



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Airsouth Air Products, LLC
1055 E. 35th Street
Hialeah, FL 33013

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: Airsouth Commercial Units Steel Curbs

APPROVAL DOCUMENT: Drawing No. **24-82376**, titled "Airsouth Commercial Units Curbs", sheets 1 through 19 of 19, dated 02/15/2025, prepared by Engineering Express, signed and sealed by Richard Neet, P.E. on 06/02/2025, 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 the approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**




06/30/25

NOA No. 25-0410.04
Expiration Date: July 10, 2030
Approval Date: July 10, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **TIV/TEV-HV**, titled “TEV and TIV Hurricane Vents”, sheets 1 through 4 of 4, dated 02/02/2021 and 02/18/2022, prepared by ACME Manufacturing Corporation, signed and sealed by Richard O. Boyette, P.E. on 02/20/2022 and 06/30/2022.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations, prepared by Engineering Express, dated 03/11/2025, 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) of the FBC, issued by Engineering Express, dated 03/11/2025, signed and sealed by Richard Neet, P.E.
2. Statement letter of no financial interest, issued by Engineering Express, dated 03/11/2025, signed and sealed by Richard Neet, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0410.04
Expiration Date: July 10, 2030
Approval Date: July 10, 2025

AIRSOUTH COMMERCIAL UNITS CURBS PERFORMANCE EVALUATION

VALID FOR USE INSIDE AND OUTSIDE THE HVHZ (SEE LIMITATIONS HEREIN)

APPROVED DESIGN CRITERIA

MAXIMUM-RATED ASD WIND PRESSURES:
± 122 PSF LATERAL & 96 PSF UPLIFT

DESIGN NOTES

1. SITE-SPECIFIC ASD WIND PRESSURES SHALL BE DETERMINED IN ACCORDANCE WITH THE CURRENT EDITION OF ASCE 7 AND CHAPTER 16 OF THE FLORIDA BUILDING CODE AND SHALL BE LESS THAN OR EQUAL TO THE MAXIMUM ASD DESIGN WIND PRESSURES LISTED HEREIN FOR THE UNIT MODEL IN QUESTION. DESIGN PRESSURES SHALL BE DETERMINED BY A REGISTERED DESIGN PROFESSIONAL ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE AND ALLOWABLE STRESS DESIGN (ASD) METHODOLOGY.

GENERAL NOTES

1. THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023). THIS SYSTEM MAY BE USED WITHIN AND OUTSIDE OF THE HIGH-VELOCITY HURRICANE ZONE (HVHZ). THIS DESIGN IS NOT INTENDED TO CERTIFY IMPACT RESISTANCE OF THE MECHANICAL UNIT CABINETRY.
2. WIND LOAD DURATION FACTOR $CD = 1.6$ HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTION.
4. THIS PERFORMANCE EVALUATION CERTIFIES THE MECHANICAL UNIT-TO-CURB ATTACHMENT, CURB STRUCTURAL INTEGRITY, AND CURB-TO-HOST ATTACHMENT. INTEGRITY OF MECHANICAL UNIT AND EXISTING HOST STRUCTURE SHALL BE BY OTHERS.
5. TIE-DOWN STRAP WHERE USED HEREIN:
 - FOR DIRECT MOUNT METHOD: SHALL BE 1" MIN. WIDE X 22GA MIN THICK, UTS=45 KSI MIN. (EQUIVALENT TO ASTM A653 GR 33 OR STRONGER) GALV. STEEL, TYP.
 - FOR STRAP MOUNT METHOD: SHALL BE 2" MIN. WIDE X 22GA MIN THICK, UTS=45 KSI MIN. (EQUIVALENT TO ASTM A653 GR 33 OR STRONGER) GALV. STEEL, TYP.
6. CURBS SHALL BE 16GA (0.055") THICK MINIMUM, ASTM A653 GR 33 G90 GALVANIZED STEEL (UTS = 45 KSI MIN.), OR STRONGER. SEE DETAILS HEREIN FOR MAXIMUM CURB HEIGHT.
7. ALL SPECIFICATIONS (INCLUDING BUT NOT LIMITED TO ROOFING MATERIALS, SEALING GASKETS, DUCTS, AND STRIP NAILS) NOT RELATED WITH THE STRUCTURAL PERFORMANCE OF THE CURB ARE NOT PART OF THIS CERTIFICATION.
8. DIMENSIONS SHOWN BETWEEN BRACKETS [] (WHERE APPLICABLE) ARE THE EQUIVALENT IN MILLIMETERS.
9. CURBS SHALL BEWELDED CONSTRUCTED: 1/8" CONTINUOUS FILLET WELD FOR ALL CONNECTING CURB ELEMENTS.
10. SUPPLEMENTAL "SHEET METAL SCREWS" OR "SMS" USED FOR TIE-DOWN STRAP ATTACHMENTS SHALL BE SAE GR 2 MIN. OR SELF-DRILLING SCREWS WITH WASHERS, TYP.
11. UNIT BASE RAIL SHALL BE 18GA THICK MINIMUM, ASTM A653 GR 33 G90 GALVANIZED STEEL (UTS = 45 KSI MIN.), OR STRONGER.
12. HOST STRUCTURE SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
 - HOST CONCRETE SHALL BE 3000 PSI MIN. COMPRESSIVE STRENGTH AND SHALL BE NON-CRACKED REGULAR-WEIGHT CONCRETE. HOST CONCRETE SHALL BE BY OTHERS.
 - HOST STEEL SHALL BE ASTM A36 (YS=36 KSI MIN.), 3/16" THICK MINIMUM. HOST STEEL SHALL BE BY OTHERS.
 - HOST WOOD SHALL BE $G=0.55$ (G =SPECIFIC GRAVITY), 2"X8" MINIMUM. HOST WOOD SHALL BE BY OTHERS.
10. PRESSURE VALUES IN THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES UNLESS NOTED OTHERWISE.
11. ALL WELDING MUST BE DONE BY AN AWS CERTIFIED WELDER OR SHALL CONFORM TO TO THE CURRENT EDITION OF THE AISC STEEL CONSTRUCTION MANUAL, AS INSPECTED AND VERIFIED BY OTHERS. MIN. WELD IS 1/8" FULL PERIMETER FILLET WELD (U.N.O.). WELD ELECTRODES SHALL BE E70XX FOR CARBON STEEL. FOR STAINLESS STEEL, WELD ELECTRODES SHALL FOLLOW ASTM E330-16 AND AMERICAN WELDING SOCIETY SPECIFICATION AWS A5.4 (E75XX MINIMUM). ALL WELDS NOT OTHERWISE IDENTIFIED SHALL BE CONTINUOUS. WELDS SHALL HAVE EVIDENCE OF UNIFORM SECTION, SMOOTHNESS OF WELD METAL, FREE FROM SLAG, AND ADEQUATE STRENGTH AND DURABILITY.
12. ALL DIMENSIONS AND THE ALLOWABLE NET WEIGHT OF MECHANICAL UNIT SHALL CONFORM TO LIMITATIONS STATED HEREIN. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.

13. PROVIDE (5) PITCHES MINIMUM PAST THE THREAD PLANE FOR SHEET METAL SCREWS. ALL FASTENER CONNECTIONS SHALL PROVIDE 1.5xDIAMETER EDGE DISTANCE. FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.7.2 BY THE ALUMINUM ASSOCIATION INC., AND ANY APPLICABLE FEDERAL, STATE AND OR LOCAL CODES.

14. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.

15. THE CONTRACTOR IS RESPONSIBLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.

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

17. 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.

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

19. 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.

20. 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.

21. INTERIOR MECHANISM AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS PRODUCT EVALUATION.

22. SURVIVABILITY: THIS EVALUATION IS VALID FOR A NEWLY INSTALLED CURB 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.

23. 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.

24. EXTENT OF CERTIFICATION: CERTIFICATION PERTAINS TO THE OVERALL STRUCTURAL INTEGRITY OF THE CURB 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.

25. ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN

**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 THIS OFFICE AT **ENGINEERINGEXPRESS.COM/QUOTE** FOR ASSISTANCE WITH YOUR PROJECT-SPECIFIC NEEDS & FOR ADAPTATION & CERTIFICATION OF THIS DOCUMENT OUTSIDE OF FLORIDA.

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0410.04

Approval Date 07/10/2025

By R. F. [Signature]
Miami-Dade Product Control

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

JUNE 2, 2025



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AIRSOUTH AIR PRODUCTS, LLC

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(305) 8289-400

AIRSOUTH COMMERCIAL UNITS CURBS

FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

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TERMINOLOGY:

THE FOLLOWING ABBREVIATIONS MAY APPEAR IN THIS APPROVAL:

"ADTL." FOR "ADDITIONAL", "AHJ" FOR "AUTHORITY HAVING JURISDICTION", "ALUM" FOR "ALUMINUM", "ASD" FOR "ALLOWABLE STRESS DESIGN", "BO" FOR "BUILD-OUT", "CS" FOR "CARBON STEEL", "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", "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 / in²", "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/ft²)", "PSI" FOR "POUNDS PER SQUARE INCH (lb/in²)", "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", "WLL" FOR "WORKING LOAD LIMIT", "W/" FOR "WITH", "W/O" FOR "WITHOUT", "YS" FOR "YIELD STRENGTH", "#" FOR "NUMBER", "&" FOR "AND", AND "Ø" FOR "DIAMETER".

CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

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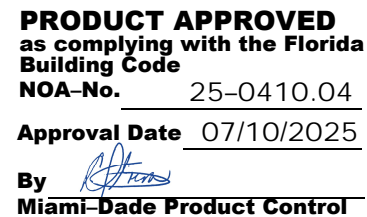
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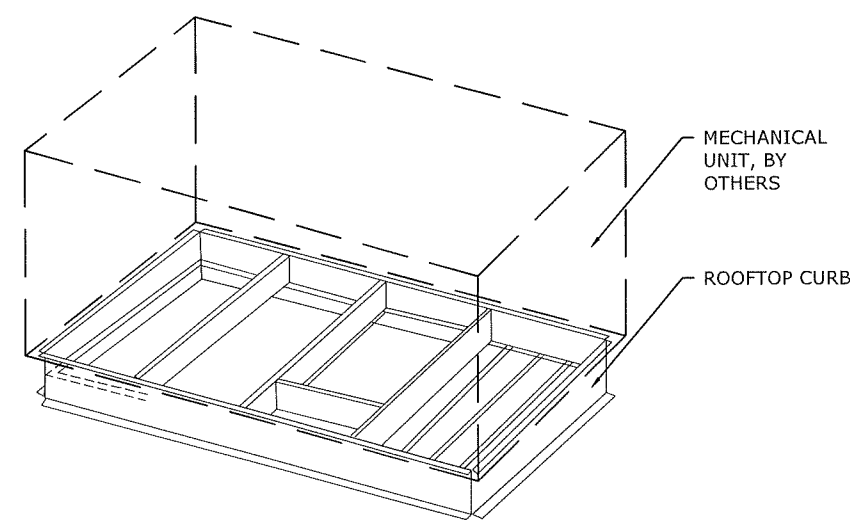
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02 OF 19



1 GENERIC UNIT-TO-CURB SKETCH --- 02 NOT TO SCALE ISOMETRIC VIEW

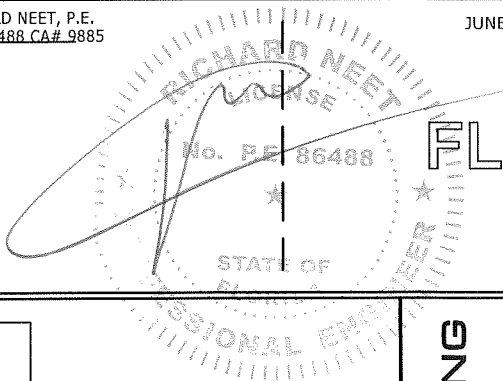
NOTE: UNIT-CURB GROUPS HAVE BEEN DESIGNATED BY ENGINEERING EXPRESS TO CHARACTERIZED THE TIEDOWN CALCULATIONS BASED ON THE UNITS OVERALL SIZES. SEE SHEETS 17 THRU 19 FOR THE TIEDOWN SPECIFICATIONS RELATED WITH EACH UNIT-GROUP CURB

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CARRIER CURBS SPECIFICATIONS

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REMARKS	DRWN	CHKD	DATE
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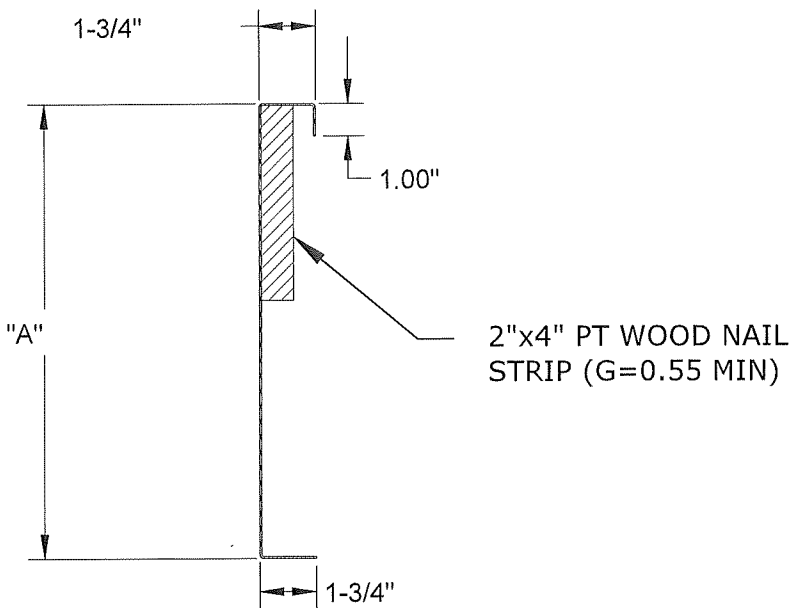
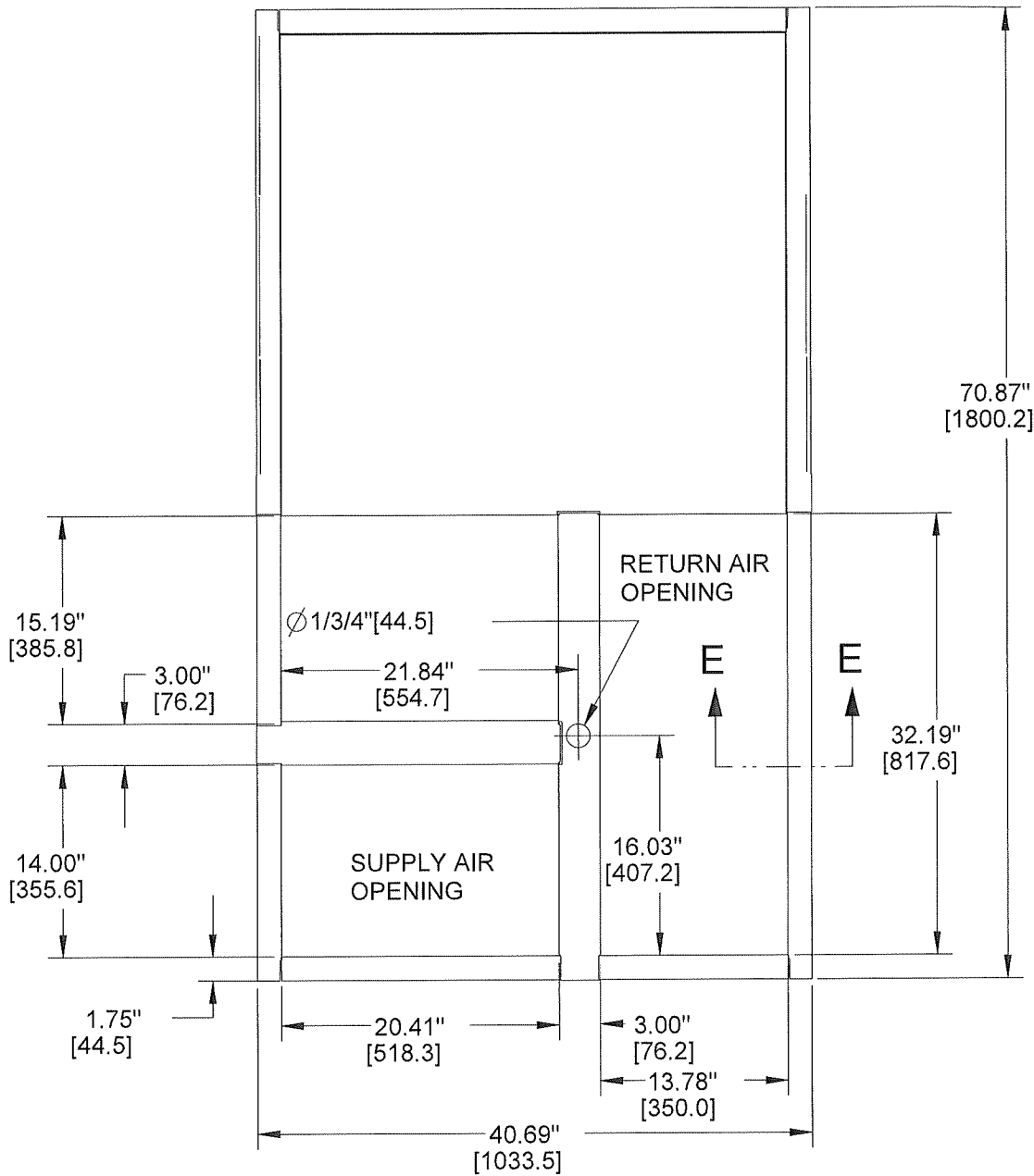
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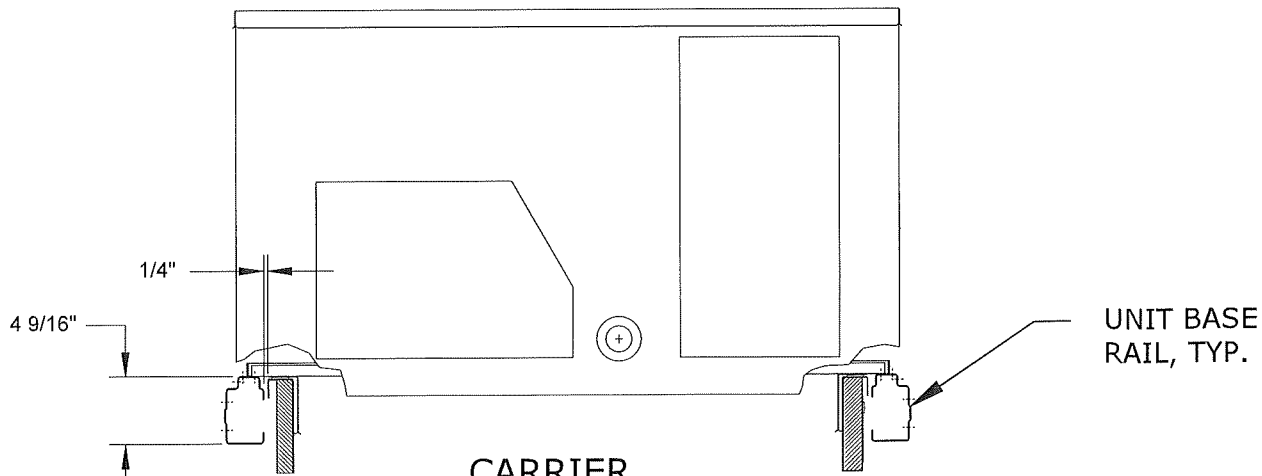
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OF 19



SECTION E-E



NOTE: THIS DRAWING IS APPLICABLE FOR 3-6 TONS WEATHERMAKER SINGLE PACKAGE ROOFTOP UNIT.

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CARRIER
WEATHERMAKER SINGLE PKG ROOFTOP CURB / UNIT-CURB GROUP I


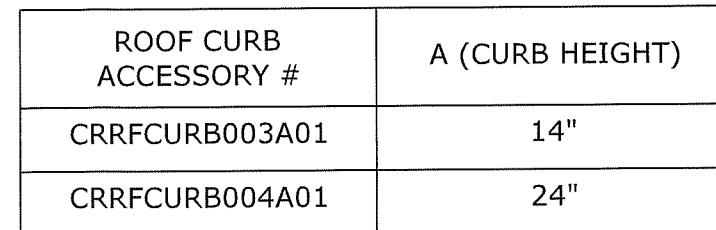
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MULTIPLE VIEWS

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0410.04
Approval Date 07/10/2025
By
Miami-Dade Product Control

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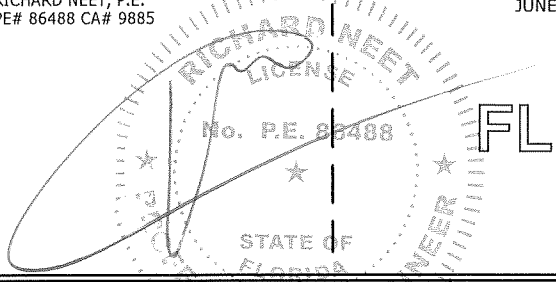
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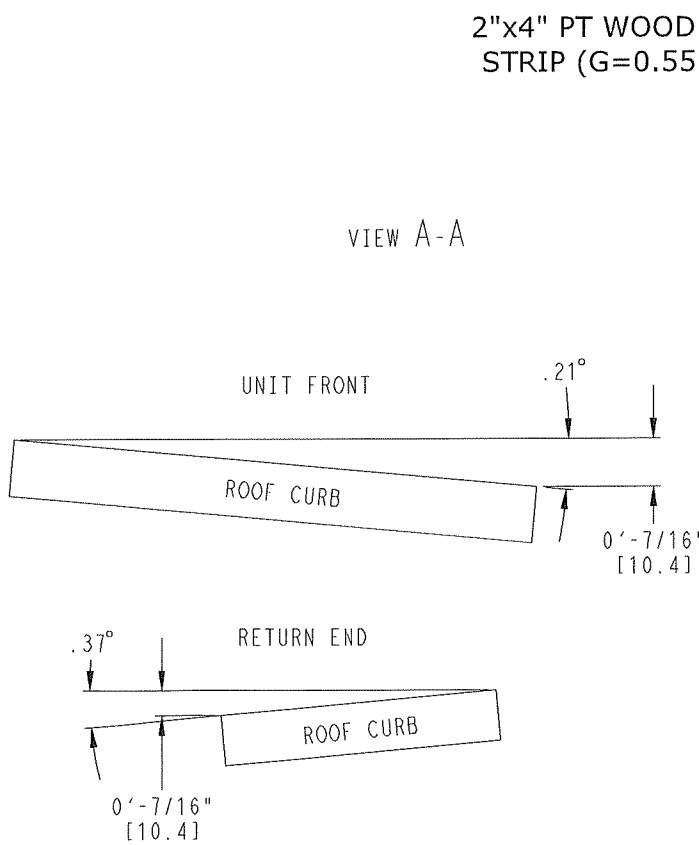
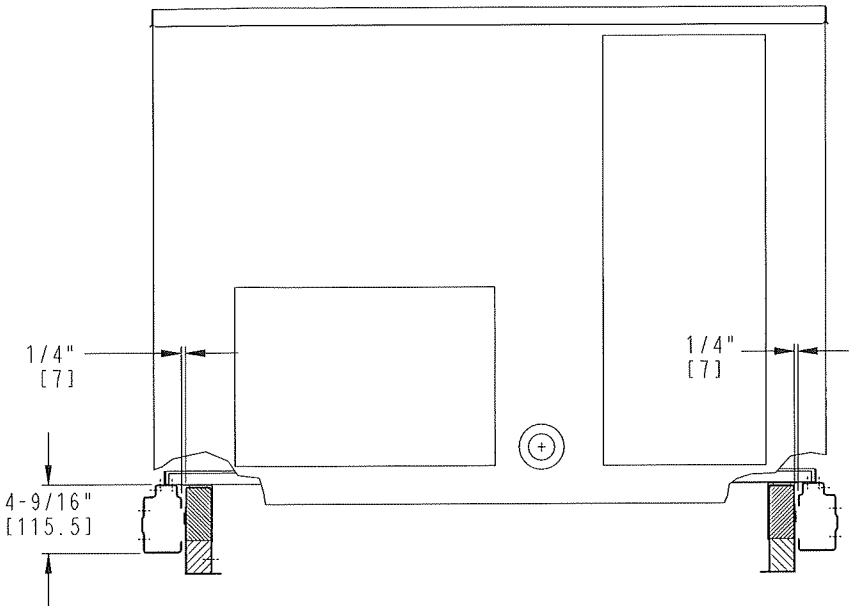
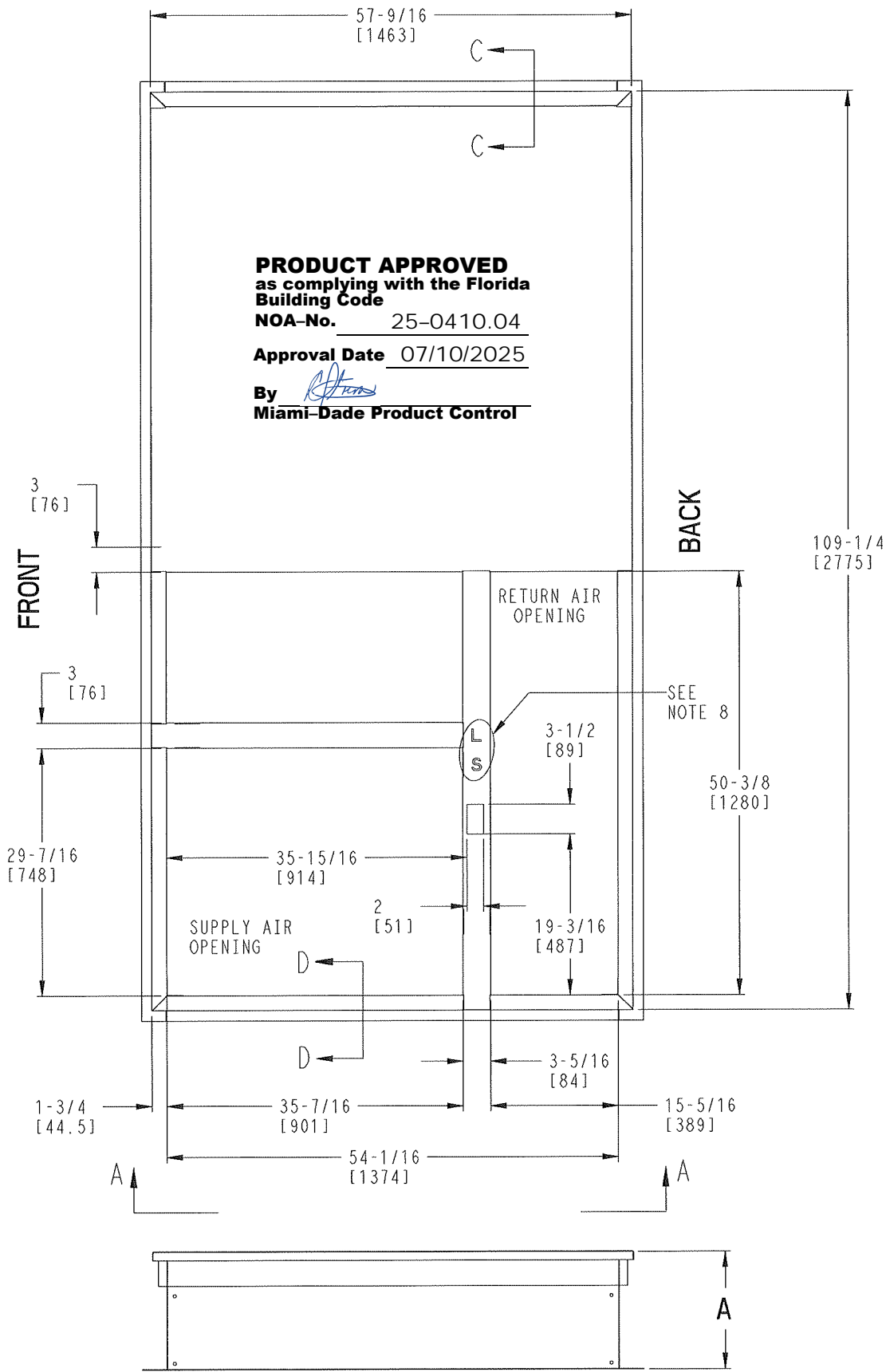
CARRIER CURBS SPECIFICATIONS

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PE# 86488 CA# 9885

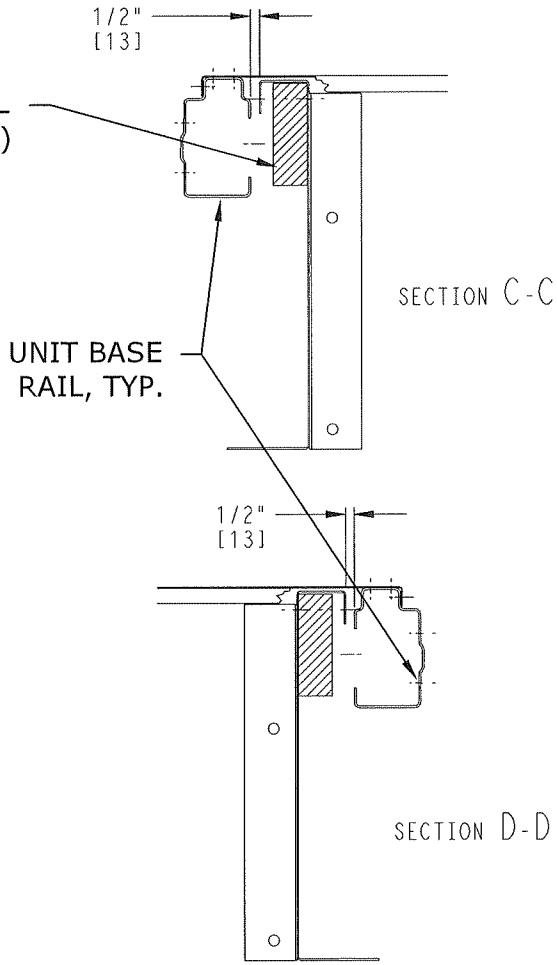


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JUNE 2, 2025



ROOF CURB ACCESSORY #	A (CURB HEIGHT)
CRRFCURB074A00	14"
CRRFCURB074A00	24"



MAX CURB LEVELING TOLERANCES

NOTE: THIS DRAWING IS APPLICABLE FOR 15 TONS WEATHERMAKER SINGLE PACKAGE ROOFTOP UNIT.

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05

CARRIER
WEATHERMAKER SINGLE PKG ROOFTOP CURB / UNIT-CURB GROUP I
NOT TO SCALE

MULTIPLE VIEWS



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DRWN	CHKD	DATE
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REMARKS	INT	ISSUE

24-82376

SCALE: NTS UNLESS NOTED

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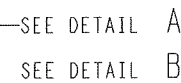
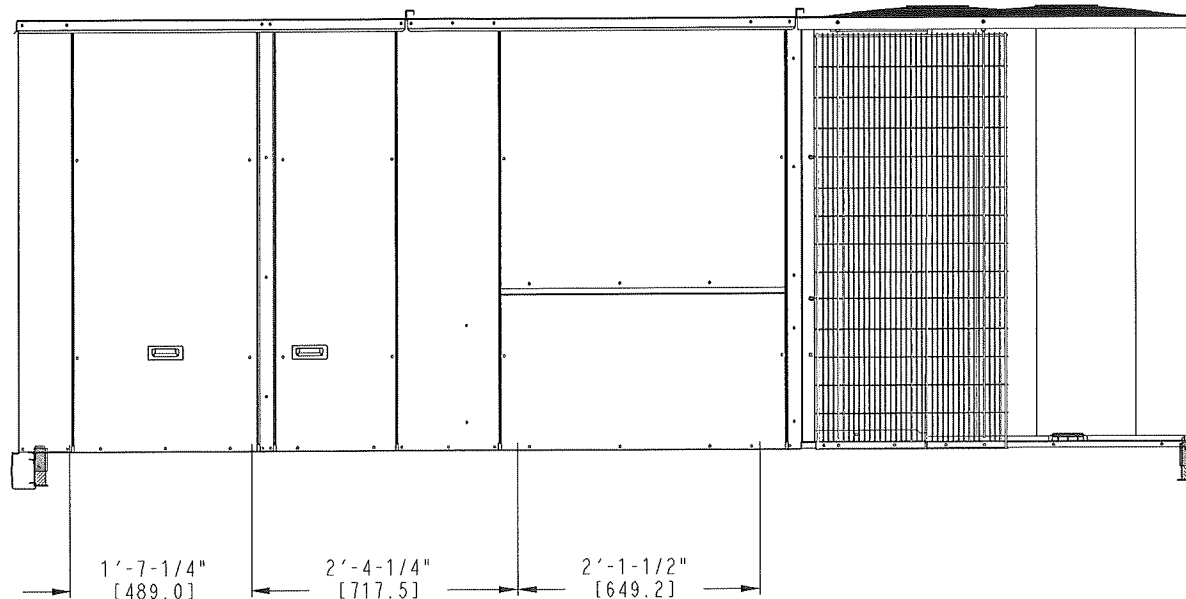
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JUNE 2, 2025




ROOF CURB ACCESSORY #	A (CURB HEIGHT)
CRRFCURB045A00	14"
CRRFCURB046A00	24"



NOTE: THIS DRAWING IS APPLICABLE
FOR 17.5-27.5 TONS WEATHERMAKER
SINGLE PACKAGE ROOFTOP UNIT;
FOOTPRINT 1.



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0410.04
Approval Date 07/10/2025
By 
Miami-Dade Product Control

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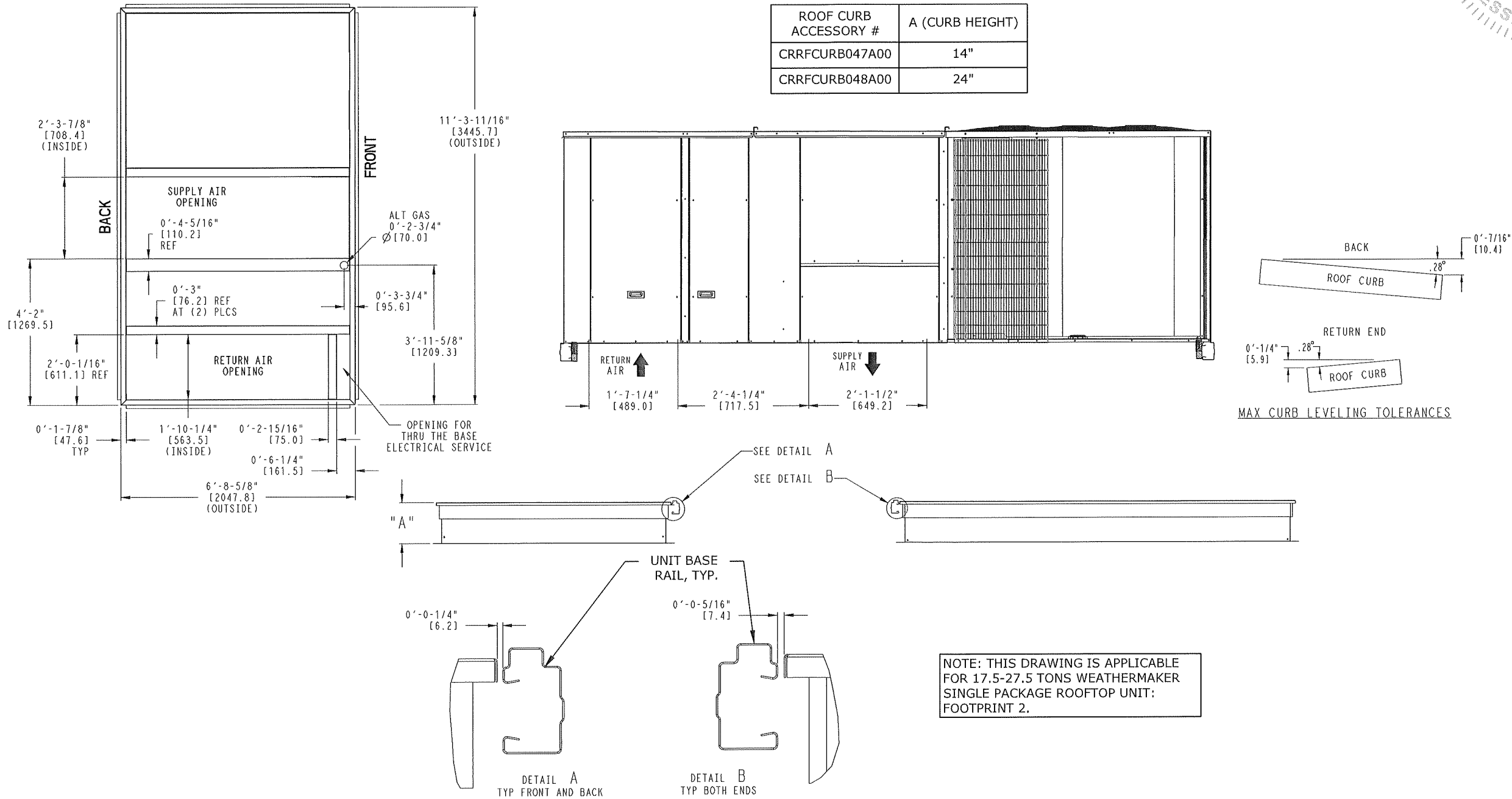
CARRIER CURBS SPECIFICATIONS

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PE# 86488 CA# 9885

FL

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LICENSE
No. P.E. 86488

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ROOF CURB ACCESSORY #	A (CURB HEIGHT)
CRRFCURB047A00	14"
CRRFCURB048A00	24"

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Approval Date 07/10/2025
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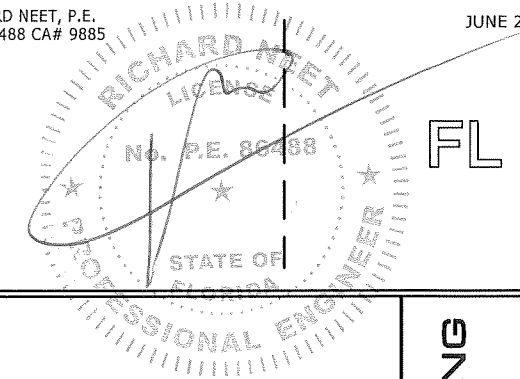
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WEATHERMAKER SINGLE PKG ROOFTOP CURB / UNIT-CURB GROUP III
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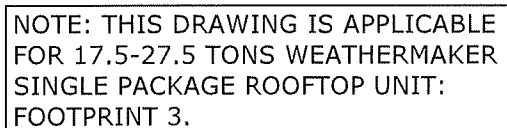
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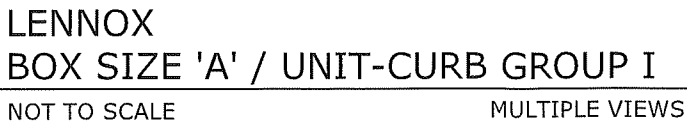
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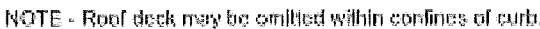
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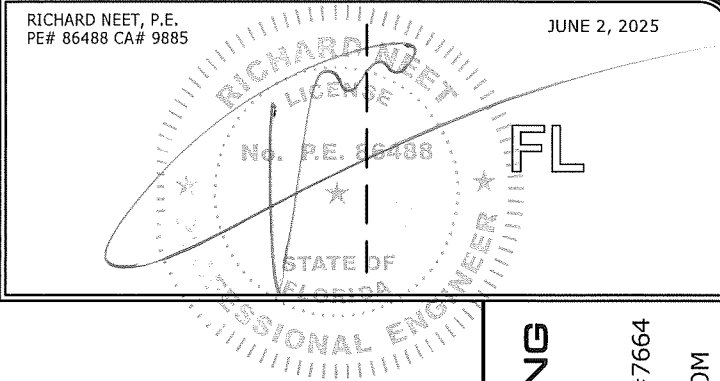
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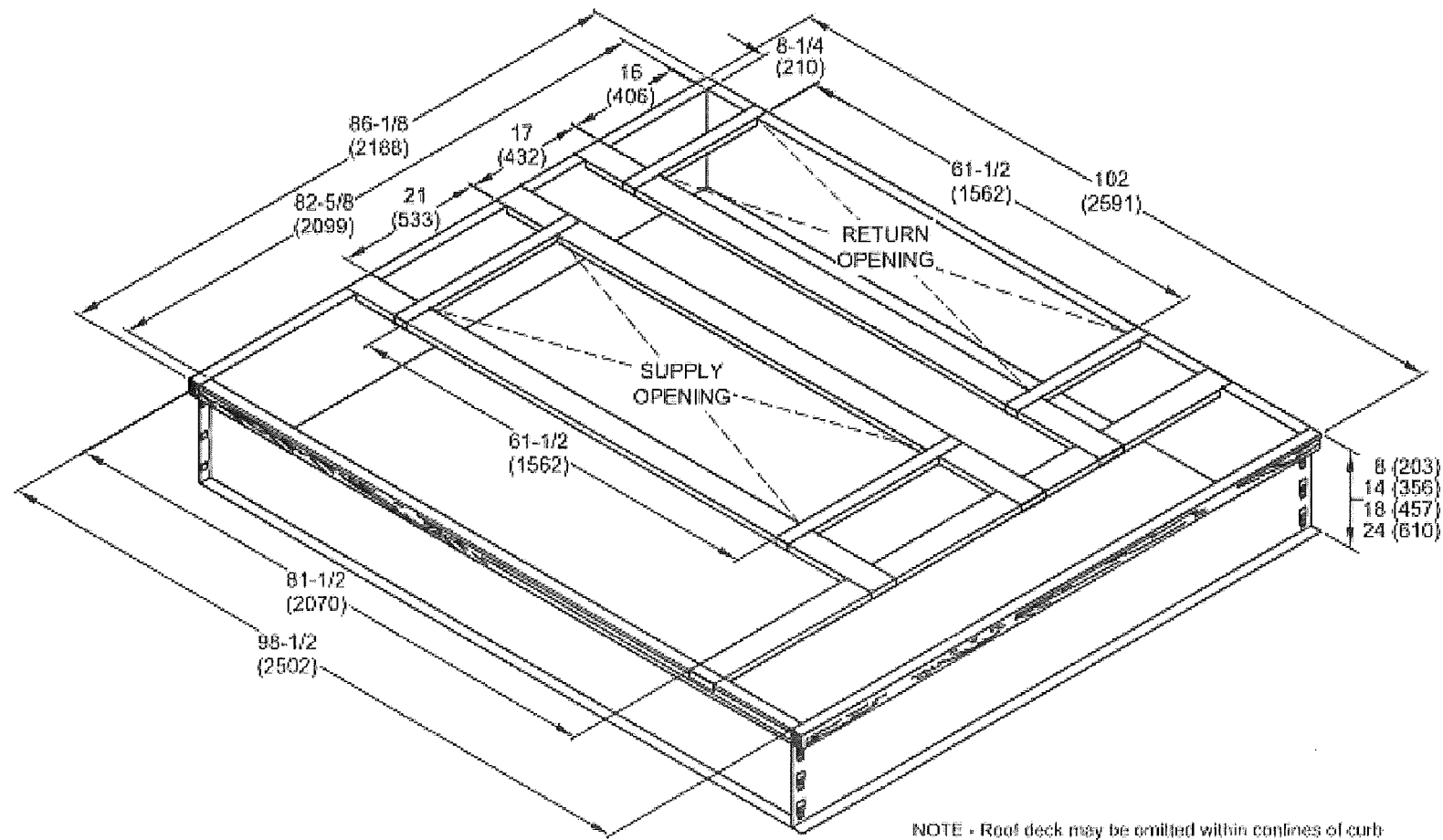
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DETAIL ROOF CURB

Technical drawing of a window frame cross-section. The drawing shows a vertical frame with a horizontal sill at the bottom. A diagonal line indicates a break in the frame. Dimensions are given in inches and millimeters. The top width is 1-3/4 (44). The top depth is 1/2 (13). The vertical height is marked with four increments: 8 (203), 14 (356), 18 (457), and 24 (610). A horizontal dimension at the bottom is 1-3/4 (44). A label points to a hatched area: "FACTORY INSTALLED PERIMETER WOOD NAILER STRIP".

MULTIPLE VIEWS

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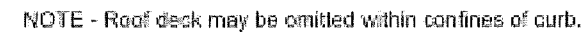
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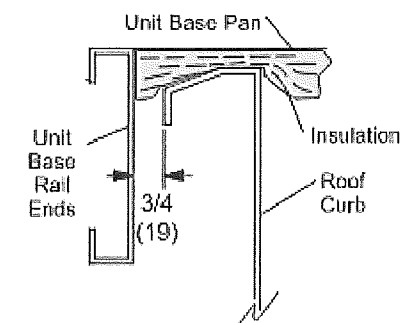
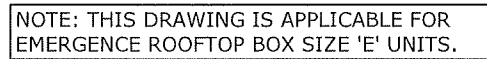
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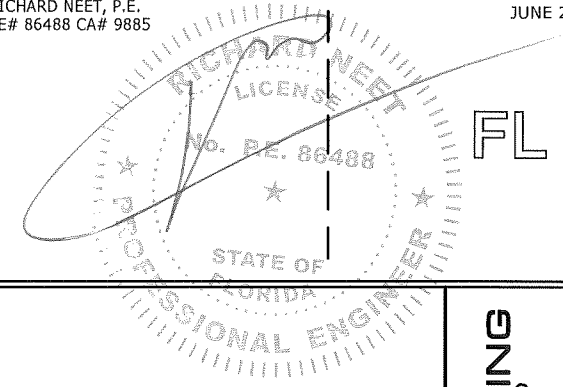
LENNOX
BOX SIZE 'E' / UNIT-CURB GROUP IV
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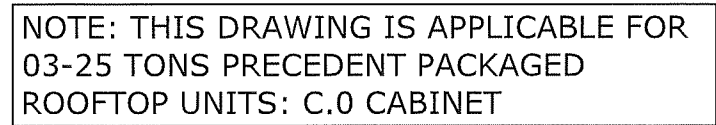
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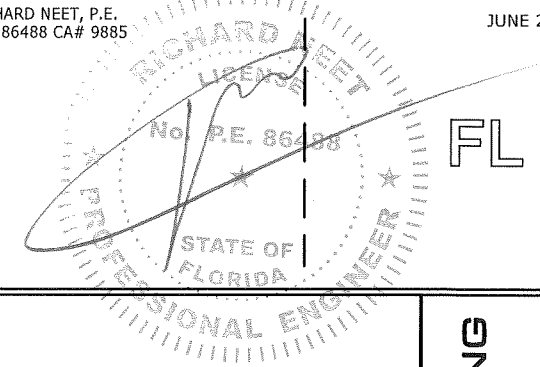
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1 TRANE
15 C.O. CABINET UNITS ROOFTOP CURB / UNIT-CURB GROUP I
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D.0, D.1 CABINETS & FOUNDATION PACKAGED UNITS / UNIT-CURB GROUP II

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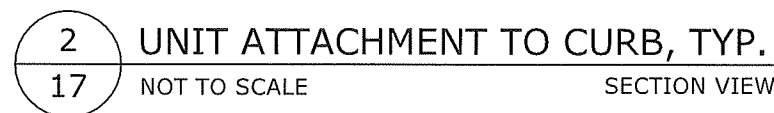
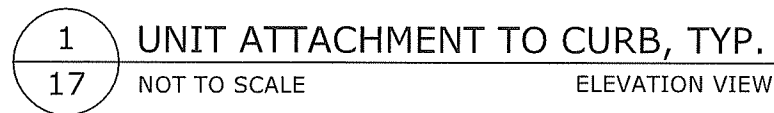
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CA# 9885

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LICENSED
No. P.E. 86428
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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UNIT-TO-CURB TIEDOWN SCHDEULE (DIRECT MOUNT METHOD)						
UNIT-CURB GROUP	UNIT MANUFACTURER	TONNAGE	DESCRIPTION	# OF FASTENERS PER UNIT LONG SIDE	# OF FASTENERS PER UNIT SHORT SIDE	TOTAL # OF FASTENERS
I	CARRIER	3-6	WEATHERMAKER SINGLE PACKAGED ROOFTOP	9	6	30
I	CARRIER	7.5-15	WEATHERMAKER SINGLE PACKAGED ROOFTOP	11	7	36
I	LENNOX	BOX SIZE A	MODEL L ULTRA-HIGH EFFICIENCY PACKAGED ELECTRIC 3-6 TON	11	6	34
I	LENNOX	BOX SIZE B	MODEL L ULTRA-HIGH EFFICIENCY PACKAGED ELECTRIC 7.5-12.5 TON	13	8	42
I	TRANE	3-25	PRECEDENT PACKAGED ROOFTOP UNIT: A.0 CABINET	9	6	30
I	TRANE	3-25	PRECEDENT PACKAGED ROOFTOP UNIT: B.0 CABINET	11	7	36
I	TRANE	3-25	PRECEDENT PACKAGED ROOFTOP UNIT: C.0 CABINET	12	8	40
II	CARRIER	17.5-27.5	WEATHERMAKER SINGLE PACKAGED ROOFTOP: FOOTPRINT 1	16	11	54
II	LENNOX	BOX SIZE C	MODEL L ULTRA-HIGH EFFICIENCY PACKAGED ELECTRIC 13-25 TON	13	11	48
II	TRANE	15-25	FOUNDATION PACKAGED ROOFTOP UNITS	15	11	52
II	TRANE	3-25	PRECEDENT PACKAGED ROOFTOP UNITS: D.0 & D.1 CABINETS	15	11	52
III	CARRIER	17.5-27.5	WEATHERMAKER SINGLE PACKAGED ROOFTOP: FOOTPRINT 2	18	11	58
III	CARRIER	17.5-27.5	WEATHERMAKER SINGLE PACKAGED ROOFTOP: FOOTPRINT 3	20	11	62
III	LENNOX	BOX SIZE D	ENLIGHT PACKAGED ELECTRIC 25-30 TON	15	11	52
IV	LENNOX	BOX SIZE E	EMERGENCE ROOFTOP UNITS	36	11	94

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86488 CA# 9885


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3. SEE GENERAL NOTE #5 FOR STRAP MINIMUM SPECIFICATIONS.

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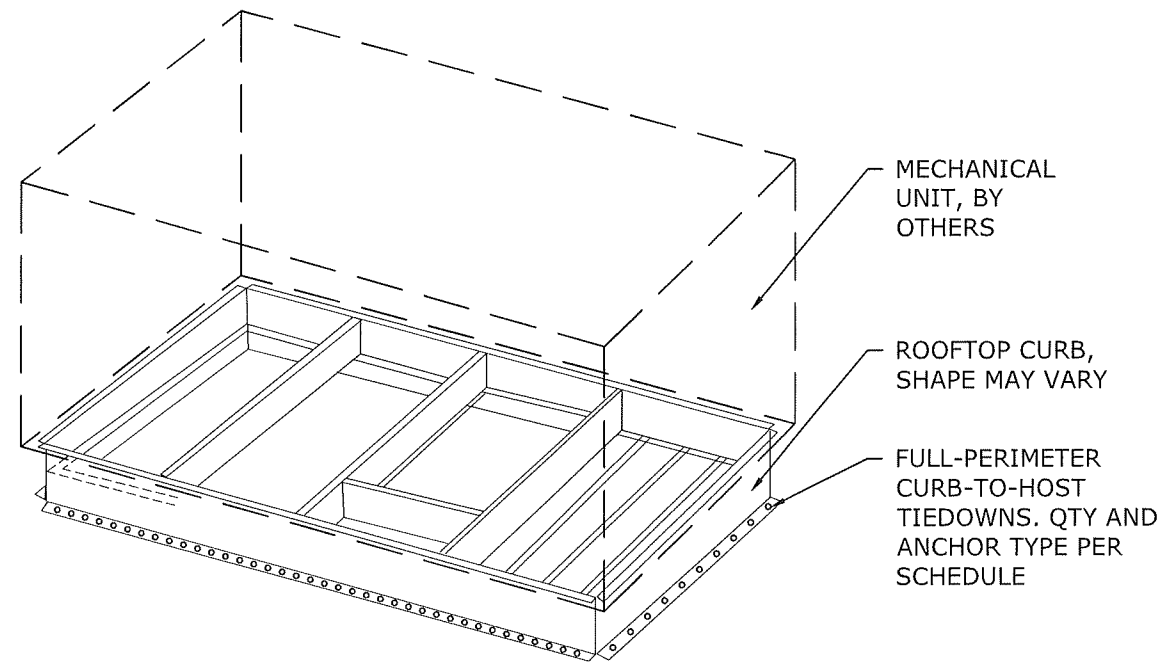
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