



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](http://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 20 of 20, dated 02/15/2025, with revision dated 10/29/2025, prepared by Engineering Express, signed and sealed by Richard Neet, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration 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 **revises** **NOA # 25-0410.04** 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.**



12/03/25

NOA No. 25-1117.01  
Expiration Date: July 10, 2030  
Approval Date: December 11, 2025  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. Evidence submitted under NOA # 25-0410.04 and new**

**A. DRAWINGS**

1. Drawing No. **24-82376**, titled “Airsouth Commercial Units Curbs”, sheets 1 through 20 of 20, dated 02/15/2025, with revision dated 10/29/2025, prepared by Engineering Express, signed and sealed by Richard Neet, P.E.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. Curb clip calculations, prepared by Engineering Express, dated 11/05/2025, signed and sealed by Richard Neet, P.E.
2. 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 8<sup>th</sup> edition (2023) of the FBC, issued by Engineering Express, dated 11/05/2025, signed and sealed by Richard Neet, P.E.
2. Statement letter of no financial interest, issued by Engineering Express, dated 11/05/2025, signed and sealed by Richard Neet, P.E.



---

**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 25-1117.01**  
**Expiration Date: July 10, 2030**  
**Approval Date: December 11, 2025**

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cat\6 - 24-82376g noa dwg.dwg

# AIRSOUTH AIR PRODUCTS, LLC

NOT RATED FOR MISSILE IMPACT RESISTANCE

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

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.

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 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 BE WELDED 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 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.

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.

26. DIMENSIONS ARE SHOWN TO ILLUSTRATE DESIGN FORCES AND OTHER DESIGN CRITERIA. THEY MAY VARY SLIGHTLY, BUT MUST REMAIN WITHIN THE LIMITATIONS SPECIFIED HEREIN. WORK SHALL BE FIELD VERIFIED BY OTHERS.

27. ENGINEERING EXPRESS SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO REEVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS AND FABRICATION AND INSTALLATION OF MATERIALS.

28. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.

| <b><u>PAGE INDEX</u></b>    |       |
|-----------------------------|-------|
| COVER PAGE                  | 01    |
| CURB & UNIT MODEL SUMMARY   | 02    |
| CARRIER CURB SPECIFICATIONS | 03-08 |
| LENNOX CURB SPECIFICATIONS  | 09-13 |
| TRANE CURB SPECIFICATIONS   | 14-16 |
| UNIT-TO-CURB TIEDOWNS       | 17-19 |
| CURB-TO-HOST TIEDOWNS       | 20    |

THE FOLLOWING ABBREVIATIONS MAY APPEAR IN THIS APPROVAL:

CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

~~OCTOBER 31, 2025~~

By   
Miami-Dade Product Control

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.

**EX** ENGINEERING  
EXPRESS®

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

**AIR SOUTH AIR PRODUCTS, LLC**  
1055 E 35TH STREET

11055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

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

| REMARKS                 | DRWN | CHKD  | DATE     |
|-------------------------|------|-------|----------|
|                         | MRT  | ER/RN | 02/18/25 |
| N/A REV(CURB CLIP, ETC) | EPR  | RWN   | 10/29/25 |
|                         |      | X     | X        |
|                         |      | X     | X        |
|                         |      | X     | X        |

**SCALE: NTS UNLESS NOTED**

01 OF 20

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

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

[illegible]

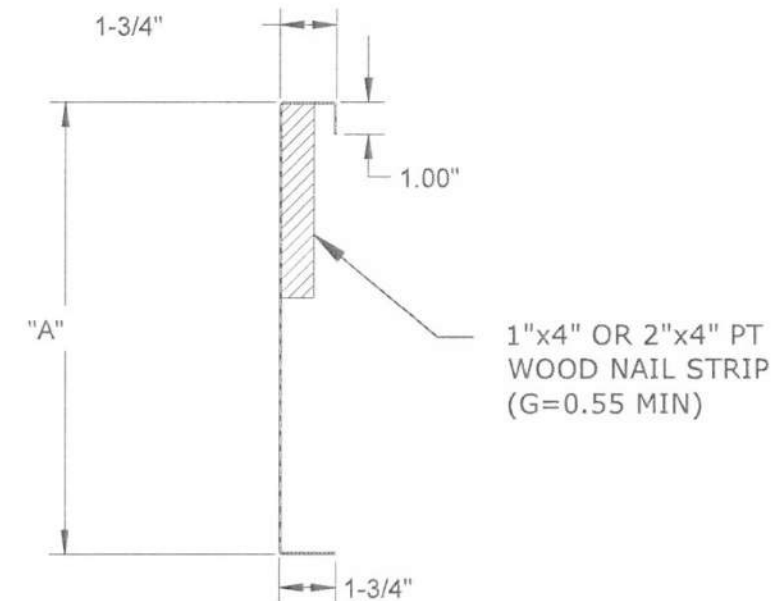
10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa dwg.dwg

~~OCTOBER 31, 2025~~

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

FL

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



SECTION E-E



## MULTIPLE VIEWS

| REMARKS                  |     | DRWN   | CHKD | DATE     |
|--------------------------|-----|--------|------|----------|
| INT ISSUE                | MRT | EPR/RN | RWN  | 02/18/25 |
| NOA REV (CURB CLIP, ETC) | EPR |        |      | 10/29/25 |
| x                        | x   | x      | x    | x        |
|                          |     |        |      |          |
| x                        | x   | x      | x    | x        |
|                          |     |        |      |          |
|                          |     |        |      |          |
|                          |     |        |      |          |
|                          |     |        |      |          |

COPYRIGHT ENGINEERING EXPRESS®

24-82376

SCALE: NTS UNLESS NOTED

03

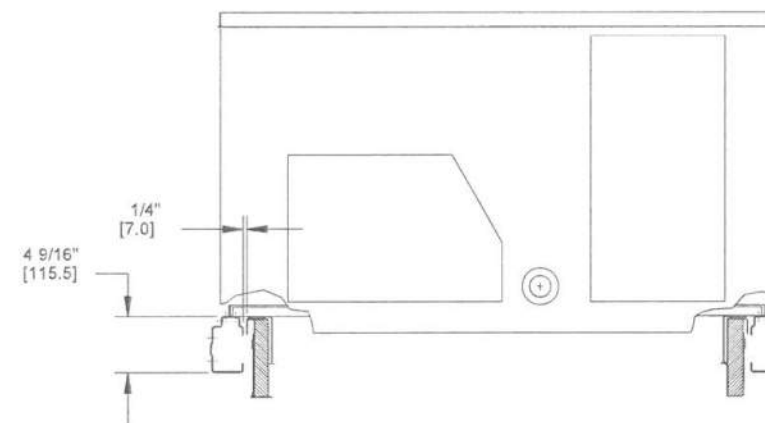
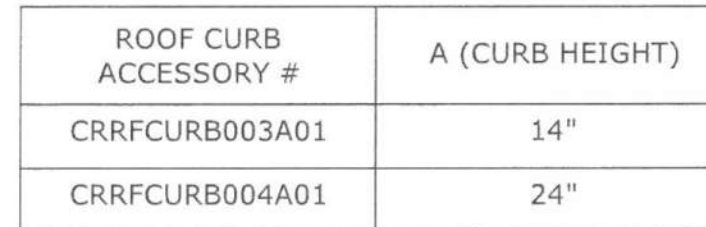
20 |

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa.dwg.dwg

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

OCTOBER 31, 2025

FL



UNIT BASE RAIL, TYP.

|                                                                                                                                                          |                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>AIRSOUTH AIR PRODUCTS, LLC</b><br/>         1055 E 35TH STREET<br/>         HIALEAH, FL 33013<br/>         (305) 8289-400</p>                      | <p><b>ENGINEERING<br/>EXPRESS®</b></p> <p>POSTAL ADDRESS:<br/>         2234 NORTH FEDERAL HWY #7664<br/>         BOCA RATON, FL 33431<br/>         ENGINEERINGEXPRESS.COM</p> |
| <p>AIRSOUTH COMMERCIAL UNITS CURBS<br/>         FLORIDA BUILDING CODE EIGHTH EDITION (2023<br/>         MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)</p> |                                                                                                                                                                               |

[illegible]

COPYRIGHT ENGINEERING EXPRESS®

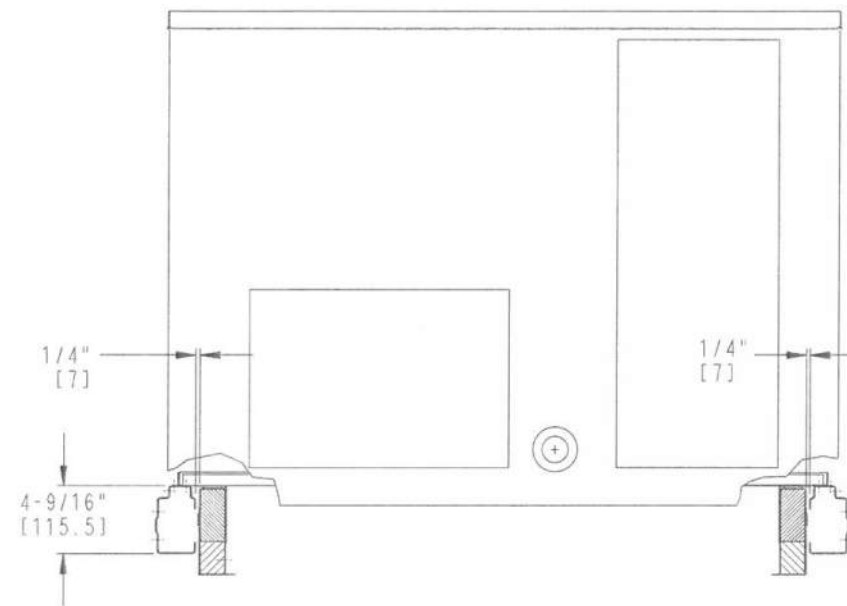
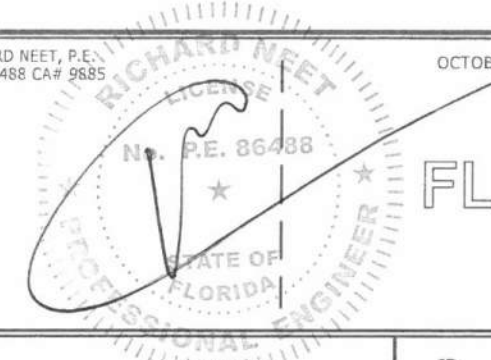
24-82376

SCALE: NTS UNLESS NOTED

04 20

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa.dwg.dwg

OCTOBER 31, 2025



By   
Miami-Dade Product Control

1"x4" OR 2"x4" PT  
WOOD NAIL STRIP,  
TYP. (G=0.55 MIN)



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

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

[illegible]

COPYRIGHT ENGINEERING EXPRESS®

24-82376

**SCALE: NTS UNLESS NOTED**

05

20

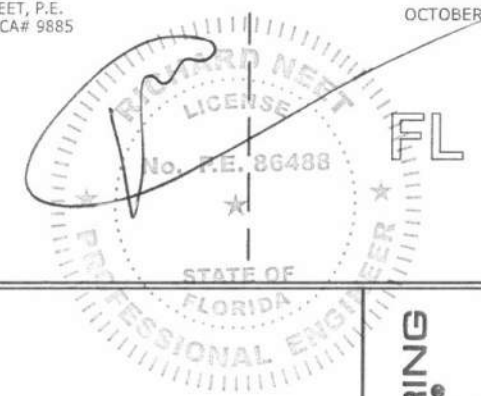
CARRIER  
WEATHERMAKER SINGLE PKG ROOFTOP CURB / UNIT-CURB GROUP I

## MULTIPLE VIEWS

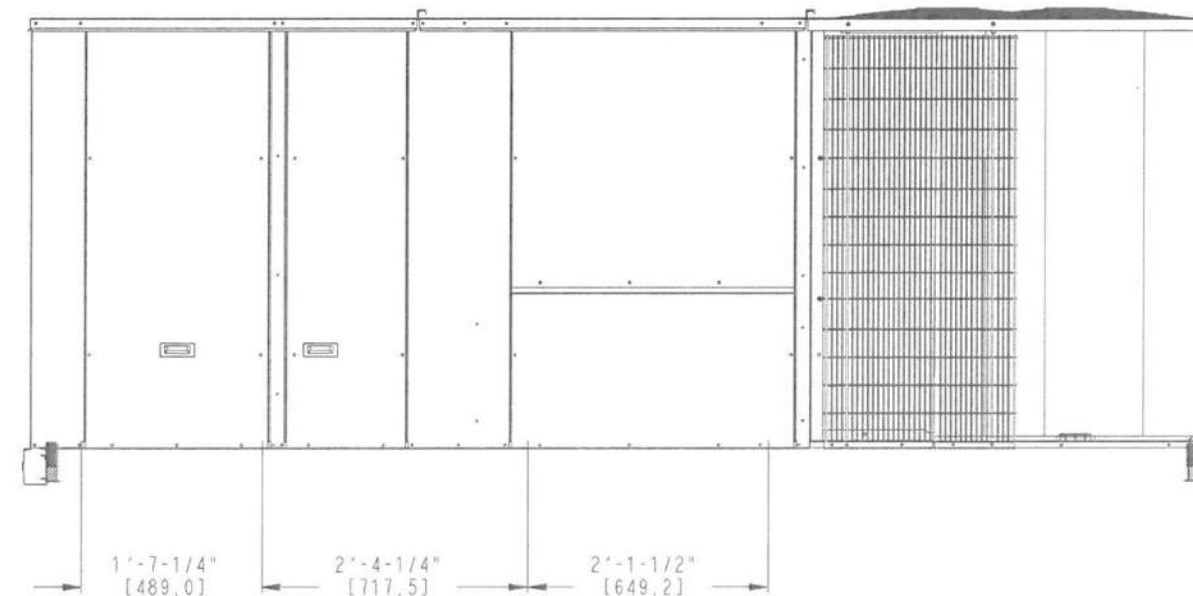
10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa dwg.dwg

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

~~OCTOBER 31, 2025~~



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



DETAIL B  
TYP BOTH ENDS



AIRSOUTH AIR PRODUCTS, LLC  
1055 E 35TH STREET

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

| REMARKS                  | DRWN | CHKD  | DATE     |
|--------------------------|------|-------|----------|
| INT ISSUE                | MRT  | ER/RN | 02/18/25 |
| NMA REV (CURE CLIP, ETC) | EPR  | RWN   | 10/29/25 |
| .                        | .    | .     | .        |
| .                        | .    | .     | .        |
| .                        | .    | .     | .        |
| .                        | .    | .     | .        |
| .                        | .    | .     | .        |

COPYRIGHT ENGINEERING EXPRESS®

24-82376

SCALE: NTS UNLESS NOTED

06

20

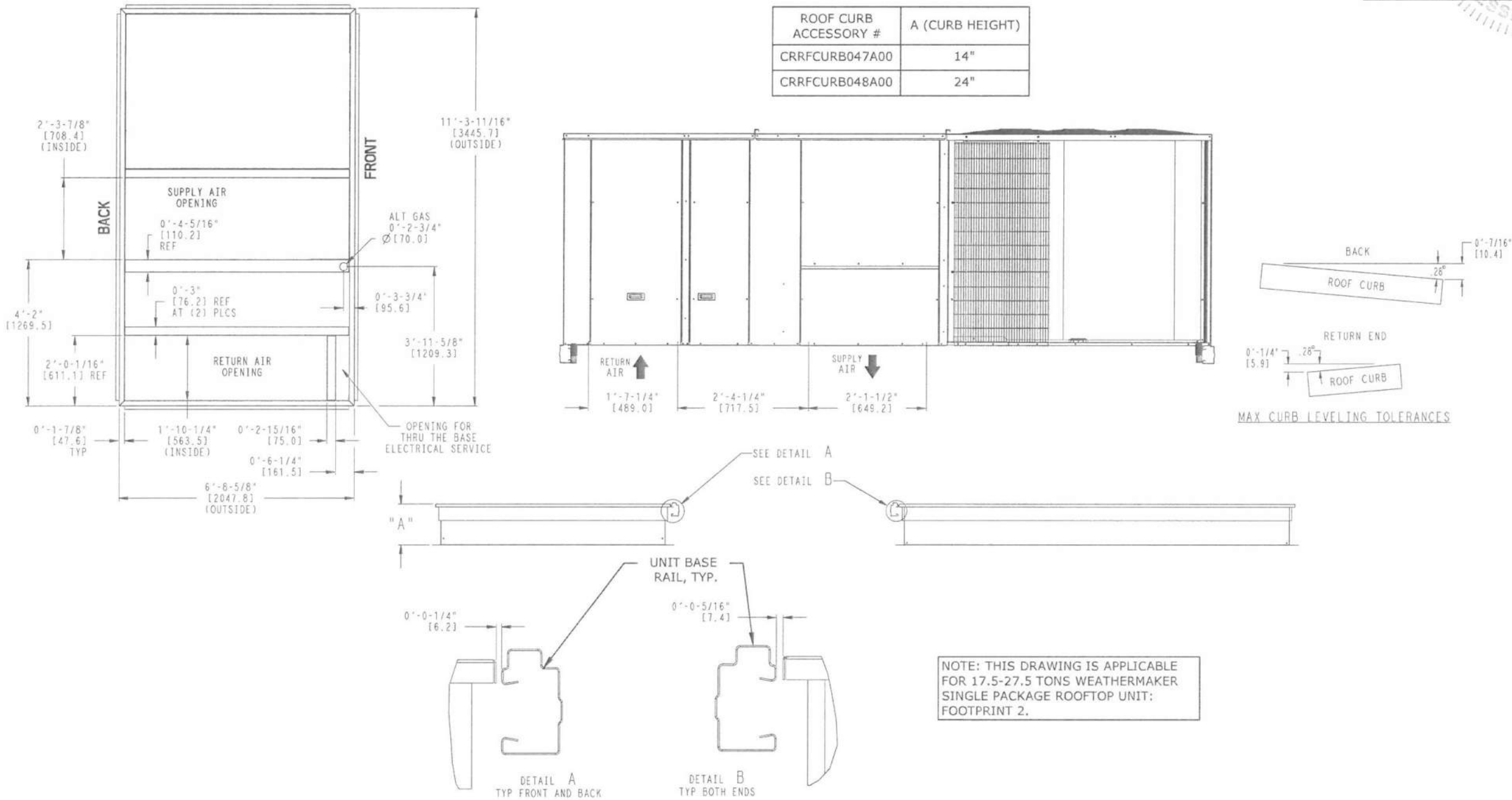
CARRIER CURBS SPECIFICATIONS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 25-1117.01  
Expiration Date 07/10/2030  
By [Signature]  
Miami-Dade Product Control

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

FL

OCTOBER 31, 2025



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

AIRSOUTH AIR PRODUCTS, LLC  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400  
AIRSOUTH COMMERCIAL UNITS CURBS  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

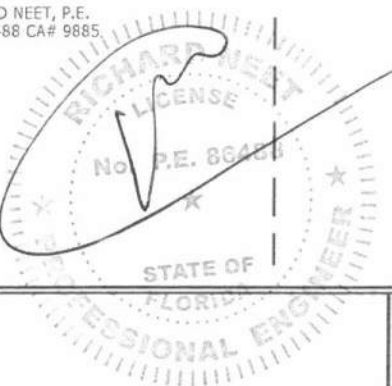
| REMARKS                  | DRWN | CHKD  | DATE     |
|--------------------------|------|-------|----------|
| INT ISSUE                | MRT  | ER/RN | 02/19/25 |
| NOA REV (CURB CLIP, ETC) | EPR  | RWN   | 10/29/25 |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-124-82376 air south curbs performance evaluation & noa\work\boa\drawings & cad\6 - 24-82376g noa dwg.dwg

CARRIER CURBS SPECIFICATIONS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 25-1117.01  
Expiration Date 07/10/2030  
By Miami-Dade Product Control

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



FL

OCTOBER 31, 2025

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

AIRSOUTH AIR PRODUCTS, LLC  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400  
AIRSOUTH COMMERCIAL UNITS CURBS  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

| REMARKS                  | DRWN  | CHKD     | DATE |
|--------------------------|-------|----------|------|
| INT ISSUE                | ER/RN | 02/18/25 |      |
| NOA REV (CURB CLIP, ETC) | RWN   | 10/29/25 |      |
|                          |       |          |      |
|                          |       |          |      |
|                          |       |          |      |
|                          |       |          |      |
|                          |       |          |      |
|                          |       |          |      |
|                          |       |          |      |

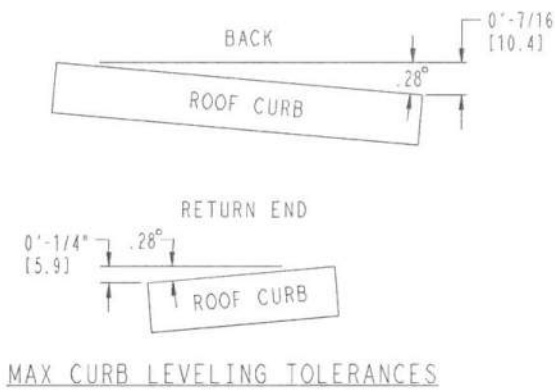
COPYRIGHT ENGINEERING EXPRESS®

24-82376

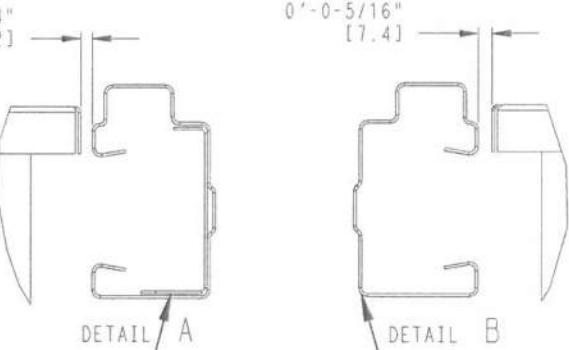
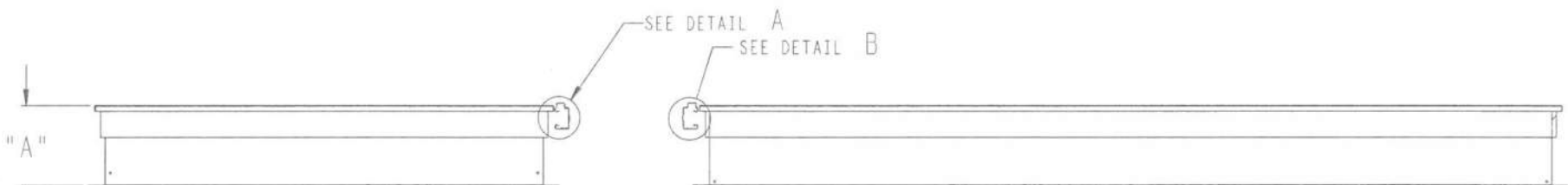
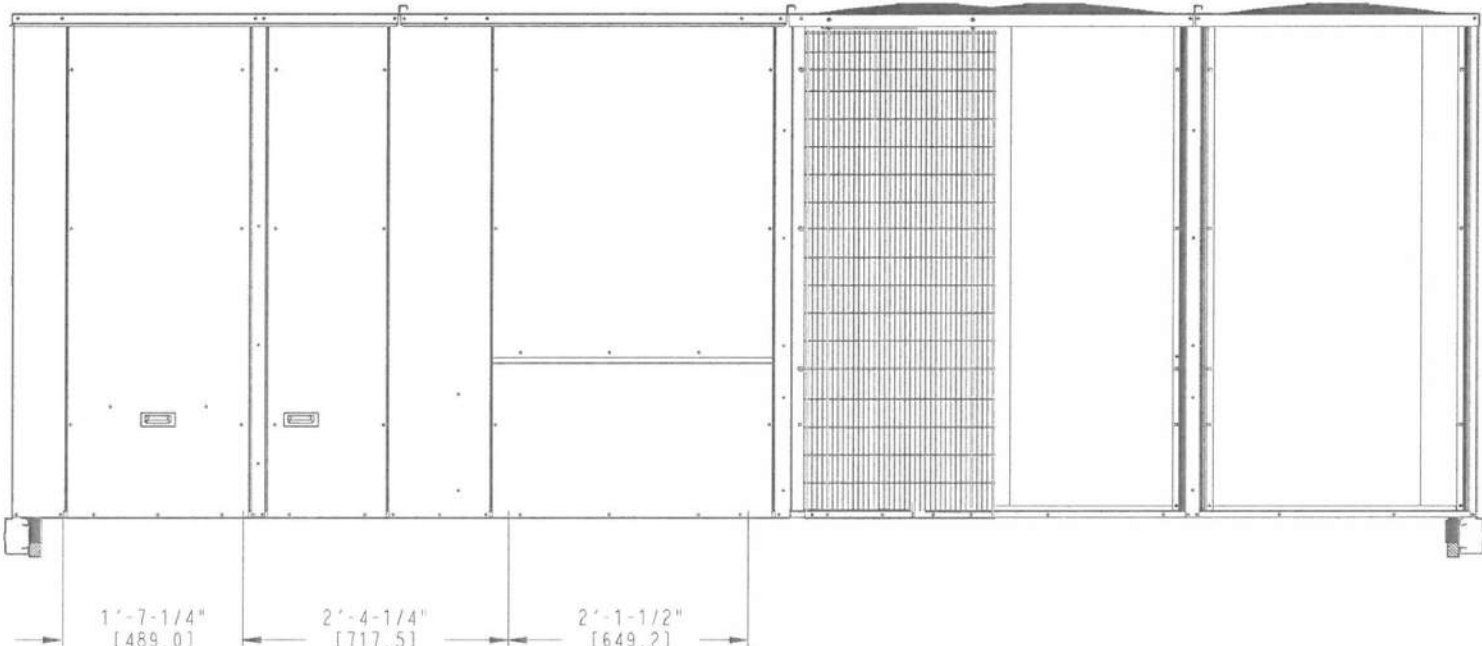
SCALE: NTS UNLESS NOTED

08

20



| ROOF CURB<br>ACCESSORY # | A (CURB HEIGHT) |
|--------------------------|-----------------|
| CRRFCURB049A00           | 14"             |
| CRRFCURB050A00           | 24"             |



NOTE: THIS DRAWING IS APPLICABLE  
FOR 17.5-27.5 TONS WEATHERMAKER  
SINGLE PACKAGE ROOFTOP UNIT:  
FOOTPRINT 3.

CARRIER  
WEATHERMAKER SINGLE PKG ROOFTOP CURB / UNIT-CURB GROUP III  
NOT TO SCALE  
MULTIPLE VIEWS

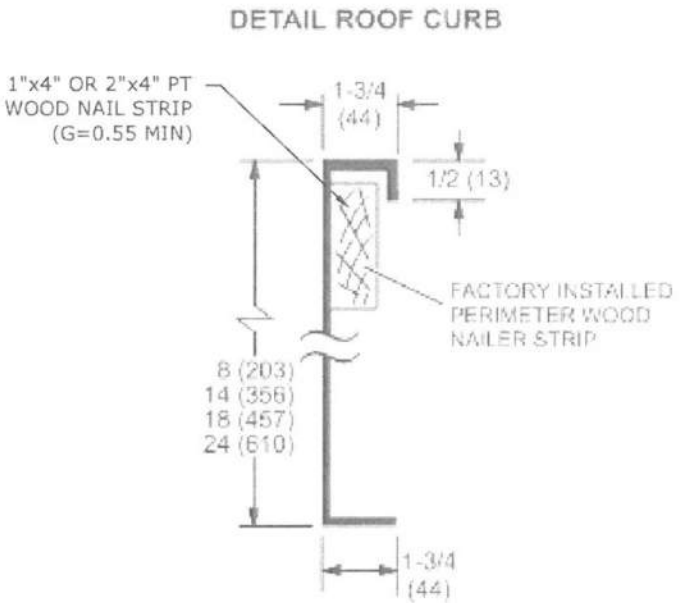
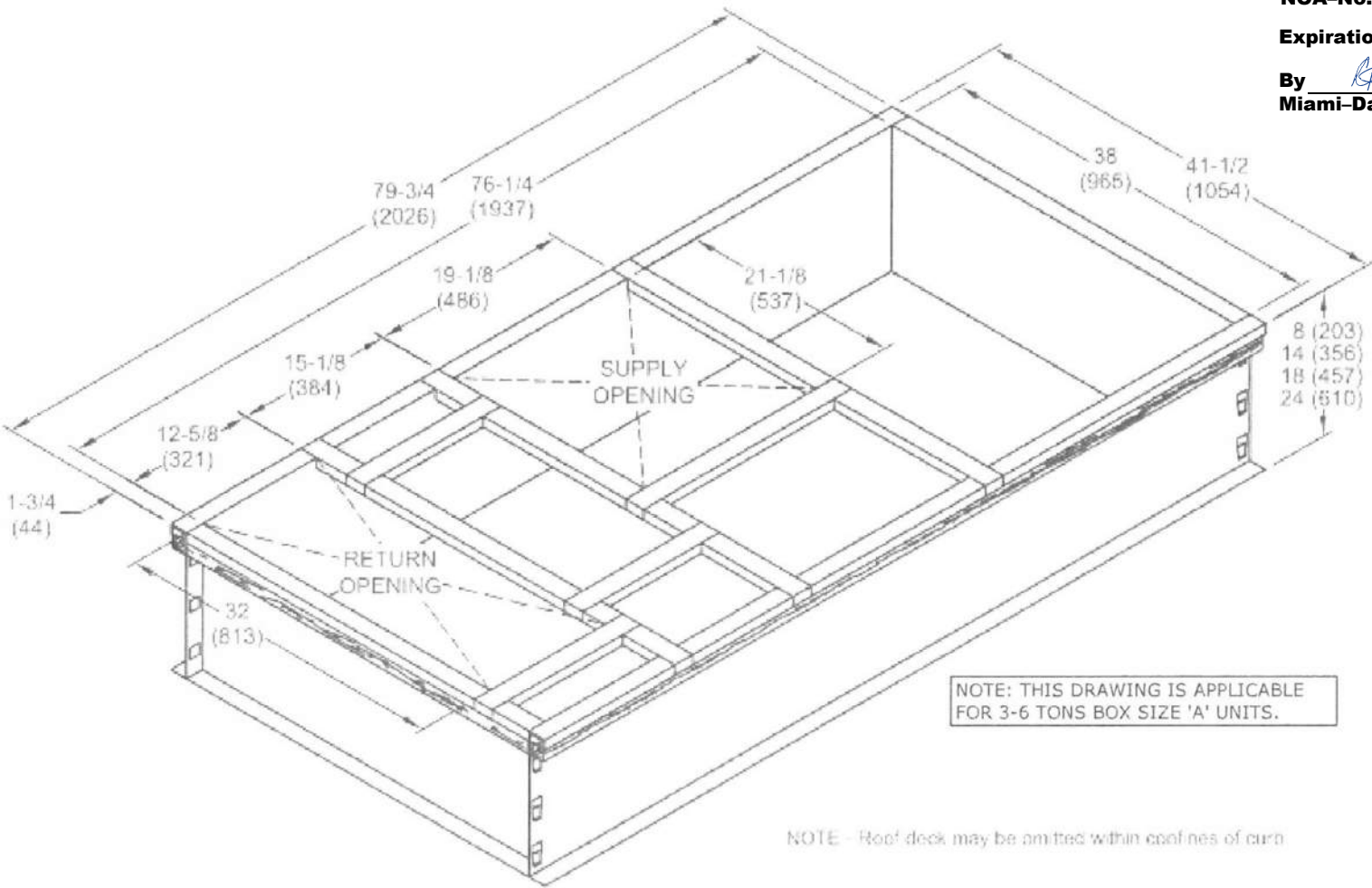
LENNOX CURBS SPECIFICATIONS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 25-1117.01  
Expiration Date 07/10/2030  
By [Signature]  
Miami-Dade Product Control

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

OCTOBER 31, 2025

FL



1  
09

LENNOX  
BOX SIZE 'A' / UNIT-CURB GROUP I  
NOT TO SCALE

MULTIPLE VIEWS

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

AIRSOUTH AIR PRODUCTS, LLC  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400  
AIRSOUTH COMMERCIAL UNITS CURBS  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

| REMARKS                  | DRWN | CHKD  | DATE     |
|--------------------------|------|-------|----------|
| INT ISSUE                | MRT  | ER/RN | 02/18/25 |
| NOA REV (CURB CLIP, ETC) | EPR  | RWN   | 10/29/25 |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |

24-82376

SCALE: NTS UNLESS NOTED

09

20

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-124-82376 air south curbs performance evaluation & noa\work\boa\drawings & cad\6 - 24-82376g noa dwg.dwg

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa.dwg, dwg

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

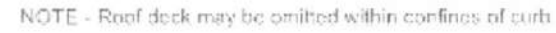
OCTOBER 31, 2025

No. P.E. 86488

FL

STATE OF FLORIDA

ENGINEER



### DETAIL ROOF CURB



**AIRSOUTH AIR PRODUCTS, LLC**  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

---

**AIRSOUTH COMMERCIAL UNITS CURBS**  
FLORIDA BUILDING CODE EIGHTH EDITION (2023  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

| REMARKS                  | DRWN | CHKD  | DATE     |
|--------------------------|------|-------|----------|
| INT ISSUE                | MRT  | ER/RN | 02/19/25 |
| NCA REV (CURB CLIP, ETC) | EPR  | RWN   | 10/29/25 |
|                          | x    |       | x        |
|                          | x    | x     | x        |
|                          | x    |       | x        |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |

COPYRIGHT ENGINEERING EXPRESS®

24-82376

**SCALE: NTS UNLESS NOTED**

10 20

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa dwg.dwg

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

OCTOBER 31, 2025

FL



**AIRSOUTH AIR PRODUCTS, LLC**  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

---

**AIRSOUTH COMMERCIAL UNITS CURBS**  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

| REMARKS | DRWN | CHKD  | DATE     |
|---------|------|-------|----------|
|         |      |       |          |
|         | MRT  | ER/RN | 02/18/25 |
|         | EPR  | RWN   | 10/29/25 |
|         |      |       |          |
|         |      |       |          |

**SCALE: NTS UNLESS NOTED**

11 20

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cat\6 - 24-82376g noa dwg.dwg

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

OCTOBER 31, 2025

FL

STATE OF FLORIDA

PROFESSIONAL ENGINEER

7664

9885

[illegible]

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa dwg.dwg

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

OCTOBER 31, 2025

FL



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

AIRSOUTH AIR PRODUCTS, LLC

1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

---

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

| REMARKS                  | DRWN |     | CHKD | DATE     |
|--------------------------|------|-----|------|----------|
|                          | MRT  | EPR | RWN  |          |
| INT ISSUE                |      |     |      | 02/18/25 |
| NDA REV (CURB CLIP, ETC) |      |     |      | 10/29/25 |
|                          |      |     |      |          |
|                          |      |     |      |          |
|                          |      |     |      |          |
|                          |      |     |      |          |

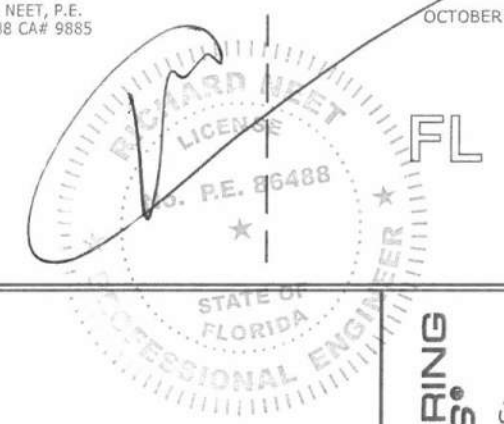
24-82376

**SCALE: NTS UNLESS NOTED**

13 20

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cat\6 - 24-82376g noa dwg.dwg

OCTOBER 31, 2025



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

AIRSOUTH AIR PRODUCTS, LLC

11055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

(305) 8289-400

---

AIRSOUTH COMMERCIAL UNITS CURBS

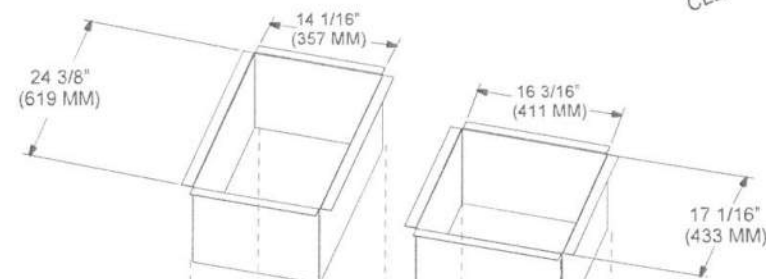
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NO

[illegible]

24-82376

SCALE: NTS UNLESS NOTED

14 20

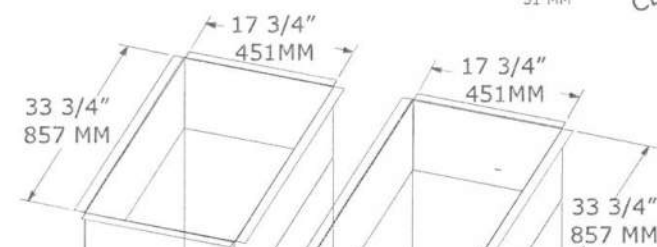


TRANE

## A.0 CABINET UNITS ROOFTOP CURB / UNIT-CURB GROUP I

NOT TO SCALE

## MULTIPLE VIEWS



TRANE

B.0 CABINET UNITS ROOFTOP CURB / UNIT-CURB GROUP I

NOT TO SCALE

## MULTIPLE VIEWS

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa.dwg.dwg

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

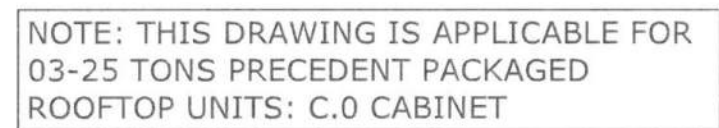
OCTOBER 31, 2025

FL

**AIRSOUTH AIR PRODUCTS, LLC**  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

---

AIRSOUTH COMMERCIAL UNITS CURBS  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOAC)

[illegible]

10/31/2025 4:14 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\ noa\drawings & cad\6 - 24-82376g noa.dwg.dwg

RICHARD NEET, P.E.  
PE# 86488 CA# 9685

OCTOBER 31, 2025

FL



|                                                                                                                                         |                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>AIRSOUTH AIR PRODUCTS, LLC</b></p> <p>1055 E 35TH STREET<br/>HIALEAH, FL 33013<br/>(305) 8289-400</p>                             | <p><b>ENGINEERING<br/>EXPRESS®</b></p> <p>POSTAL ADDRESS:<br/>2234 NORTH FEDERAL HWY #7664<br/>BOCA RATON, FL 33431<br/>ENGINEERINGEXPRESS.COM</p> |
| <p>AIRSOUTH COMMERCIAL UNITS CURBS<br/>FLORIDA BUILDING CODE EIGHTH EDITION (2023)<br/>MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)</p> |                                                                                                                                                    |

[illegible]

24-82376

SCALE: NTS UNLESS NOTED

16

OF 20

10/31/2025 4:15 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & rad\6 - 24-82376g noa.dwg.dwg

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

OCTOBER 31, 2025

FL



24-82376

SCALE: NTS UNLESS NOTED

17

OF 20

UNIT-TO-CURB TIEDOWN SPECIFICATIONS: CURB CLIP METHOD

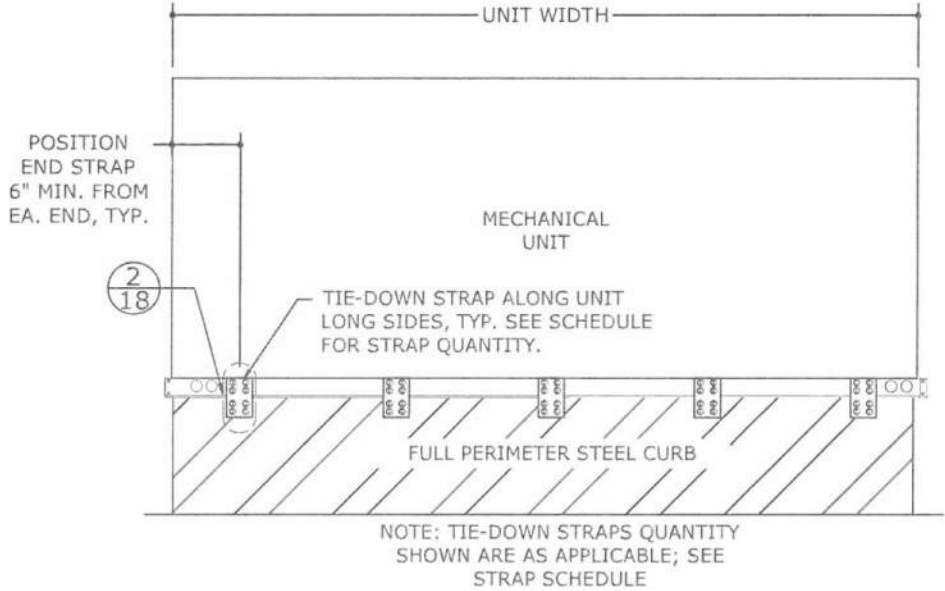
PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 25-1117.01  
Expiration Date 07/10/2030  
By *[Signature]*  
Miami-Dade Product Control

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

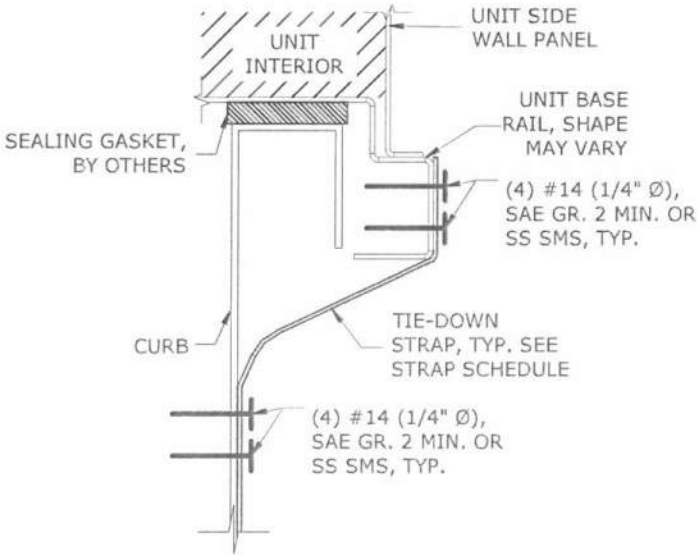
FL

STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

OCTOBER 31, 2025



1 UNIT ATTACHMENT TO CURB, TYP.  
18 NOT TO SCALE ELEVATION VIEW



2 TIE-DOWN STRAP ATTACHMENT TO CURB, TYP.  
18 NOT TO SCALE SECTION VIEW

| Strap Schedule  |                                         |                                |
|-----------------|-----------------------------------------|--------------------------------|
| Unit-Curb Group | Max. ASD Wind Pressure Lateral (Uplift) | # of Straps per Unit Long Side |
| I               | ±80psf (64psf)                          | 5                              |
|                 | ±122psf (96psf)                         | 7                              |
| II              | ±80psf (64psf)                          | 5                              |
|                 | ±122psf (96psf)                         | 7                              |
| III             | ±80psf (64psf)                          | 7                              |
|                 | ±122psf (96psf)                         | 10                             |
| IV              | ±80psf (64psf)                          | 12                             |
|                 | ±122psf (96psf)                         | 20                             |

- DETAIL 2/18 NOTES:
- BASE RAIL SHAPE MAY VARY; SEE MANUFACTURER DOCUMENTATION FOR ACTUAL BASE RAIL SHAPE.
  - INSTALLER SHALL ENSURE THE DRILLED HOLE IS SLIGHTLY SMALLER IN DIAMETER THAN THE THREADED FASTENER'S MAJOR DIAMETER, SUCH THAT THREAD ENGAGEMENT WITH THE MATERIALS IN CONTACT IS GUARANTEED.
  - SEE GENERAL NOTE #5 FOR STRAP MINIMUM SPECIFICATIONS.

ENGINEERING  
EXPRESS®

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

AIRSOUTH AIR PRODUCTS, LLC

1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

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

REMARKS

INT ISSUE  
NOA REV (CURB CLIP, ETC)

DRWN  
MRT

CHKD  
ER/RN  
RWN

DATE  
02/18/25  
10/29/25

COPYRIGHT ENGINEERING EXPRESS®

24-82376

SCALE: NTS UNLESS NOTED

18 OF 20

UNIT-TO-CURB TIEDOWN SPECIFICATIONS: CURB CLIP METHOD

CURB CLIP DESIGN NOTES:

1.

CURB CLIPS SHALL BE 14 GA (0.0747") MN. THICK, ASTM A653 GR. 33 (YS = 33 ksi MIN. & UTS = 45 ksi MIN.) OR STRONGER GALV. STEEL. CURB CLIPS SHALL BE 6" WIDE, TYP.
2.

CURB CLIPS SHALL BE SIZED TO FIT THE UNIT BASE RAIL IN QUESTION, SUCH THAT A 1/4" GAP OR LESS EXISTS BETWEEN THE FACES OF THE CURB CLIP AND UNIT BASE RAIL, TYP. SEE DETAILS 1/19 AND 3/19.  
  
(THIS IS TO LIMIT THE CAPACITY REDUCTION FROM SCREW BENDING). MINOR GAPS ARE EXPECTED TO FACILITATE UNIT PLACEMENT ON THE CURB CLIPS, BUT SHALL BE LIMITED PER THE ABOVE TO RETAIN CURB CLIP SCREW CAPACITIES.
3.

THE UNIT WEIGHT SHALL BE FULLY SUPPORTED/CARRIED BY THE CURB IN QUESTION, NOT BY THE CURB CLIPS. CURB CLIPS ARE DESIGNED TO RESIST THE UNIT OVERTURNING REACTIONS FROM WIND FORCES ONLY.
4.

CURB CLIP FLANGE ATTACHING TO THE UNIT IS PERMITTED TO BE BENT/BOWED OUTWARDS TO HELP FACILITATE UNIT PLACEMENT. OUTWARD BOW CONTRIBUTES TO THE 1/4" GAP LIMITATION FOR SCREW BENDING; IT IS SUGGESTED THAT THIS FLANGE BE BENT INWARDS TO HELP REDUCE THE GAP FOR SCREW BENDING.
5.

CURB CLIP SCREW LENGTHS SHALL BE SUFFICIENTLY LONG ENOUGH TO PROVIDE (3) PITCHES MIN. BEYOND THE CONNECTION THREAD PLANE, TYP.
6.

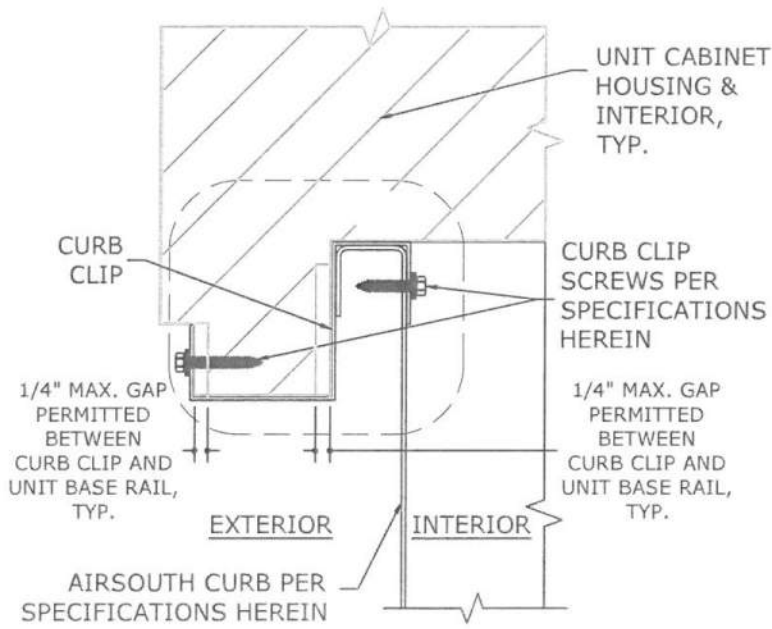
IT IS EXPECTED THAT THE CURB CLIPS SHALL BE FASTENED TO THE CURB FIRST, WITH UNIT PLACEMENT ONTO THE CURB CLIPS SECOND. CURB CLIPS SHALL BE POSITIONED SUCH THAT ALL CONNECTING SCREWS FULLY ENGAGE WITH THE UNIT BASE RAIL/CURB. IF SCREW HOLES ARE PRE-DRILLED, ENSURE CURB CLIPS ARE POSITIONED SUCH THAT SCREWS NOT BE LOCATED OVER ANY OPENINGS IN THE UNIT BASE RAIL (e.g. FORKLIFT SLOTS, LIFTING LUGS, DRAIN HOLES, GAS OUTLETS, ETC).
7.

POSITION CURB CLIPS EVENLY SPACED AS MUCH AS IS FEASIBLE ALONG EACH CURB SIDE, ENSURING PLACEMENT PERMITS SCREW ATTACHMENT. PROVIDE 1" MIN. SEPARATION BETWEEN CURB CLIP AND ANY OPENING IN THE UNIT BASE RAIL, TYP.
8.

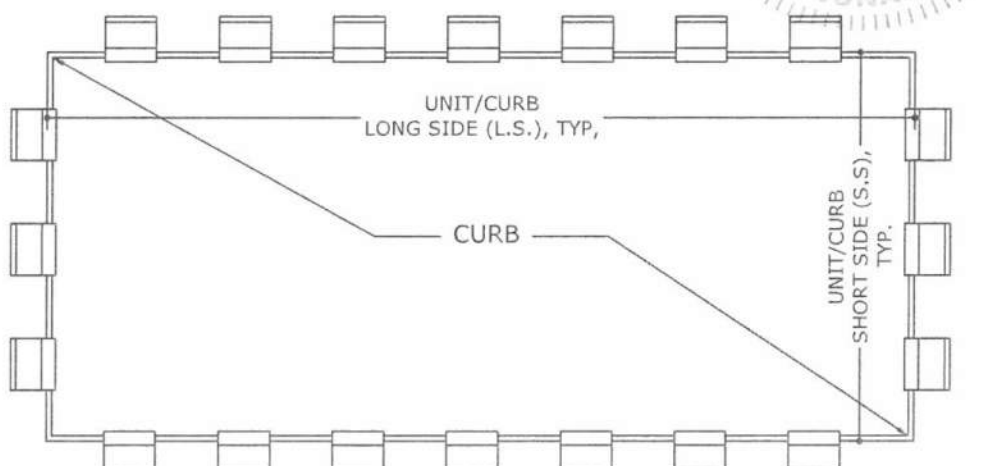
ENSURE THE BRACKET IS ORIENTED CORRECTLY PER THE DETAILS/SPECIFICATIONS HEREIN. ENSURE ALL SCREWS ENGAGE FULLY WITH THE UNIT BASE RAIL AND CURB, TYP. CURB CLIP SCREW LENGTHS SHALL BE SUFFICIENTLY LONG ENOUGH TO PROVIDE (5) PITCHES MIN. BEYOND THE CONNECTION THREAD PLANE, TYP.
9.

SEE CURB CLIP MOUNT SCHEDULE AND NOTES FOR ADDITIONAL SPECIFICATIONS.
10.

UNIT BASE RAIL, CURB, CURB CLIP, AND SCREWS DEPICTED IN THE DETAILS ON THIS PAGE ARE FOR ILLUSTRATIVE PURPOSES ONLY AND MAY VARY IN APPEARANCE. SEE SPECIFICATIONS HEREIN. SEE UNIT MANUFACTURER FOR UNIT BASE RAIL CROSS-SECTION AND ADDITIONAL INFORMATION.



1 UNIT ATTACHMENT TO CURB, TYP. ELEVATION VIEW NOT TO SCALE

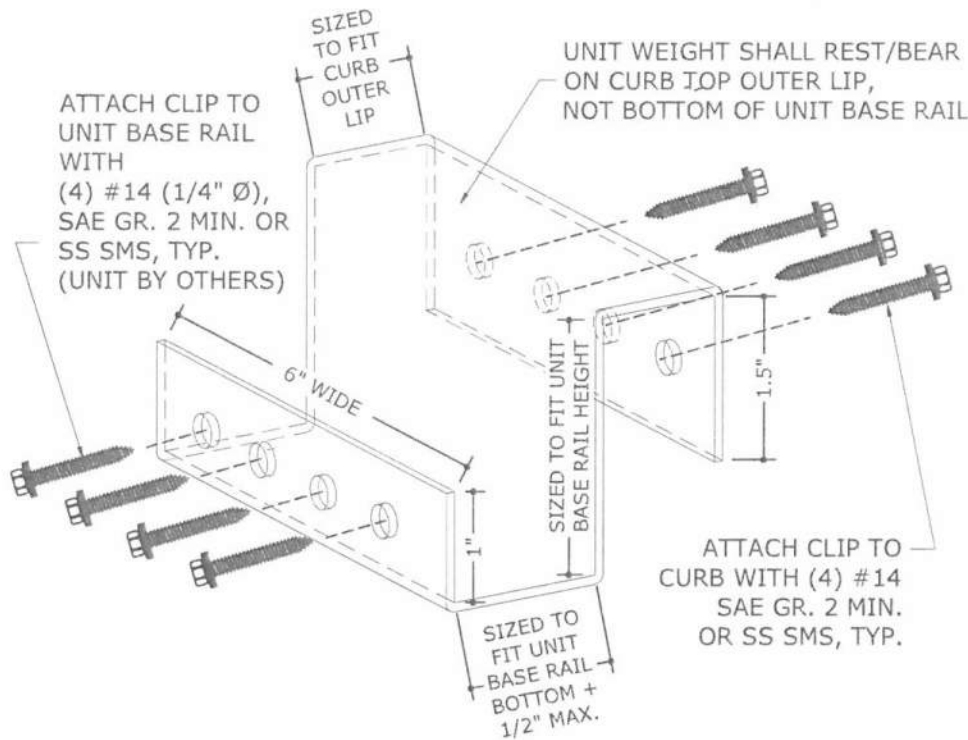


2 SAMPLE CURB CLIP LAYOUT, TYP. ELEVATION VIEW NOT TO SCALE

CURB CLIP SCHEDULE

| Unit-Curb Group | Max. ASD Wind Pressures Lateral (Uplift) | Curb Clip Qty Required |                 |            |
|-----------------|------------------------------------------|------------------------|-----------------|------------|
|                 |                                          | # per Curb S.S.        | # per Curb L.S. | # in Total |
| I               | ± 80 psf (64 psf)                        | 3                      | 4               | 14         |
|                 | ± 122 psf (96 psf)                       | 3                      | 5               | 16         |
| II              | ± 80 psf (64 psf)                        | 4                      | 5               | 18         |
|                 | ± 122 psf (96 psf)                       | 5                      | 6               | 22         |
| III             | ± 80 psf (64 psf)                        | 4                      | 6               | 20         |
|                 | ± 122 psf (96 psf)                       | 4                      | 7               | 22         |
| IV              | ± 80 psf (64 psf)                        | 4                      | 6               | 20         |
|                 | ± 122 psf (96 psf)                       | 4                      | 7               | 22         |

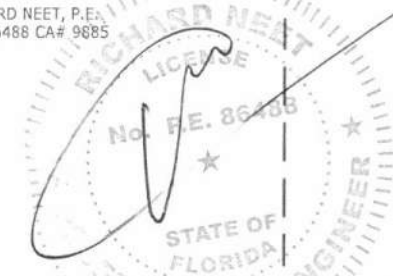
11.
- CURB CLIP SCREW HOLES SHALL BE 3/16" Ø (1/16" Ø LARGER THAN THE NOMINAL SCREW DIAMETER) TO GUARANTEE THREAD ENGAGEMENT WITH THE MATERIALS IN CONTACT. PROVIDE 1" MIN. SPACING BETWEEN HOLES AND 1/2" MIN. EDGE DISTANCE IN ALL DIRECTIONS, TYP. HOLES MAY BE PRE-DRILLED OR DRILLED IN THE FIELD.



3 SAMPLE CURB CLIP WITH SCREW ATTACHMENT DIRECTIVE, TYP. ISOMETRIC VIEW NOT TO SCALE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
NOA-No. 25-1117.01  
Expiration Date 07/10/2030  
By   
Miami-Dade Product Control

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



FL

OCTOBER 31, 2025

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

**AIRSOUTH AIR PRODUCTS, LLC**  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400  
AIRSOUTH COMMERCIAL UNITS CURBS  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

| REMARKS                  | DRWN | CHKD  | DATE     |
|--------------------------|------|-------|----------|
| INT ISSUE                | MRT  | ER/RN | 02/18/25 |
| NOA REV (CURB CLIP, ETC) | EP/R | RWN   | 10/29/25 |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |
|                          |      |       |          |

10/31/2025 4:15 PM ERICREITEI z:\shared\projects\24-124-82376 air south curbs performance evaluation & noa\work\boa\drawings & cad\6 - 24-82376g noa dwg.dwg

10/31/2025 4:15 PM ERICREITEI z:\shared\projects\24-\24-82376 air south curbs performance evaluation & noa\work\noa\drawings & cad\6 - 24-82376g noa.dwg.dwg

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

OCTOBER 31, 2025

FL

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



CURB TO HOST TIEDOWN SCHEDULE NOTES:

- ANCHORS SHALL BE AS FOLLOWS:
  - CONCRETE ANCHORS: 1/4" Ø ITW TAPCONS W/ 1-3/4" EMBEDMENT & 3" MIN. E.D.
  - WOOD ANCHORS: 3/8" Ø WOOD LAG SCREWS W/ 3" MIN. THREAD PENETRATION & 3/4" MIN. E.D.
  - STEEL ANCHORS: 1/4" Ø SAE GR 5 SMS's W/ 3/4" MIN. E.D.
- SEE GENERAL NOTE #12 FOR HOST STRUCTURE MINIMUM REQUIREMENTS.
- CORNER ANCHORS SHALL BE POSITIONED AT 6" MIN. FROM ANY CURB EDGE.

**AIRSOUTH AIR PRODUCTS, LLC**  
1055 E 35TH STREET  
HIALEAH, FL 33013  
(305) 8289-400

**AIRSOUTH COMMERCIAL UNITS CURBS**  
FLORIDA BUILDING CODE EIGHTH EDITION (2023)  
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

[illegible]

COPYRIGHT ENGINEERING EXPRESS<sup>®</sup>

24-82376

SCALE: NTS UNLESS NOTED

20

OF 20