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

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

NOTICE OF ACCEPTANCE (NOA)

Attic Breeze LLC
1370 FM 116
Gatesville, TX 76528

SCOPE:

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

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

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

DESCRIPTION: Rooftop Steel Fans with Attached Solar Panels

APPROVAL DOCUMENT: Drawing No. **24-74171**, titled "Rooftop Fans with attached Solar Panels", sheets 1 through 6 of 6, dated 10/14/2025, prepared by Engineering Express, signed and sealed by Richard Neet, 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 Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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.**

MIAMI-DADE COUNTY APPROVED

10/31/25

NOA No. 25-0625.11
Expiration Date: November 13, 2030
Approval Date: November 13, 2025

Attic Breeze LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No**. 24-74171**, titled "Rooftop Fans with attached Solar Panels", sheets 1 through 6 of 6, dated 10/14/2025, prepared by Engineering Express, signed and sealed by Richard Neet, P.E.

B. TESTS

No.	Test Report No.	Test Standard	Date	Signature
1.	MED-2128a	TAS 202-94	10/23/24	Idalmis Ortega, P.E.
2.	MED-2128b	TAS 202-94	10/23/24	Idalmis Ortega, P.E.
3.	MED-2128c	TAS 202-94	10/23/24	Idalmis Ortega, P.E.
4.	MED-2128d	TAS 202-94	10/23/24	Idalmis Ortega, P.E.
5.	MED-2128e-RT	TAS 100(A)-23	01/09/24	Idalmis Ortega, P.E.
6.	MED-2128f-RT	TAS 100(A)-23	01/09/24	Idalmis Ortega, P.E.
7.	MED-2128g-RT	TAS 100(A)-23	02/11/24	Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Engineering Express, dated 06/23/2025, signed and sealed by Richard Neet, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) FBC, issued by Engineering Express, dated 06/23/2025, signed and sealed by Richard Neet, P.E.

2. Statement letter of no financial interest, issued by Engineering Express, dated 06/23/2025, signed and sealed by Richard Neet, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0625.11
Expiration Date: November 13, 2030
Approval Date: November 13, 2025

ATTIC BREEZE LLC

ROOFTOP FANS WITH ATTACHED SOLAR PANELS
NOT RATED FOR IMPACT RESISTANCE
VALID FOR USE INSIDE THE HVHZ (SEE LIMITATIONS HEREIN)

THIS IS A NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

RICHARD NEET, P.E.
PE# 86488 CA# 9885

OCTOBER 14, 2025

RICHARD NEET LICENSE No. PE 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER FL

DESIGN NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET THE MAXIMUM ASD DESIGN WIND PRESSURES AS LISTED BELOW. SEE ACCOMPANYING LIMITATIONS AND CONDITIONS:

MAXIMUM-RATED (ASD) DESIGN WIND PRESSURES:

± 125 psf

REQUIRED DESIGN WIND PRESSURES SHALL BE DETERMINED BY A REGISTERED DESIGN PROFESSIONAL IN ACCORDANCE WITH THE GOVERNING CODE(S) AND ALLOWABLE STRESS DESIGN (ASD) METHODOLOGY.

REQUIRED DESIGN WIND PRESSURES SHALL BE LESS THAN OR EQUAL TO THE MAXIMUM PRESSURES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN. PRESSURE VALUES IN THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES UNLESS NOTED OTHERWISE.

2. MAXIMUM-RATED ASD WIND PRESSURES INDICATE THE MAXIMUM PRESSURES THAT ALL UNITS DESCRIBED HEREIN ARE APPROVED FOR. SEE LIMITATIONS HEREIN.

3. SITE-SPECIFIC WIND ANALYSIS MAY PRODUCE ALTERNATE LIMITATIONS PROVIDED THAT THE MAXIMUM-RATED WIND PRESSURES STATED HEREIN ARE NOT EXCEEDED.

4. FOR ALL INSTALLATIONS: ROOF UNDERLAYMENT IS BY OTHERS, ROOF COVERING IS BY OTHERS, AND SOFFIT VENTILATION IS BY OTHERS.

5. ROOF SLOPE SHALL COMPLY WITH THE REQUIREMENTS OF THE FBC BUILDING 8TH EDITION (2023) CHAPTER 15.

6. **SOLAR PANELS SHALL BE IN THE FULLY RETRACTED AND SECURED POSITION PRIOR TO ANY NAMED STORM OR SIMILAR HIGH-WIND EVENT.**

7. FOR INSTALLATIONS IN THE HVHZ (BROWARD AND MIAMI-DADE COUNTIES):

7.1. THIS SYSTEM HAS BEEN TESTED AND PASSED FOR WIND-DRIVEN RAIN RESISTANCE PER TAS-100(A). THE SYSTEM IS PERMITTED TO BE USED AS A RIDGE VENT PER THE FBC BUILDING 8TH EDITION (2023) SECTION 1523.6.5.2.13. **WHERE USED AS A RIDGE VENT (VENTILATOR LOCATED WITHIN 18" OF THE RIDGE OF THE ROOF), THE FAN INSTALLATION HEIGHT FROM GRADE SHALL NOT EXCEED 33 ft.**

7.2. ROOF UNDERLAYMENT BY OTHERS, ROOF COVERING BY OTHERS, SOFFIT VENTILATION BY OTHERS, AND ATTIC BREEZE FANS SHOWN HEREIN SHALL COMPLY WITH ALL REQUIREMENTS OF THE FBC BUILDING 8TH EDITION (2023) SECTIONS 1518 AND 1519 AS ARE APPLICABLE.

TERMINOLOGY:

THE FOLLOWING ABBREVIATIONS MAY APPEAR IN THIS APPROVAL:

"ADDTL" FOR "ADDITIONAL", "AHJ" FOR "AUTHORITY HAVING JURISDICTION", "ALUM" FOR "ALUMINUM, "ASD" FOR "ALLOWABLE STRESS DESIGN", "BO" FOR "BUILD-OUT", "CS" FOR "CARBON STEEL", "DIMS" FOR "DIMENSIONS", "EA." FOR "EACH", "E.D."/"EDGE"/"EDGE DIST." FOR "EDGE DISTANCE", "ELEV" FOR "ELEVATION", "EMBED" FOR "EMBEDMENT", "EQ"/"EQUIV." FOR "EQUIVALENT", "EXT" FOR "EXTERIOR", "FBC" FOR "FLORIDA BUILDING CODE", "ft" OR " ' " FOR "FEET", "G" FOR "SPECIFIC GRAVITY", "GA" FOR "GAUGE", "GALV" FOR "GALVANIZED", "GFB" FOR "GROUT-FILLED BLOCK", "GR" FOR "GRADE", "H" FOR "HEIGHT", "HOLLOW" FOR "HOLLOW BLOCK", "HORIZ" FOR "HORIZONTAL", "HVHZ" FOR "HIGH-VELOCITY HURRICANE ZONE", "in" OR " " " FOR "INCHES", "INT" FOR "INTERIOR", "KSI" FOR "1,000 lb / in^2", "L" FOR "LENGTH", "LB" FOR "POUND", "MAX" FOR "MAXIMUM, "MIN" FOR "MINIMUM", "N.T.S." FOR "NOT TO SCALE", "O.C." FOR "ON-CENTER", "P.E." FOR "PROFESSIONAL ENGINEER", "PERP" FOR "PERPENDICULAR", "PSF" FOR "POUNDS PER SQUARE FOOT (lb/ft^2)", "PSI" FOR "POUNDS PER SQUARE INCH (lb/in^2)", "QTY" FOR "QUANTITY", "REF." FOR "REFERENCE", "SCHED." FOR "SCHEDULE", "SDS" FOR "SELF-DRILLING SCREWS", "SMS" FOR "SHEET METAL SCREWS", "SPECS" FOR "SPECIFICATIONS", "SS" FOR "STAINLESS STEEL", "SUB" FOR "SUBMITTAL", "TAS" FOR "TESTING APPLICATION STANDARD", "TYP." FOR "TYPICAL", "ULT" FOR "ULTIMATE LOADS", "U.N.O." FOR "UNLESS NOTED OTHERWISE", "UTS" OR "Fu" FOR "ULTIMATE TENSILE STRENGTH/STRESS", "VERT" FOR "VERTICAL", "W" FOR "WIDTH", "WLL" FOR "WORKING LOAD LIMIT", "W/" FOR "WITH", "W/O" FOR "WITHOUT", "YS" FOR "YIELD STRENGTH", "#" FOR "NUMBER", "&" FOR "AND", AND "Ø" FOR "DIAMETER".

VISIT **ECALC.IO/GLOSSARY** OR CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE EIGHTH EDITIION (2023). THIS SYSTEM MAY BE USED WITHIN THE HIGH-VELOCITY HURRICANE ZONE (HVHZ). THIS DESIGN IS NOT INTENDED TO CERTIFY MISSILE IMPACT RESISTANCE OF THE SYSTEM.

2. THIS IS A STRUCTURAL (STATIC WIND & WIND-DRIVEN RAIN RESISTANCE) PERFORMANCE EVALUATION ONLY. NO ELECTRICAL OR TEMPERATURE PERFORMANCE RATINGS OR CERTIFICATIONS ARE OFFERED OR IMPLIED HEREIN. UNDER NO CIRCUMSTANCE DOES THIS PERFORMANCE EVALUATION GUARANTEE, IMPLY, OR STATE PERFORMANCE OF THE UNIT IS MAINTAINED DURING OR AFTER A DESIGN EVENT.

3. DESIGN & CERTIFICATION OF THE SYSTEM FOR STATIC WIND LOADS ARE APPROVED THROUGH TEST REPORT NUMBERS MED-2128a, MED-2128b, MED-2128c, AND MED-2128d, BY QAI LABORATORIES, PER ASTM E330 & TAS 202 TEST STANDARDS. PRESSURE VALUES IN THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES UNLESS NOTED OTHERWISE. DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 2.0 SAFETY FACTOR.

4. DESIGN & CERTIFICATION OF THE SYSTEM FOR WIND-DRIVEN RAIN RESISTANCE ARE APPROVED THROUGH TEST REPORT NUMBER MED-2128e-RT BY QAI LABORATORIES, PER TAS-100(A) TEST STANDARD.

5. FAN SELF-FLASHING (DIRECT MOUNT) BOTTOM PANEL AND ATTIC BREEZE CURB SHALL BE CONSTRUCTED OF 22 GA. (0.027") GALVALUME GALV. STEEL. THE GALVALUME STEEL IS CONSIDERED BY THIS OFFICE TO BE YS = 33 ksi MIN. & UTS = 45 ksi MIN. GALV. STEEL. CONTACT "GALVALUME" MANUFACTURER FOR CONFIRMATION IF NEEDED. CONTACT ATTIC BREEZE FOR FURTHER SYSTEM INFORMATION.

6. UNLESS NOTED OTHERWISE, ALL SHEET METAL SCREWS SPECIFIED HEREIN SHALL BE #10 (0.190") MIN. Ø SHEET METAL SCREWS (16 MIN. THREADS PER INCH), 304 OR 316 STAINLESS STEEL OR CORROSION-RESISTANT COATED SAE GR. 5 CARBON STEEL. PROVIDE (5) PITCHES MINIMUM PAST THE THREAD PLANE FOR ALL SHEET METAL SCREWS.

7. FOR ALL FASTENERS: U.N.O. HEREIN, PROVIDE 3xDIAMETER MIN. SPACING FROM NEIGHBORING FASTENERS AND 1.5xDIAMETER MIN. EDGE DISTANCE TO ANY EDGES OF THE MEMBER(S) IN CONTACT. PROVIDE WASHERS FOR ALL FASTENERS, SIZED TO FIT THE FASTENER INNER DIAMETER, TYP.

8. ALL FASTENERS SHALL HAVE APPROPRIATE CORROSION PROTECTION TO PREVENT ELECTROLYSIS. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.

9. ALL ALUMINUM SHALL BE 6063-T6 OR BETTER, U.N.O.

10. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.

11. ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS.

12. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. PERFORMANCE OF THE HOST STRUCTURE TO SUPPORT THE UNIT ASSEMBLY SHALL BE PER SEPARATE CERTIFICATION OR BY OTHERS.

13. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE-SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.

14. WATER-TIGHTNESS OF EXISTING HOST SUBSTRATE SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR. CONTRACTOR SHALL ENSURE THAT ANY REMOVED OR ALTERED WATERPROOFING MEMBRANE IS RESTORED AFTER FABRICATION AND INSTALLATION OF STRUCTURE PROPOSED HEREIN. THIS ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY WATERPROOFING OR LEAKAGE ISSUES WHICH MAY OCCUR AS WATER-TIGHTNESS SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR.

15. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS PROUCT EVALUATION.

16. PRODUCT COMPONENTS SHALL BE OF THE MATERIAL(S) SPECIFIED IN THE MANUFACTURER-PROVIDED PRODUCT SPECIFICATIONS. ALL SUPPORTING COMPONENTS WHICH ARE PERMANENTLY INSTALLED SHALL BE PROTECTED AGAINST CORROSION, CONTAMINATION, AND OTHER SUCH DAMAGE AT ALL TIMES.

17. UNITS SHALL BE LABELED IN ACCORDANCE WITH MIAMI-DADE REQUIREMENTS.

NOTE REGARDING USE OF THIS DOCUMENT & USE OUTSIDE FLORIDA:

THIS IS A NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. THIS PRODUCT EVALUATION IS VALID FOR USE IN **FLORIDA ONLY**. USE OF THIS EVALUATION REQUIRES A REVIEW & CERTIFICATION BY A LOCAL DESIGN PROFESSIONAL WHO SHALL BE RESPONSIBLE FOR THE PROPER ADAPTATION OF THIS GENERAL PERFORMANCE EVALUATION TO ANY SITE-SPECIFIC PROJECT. CONTACT ENGINEERING EXPRESS FOR ASSISTANCE WITH YOUR PROJECT-SPECIFIC NEEDS & FOR ADAPTATION & CERTIFICATION OF THIS DOCUMENT OUTSIDE OF FLORIDA.

GENERAL NOTES:

18. ENGINEER SEAL AFFIXED HERETO VALIDATE STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.

19. **SURVIVABILITY:** THIS EVALUATION IS VALID FOR A NEWLY INSTALLED UNIT AND DOES NOT INCLUDE CERTIFICATION OF THE PRODUCT BEYOND A DESIGN EVENT OR IF IMPACTED BY ANY DEBRIS. INSPECTIONS SHALL BE IMPLEMENTED ANNUALLY BY THE END USER AND AFTER EVERY NAMED STORM. ALL FASTENERS AND CABINET COMPONENTS ARE TO BE VERIFIED, AND ALL DAMAGED, LOOSE, CORRODED, AND/OR BROKEN FASTENERS AND CABINET COMPONENTS SHALL BE REPLACED TO ENSURE STRUCTURAL INTEGRITY AGAINST HURRICANE WIND FORCES. CONTACT THIS OFFICE FOR ANY REEVALUATION NEEDS OR AS DESIGNATED BY THE AUTHORITY HAVING JURISDICTION.

20. **DURABILITY:** COMPONENTS OR COMPONENT ASSEMBLIES SHALL NOT DETERIORATE, CRACK, FAIL, OR LOSE FUNCTIONALITY DUE TO GALVANIC CORROSION OR WEATHERING. ALL SUPPORTING COMPONENTS WHICH ARE PERMANENTLY INSTALLED SHALL BE PROTECTED AGAINST CORROSION, CONTAMINATION, AND OTHER SUCH DAMAGE AT ALL TIMES. EACH COMPONENT OR COMPONENT ASSEMBLY SHALL BE SUPPORTED AND ORIENTED IN ITS INTENDED INSTALLATION POSITION. ALL EXPOSED PLASTIC COMPONENTS SHALL BE CERTIFIED TO RESIST SUNLIGHT EXPOSURE AS SPECIFIED BY ASTM B117, OR ASTM G155 IN BROWARD OR MIAMI-DADE COUNTIES.

21. **EXTENT OF CERTIFICATION:** CERTIFICATION PERTAINS TO THE OVERALL STRUCTURAL INTEGRITY OF THE UNIT COMPONENTS LISTED WITHIN THE EVALUATION AS REQUIRED BY CODE, SUBJECT TO THE LIMITATIONS AND CRITERIA STATED HEREIN. OPERABILITY DURING OR AFTER A DESIGN EVENT IS NOT INCLUDED IN THIS CERTIFICATION. WATER INFILTRATION IS OUTSIDE THE BOUNDS OF THIS CERTIFICATION. NO OTHER CERTIFICATIONS ARE INTENDED OTHER THAN AS DESCRIBED HEREIN. THIS EVALUATION ALONE DOES NOT OFFER ANY EVALUATION FOR LARGE MISSILE IMPACT DEBRIS OR CYCLIC WIND REQUIREMENTS UNLESS SPECIFICALLY STATED HEREIN.

22. ALTERATIONS, ADDITIONS, AND OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

23. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

PRODUCT APPROVED
as complying with the Florida Building Code
NOA No. 25-0625.11
Approval Date 11/13/2025
By
Miami-Dade Product Control

ENGINEERING EXPRESS®
POSTAL ADDRESS:
2234 NORTH FEDERAL HWY #7664
BOCA RATON, FL 33431
ENGINEERINGEXPRESS.COM

ATTIC BREEZE LLC
1370 FM 116
GATESVILLE, TX 76528
(254) 865-9999

ROOFTOP FANS WITH ATTACHED SOLAR PANELS
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	EPR	RWN	06/23/25
REV PER MD COMMENTS	EPR	RWN	10/14/25

24-74171

SCALE: NTS UNLESS NOTED

01 OF 6

UNIT MODELS (SIZES)

APPROVED UNIT MODELS	
SOLAR PANEL SIZE	**APPROVED UNIT MODEL NUMBERS**
20" LONG x 16" WIDE	AB-2523A, AB-2543A, AB-3523A, AB-3543A, AB-4023A, AB-4043A
26" LONG x 16" WIDE	AB-4523A, AB-4543A, AB-5023A, AB-5043A

MODEL NOTES:

1. ALL UNIT MODELS EMPLOY THE SAME UNDERLYING FAN; MODELS VARY BY TOP-MOUNTED SOLAR PANEL SIZE. SEE DETAILS.
2. UNIT MODELS COME IN TWO CONFIGURATIONS: "SELF-FLASHING" (DIRECT MOUNTED) AS SHOWN ON THE DETAILS ON THIS PAGE, AND CURB MOUNTED. SEE CONFIGURATION DESCRIPTIONS/DETAILS ON THE FOLLOWING PAGES.
3. SEE MANUFACTURER DRAWINGS / CONTACT MANUFACTURER FOR FURTHER MODEL NUMBER AND UNIT CONSTRUCTION INFORMATION.
4. **SOLAR PANELS SHALL BE IN THE FULLY RETRACTED AND SECURED POSITION PRIOR TO ANY NAMED STORM OR SIMILAR HIGH-WIND EVENT. (SEE DETAILS 1-2 ON THIS PAGE).**

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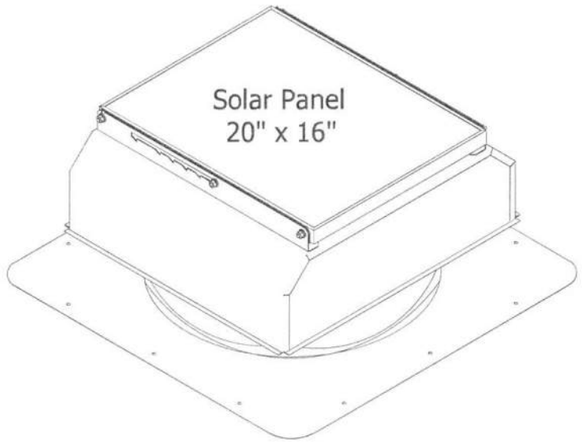
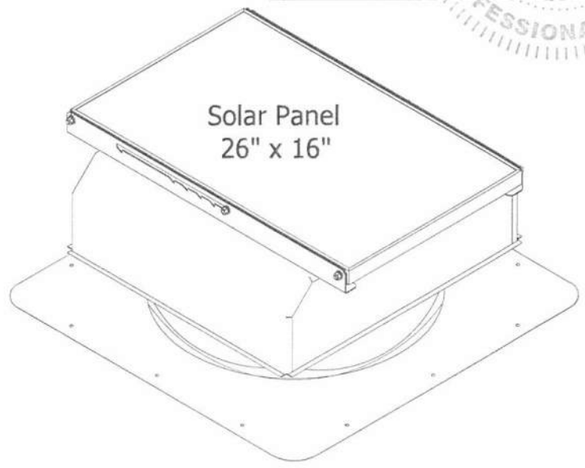
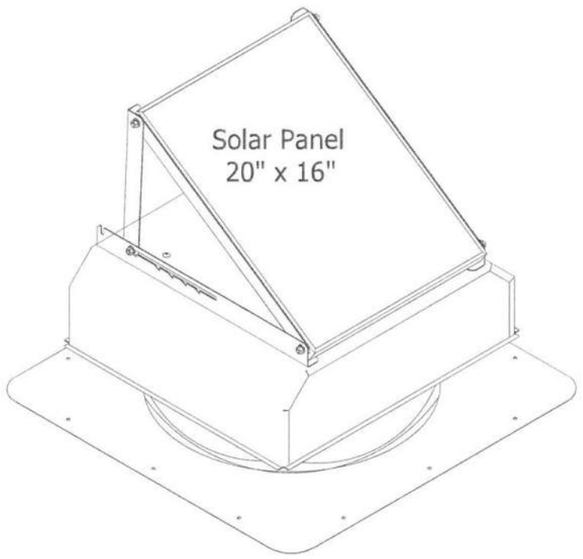


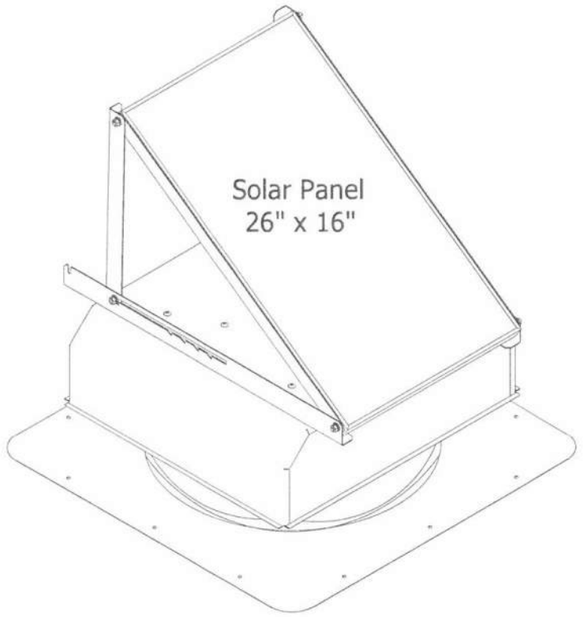
1/02 SOLAR PANEL SIZE 20" x 16" FAN MODELS (SOLAR PANEL RETRACTED)
NOT TO SCALE — ISOMETRIC VIEW



2/02 SOLAR PANEL SIZE 26" x 16" MODELS (SOLAR PANEL RETRACTED)
NOT TO SCALE — ISOMETRIC VIEW



3/02 SOLAR PANEL SIZE 20" x 16" MODELS (SOLAR PANEL FULLY EXTENDED)
NOT TO SCALE — ISOMETRIC VIEW



4/02 SOLAR PANEL SIZE 26" x 16" MODELS (SOLAR PANEL FULLY EXTENDED)
NOT TO SCALE — ISOMETRIC VIEW

RICHARD NEET, P.E.
PE# 86488 CA# 9885
OCTOBER 14, 2025
RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER FL

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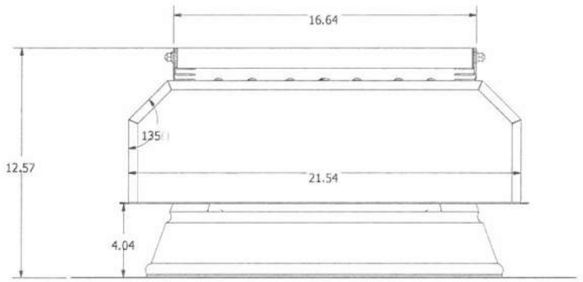
24-74171

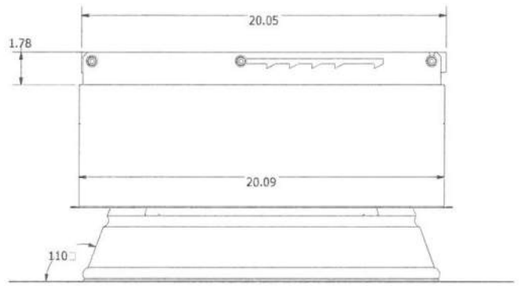
SCALE: NTS UNLESS NOTED

02 OF 6

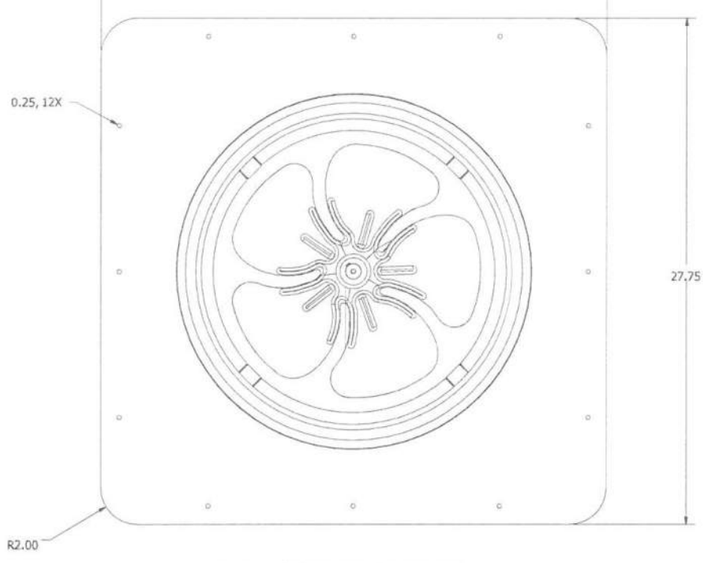
SELF-FLASHING (DIRECT MOUNT) BOTTOM PANEL CONFIGURATION



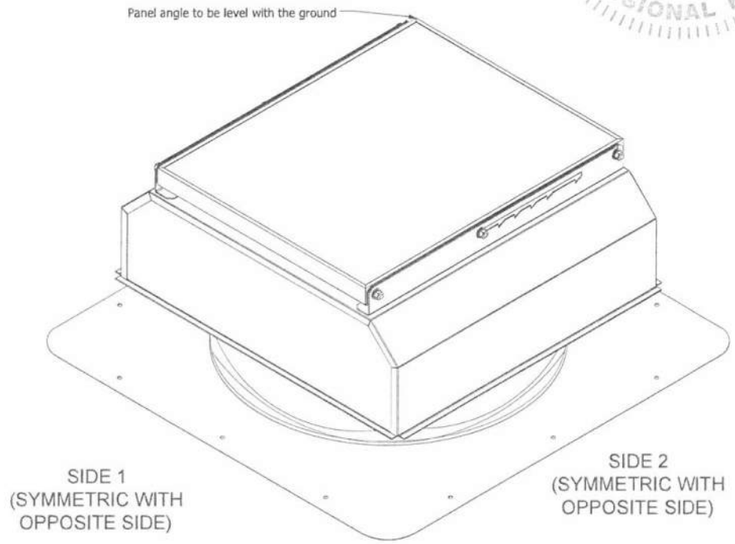
1/03 FAN ASSEMBLY
NOT TO SCALE ELEV. VIEW (SIDE 1)



2/03 FAN ASSEMBLY
NOT TO SCALE ELEV. VIEW (SIDE 2)



4/03 FAN ASSEMBLY WITH SELF-FLASHING BOTTOM PANEL
NOT TO SCALE BOTTOM VIEW



3/03 FAN ASSEMBLY WITH SELF-FLASHING BOTTOM PANEL
NOT TO SCALE ISOMETRIC VIEW

PRODUCT APPROVED
as complying with the Florida Building Code
NOA-No. 25-0625.11
Approval Date 11/13/2025
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RICHARD NEET, P.E.
PE# 86488 CA# 9885
OCTOBER 14, 2025
RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER
FL

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ROOFTOP FANS WITH ATTACHED SOLAR PANELS
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

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-	-	-	-
-	-	-	-
-	-	-	-

24-74171

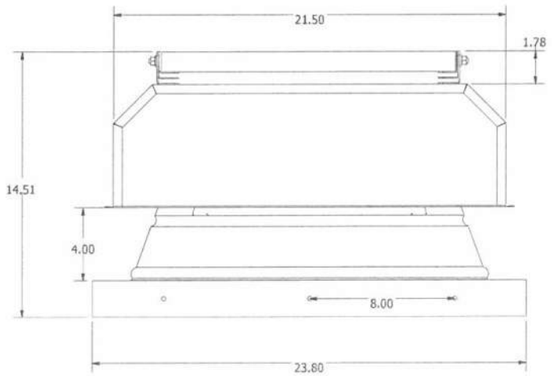
SCALE: NTS UNLESS NOTED

03 OF 6

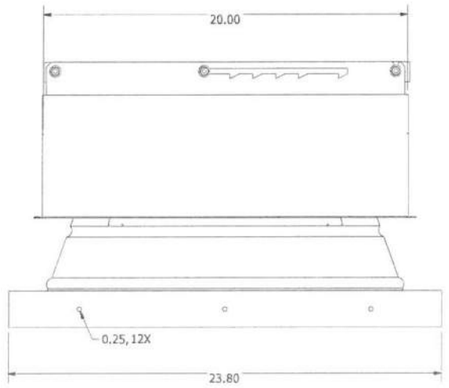
CURB MOUNT BOTTOM PANEL CONFIGURATION

NOTES:

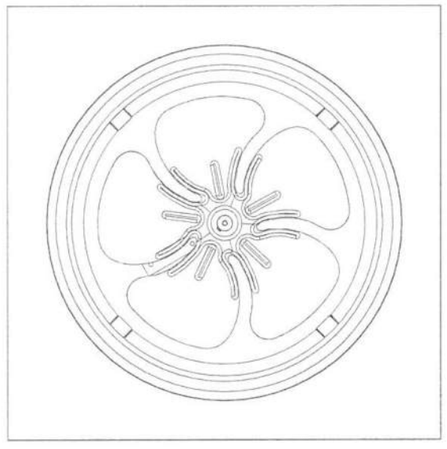
1. THIS PAGE IS INTENDED ONLY TO SHOW THE FAN ASSEMBLY WITH THE DIFFERENT BOTTOM PANEL FOR MOUNTING THE FAN TO THE CURB. THE CURB IS NOT PICTURED ON THIS PAGE. SEE NEXT PAGE.



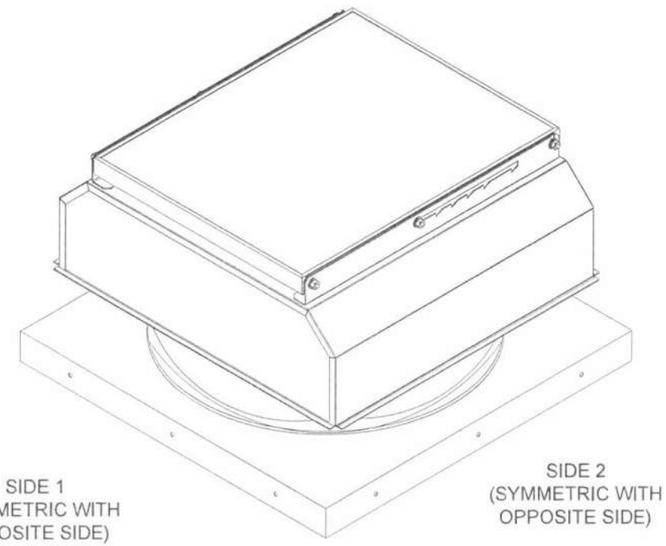
1/04 FAN ASSEMBLY
NOT TO SCALE ELEV. VIEW (SIDE 1)



2/04 FAN ASSEMBLY
NOT TO SCALE ELEV. VIEW (SIDE 2)



4/04 FAN ASSEMBLY WITH CURB MOUNT BOTTOM PANEL
NOT TO SCALE BOTTOM VIEW



3/04 FAN ASSEMBLY WITH CURB MOUNT BOTTOM PANEL
NOT TO SCALE ISOMETRIC VIEW

PRODUCT APPROVED
as complying with the Florida Building Code
NOA–No. 25–0625.11
Approval Date 11/13/2025
By
Miami–Dade Product Control

RICHARD NEET, P.E.
PE# 86488 CA# 9885
OCTOBER 14, 2025

RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER FL

ENGINEERING EXPRESS®
POSTAL ADDRESS:
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ROOFTOP FANS WITH ATTACHED SOLAR PANELS
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DRWN	CHKD	DATE
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REV PER MD COMMENTS	EPR	RVN	10/14/25

24-74171

SCALE: NTS UNLESS NOTED

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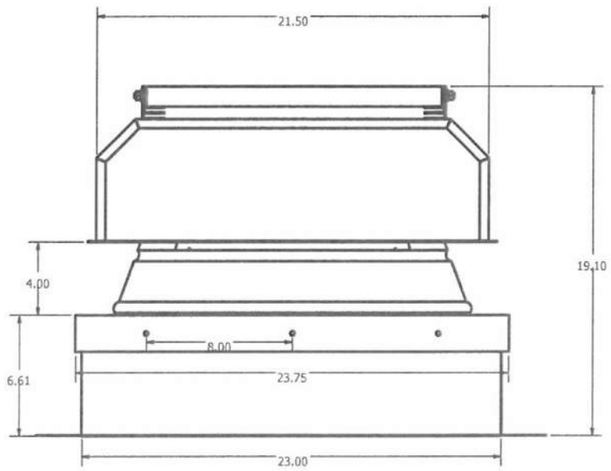
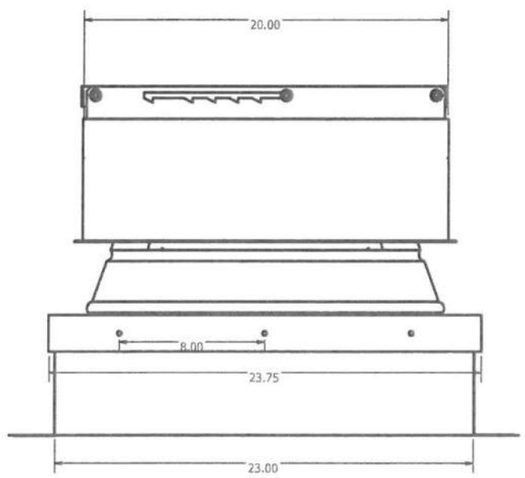
FAN ON CURB DETAILS

FAN ON CURB NOTES:

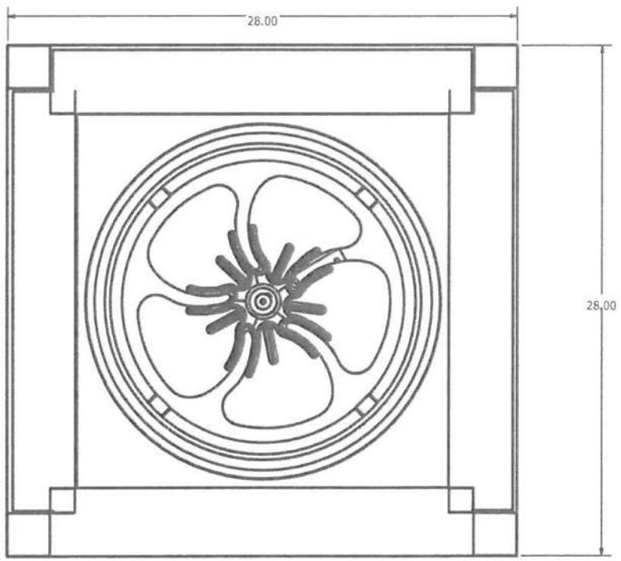
1. CURB SHALL BE PROVIDED BY ATTIC BREEZE AND IS 22 GA. (0.027) GALVALUME GALV. STEEL. (SEE NOTES PAGE 1).
2. SEE MANUFACTURER DRAWINGS / CONTACT MANUFACTURER FOR FURTHER UNIT/CURB CONSTRUCTION INFORMATION.
3. SEE NEXT PAGE FOR FAN-TO-CURB ATTACHMENT SPECIFICATIONS.



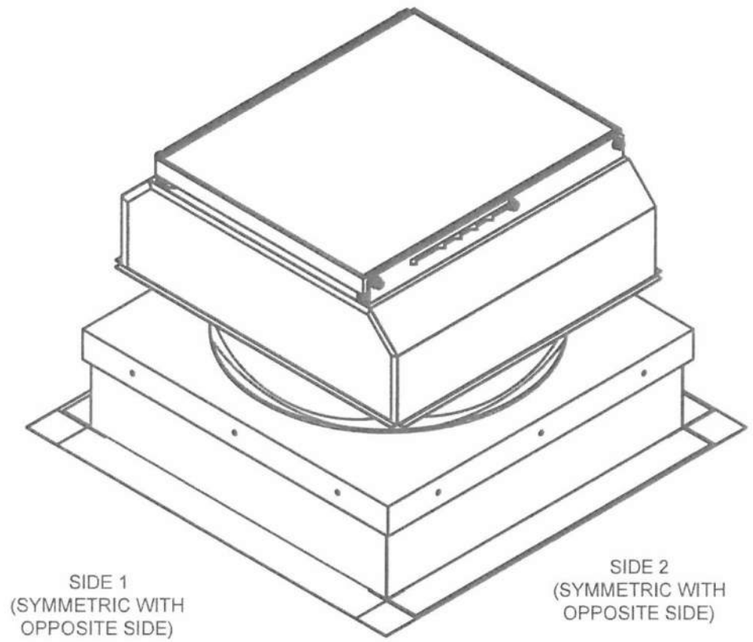
1/05 FAN ASSEMBLY W/ CURB MOUNT BOTTOM PANEL ON CURB
NOT TO SCALE — ELEV. VIEW (SIDE 1)



2/05 FAN ASSEMBLY W/ CURB MOUNT BOTTOM PANEL ON CURB
NOT TO SCALE — ELEV. VIEW (SIDE 2)



4/05 FAN ASSEMBLY W/ CURB MOUNT BOTTOM PANEL ON CURB
NOT TO SCALE — ISOMETRIC VIEW



3/05 FAN ASSEMBLY W/ CURB MOUNT BOTTOM PANEL ON CURB
NOT TO SCALE — ISOMETRIC VIEW

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ANCHOR SCHEDULE

ANCHOR SCHEDULE	
HOST SUBSTRATE BY OTHERS	ANCHOR TO HOST SUBSTRATE SPECIFICATIONS
1/2" MIN. THICK PLYWOOD, ALL GRADES (G = 0.42 MIN.)	#10 WOOD SCREW WITH FULL THREAD PENETRATION THROUGH THE WOOD STRUCTURAL PANEL (WSP) AND 3" MIN. EDGE/END DISTANCE TO ALL EDGES OF THE WSP, TYP. ENSURE THAT THE WOOD SCREW USED PROVIDES A FULLY-THREADED SECTION OF THE SCREW SHANK THROUGHOUT THE THICKNESS OF THE WSP ONCE INSTALLED FOR MAXIMUM THREAD ENGAGEMENT.
22 GA. (0.027") MIN. THICK, YS = 33 ksi MIN. & UTS = 45 ksi MIN. STEEL DECK	#10 (0.190") Ø SAE GR. 2 OR SS SHEET METAL SCREW WITH 3/4" MIN. EDGE DISTANCE TO EDGES OF MEMBERS IN CONTACT, TYP.

ANCHOR SCHEDULE NOTES:

1. ANCHORS SHALL BE PER THE ANCHOR SCHEDULE AND SPECIFICATIONS HEREIN.
2. POSITION ANCHORS EQUALLY SPACED ALONG EACH SIDE AS MUCH AS IS FEASIBLE UNLESS NOTED OTHERWISE. UTILIZE PRE-DRILLED HOLE LOCATIONS IF APPLICABLE.
3. WOOD STRUCTURAL PANEL (WSP) MAY REFER TO PLYWOOD OR OSB AS IS APPLICABLE. SEE HOST REQUIREMENTS ABOVE.
4. THE ATTIC BREEZE CURB SHOWN HEREIN IS QUALIFIED BY THIS EVALUATION.
5. OTHER CURBS MAY BE USED WITH THE CURB-MOUNTED FANS SHOWN HEREIN, BUT SUCH CURBS, CURB CONNECTIONS, AND CURB ATTACHMENT TO THE HOST STRUCTURE SHALL BE PER SEPARATE ENGINEERING. (INTEGRITY OF THE ATTIC BREEZE FAN ITSELF IS STILL QUALIFIED BY THIS EVALUATION AS SPECIFIED HEREIN).

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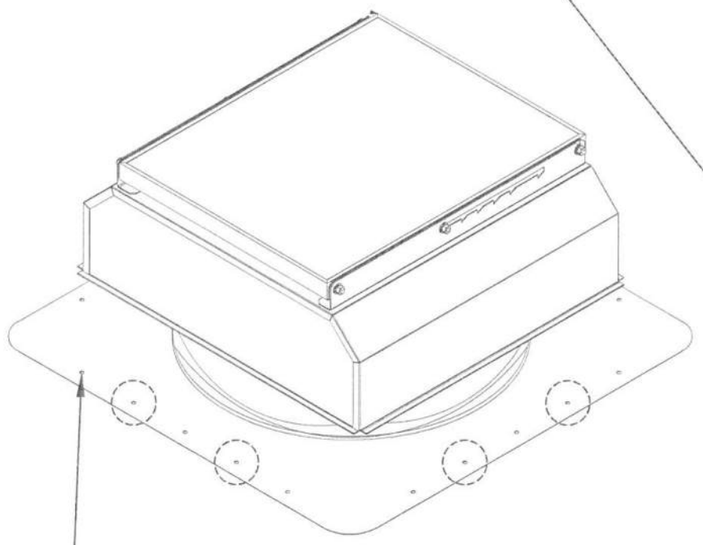
ATTIC BREEZE CURB PER THE SPECIFICATIONS HEREIN



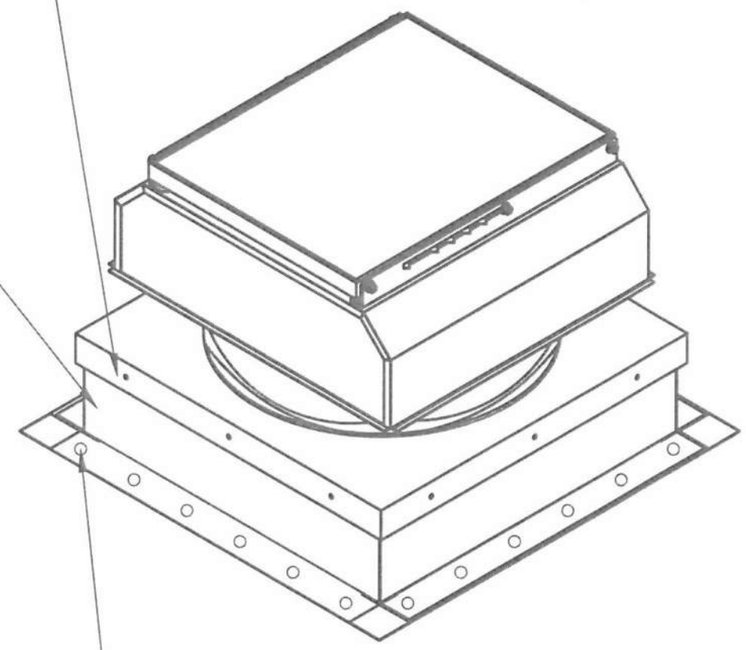
FAN CONNECTION TO HOST STRUCTURE:

UP TO ± 85 psf ASD WIND PRESSURES:
PROVIDE (12) ANCHORS, (3) PER SIDE, TYP. UTILIZE THE PRE-DRILLED HOLE LOCATIONS (NOT CIRCLED).

± 85 - 125 psf ASD WIND PRESSURES:
PROVIDE (20) ANCHORS, (5) PER SIDE, TYP.
UTILIZE THE PRE-DRILLED HOLE LOCATIONS (NOT CIRCLED) AND ADD (2) HOLE LOCATIONS PER SIDE AS SHOWN CIRCLED, ON-CENTER BETWEEN EXISTING HOLE LOCATIONS.

1/06 FAN W/ SELF-FLASHING BOTTOM: ANCHOR DIRECTIVE
NOT TO SCALE ISOMETRIC VIEW

CURB TOP CONNECTION TO FAN:
PROVIDE (12) #10 (0.190") Ø, SAE GR. 2 MIN. OR SS SMS, (3) PER SIDE, AT THE PRE-DRILLED HOLE LOCATIONS AS SHOWN. PROVIDE 3/4" MIN. EDGE DISTANCE TO EDGES OF FAN PANEL & CURB, TYP.



CURB BOTTOM CONNECTION TO HOST STRUCTURE:

FOR ALL ANCHORS: POSITION ALL ANCHORS ALONG THE CENTERLINE OF THE CURB FLANGES, EQUALLY SPACED AS MUCH AS IS FEASIBLE.

UP TO ± 85 psf ASD WIND PRESSURES:
PROVIDE (16) ANCHORS, (4) PER SIDE, TYP.

± 85 - 125 psf ASD WIND PRESSURES:
PROVIDE (24) ANCHORS, (6) PER SIDE, TYP.

2/06 CURB-MOUNTED FAN W/ CURB ANCHOR DIRECTIVE
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