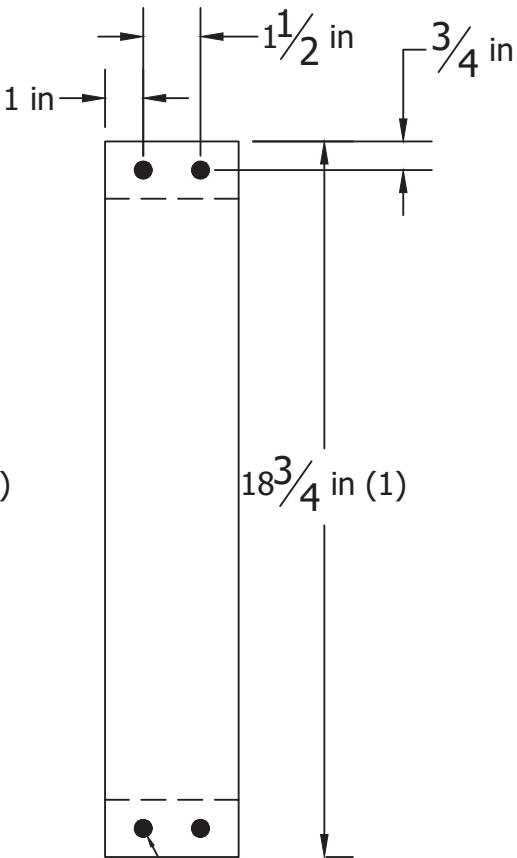
NOTES:
(1) WOOD CURB WIDTH AND/OR HEIGHT MAY BE ADJUSTED TO ALLOW FOR FIT UP WITH ATTIC FAN CURB.

2x6 WOOD CURB
NAILING PATTERN



QTY = 3 Minimum 12d common nail (0.148" diameter) or #8 X 4" wood screw 1" from each corner and 1-3/4" o.c. with minimum 1-3/4" embedment. Minimum edge distance of 0.60" shall be maintained.

2x4 WOOD CURB
NAILING PATTERN



QTY = 2 Minimum 12d common nail (0.148" diameter) or #8 X 4" wood screw 1" from each corner and 1-1/2" o.c. with minimum 1-3/4" embedment. Minimum edge distance of 0.60" shall be maintained.

INSTALLATION NOTES, ATTIC FAN TO CURB MOUNTING:

1. ONE (1) INSTALLATION ANCHOR (SOLAR ATTIC FAN TO 2X CURB) IS REQUIRED AT EACH ANCHOR LOCATION SHOWN. SEE THIS SHEET FOR ADDITIONAL INSTALLATION DETAILS.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED (QUANTITY OF 12 ANCHORS, 3 ANCHORS PER EACH SIDE OF THE 2X CURB) ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AS FOLLOWS.
3. 2X WOOD CURB SHALL BE FABRICATED IN ACCORDANCE WITH SHEET 7.
4. ANCHOR TYPE AND SIZE;

4.1. 3 MINIMUM #10 WOOD SCREW OF TYPE A TAPPING SCREW PER SIDE (12 TOTAL) 1-3/8" FROM EACH CORNER AND 8" O.C. WITH MINIMUM 1-3/8" EMBEDMENT.

4.2. ANCHOR SPECIFICATIONS

4.2.1. WOOD SCREWS WILL BE NO. 10 PAN HEAD WOOD SCREW, MEETING ANSI B18.6.1, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

4.2.2. AS AN ALTERNATIVE, TAPPING SCREWS SHALL BE NO. 10 TYPE A PAN HEAD, MEETING ASME/ANSI B18.6.4, CARBON OR STAINLESS STEEL, CORROSION RESISTANT BY COATING OR MATERIAL.

4.2.3. HEX HEAD SCREWS CAN BE USED IN LIEU OF PAN HEAD SCREWS.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE FINISHES AND THICKNESS OF CONNECTED MEMBER(S).
6. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

6.1. 2 BY WOOD FRAMING (FOR 2X WOOD FRAMING INSTALLATION OPTION)

6.1.1. MINIMUM SPECIFIC GRAVITY OF 0.55 INSIDE HVHZ.
7. ADDITIONAL INSTALLATION INSTRUCTIONS

7.1. PRODUCT SHALL NOT BE INSTALLED ON ROOF SHEATHING LESS THAN THE REQUIRED THICKNESS PER THE FLORIDA BUILDING CODE.

7.2. CURB-MOUNTED (CMA) SERIES PRODUCT CAN BE INSTALLED ON ROOFS UTILIZING TILE, METAL, FLAT/STANDING SEAM METAL ROOF COVERINGS OR OTHER HIGH-PROFILE ROOF COVERINGS NOT EXCEEDING 3" IN HEIGHT.

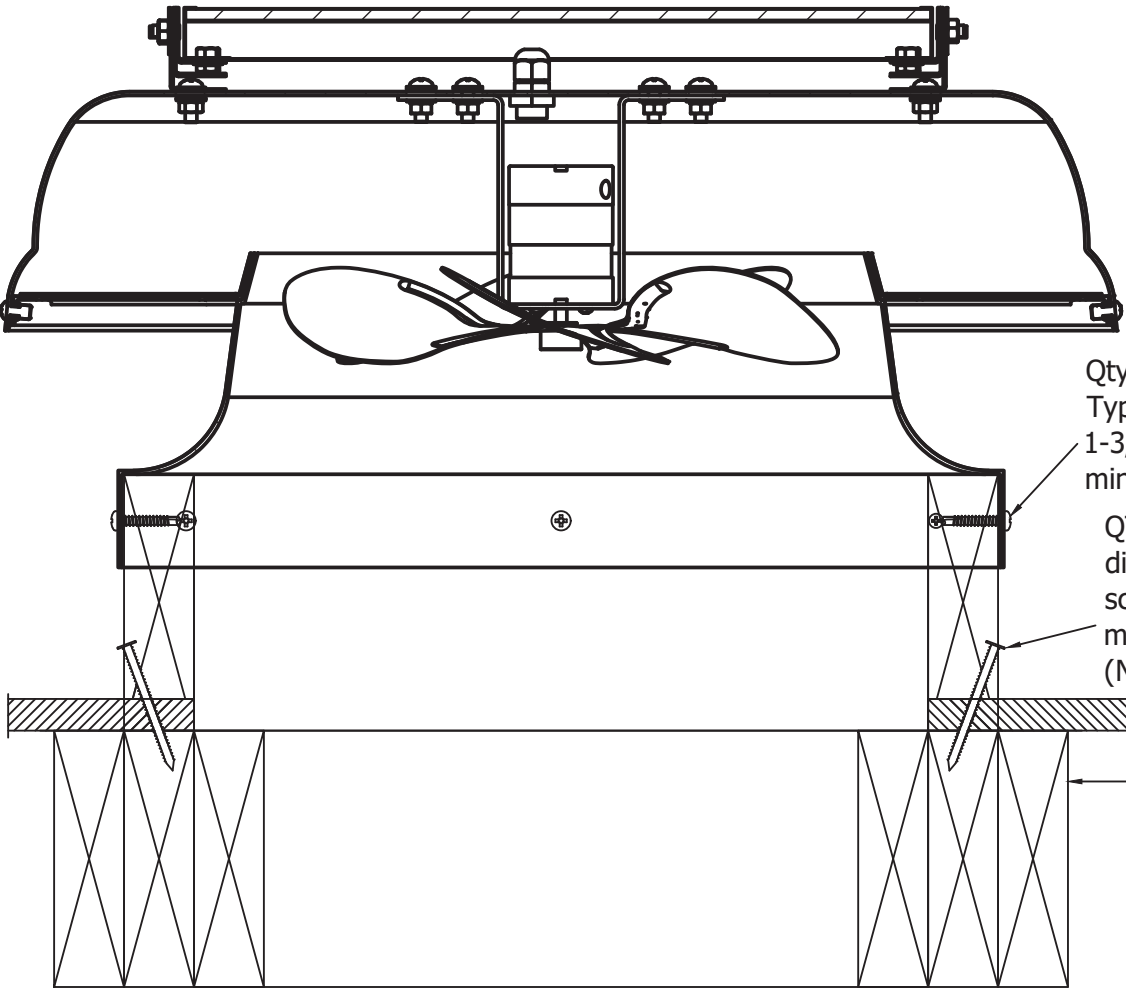
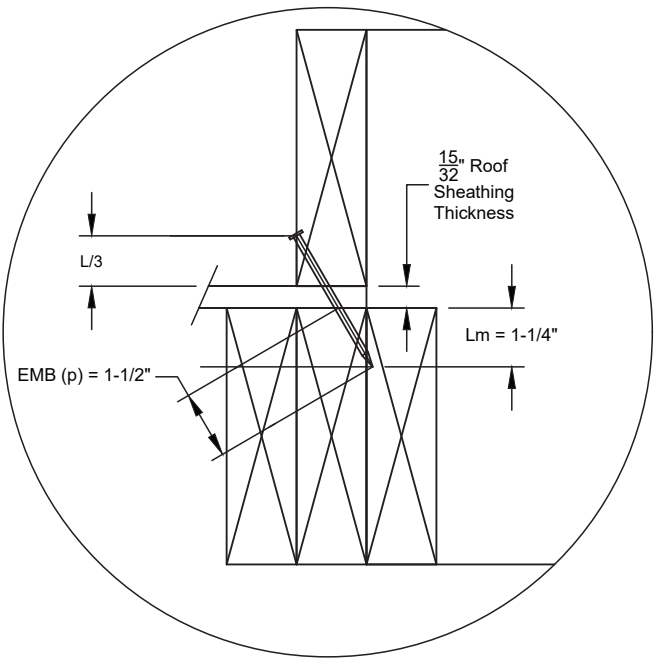
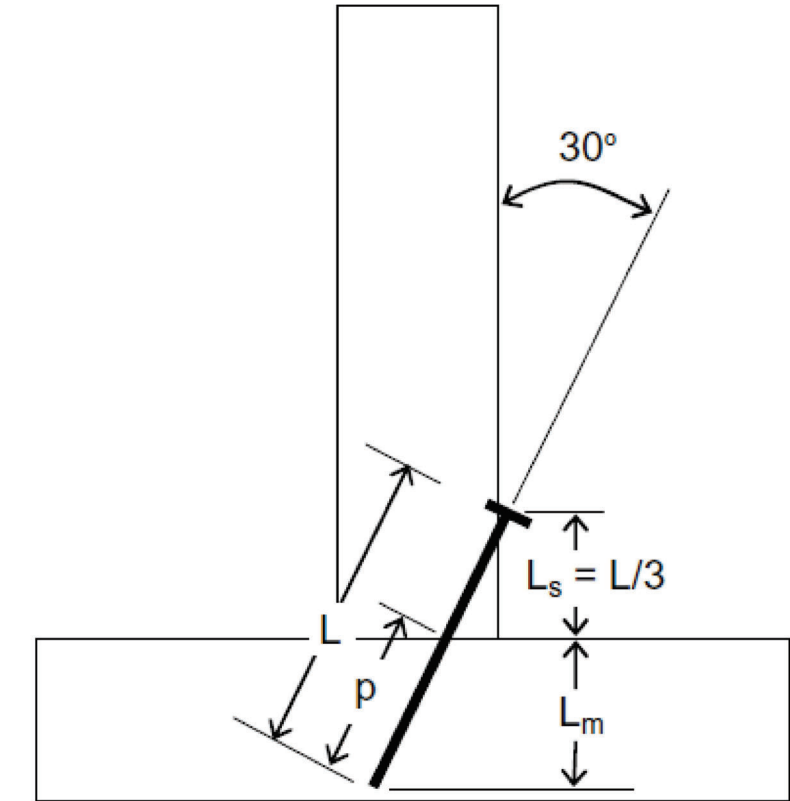
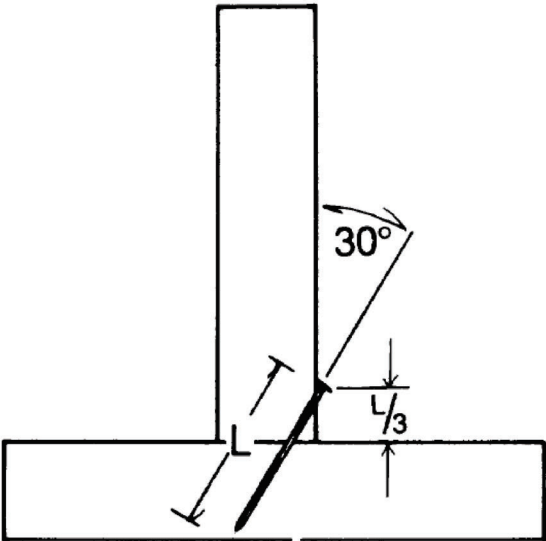
7.3. FOR ADDITIONAL REQUIREMENTS SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE AEROBREEZE SFA AND CMA SERIES SOLAR ATTIC FANS.

7.3.1. CMA SERIES FAN FLASHING, SEALING AND WATER-RESISTANT COVERINGS ARE NOT A PART OF THIS PRODUCT APPROVAL DOCUMENT. SEE INSTALLATION INSTRUCTIONS PROVIDED BY ATTIC BREEZE FOR THE APPROPRIATE SERIES AND MODEL SOLAR ATTIC FAN INSTALLATION.

AWC National Design
Specification (NDS) 2018/2024

12.1.6.3 Toe-nails shall be driven at an angle of approximately 30° with the member and started approximately 1/3 the length of the nail from the member end (see Figure 12A).

Figure 12A Toe-Nail Connection



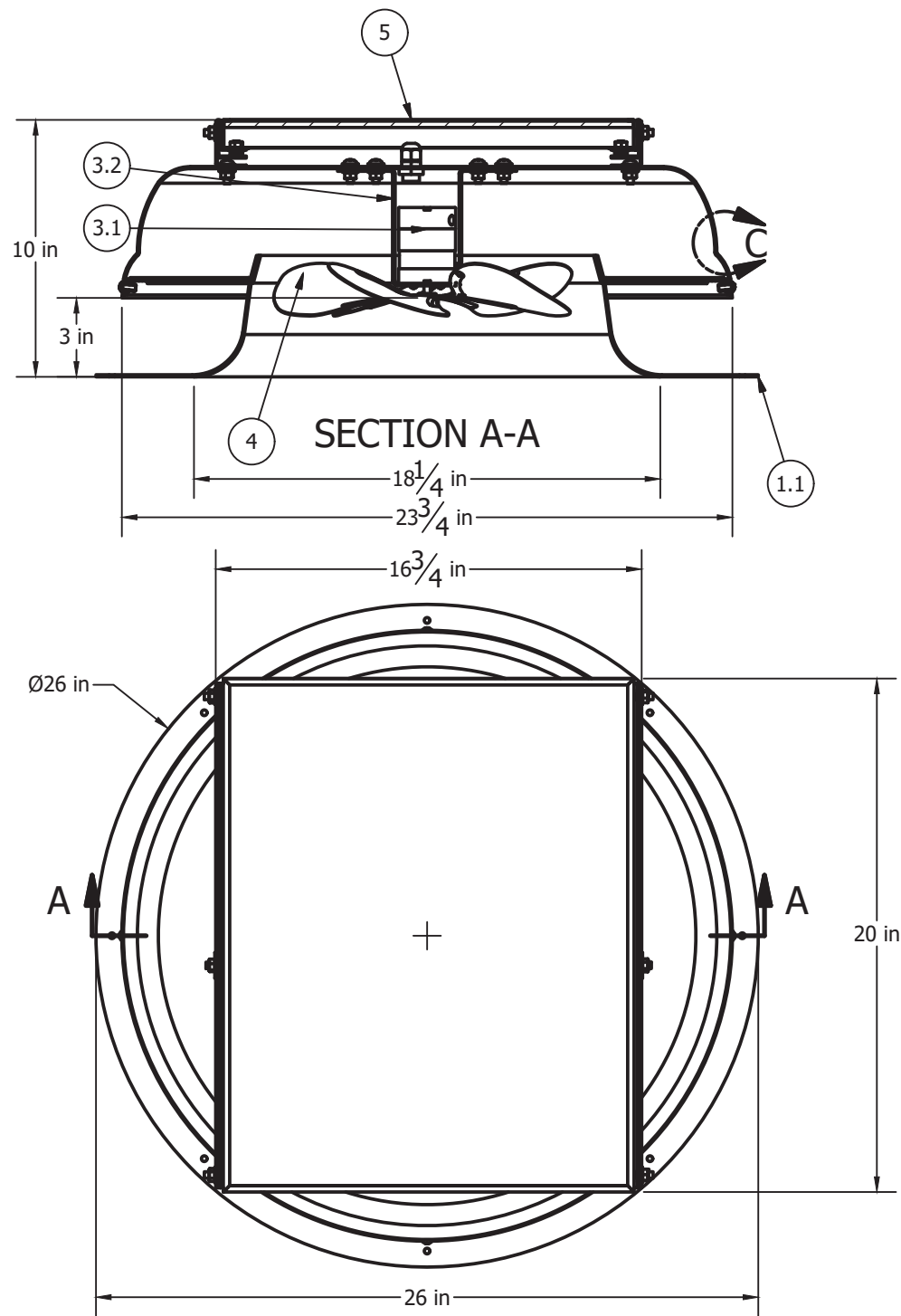
Qty = 3 Minimum #10 Wood Screw or Type A Tapping Screw per side (12 total) 1-3/8" from each corner and 8" o.c. with minimum 1-3/8" embedment.

QTY = 4 Minimum 12d common nail (0.148" diameter, 3-1/4" length) or #8 X 3 1/4" wood screw. 3" from each corner and 4-1/4" o.c. with minimum 1-1/2" embedment. See Figure 12A (NDS-2018 & 2024) below.

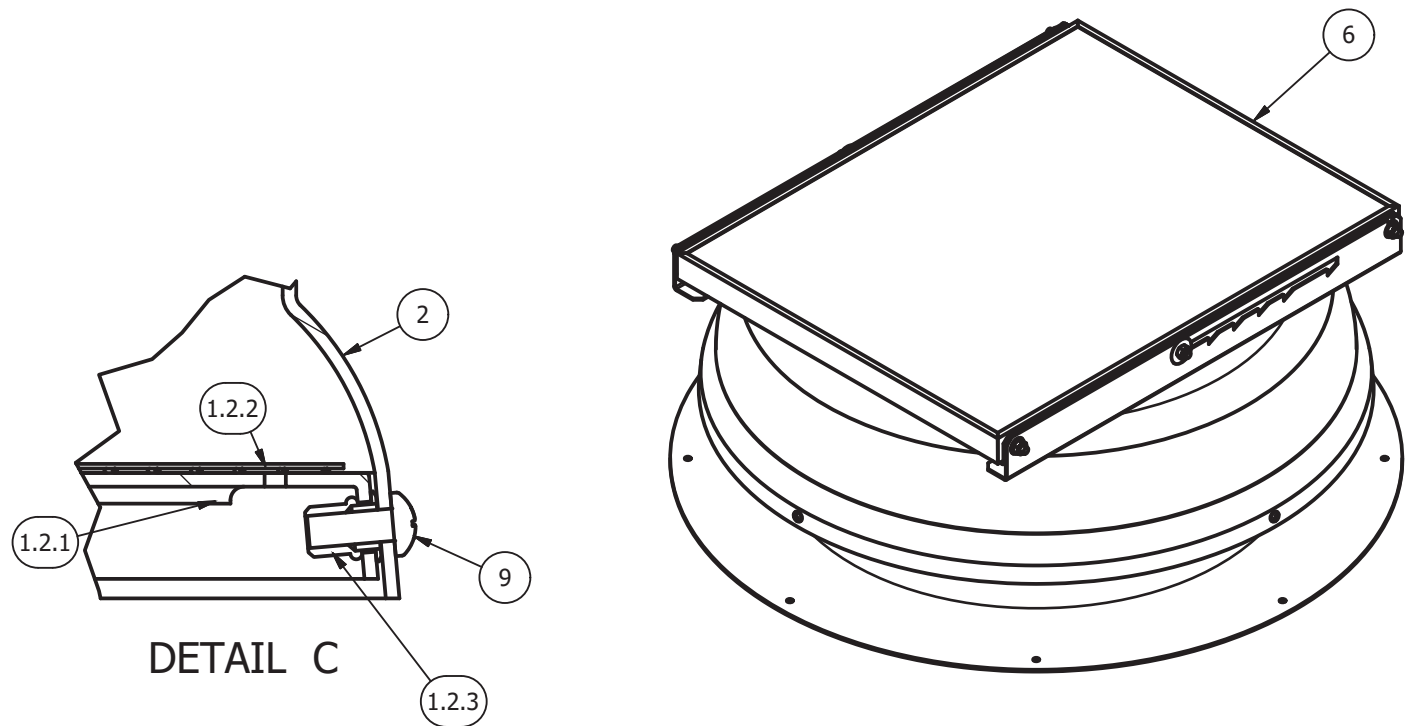
Roof deck, blocking and/or framing by others. All roof details shall comply with the Florida Building Code.

THIS SHEET
APPLICABLE TO
LOCATIONS INSIDE AND
OUTSIDE THE HVHZ

Attic Breeze
P.O. Box 1318, 1370 FM 116
Gatesville, Texas 76528



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Base_CV_SF	AeroBreeze SF Base
1.2	1	RingAssy.CV	CV (XLP) hood support ring, with net and rivet nuts
1.2.1	1	Ring.CV	CV (XLP) hood support ring
1.2.2	1	WireMesh.304SS.1/4".Round	WireMesh_304SS_.250in_Round
1.2.3	4	Nut.Rivet.#10-24	Nut_Rivet_#10-24
2	1	Hood_CV	CV (XLP) fan hood - NATURAL, formed on the spinner and punched on the 315T
3	1	MotorAssy_BLDC	Motor Bracket Assembly
3.1	1	Motor.BLDC	Brushless DC Motor
3.2	1	Bracket.Motor.BLDC	XLP motor bracket, Hat Bracket
4	1	FanBlade.CV.STD	12" CV-XLP fan blade, also used on PL
5	1	CableGland.3/8"NPT	3/8" Liquid Tight Cable Gland
6	1	SolarPanelAssy.25W.BLK	AB25W Solar Panel & Bracket Assembly, Black
9	4	Bolt.RndHd.#10-24x.500in.BlackOxide	Cross Recessed Pan Head Machine Screw - Type I



AeroBreeze SFA PRO (25W) P/N: AB-2526A

Attic Breeze
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Gatesville, Texas 76528

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN

NO.	REVISION DESCRIPTION	BY	DATE
A	REVISE MODEL/SERIES NAME	RJA	1/5/26
B	UPDATED TESTING FOR ADD NEW MODELS	RJA	6/3/26

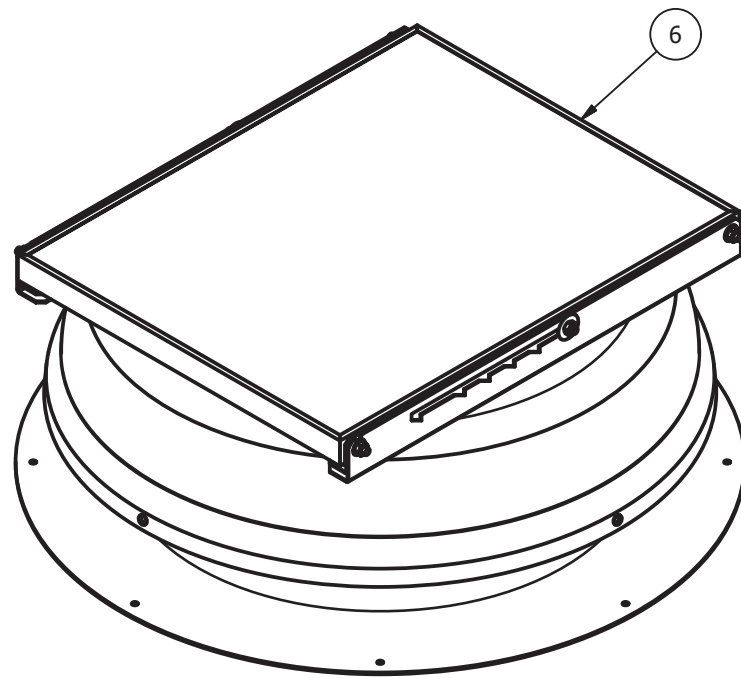
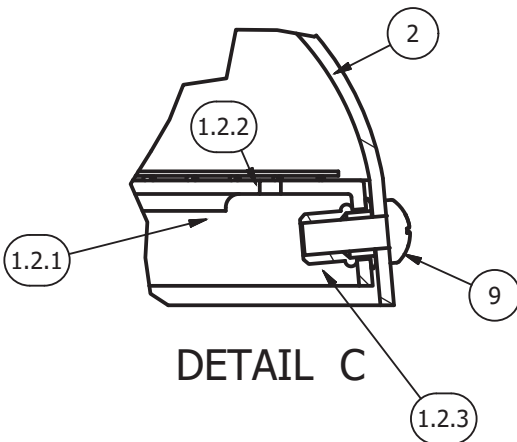
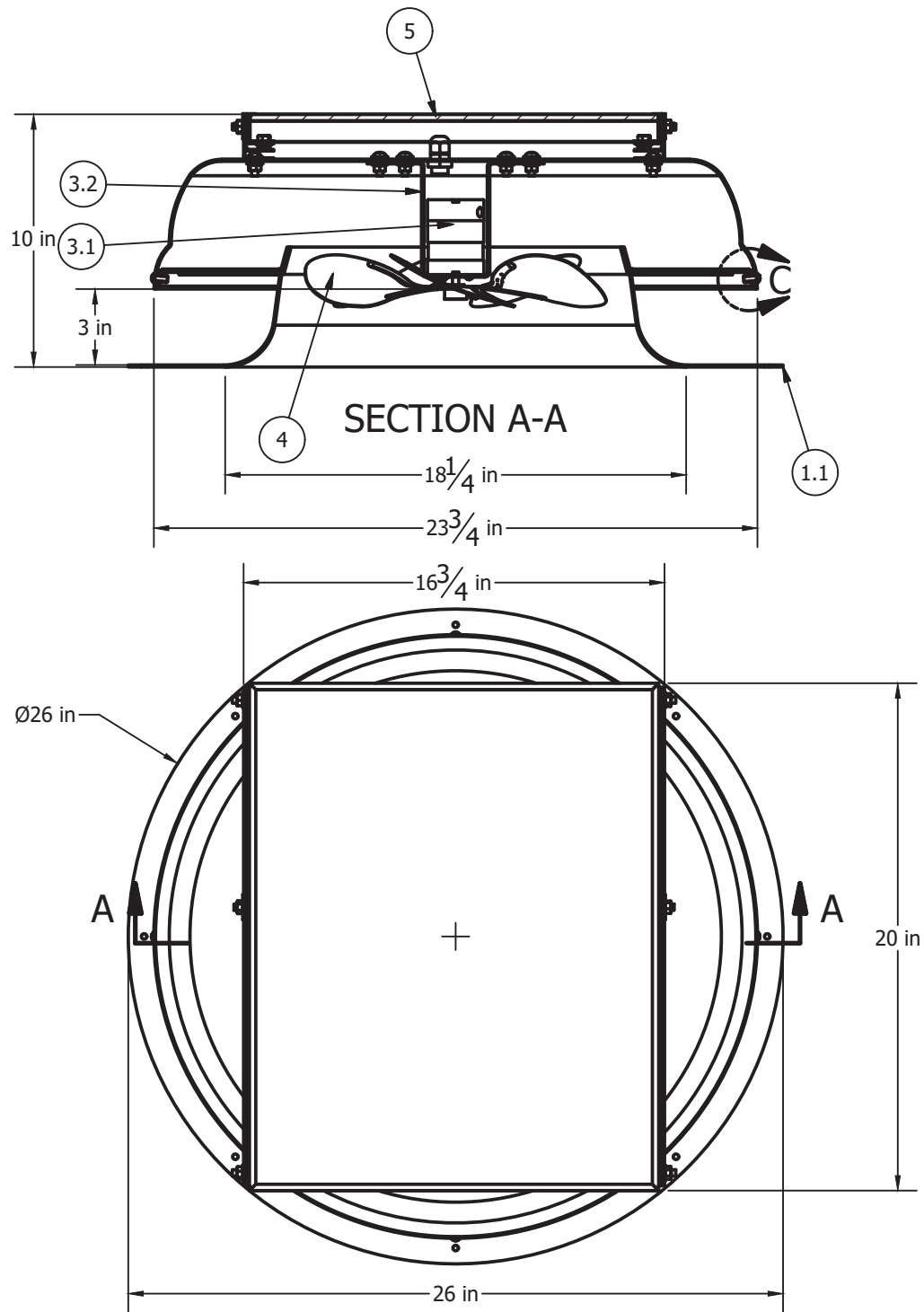
DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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ROBERT J. AMORUSO, P.E. #49752
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PROJECT#: ACE-2026-101

DWG/REV: ATBR0001, Rev B

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AeroBreeze SFA HP (35W) P/N: AB-3526A

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Base_CV_SF	AeroBreeze SF Base
1.2	1	RingAssy.CV	CV (XLP) hood support ring, with net and rivet nuts
1.2.1	1	Ring.CV	CV (XLP) hood support ring
1.2.2	1	WireMesh.304SS.1/4".Round	WireMesh_304SS_.250in_Round
1.2.3	4	Nut.Rivet.#10-24	Nut_Rivet_#10-24
2	1	Hood_CV	CV (XLP) fan hood - NATURAL, formed on the spinner and punched on the 315T
3	1	MotorAssy_BLDC	Motor Bracket Assembly
3.1	1	Motor.BLDC	Brushless DC Motor
3.2	1	Bracket.Motor.BLDC	XLP motor bracket, Hat Bracket
4	1	FanBlade.CV.STD	12" CV-XLP fan blade, also used on PL
5	1	CableGland.3/8"NPT	3/8" Liquid Tight Cable Gland
6	1	SolarPanelAssy.35W.BLK	AB 35W Solar Panel & Bracket Assembly, Black
9	4	Bolt.RndHd.#10-24x.500in.BlackOxide	Cross Recessed Pan Head Machine Screw - Type I

Attic Breeze
P.O. Box 1318, 1370 FM 116
Gatesville, Texas 76528

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN			
NO.	REVISION DESCRIPTION	DATE	
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A	REVISE MODEL/SERIES NAME	RJA	1/5/26
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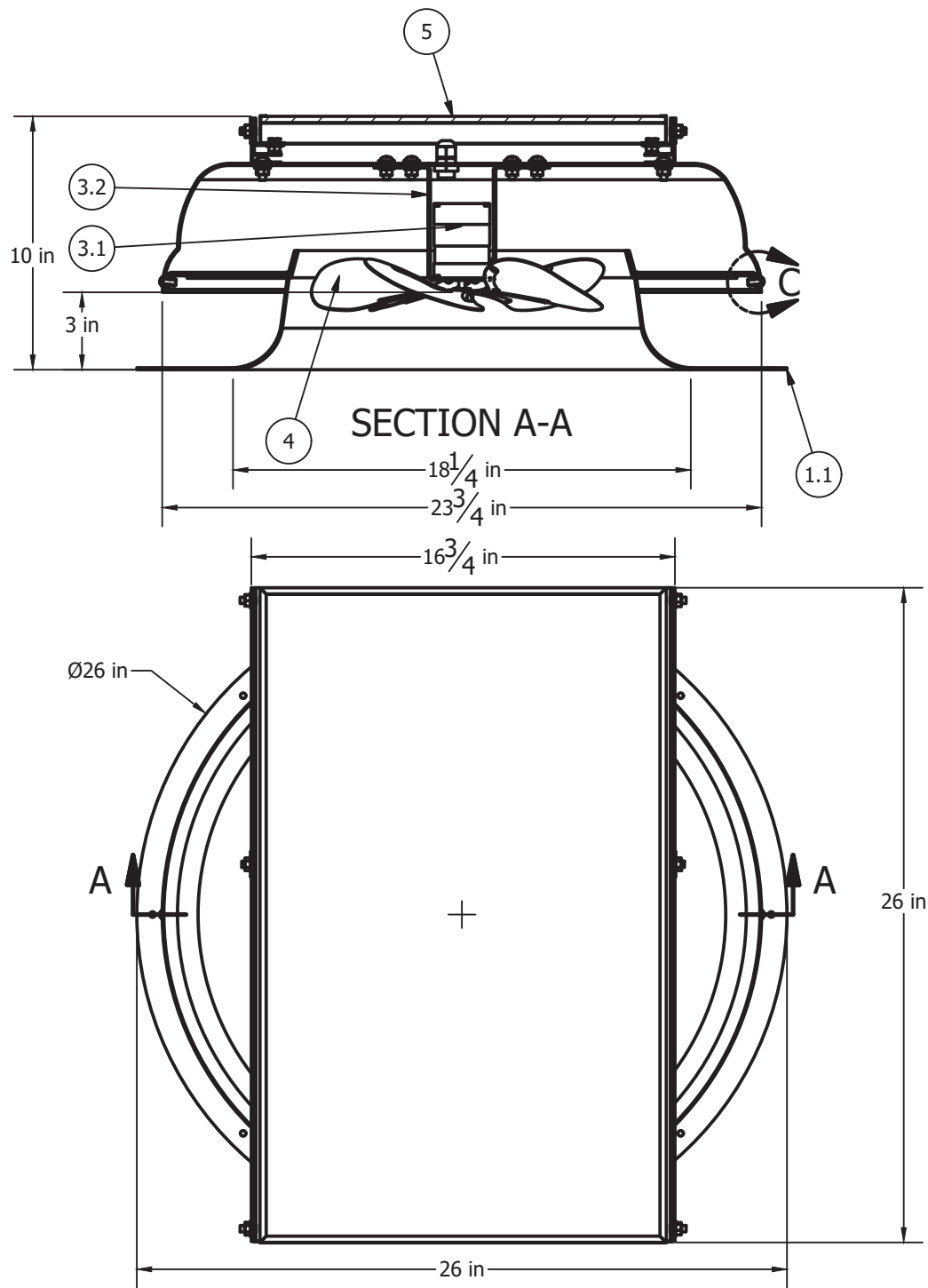
DATE:	3/5/26
DWN BY:	RJA
CHK BY:	n/a
SCALE:	NONE

ROBERT J. AMORUSO, P.E. #49752
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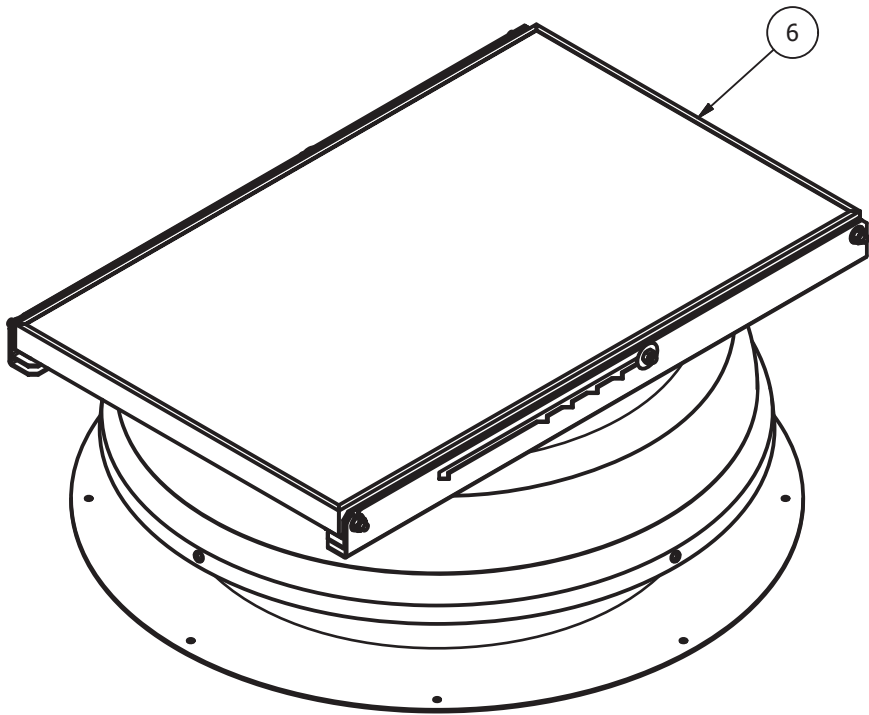
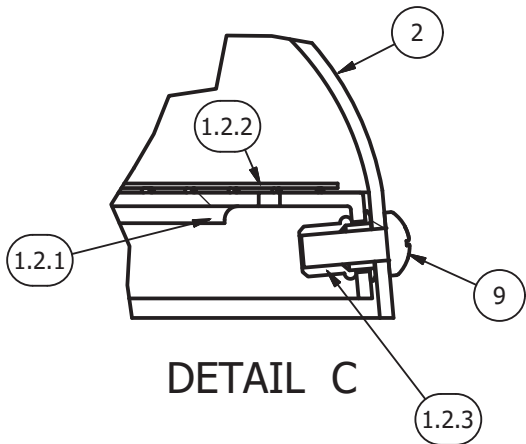
PROJECT#: ACE-2026-101

DWG/REV: ATBR0001, Rev B

SHT: 10 of 14



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Base_CV_SF	AeroBreeze SF Base
1.2	1	RingAssy.CV	CV (XLP) hood support ring, with net and rivet nuts
1.2.1	1	Ring.CV	CV (XLP) hood support ring
1.2.2	1	WireMesh.304SS.1/4".Round	WireMesh_304SS_.250in_Round
1.2.3	4	Nut.Rivet.#10-24	Nut_Rivet_#10-24
2	1	Hood_CV	CV (XLP) fan hood - NATURAL, formed on the spinner and punched on the 315T
3	1	MotorAssy_BLDC	Motor Bracket Assembly
3.1	1	Motor.BLDC	Brushless DC Motor
3.2	1	Bracket.Motor.BLDC	XLP motor bracket, Hat Bracket
4	1	FanBlade.CV.STD	12" CV-XLP fan blade, also used on PL
5	1	CableGland.3/8"NPT	3/8" Liquid Tight Cable Gland
6	1	SolarPanelAssy.45W.BLK	AB 45W Solar Panel & Bracket Assembly, Black
9	4	Bolt.RndHd.#10-24x.500in.BlackOxide	Cross Recessed Pan Head Machine Screw - Type I



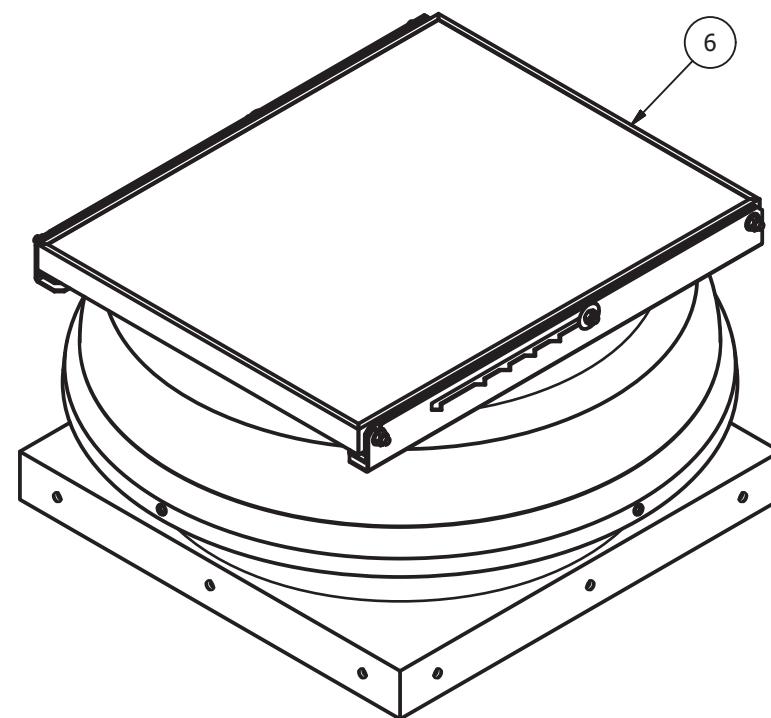
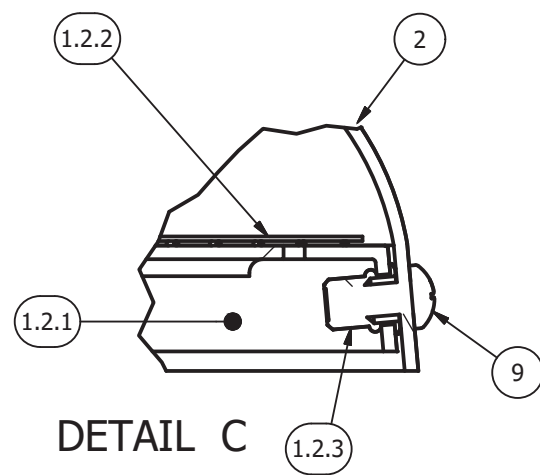
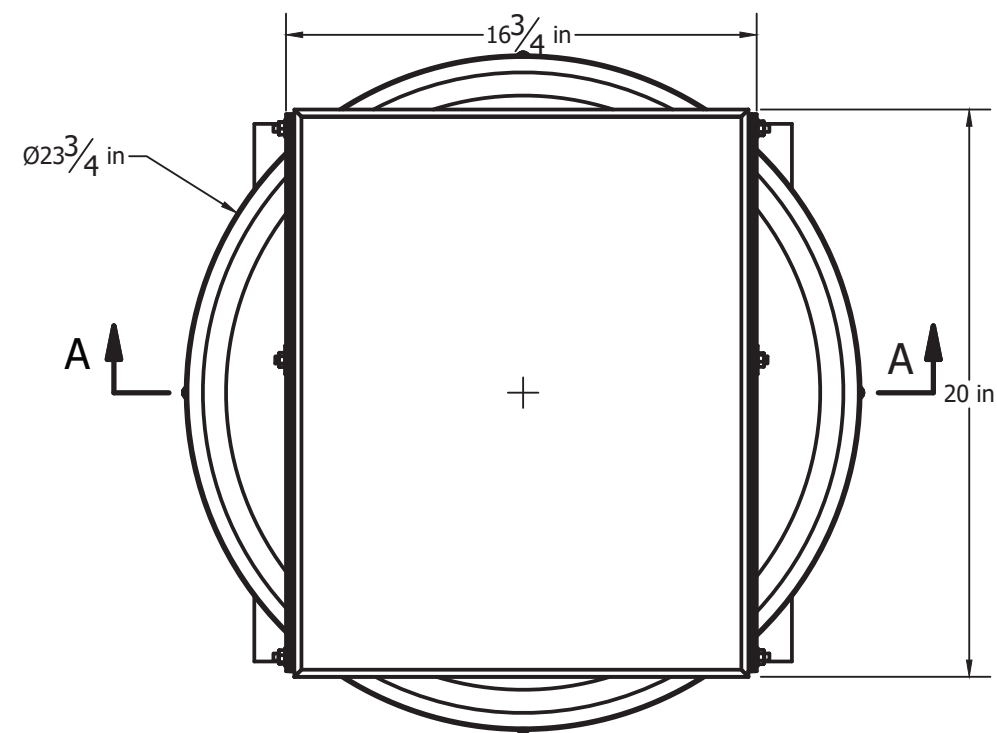
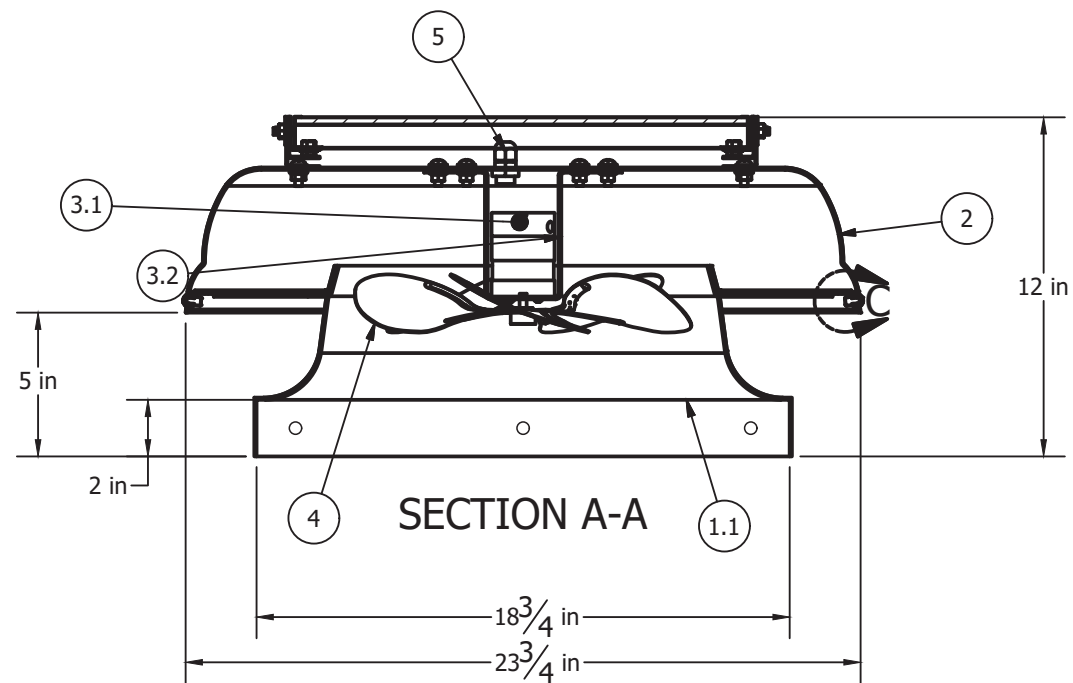
AeroBreeze SFA MAX (45W) P/N: AB-4526A

Attic Breeze
P.O. Box 1318, 1370 FM 116
Gatesville, Texas 76528

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN			
NO.	REVISION DESCRIPTION	BY	DATE
A	REVISE MODEL/SERIES NAME	RJA	1/5/26
B	UPDATED TESTING FOR ADD NEW MODELS	RJA	6/3/26

DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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AMORUSO CONSULTING ENG., LLC
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226 N NOVA RD, NO. 142
ORMOND BEACH, FL 32174
RJAENGPE@GMAIL.COM



AeroBreeze CMA PRO (25W) P/N: AB-2546A

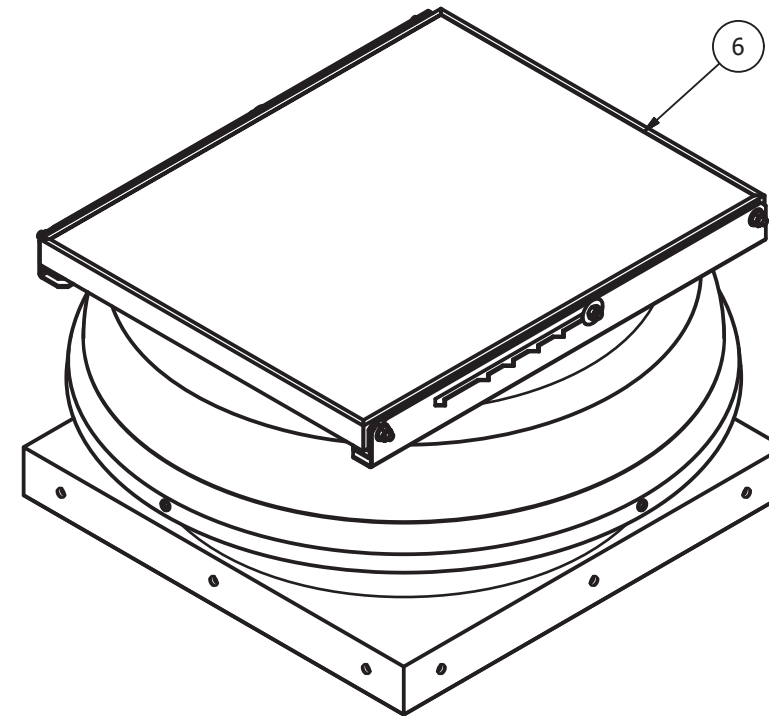
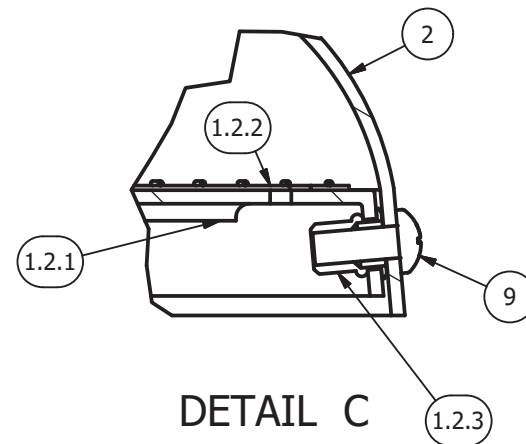
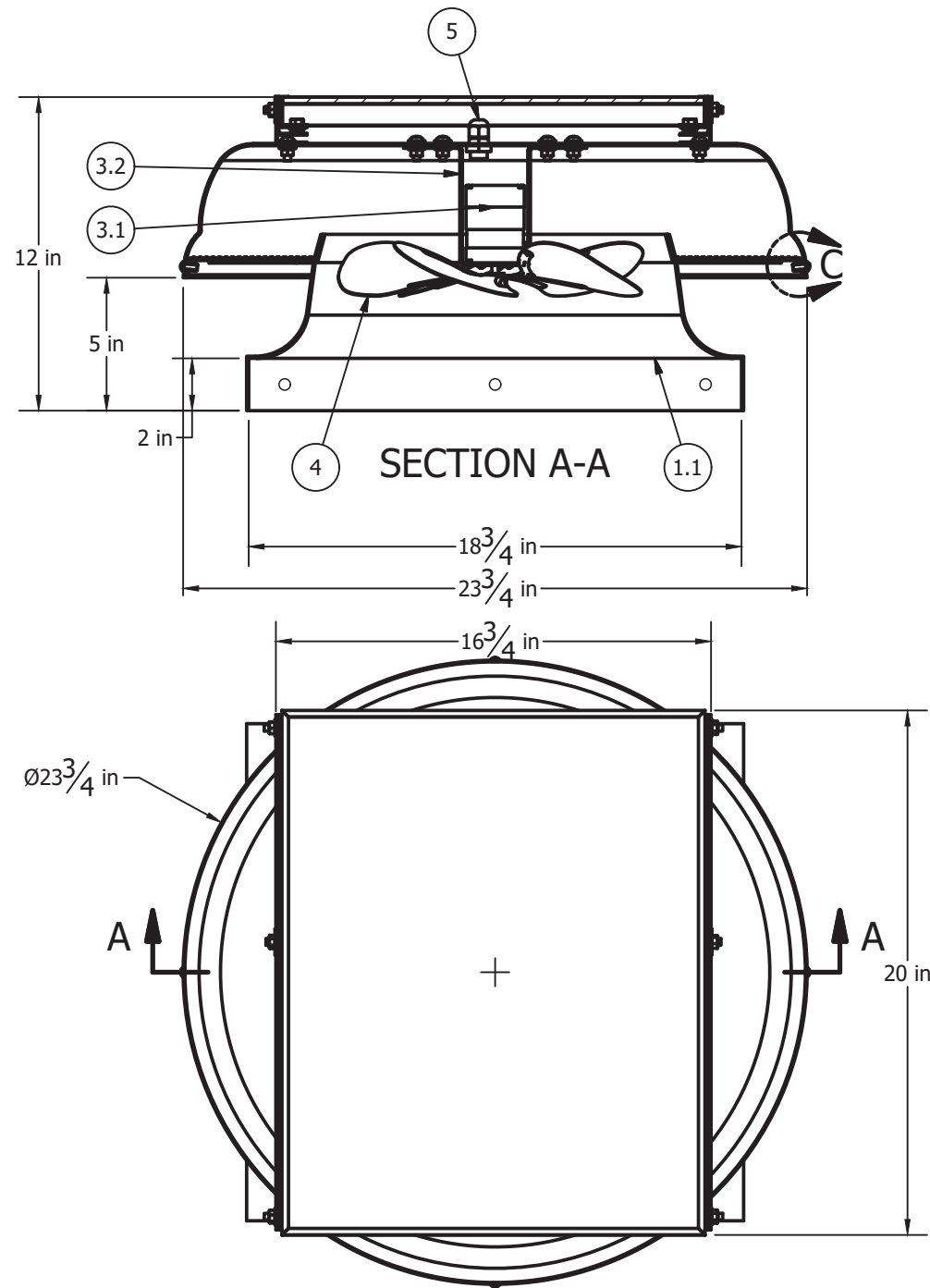
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Base_CV_CM	AeroBreeze CM Base
1.2	1	RingAssy.CV	CV (XLP) hood support ring, with net and rivet nuts
1.2.1	1	Ring.CV	CV (XLP) hood support ring
1.2.2	1	WireMesh.304SS.1/4".Round	WireMesh_304SS_.250in_Round
1.2.3	4	Nut.Rivet.#10-24	Nut_Rivet_#10-24
2	1	Hood_CV	CV (XLP) fan hood - NATURAL, formed on the spinner and punched on the 315T
3	1	MotorAssy_BLDC	Motor Bracket Assembly
3.1	1	Motor.BLDC	Brushless DC Motor
3.2	1	Bracket.Motor.BLDC	XLP motor bracket, Hat Bracket
3.3	4	Screw.Machine.#6-32x.250	#6-32 x 1/4" Phil Pan Head M/S 18-8SS, Motor Bracket Screws
4	1	FanBlade.CV.STD	12" CV-XLP fan blade, also used on PL
5	1	CableGland.3/8"NPT	3/8" Liquid Tight Cable Gland
6	1	SolarPanelAssy.25W.BLK	SolarPanelAssy_25W_BLK
9	4	Bolt.RndHd.#10-24x.500in.BlackOxide	Cross Recessed Pan Head Machine Screw - Type I

Attic Breeze
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AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN			
NO.	REVISION DESCRIPTION	BY	DATE
A	REVISE MODEL/SERIES NAME	RJA	1/5/26
B	UPDATED TESTING FOR ADD NEW MODELS	RJA	6/3/26

DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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RJAENGPE@GMAIL.COM



AeroBreeze CMA HP (35W) P/N: AB-3546A

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Base_CV_CM	AeroBreeze CM Base
1.2	1	RingAssy.CV	CV (XLP) hood support ring, with net and rivet nuts
1.2.1	1	Ring.CV	CV (XLP) hood support ring
1.2.2	1	WireMesh.304SS.1/4".Round	WireMesh_304SS_.250in_Round
1.2.3	4	Nut.Rivet.#10-24	Nut_Rivet_#10-24
2	1	Hood_CV	CV (XLP) fan hood - NATURAL, formed on the spinner and punched on the 315T
3	1	MotorAssy_BLDC	Motor Bracket Assembly
3.1	1	Motor.BLDC	Brushless DC Motor
3.2	1	Bracket.Motor.BLDC	XLP motor bracket, Hat Bracket
4	1	FanBlade.CV.STD	12" CV-XLP fan blade, also used on PL
5	1	CableGland.3/8"NPT	3/8" Liquid Tight Cable Gland
6	1	SolarPanelAssy.35W.BLK	AB 35W Solar Panel & Bracket Assembly, Black
9	4	Bolt.RndHd.#10-24x.500in.BlackOxide	Cross Recessed Pan Head Machine Screw - Type I

Attic Breeze
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AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN

NO.	REVISION DESCRIPTION	DATE	
		BY	
A	REVISE MODEL/SERIES NAME	RJA	1/5/26
B	UPDATED TESTING FOR ADD NEW MODELS	RJA	6/3/26

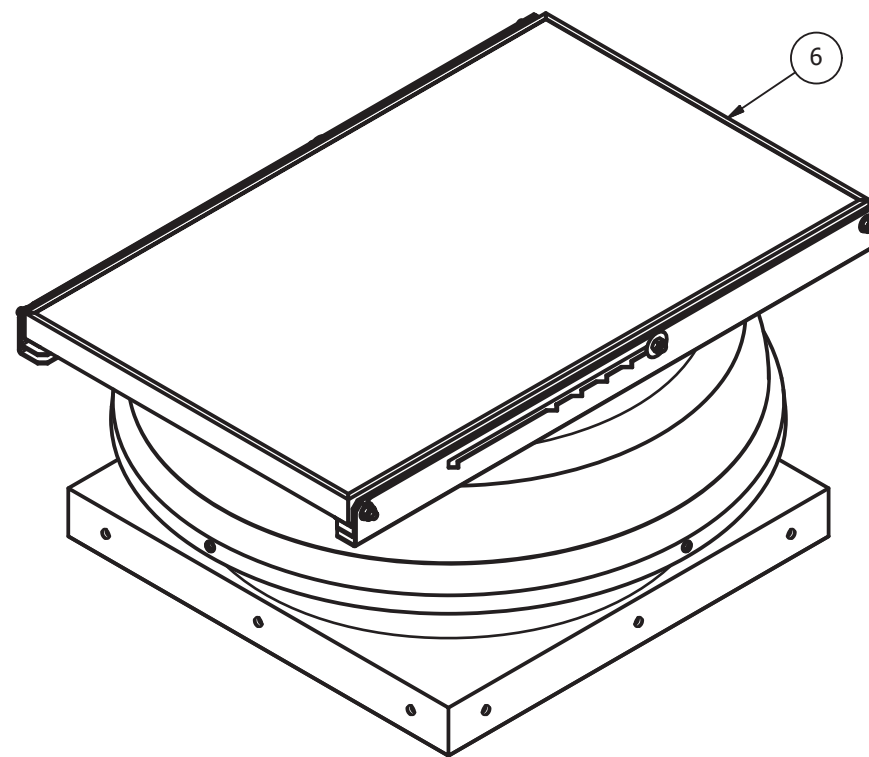
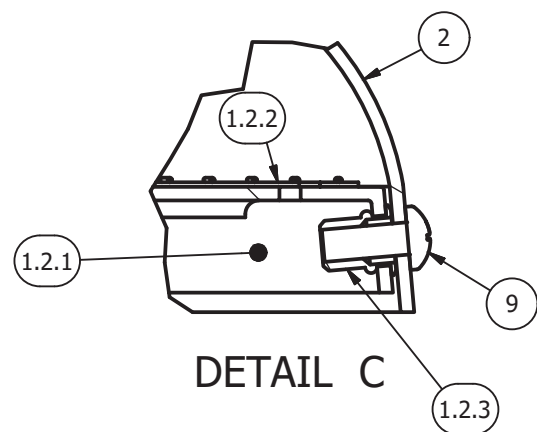
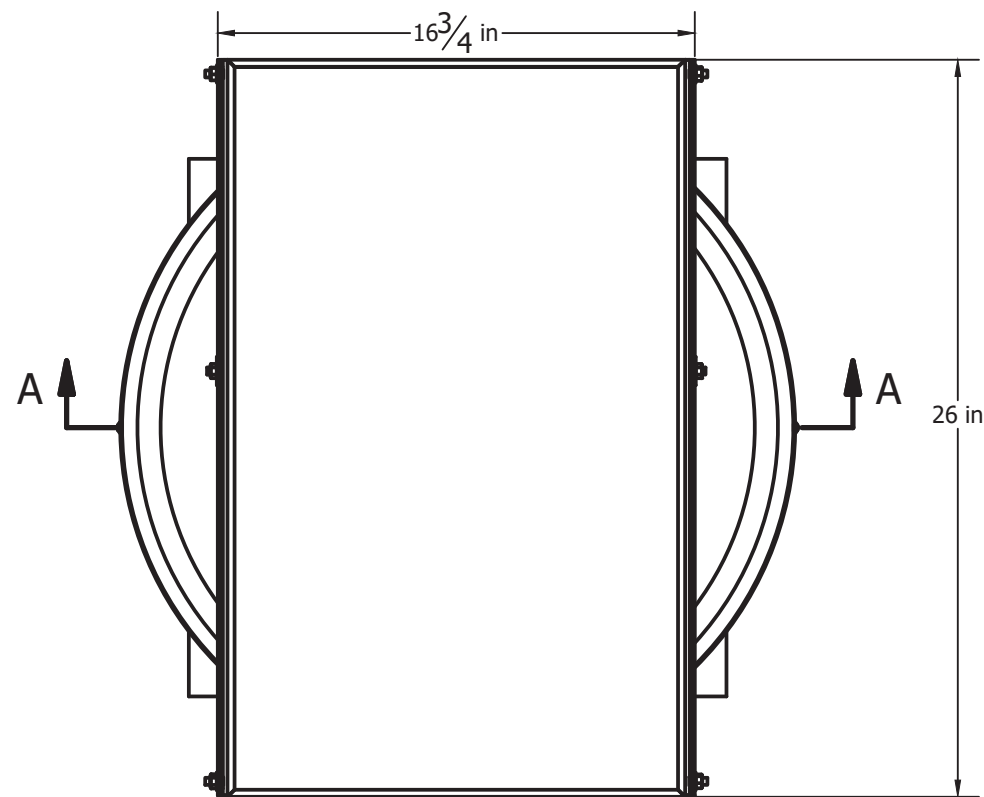
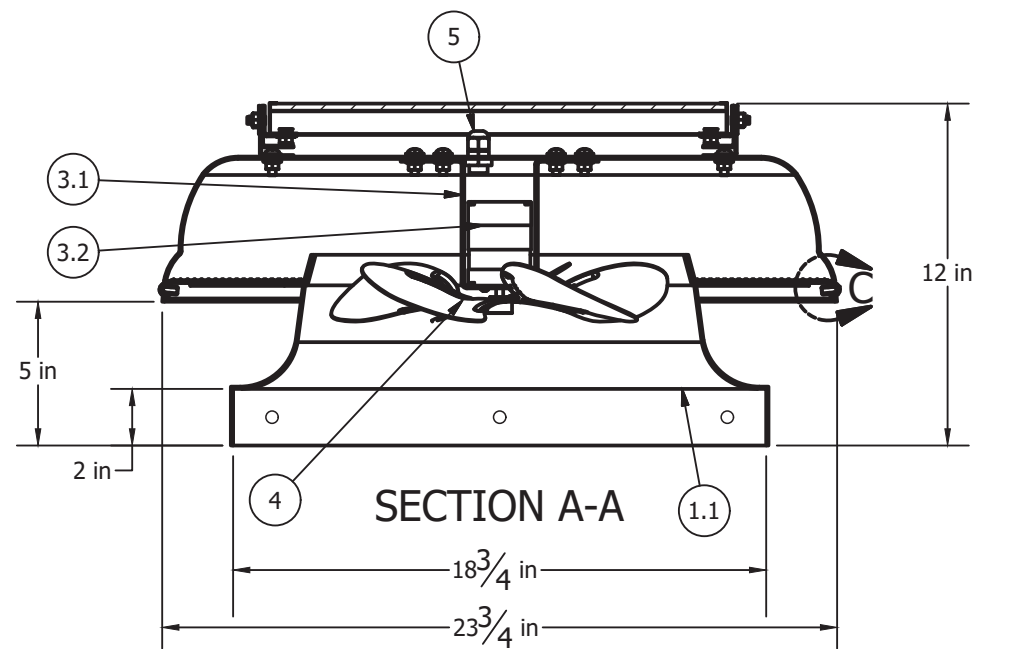
DATE:	3/5/26
DWN BY:	RJA
CHK BY:	n/a
SCALE:	NONE

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RJAENGPE@GMAIL.COM

PROJECT#: ACE-2026-101

DWG/REV: ATBR0001, Rev B

SHT: 13 of 14



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1.1	1	Base_CV_CM	AeroBreeze CM Base
1.2	1	RingAssy.CV	CV (XLP) hood support ring, with net and rivet nuts
1.2.1	1	Ring.CV	CV (XLP) hood support ring
1.2.2	1	WireMesh.304SS.1/4".Round	WireMesh_304SS_.250in_Round
1.2.3	4	Nut.Rivet.#10-24	Nut_Rivet_#10-24
2	1	Hood_CV	CV (XLP) fan hood - NATURAL, formed on the spinner and punched on the 315T
3	1	MotorAssy_BLDC	Motor Bracket Assembly
3.1	1	Bracket.Motor.BLDC	XLP motor bracket, Hat Bracket
3.2	1	Motor.BLDC	Brushless DC Motor
4	1	FanBlade.CV.STD	12" CV-XLP fan blade, also used on PL
5	1	CableGland.3/8"NPT	3/8" Liquid Tight Cable Gland
6	1	SolarPanelAssy.45W.BLK	AB 45W Solar Panel & Bracket Assembly
9	4	Bolt.RndHd.#10-24x.500in.BlackOxide	Cross Recessed Pan Head Machine Screw - Type I

AeroBreeze CMA MAX (45W) P/N: AB-4546A

Attic Breeze
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Gatesville, Texas 76528

AEROBREEZE SOLAR ATTIC FAN SELF-FLASHING (SFA) AND CURB-MOUNTED (CMA) SERIES PRODUCT TEST PLAN			
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DATE: 3/5/26	DWN BY: RJA	CHK BY: n/a	SCALE: NONE
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PROJECT#: ACE-2026-101

DWG/REV: ATBR0001, Rev B

SHT: 14 of 14