



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

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

NOTICE OF ACCEPTANCE (NOA)

CDI-Custom Curb Adapters
6701 N Belt Line Road
Irving, TX 75063

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Steel Carrier Roof-Curb for Carrier Series Rooftop Units

APPROVAL DOCUMENT: Drawing No. PG, titled "NOA Carrier Curbs", sheets 1 through 4 of 4, prepared by CDI-Custom Curb Adapters, dated May 18, 2021, signed and sealed by Glenn Mouritzen, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each roof-curb shall bear a permanent label with the manufacturer's name or logo, Rock Hill, SC and the 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, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
09/02/2021

NOA No. 21-0526.04
Expiration Date: 09/02/2026
Approval Date: 09/02/2021
Page 1

CDI-Custom Curb Adapters

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. PG, titled "NOA Carrier Curbs", sheets 1 through 4 of 4, prepared by CDI-Custom Curb Adapters, dated May 18, 2021, signed and sealed by Glenn Mouritzen, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation titled "Structural Calculations for C2-00XX-****NOA Carrier Curbs", dated 05/18/2021, 37 sheets, signed & sealed by Glenn Mouritzen, P.E. on 05/18/2021.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

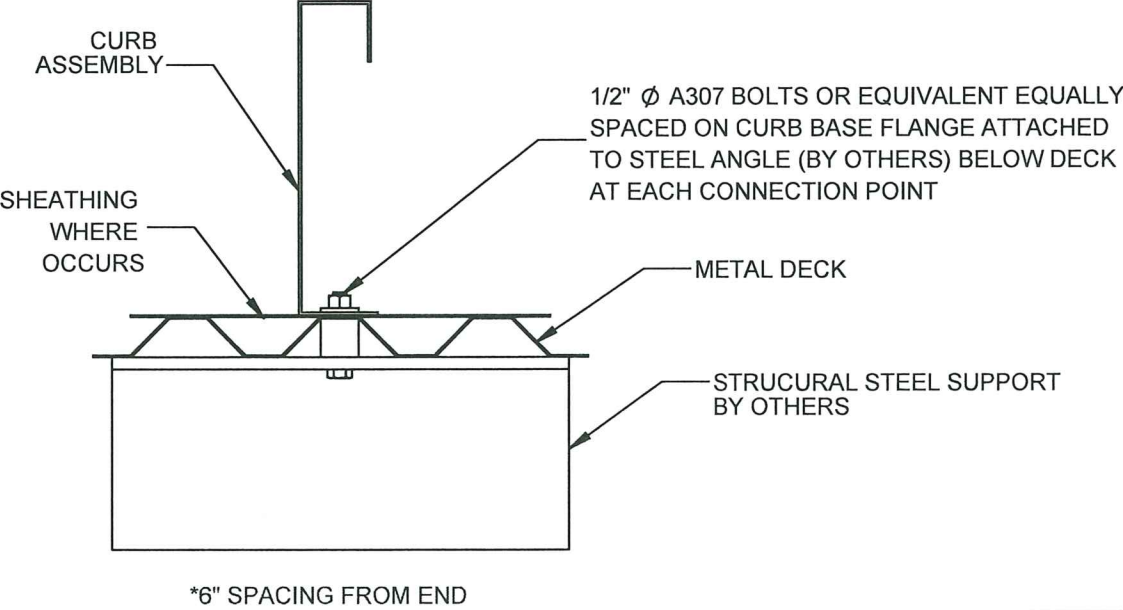
E. MATERIAL CERTIFICATIONS

1. *None.*



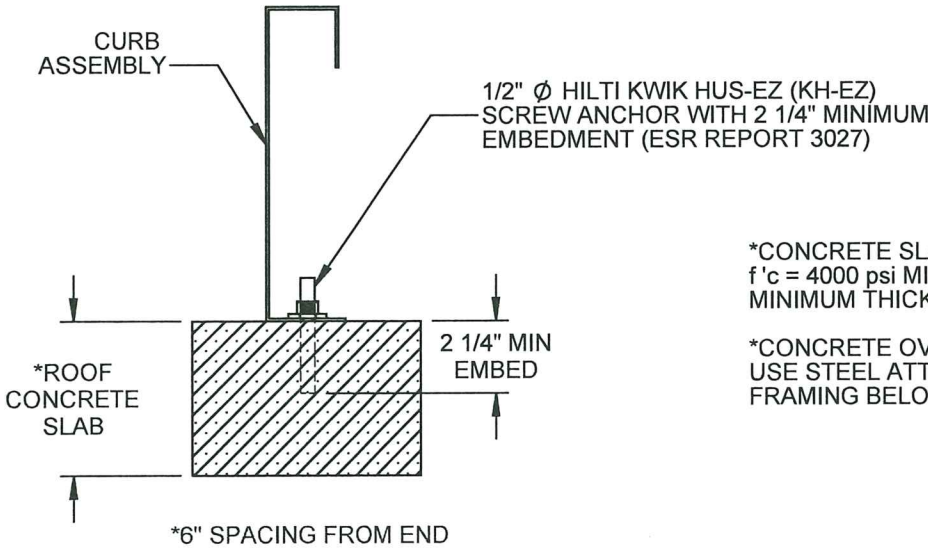
Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 21-0526.04
Expiration Date: 09/02/2026
Approval Date: 09/02/2021

STEEL ATTACHMENT



STEEL	LONG SIDE	SHORT SIDE
C2-00XX-4000 NOA	3 @ 29.44 in o.c.	2 @ 28.56 in o.c.
C2-00XX-4005 NOA	4 @ 23.25 in o.c.	2 @ 41.44 in o.c.
C2-00XX-4006 NOA	5 @ 24.31 in o.c.	2 @ 45.56 in o.c.
C2-00XX-4008 NOA	5 @ 24.31 in o.c.	2 @ 45.56 in o.c.
C2-00XX-4021 NOA	3 @ 17.03 in o.c.	2 @ 18.63 in o.c.
C2-00XX-4023 NOA	3 @ 17.03 in o.c.	2 @ 30.19 in o.c.
C2-00XX-4158 NOA	5 @ 30.92 in o.c.	2 @ 68.63 in o.c.
C2-00XX-4159 NOA	4 @ 36.54 in o.c.	2 @ 68.63 in o.c.

CONCRETE ATTACHMENT



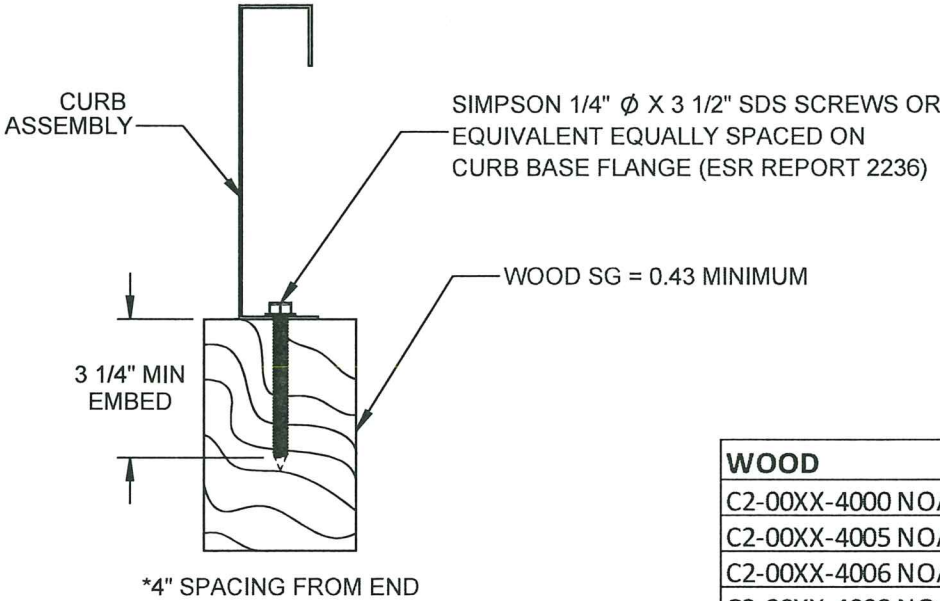
*CONCRETE SLAB:
f'c = 4000 psi MINIMUM NORMAL WEIGHT CONCRETE 5"
MINIMUM THICKNESS, 12" MINIMUM EDGE DISTANCE

*CONCRETE OVER METAL DECK:
USE STEEL ATTACHMENT CONNECTION TO STEEL
FRAMING BELOW DECK

CONCRETE	LONG SIDE	SHORT SIDE
C2-00XX-4000 NOA	4 @ 19.63 in o.c.	2 @ 28.56 in o.c.
C2-00XX-4005 NOA	5 @ 17.44 in o.c.	3 @ 20.72 in o.c.
C2-00XX-4006 NOA	6 @ 19.45 in o.c.	3 @ 22.78 in o.c.
C2-00XX-4008 NOA	6 @ 19.45 in o.c.	3 @ 22.78 in o.c.
C2-00XX-4021 NOA	4 @ 11.35 in o.c.	2 @ 18.63 in o.c.
C2-00XX-4023 NOA	3 @ 17.03 in o.c.	3 @ 15.09 in o.c.
C2-00XX-4158 NOA	6 @ 24.74 in o.c.	3 @ 34.31 in o.c.
C2-00XX-4159 NOA	5 @ 27.41 in o.c.	3 @ 34.31 in o.c.

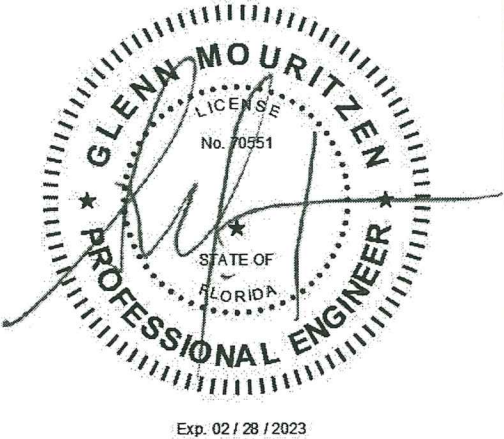
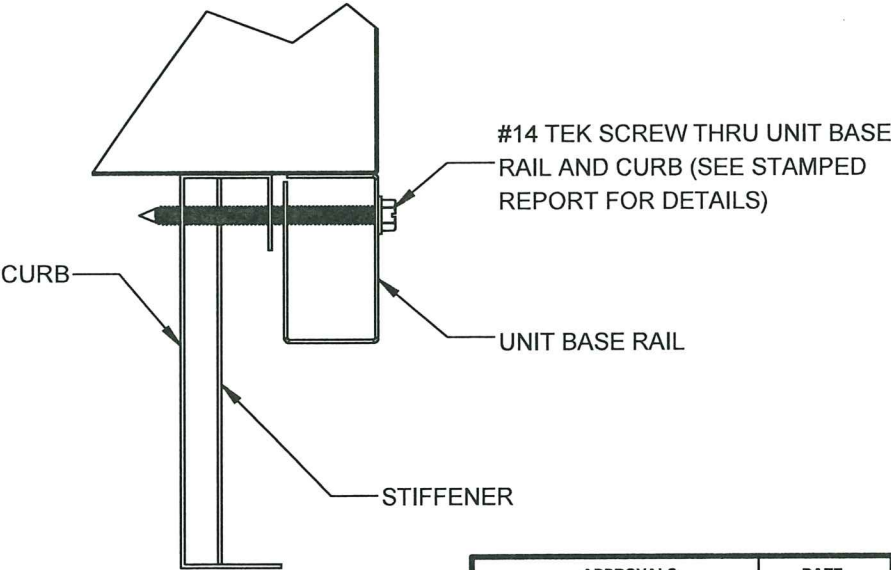
Approved as complying with the
Florida Building Code
Date 09/02/2021
NOA# 21-0526.04
Miami Dade Product Control
By Heidi A. Maher

WOOD ATTACHMENT



WOOD	LONG SIDE	SHORT SIDE
C2-00XX-4000 NOA	9 @ 7.86 in o.c.	4 @ 10.85 in o.c.
C2-00XX-4005 NOA	11 @ 7.38 in o.c.	5 @ 11.36 in o.c.
C2-00XX-4006 NOA	15 @ 7.23 in o.c.	7 @ 8.26 in o.c.
C2-00XX-4008 NOA	15 @ 7.23 in o.c.	7 @ 8.26 in o.c.
C2-00XX-4021 NOA	9 @ 4.76 in o.c.	4 @ 7.54 in o.c.
C2-00XX-4023 NOA	7 @ 6.34 in o.c.	6 @ 6.84 in o.c.
C2-00XX-4158 NOA	15 @ 9.12 in o.c.	7 @ 12.1 in o.c.
C2-00XX-4159 NOA	11 @ 11.36 in o.c.	7 @ 12.1 in o.c.

UNIT TO CURB ATTACHMENT



APPROVALS	DATE	TITLE/FILE NAME:
DRAWN: kjones	5/18/2021	CURB-ATTACHMENTS CARRIER
CHECKED:		
DIMENSIONS ARE AS FOLLOWS: 1.00 in (25.40 mm)		
DRAWING NO.: PG 1		REV: 1
SCALE: 1:25 SHEET: 1 OF 1		

3RD ANGLE PROJECTION

Contact us @ www.cdicurbs.com or 1-888-234-7001

OPTIONS:

MATERIAL: 16 ga. GAL STEEL

1X4 WOOD NAILER (UNDER TOP FLANGE)

NOA APPROVED CURB

DIMENSIONED AND TOLERENCED PER ANSI Y14.5M-1982

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	INITIAL DRAWING	4/14/21	KJ

DIMENSIONAL DATA								
UNIT MODEL	UNIT WEIGHT (lb)	CDI CURB NUMBER	A	B	C	D	E	F
48L/TC04-07, 50HC04-06, 50H/KCQ04-06, 50L/TC04-07, 50TCQ04-07, RGH036-060	438 - 942	C2-00XX-4000 NOA	70 7/8"	40 9/16"	22 1/8"	25 1/8"	15 3/4"	33 15/16"
48HC07-12, 50HCQ07-08, 48T/LC07-14, 50HC07-08, 50HCQ07-12, 50LC07, 50TCQ12, RGH072-120	710 - 1375	C2-00XX-4005 NOA	81 3/4"	53 7/16"	33 1/4"	36 1/4"	17 9/16"	41 15/16"
50HCQ012, 50TCQ14	1370 - 1870	C2-00XX-4006 NOA	109 1/4"	57 9/16"	37 3/16"	40 3/16"	27 11/16"	52 1/8"
48LC08-16, 50HC14-16, 48HCD14	1305 - 1898	C2-00XX-4008 NOA				40 1/2"	31 3/16"	

18GA DUCT BRACES

SUPPLY AIR

RETURN AIR

INSULATED COVER

16GA 4" X 3/4" STIFFENERS TWO (2) EACH SIDE

UNIT BASE RAIL

6" REF

STIFFENER

CURB

DETAIL B SCALE 1 : 4

#14 TEK SCREWS THRU UNIT BASERAIL, CURB, AND STIFFENERS

1 5/16" (TYP.)

1" (TYP.)

13/16" (TYP.)

SCREW SPACING THREE (3) FOR 4000, 4005, 4006, & 4008 AT ALL LONG SIDE STIFFENERS 4000 SHORT SIDE STIFFENERS

DETAIL A SCALE 1 : 6

SCREW SPACING FOUR (4) FOR 4005 AT SHORT SIDE STIFFENERS

DETAIL C SCALE 1 : 6

SCREW SPACING FIVE (5) FOR 4006 & 4008 AT SHORT SIDE STIFFENERS

DETAIL D SCALE 1 : 6

INSULATED COVER

SA

RA

2" (TYP.)

THIS BRACE IS FOR CDI 4006 ONLY

12" 4006 ONLY

1 3/4" (TYP.)

A O.D.

1 1/2" (TYP.)

2" (TYP.)

4" FROM I.D. (TYP.)

B O.D.

24" MAX WITH PITCH

Approved as complying with the Florida Building Code

Date 09/02/2021

NOA# 21-0526.04

Miami Dade Product Control

By H. A. Mohr

GLENN MOURITZEN

LICENSE No. 70551

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Exp. 02 / 28 / 2023

CURB DESIGNED TO MEET WIND LOAD REQUIREMENTS FOR 2017 AND 2020 FBC FLORIDA BUILDING CODE, NOA APPROVED

CURB DESIGNED FOR MAXIMUM WIND PRESSURE ±84.20 PSF

NOA APPROVED 4000, 4005, 4006, & 4008 ROOF CURB

CURB WEIGHT (LBS.)	APPROVALS	DATE	TITLE:
284.61 MAX	DRAWN: kjones		C2-00XX-4000 4005 4006 4008 NOA
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE: X ± 0.05 XX ± 0.03 XXX ± 0.01	CHECKED:	Tuesday, May 11, 2021 4:35:48 PM	
DIMENSIONS ARE AS FOLLOWS: 1.00 in (25.40 mm)	3RD ANGLE PROJECTION	CDI 17560 TYLER ST NW ELK RIVER, MN 55330 (763)391-7790 (763)391-7851	FILE NAME: C2-00XX-4000 4005 4006 4008 NOA DRAWING NO.: PG 2 SCALE: 1:32 SHEET: 1 OF 1

S:\CURBS_CURB_ADAPTERS\ICX-XXXX-XXXX_CONFORMING\NOA FLORIDA STAMP\NOA C2-XXXX-XXXX_STRAIGHT_PITCHED_KD\NOA C2-XXXX-4XXX_CARRIER\4000 4005 4006 4008

OPTIONS:

MATERIAL: 16 ga. GAL STEEL

1X4 WOOD NAILER (UNDER TOP FLANGE)

NOA APPROVED CURB

DIMENSIONED AND TOLERENCED PER ANSI Y14.5M-1982

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
1	INITIAL DRAWING	4/14/21	KJ

DIMENSIONAL DATA					
UNIT MODEL	UNIT WEIGHT (lb)	CDI CURB NUMBER	A	B	C
48ES/ZA24-36, 48V(G/L/R/T)E24-36, 50ES/ZA24, 50V(G/L/R/T)A24-36	272 - 549	C2-00XX-4021 NOA	30 5/8"	12 1/4"	33 13/16"
48ES/ZA42-60, 48V(G/L/R/T)E36-60, 50ES/ZA42-60, 50V(G/L/T)A36-60, 50VRA36-60	369 - 704	C2-00XX-4023 NOA	42 3/16"	16 1/4"	29 13/16"

18GA DUCT BRACES

RETURN AIR

SUPPLY AIR

INSULATED COVER

16GA 4" X 3/4" STIFFENERS TWO (2) EACH SIDE

1-6

1-6

UNIT BASE RAIL

THREE (3) #14 TEK SCREWS THRU UNIT BASERAIL, CURB, AND STIFFENERS

5" REF

STIFFENER

CURB

DETAIL B SCALE 1 : 4

1 5/16" (TYP.)

SCREW SPACING DETAIL A SCALE 1 : 6

1 3/4" (TYP.)

46 1/16" O.D.

1 1/2" (TYP.)

2" (TYP.)

4" FROM I.D. (TYP.)

A

O.D.

24" MAX WITH PITCH

Approved as complying with the Florida Building Code

Date 09/02/2021

NOA# 21-0526.04

Miami Dade Product Control

By *[Signature]*

GLENN MOURITZEN

LICENSE No. 70551

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Exp. 02 / 28 / 2023

CURB DESIGNED TO MEET WIND LOAD REQUIREMENTS FOR 2017 AND 2020 FBC FLORIDA BUILDING CODE, NOA APPROVED

CURB DESIGNED FOR MAXIMUM WIND PRESSURE ±84.20 PSF

NOA APPROVED 4021 & 4023 ROOF CURB

CURB WEIGHT (LBS.)	APPROVALS	DATE	TITLE:
112.56 MAX	DRAWN: kjones		C2-00XX-4021 4023 NOA
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE: .X ± 0.05 .XX ± 0.03 .XXX ± 0.01	CHECKED:	Friday, April 16, 2021 6:25:43 PM	FILE NAME: C2-00XX-4021 4023 NOA
DIMENSIONS ARE AS FOLLOWS: 1.89 in (25.40 mm)	3RD ANGLE PROJECTION	CDI 17560 TYLER ST NW ELK RIVER, MN 55330 (763)391-7790 (763)391-7851	DRAWING NO.: PG 3
			REV: 1
			SCALE: 1:18 SHEET: 1 OF 1

S:\CURBS_CURB_ADAPTERS\CX-XXXX-XXXX_CONFORMING\NOA FLORIDA STAMP\NOA C2-XXXX-XXXX_STRAIGHT_PITCHED_KD\NOA C2-XXXX-XXXX_CARRIER\4021 4023\

OPTIONS:

MATERIAL: 16 ga. GAL STEEL

1X4 WOOD NAILER (UNDER TOP FLANGE)

NOA APPROVED CURB

DIMENSIONED AND TOLERENCED PER ANSI Y14.5M-1982

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	INITIAL DRAWING	4/15/21	KJ

DIMENSIONAL DATA			
UNIT MODEL	UNIT WEIGHT (lb)	CDI CURB NUMBER	A
48(H/L/T)C17-28, 50(H/L/T)C17-28	1862 - 3012	C2-00XX-4158 NOA	135 11/16"
48(H/L/T)C14-20, 50(H/L/T)C14-20	1697 - 2628	C2-00XX-4159 NOA	121 5/8"

RA

SA

INSULATED PANEL

9 3/16"

24 1/16"

50"

77 7/8"

14 7/8"

INSULATED PANEL

1 3/4" (TYP.)

A O.D.

1 1/2" (TYP.)

2" (TYP.)

4" FROM I.D. (TYP.)

UNIT BASE RAIL

6" REF

FOUR (4) #14 TEK SCREWS THRU UNIT BASERAIL, CURB, AND STIFFENERS

STIFFENER

CURB

DETAIL B SCALE 1 : 4

1" (TYP.)

SCREW SPACING DETAIL A SCALE 1 : 6

80 5/8" O.D.

24" MAX WITH PITCH

18GA DUCT BRACES

RETURN AIR

SUPPLY AIR

2X2X0.25" A.I. CROSS X1 (UNDER BRACE)

INSULATED PANEL

16GA 4" X 3/4" STIFFENERS TWO (2) EACH LONG SIDE THREE (3) EACH SHORT SIDE

1-6

1-6

Approved as complying with the Florida Building Code

Date 09/02/2021

NOA# 21-0526.04

Miami Dade Product Control

By *Hely A. Miller*

GLENN MOURITZEN

LICENSE No. 70551

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Exp. 02 / 28 / 2023

CURB DESIGNED TO MEET WIND LOAD REQUIREMENTS FOR 2017 AND 2020 FBC FLORIDA BUILDING CODE, NOA APPROVED

CURB DESIGNED FOR MAXIMUM WIND PRESSURE ±84.20 PSF

NOA APPROVED 4158 & 4159 ROOF CURB

CURB WEIGHT (LBS.)	APPROVALS	DATE	TITLE:
315.67 MAX	DRAWN: kjones		C2-00XX-4158 4159 NOA
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE: .X ± 0.05 .XX ± 0.03 .XXX ± 0.01	CHECKED:	Tuesday, May 11, 2021 6:36:54 PM	FILE NAME: C2-00XX-4158 4159 NOA
DIMENSIONS ARE AS FOLLOWS: 1.00 in [25.40 mm]	3RD ANGLE PROJECTION	CDI 17560 TYLER ST NW ELK RIVER, MN 55330 (763)391-7790 (763)391-7851	DRAWING NO.: PG 4
			ECO #:

SCALE: 1:34

SHEET: 1 OF 1

S:\CURBS_CURB_ADAPTERS\CX-XXXX-XXXX_CONFORMING\NOA FLORIDA STAMP\NOA C2-XXXX-XXXX_STRAIGHT_PITCHED_KD\NOA C2-XXXX-4XXX_CARRIER\4158 4159\