



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)

Curbs Plus, Inc.
8767 GA Hwy
Ringgold, GA 30736

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 Roof-Curb for Trane Series Rooftop Units

APPROVAL DOCUMENT: Drawing No. TR-001 through TR-010, titled "Curbs Plus Inc. Roof Curb", sheets 1 through 5 of 5 each, prepared by Curbs Plus, Inc., dated December 22, 2015, last revision dated May 06, 2021, signed and sealed by Heinrich A. Villanueva II, P.E., on July 19, 2021, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and the expiration 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, city, state 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 revised and renews NOA #14-0731.13 and 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
07/29/2021

NOA No. 21-0408.04
Expiration Date: 06/30/2026
Approval Date: 07/29/2021

Curbs Plus, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #14-0731.13

A. DRAWINGS

1. *Drawing No. TR-001 through TR-010, titled "Curbs Plus Inc. Roof Curb", sheets 1 through 5 of 5 each, prepared by Curbs Plus, Inc., dated December 22, 2015, last revision dated April 12, 2016, signed and sealed by Gregory P. Grayson, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation titled " Wind Load Calculation ", dated February 2014, revised on April 11, 2016, 150 sheets, signed and sealed by Gregory P. Grayson, P.E. on May 18, 2016.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. TR-001 through TR-010, titled "Curbs Plus Inc. Roof Curb", sheets 1 through 5 of 5 each, prepared by Curbs Plus, Inc., dated December 22, 2015, last revision dated May 06, 2021, signed and sealed by Heinrich A. Villanueva II, P.E., on July 19, 2021.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation titled " Wind Load Calculation ", dated June 01, 2021, 150 sheets, signed and sealed by Heinrich A. Villanueva II, P.E. on June 01, 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. 21-0408.04
Expiration Date: 06/30/2026
Approval Date: 07/29/2021

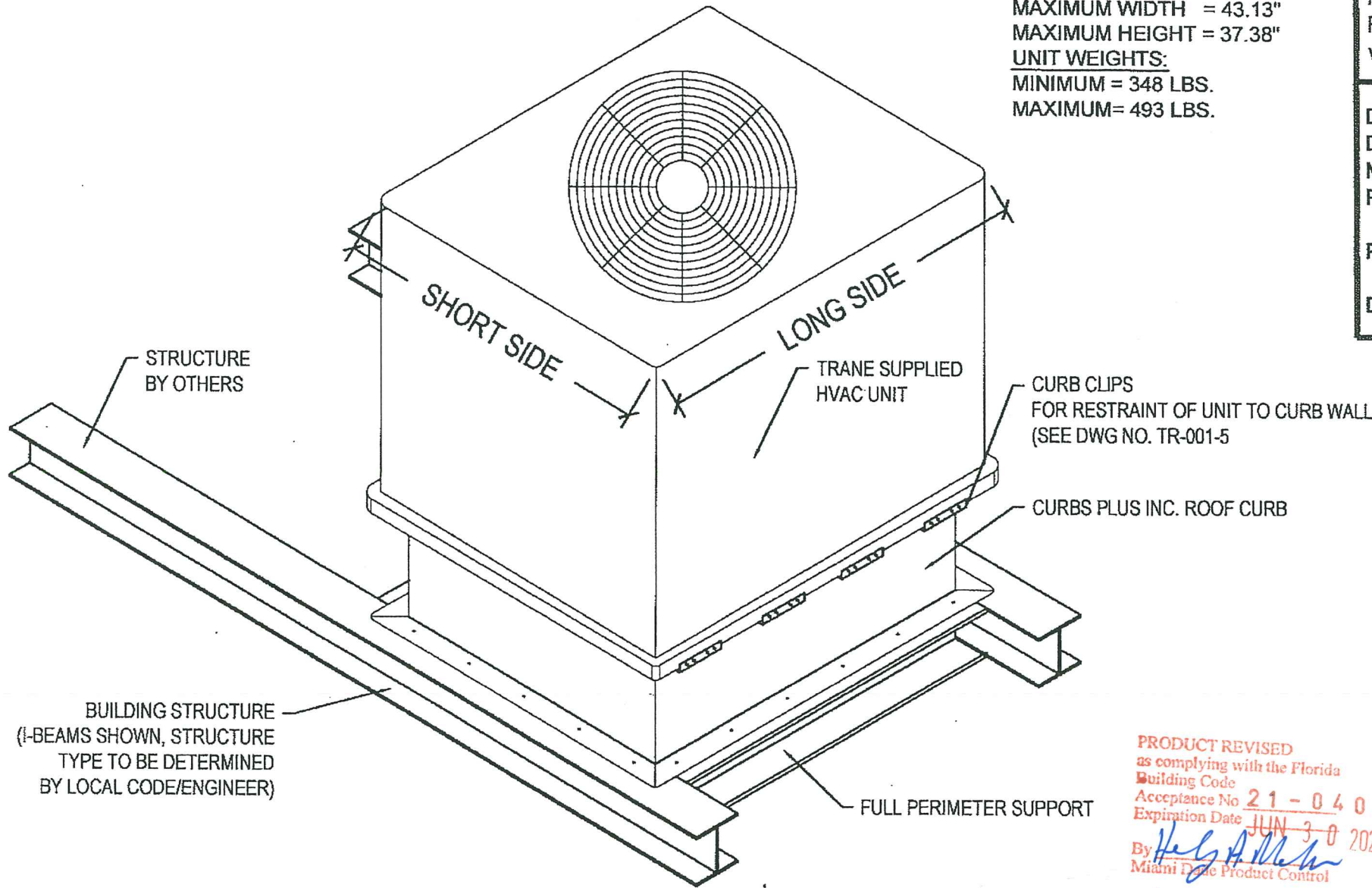
THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE
DRAWINGS ARE APPLICABLE TO TRANE UNITS 2,4T,W,YC**018-036
MODELS: 22-1780-13,22-1782-13,22-1784-13,22-1789-18,22-1796-14,22-1797-14,
22-1799-18,22-1807-07,22-1808-11,22-1815-08

TRANE: 2,4T,W,YC** 018-036
MAX. UNIT SIZE:
MAXIMUM LENGTH= 50.63"
MAXIMUM WIDTH = 43.13"
MAXIMUM HEIGHT = 37.38"
UNIT WEIGHTS:
MINIMUM = 348 LBS.
MAXIMUM= 493 LBS.

CURBS PLUS, INC.

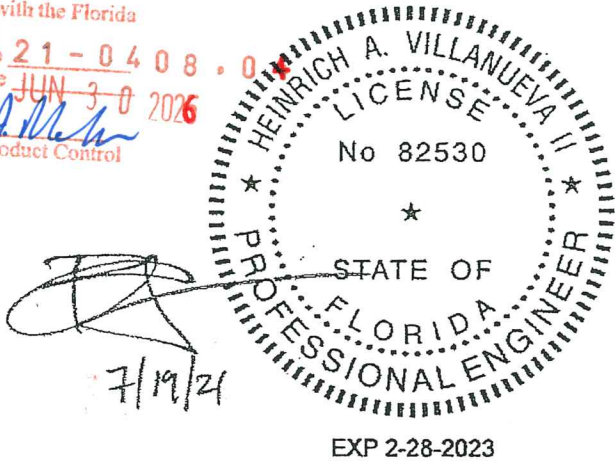
8767 Alabama Hwy
Ringgold, GA 30736
Phone:(706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

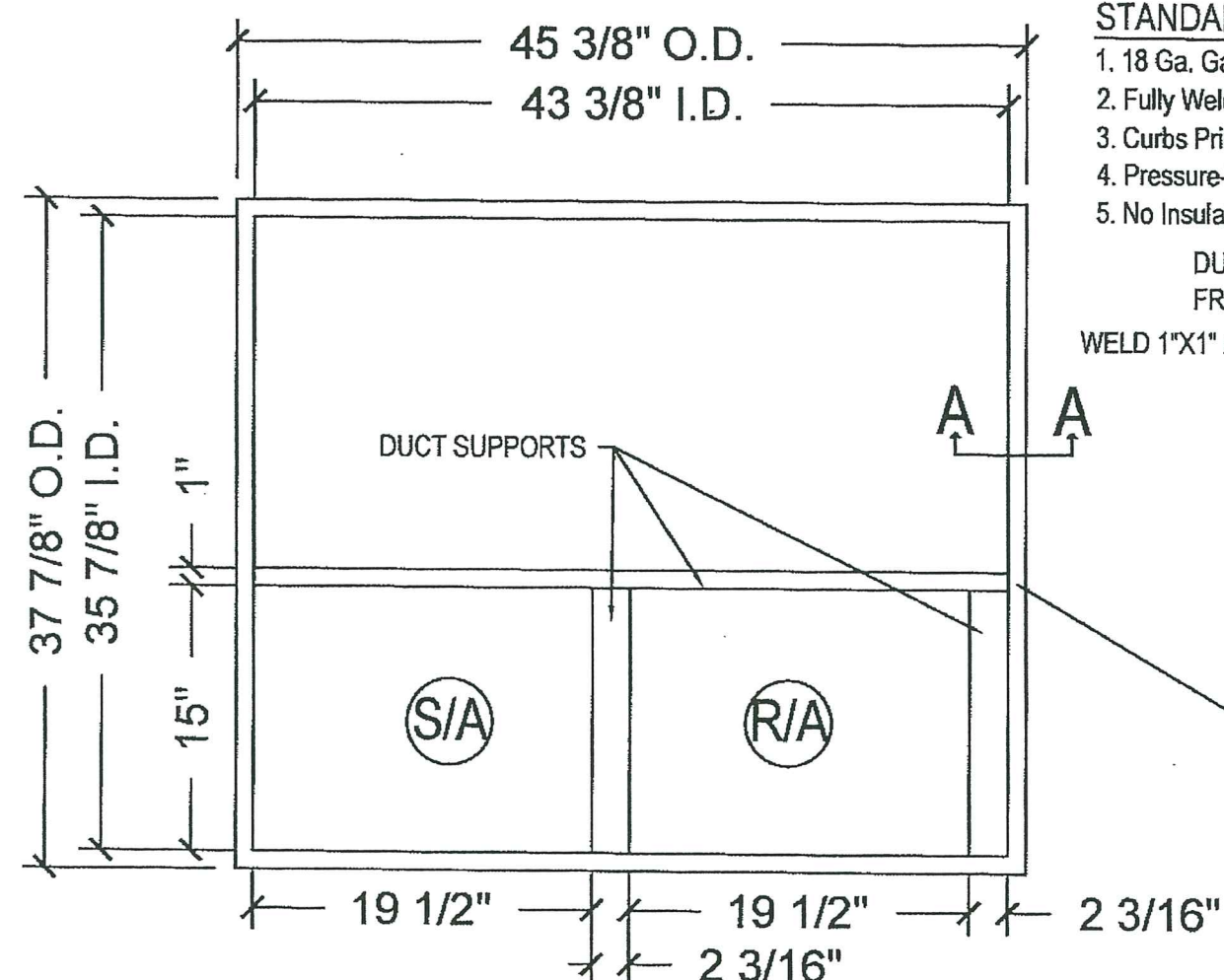
DWG. NO.: TR-001-1
DATE: 12-22-15
NUMBER: 1 OF 10
PRODUCT NAME:
TRANE 2,4 T,W,YCC* 018-036A,B
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21



- CURBS CONNECTION TO STRUCTURE**
1. Welds: 1" welds at Sw.W = 8 in c/c along width and S w.L = 3 in c/c along length
 2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
 3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 3 in all around
 4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = 2 1/2 in all around

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0408.0
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control

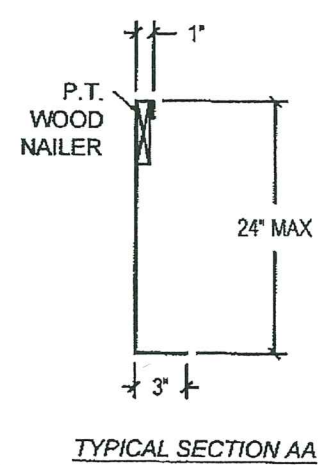
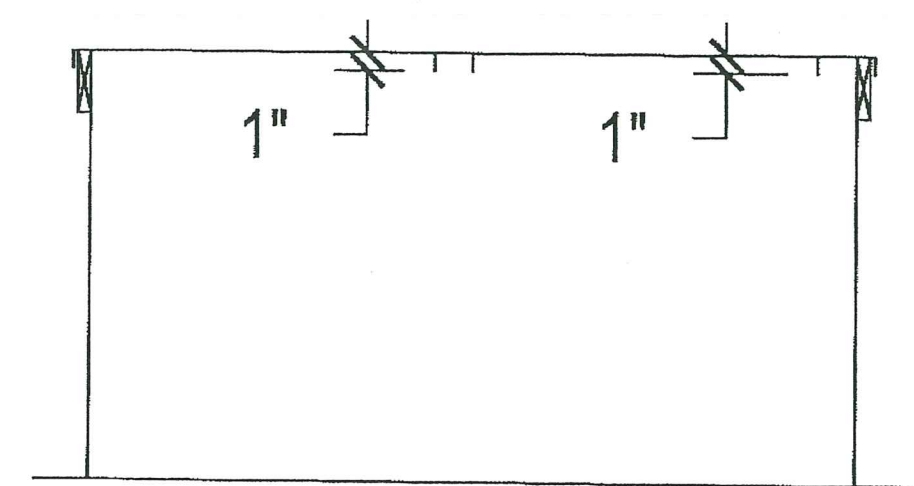
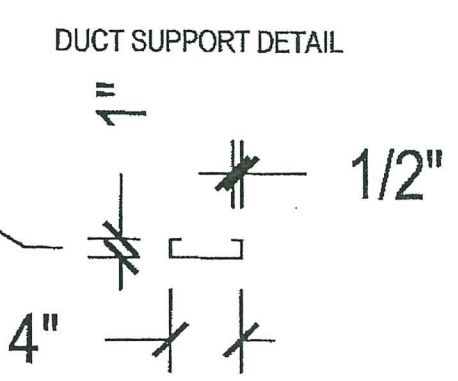




CPC-4 (Uninsulated) Conventional Roof Curb
STANDARD FEATURES

1. 18 Ga. Galvanized Steel Construction (.05" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

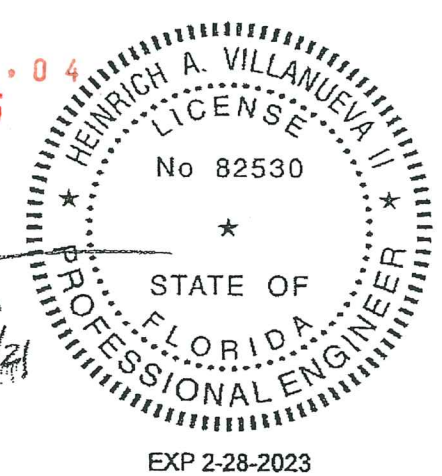
DUCT SUPPORTS CONSTRUCTED
 FROM 18 GA GALVANIZED STEEL
 WELD 1"X1" ANGLES TO CURB WALL ON 24" CENTERS



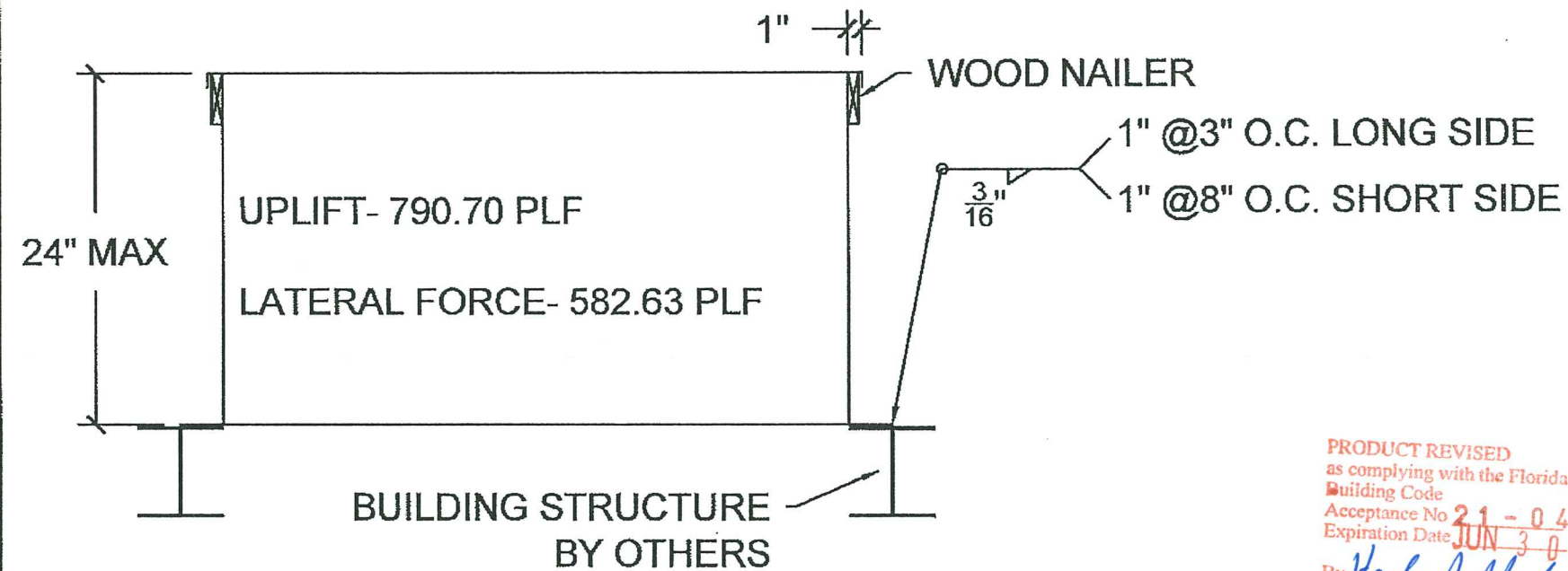
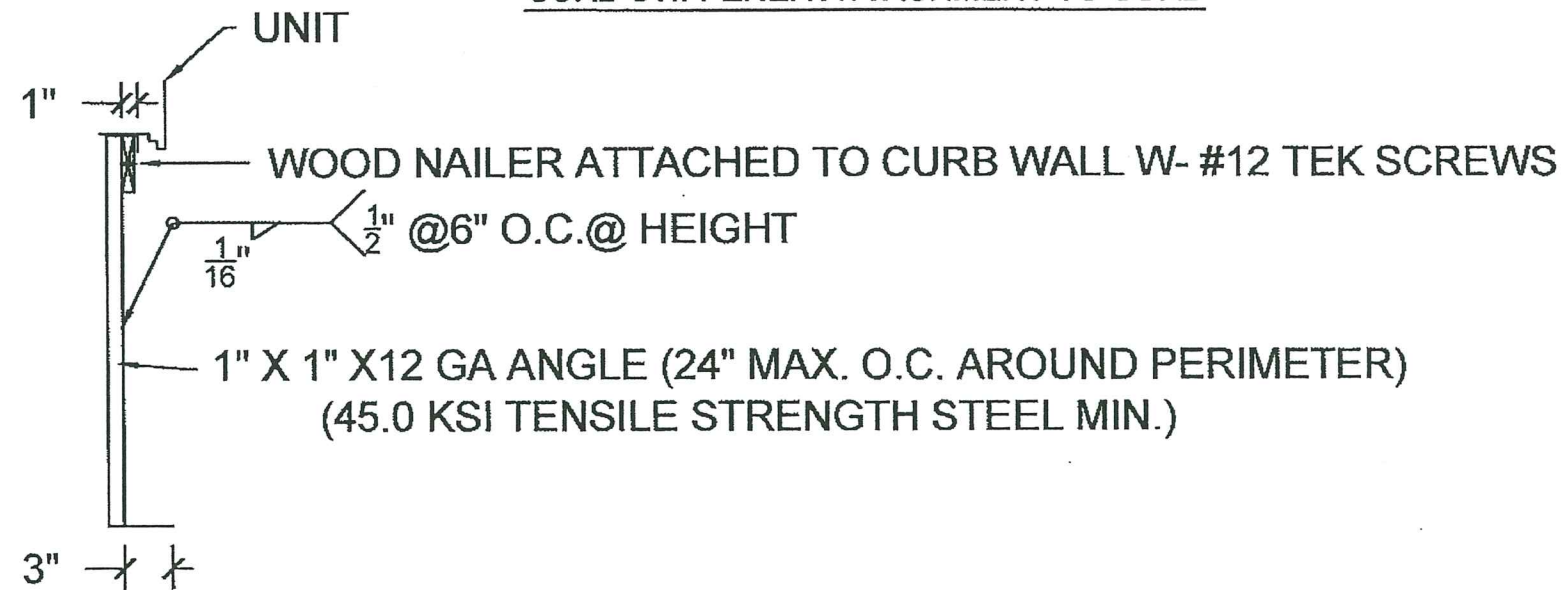
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 21-0408-04
 Expiration Date JUN 30 2026
 By *Heinrich A. Villanueva*
 Miami Dade Product Control

CURBS PLUS, INC.
 8767 Alabama Hwy
 Ringgold, GA 30736
 Phone: (706) 858-1188
 Fax: (706) 866-2339
 website: www.curbs-plus.com

DWG. NO.: TR-001-2
 DATE: 12-22-15
 NUMBER: 1 OF 10
 PRODUCT NAME:
 TRANE 2,4 T,W,YCC* 018-036A,B
 PROFESSIONAL ENGINEER:
 Heinrich A. Villanueva, PE
 DWG. REV. DATE: 5-6-21



CURB STIFFENER ATTACHMENT TO CURB



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-001-3

DATE: 12-22-15

NUMBER: 1 OF 10

PRODUCT NAME:

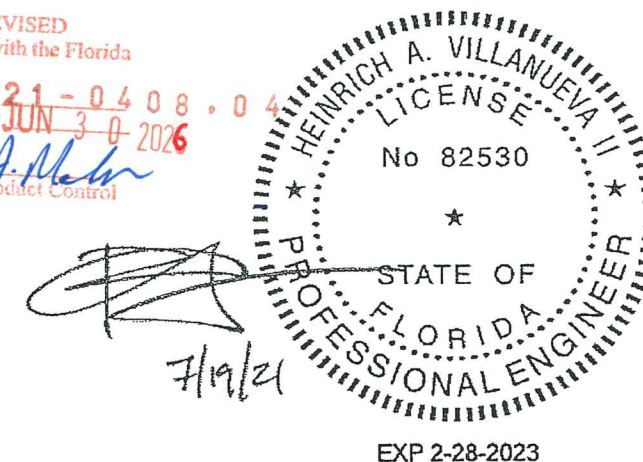
TRANE 2,4 T,W,YCC* 018-036A,B

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

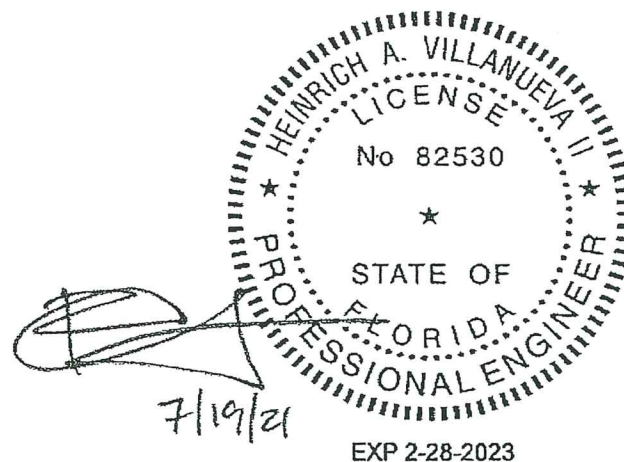
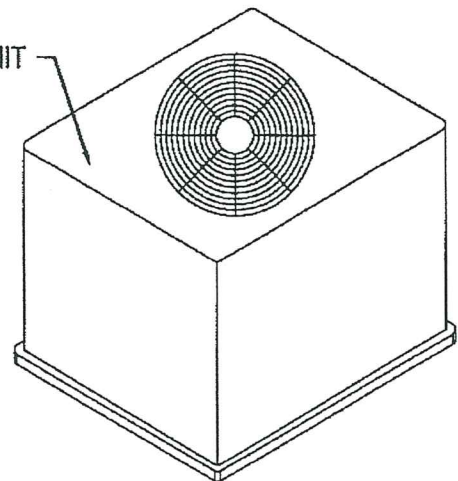
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

TRANE SUPPLIED HVAC UNIT



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-001-4

DATE: 12-22-15

NUMBER: 1 OF 10

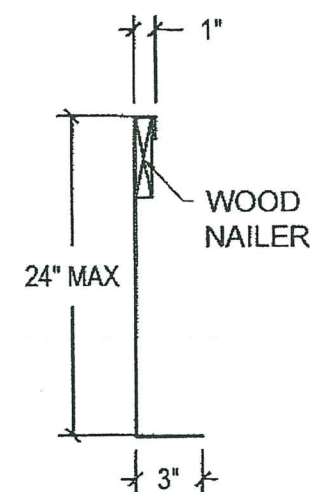
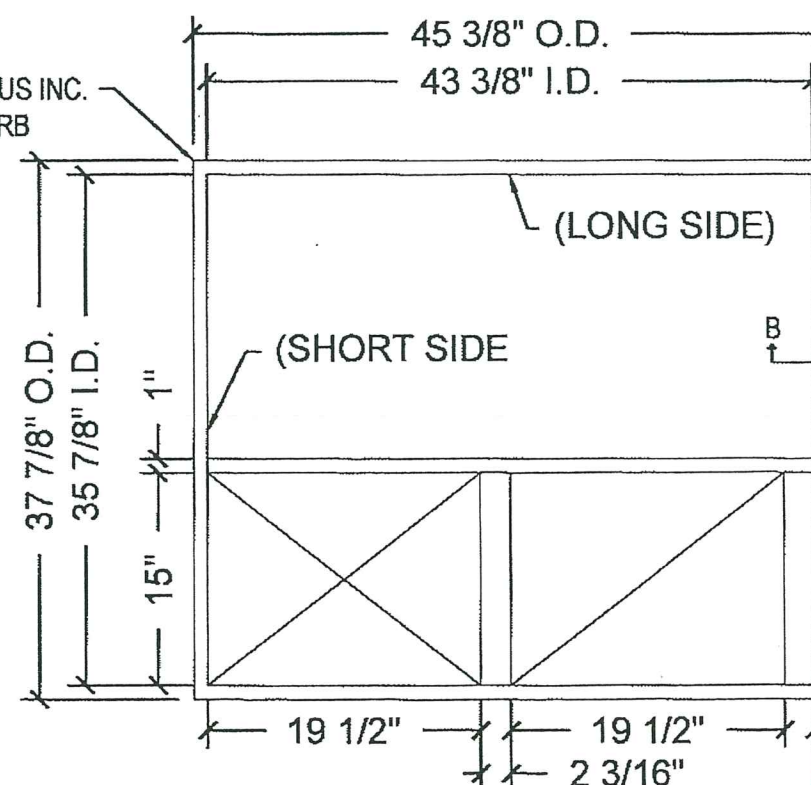
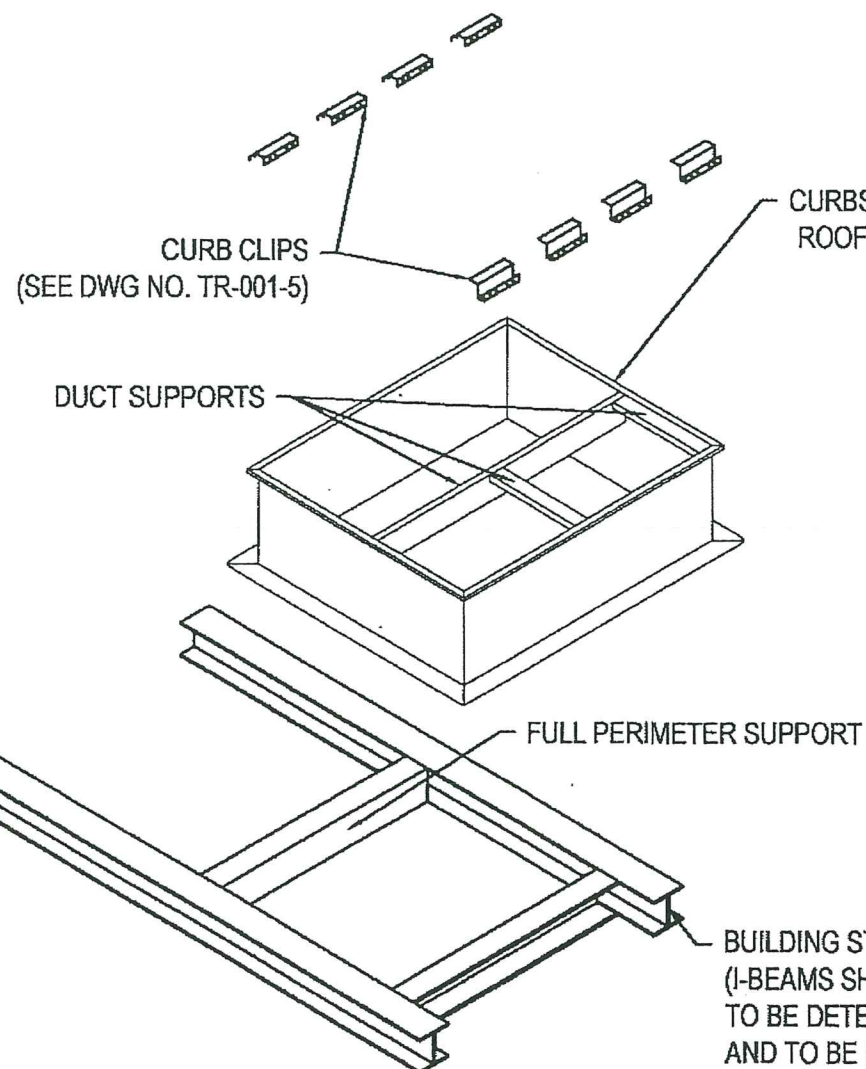
PRODUCT NAME:

TRANE 2,4 T,W,YCC* 018-036A,B

PROFESSIONAL ENGINEER:

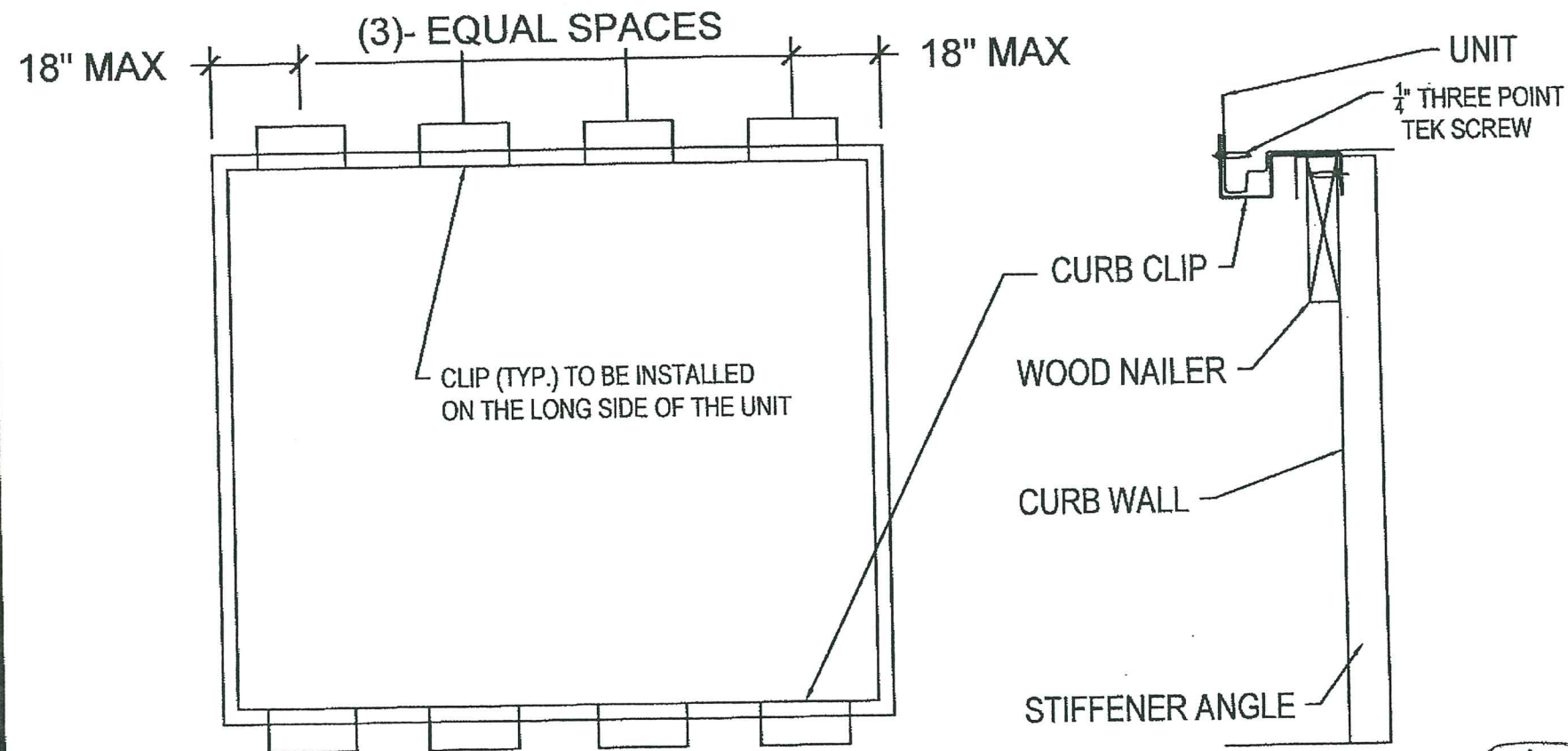
Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21



TYPICAL SECTION BB

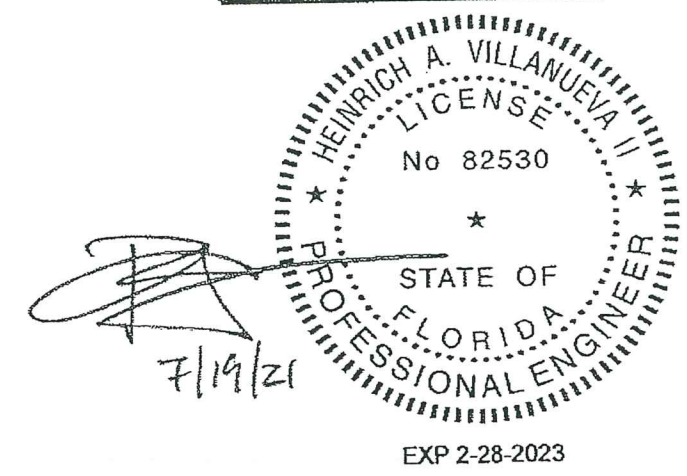
PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



CURBS PLUS, INC.

8767 Alabama Hwy
 Ringgold, GA 30736
 Phone: (706) 858-1188
 Fax: (706) 866-2339
 website: www.curbs-plus.com

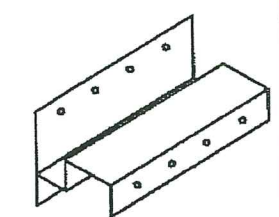
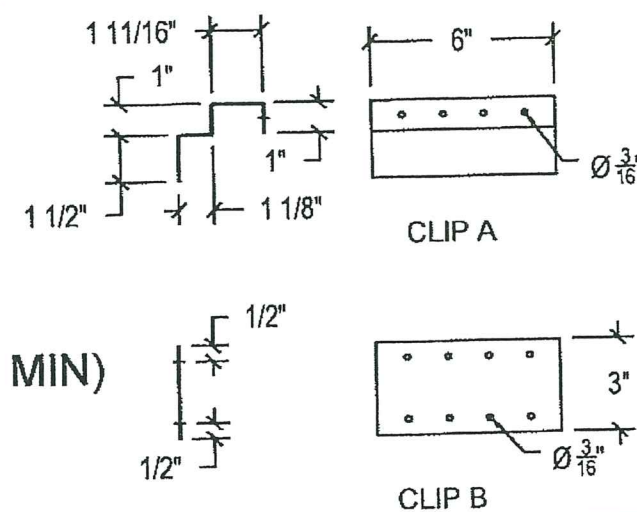
DWG. NO.: TR-001-5
 DATE: 12-22-15
 NUMBER: 1 OF 10
 PRODUCT NAME:
 TRANE 2,4 T,W,YCC* 018-036A,B
 PROFESSIONAL ENGINEER:
 Heinrich A. Villanueva, PE
 DWG. REV. DATE: 5-6-21



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 21-040804
 Expiration Date JUN 30 2026
 By *Heidy A. Miller*
 Miami Dade Product Control

(8)- CURB CLIPS MIN. PER CURB
 TYPICAL CURB CLIP →

CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
 LENGTH= 6"
 STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH



THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE
DRAWINGS ARE APPLICABLE TO TRANE UNITS 2,4T,W,YC**042-060
MODELS: 22-1780-13,22-1782-13,22-1789-18,22-1796-14,22-1797-14,
22-1799-18,22-1807-07,22-1808-11,22-1815-08

TRANE: 2,4T,W,YC** 042-060
MAX. UNIT SIZE:
MAXIMUM LENGTH= 60.31"
MAXIMUM WIDTH = 46.09"
MAXIMUM HEIGHT = 41.38"
UNIT WEIGHTS:
MINIMUM = 395 LBS.
MAXIMUM= 676 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-002-1

DATE: 12-22-15

NUMBER: 2 OF 10

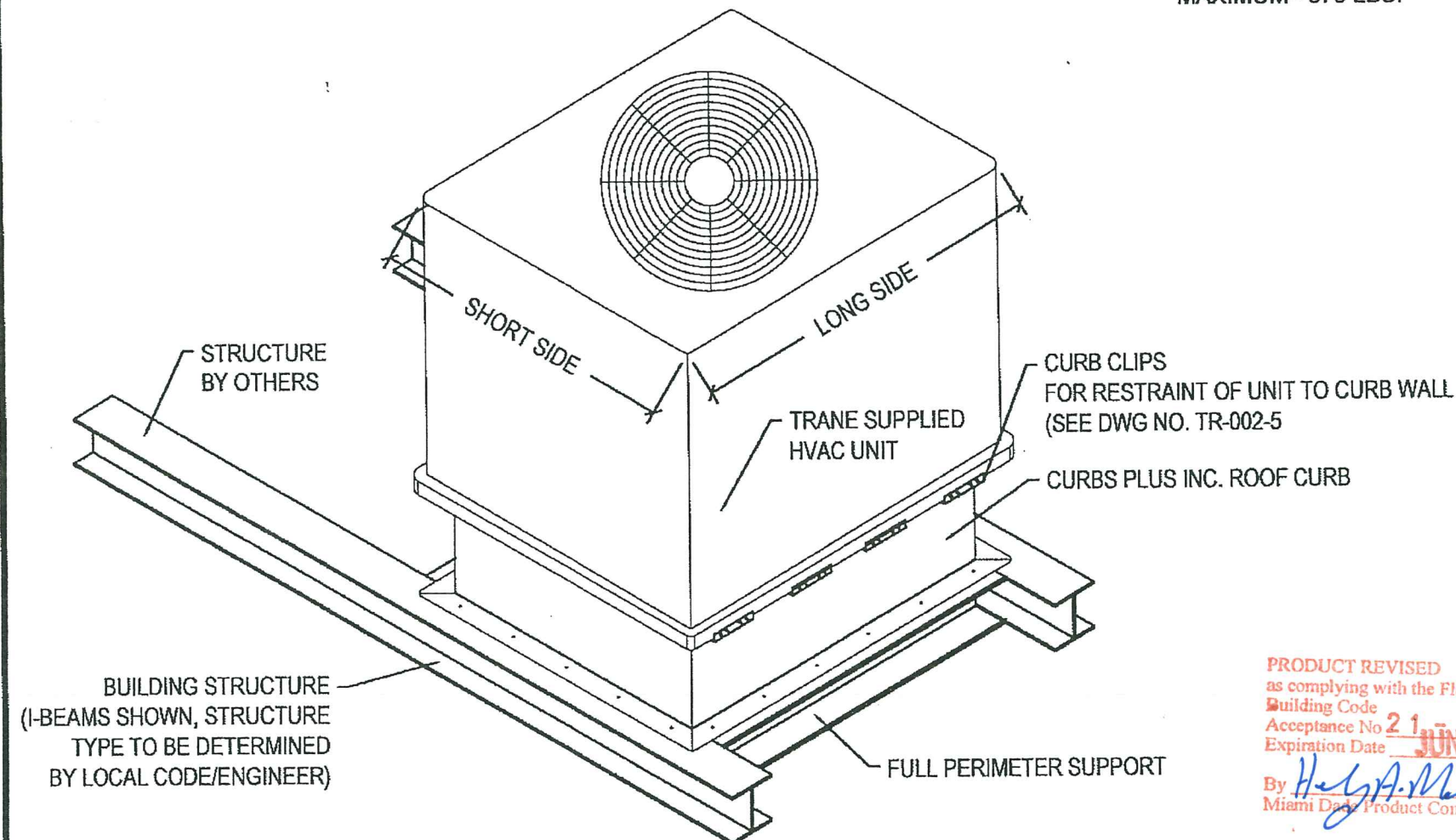
PRODUCT NAME:

TRANE 2,4 T,W,YCC* 042-060A,B

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

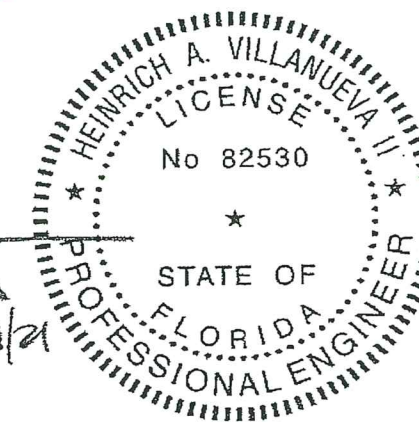
DWG. REV. DATE: 5-6-21



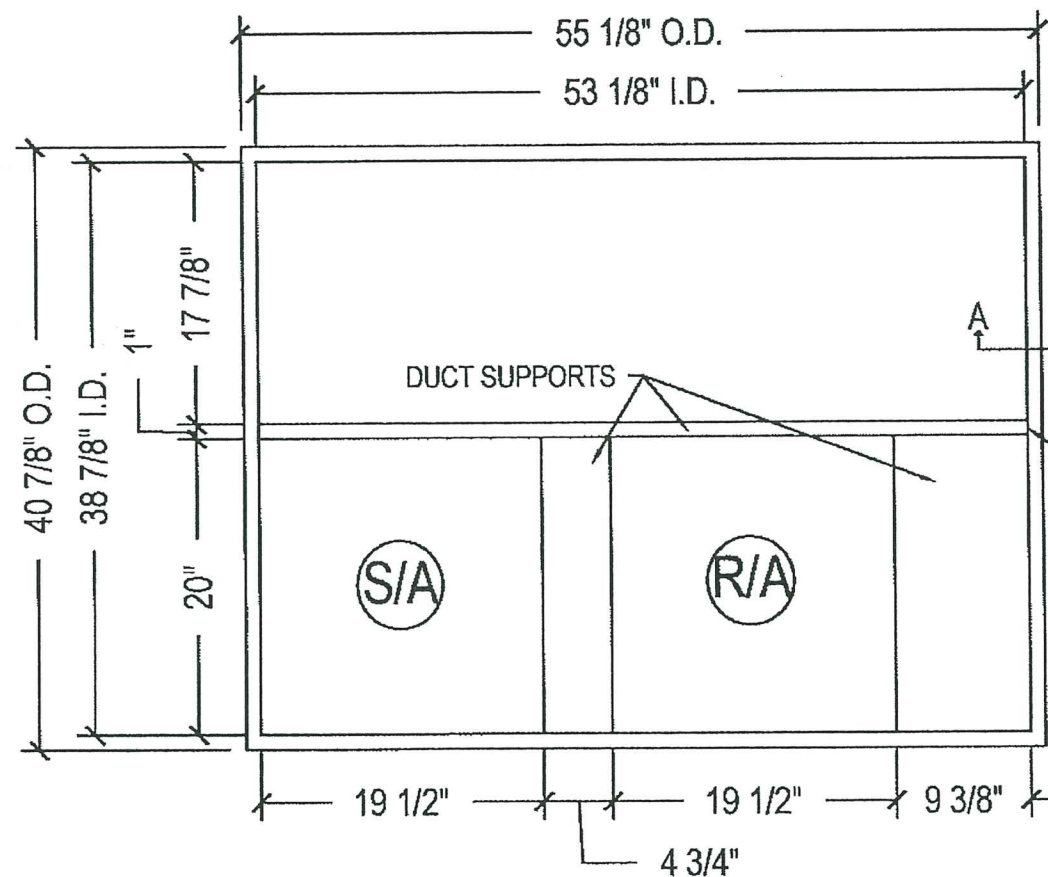
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-04820604
Expiration Date JUN 30 2026
By *H. A. Villanueva*
Miami Dade Product Control

CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 3 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145in Ø pins, L pin = 1 in embedment at Spacing pin = 2 1/2 in all around



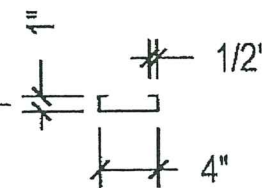
EXP 2-28-2023



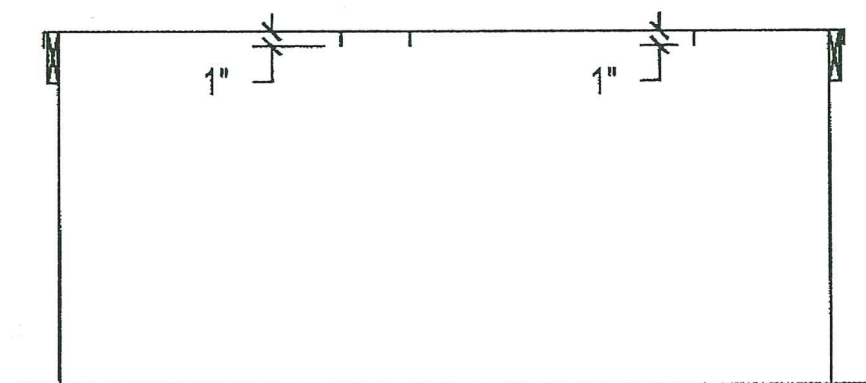
CPC-4 (Uninsulated) Conventional Roof Curb STANDARD FEATURES

1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

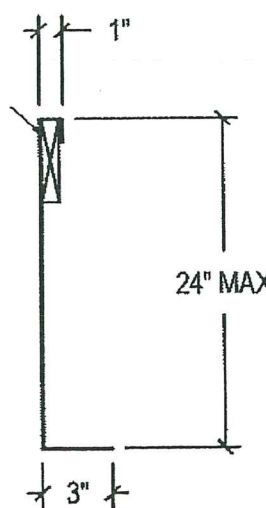
DUCT SUPPORTS CONSTRUCTED
FROM 18 GA GALVANIZED STEEL
WELD 1"X1" ANGLES TO CURB WALL ON 18" CENTERS



DUCT SUPPORT DETAIL



P.T.
WOOD
NAILER



TYPICAL SECTION AA

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-002-2

DATE: 12-22-15

NUMBER: 2 OF 10

PRODUCT NAME:

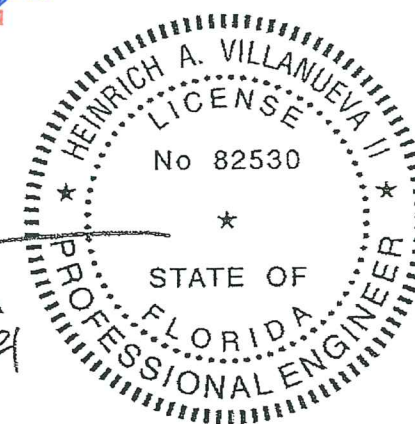
TRANE 2,4 T,W,YCC* 042-060A,B

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

1" UNIT

WOOD NAILER ATTACHED TO CURB WALL W- #12 TEK SCREWS

$\frac{1}{2}" @ 6" \text{ O.C. @ HEIGHT}$

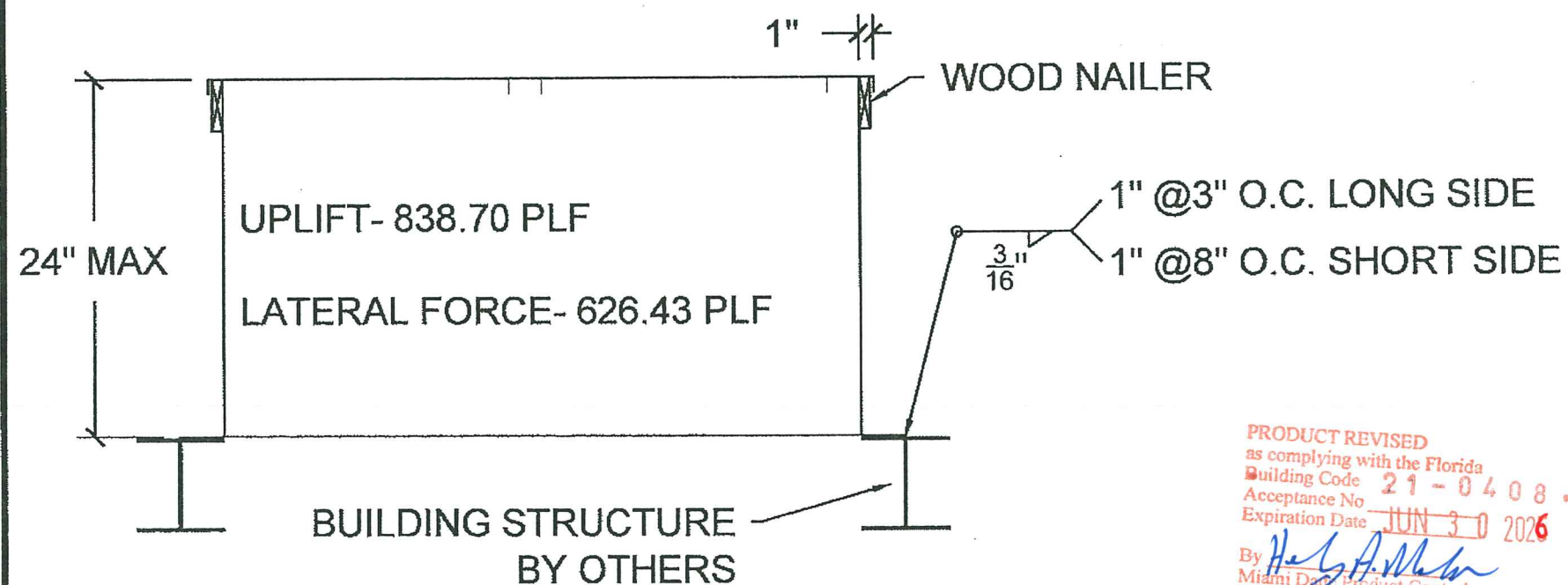
$\frac{1}{16}"$

1" X 1" X 12 GA ANGLE (24" MAX. O.C. AROUND PERIMETER)
(45.0 KSI TENSILE STRENGTH STEEL MIN.)

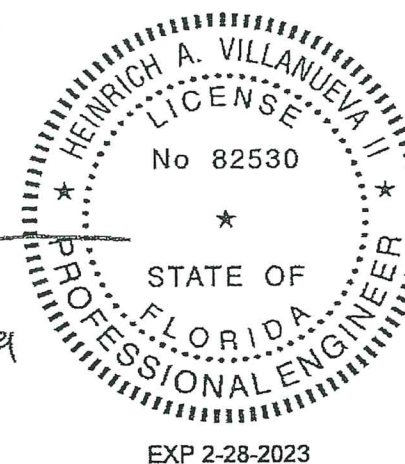
3"

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

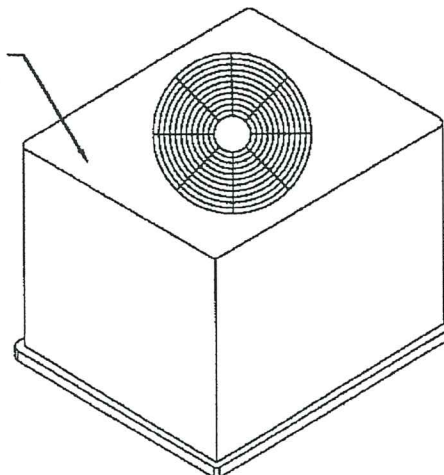
DWG. NO.: TR-002-3
DATE: 12-22-15
NUMBER: 2 OF 10
PRODUCT NAME:
TRANE 2,4 T,W,YCC* 042-060A,B
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21



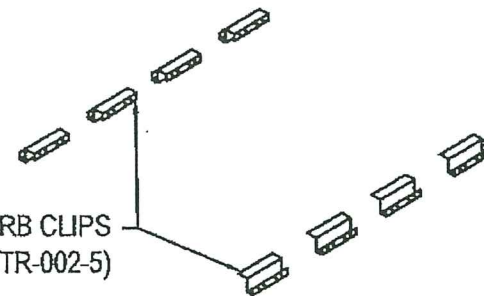
PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By H. G. A. Miller
Miami Dept. Product Control



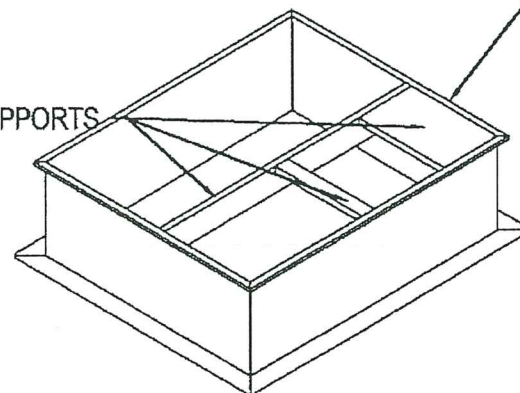
TRANE SUPPLIED
HVAC UNIT



CURB CLIPS
(SEE DWG NO. TR-002-5)

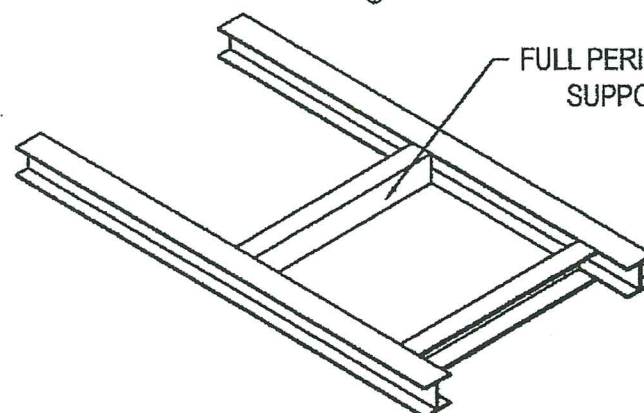


DUCT SUPPORTS

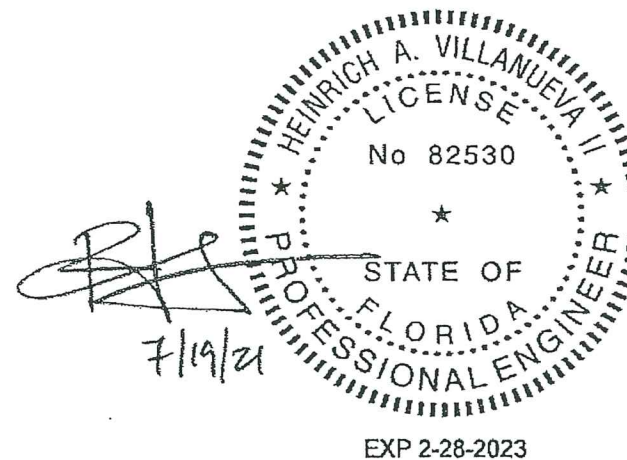


CURBS PLUS INC.
ROOF CURB

FULL PERIMETER
SUPPORT



BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-002-4

DATE: 12-22-15

NUMBER: 2 OF 10

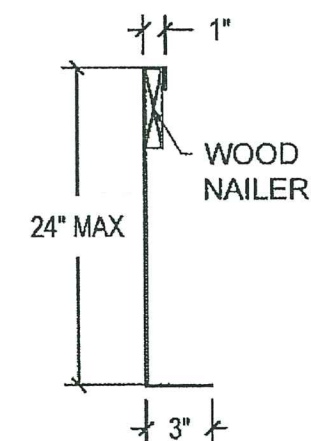
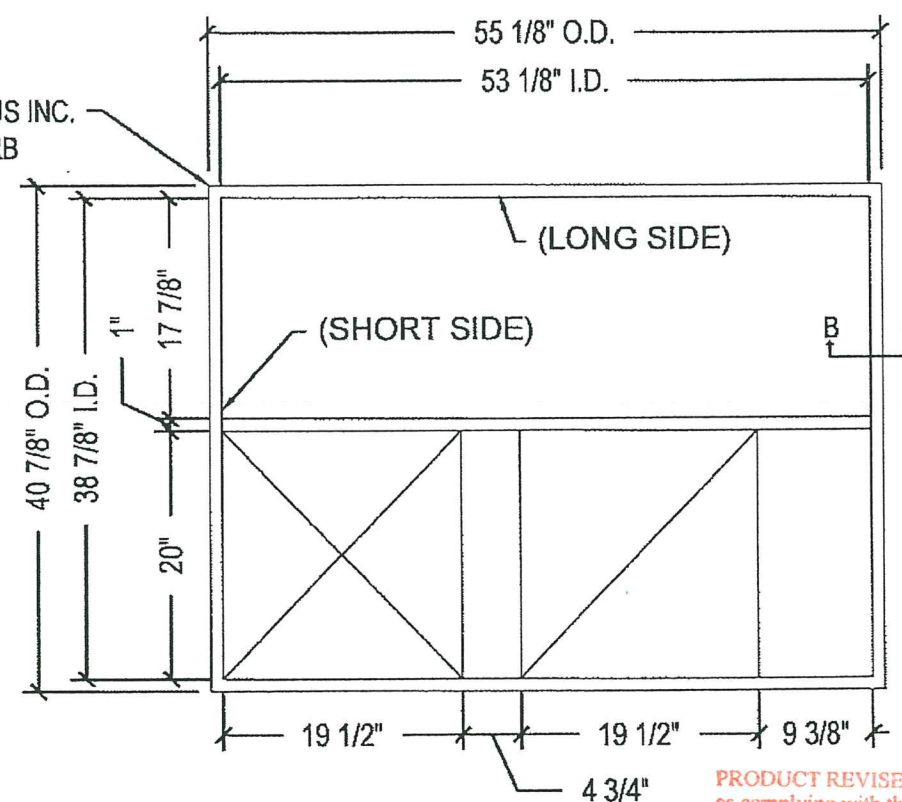
PRODUCT NAME:

TRANE 2,4 T,W,YCC* 042-060A,B

PROFESSIONAL ENGINEER:

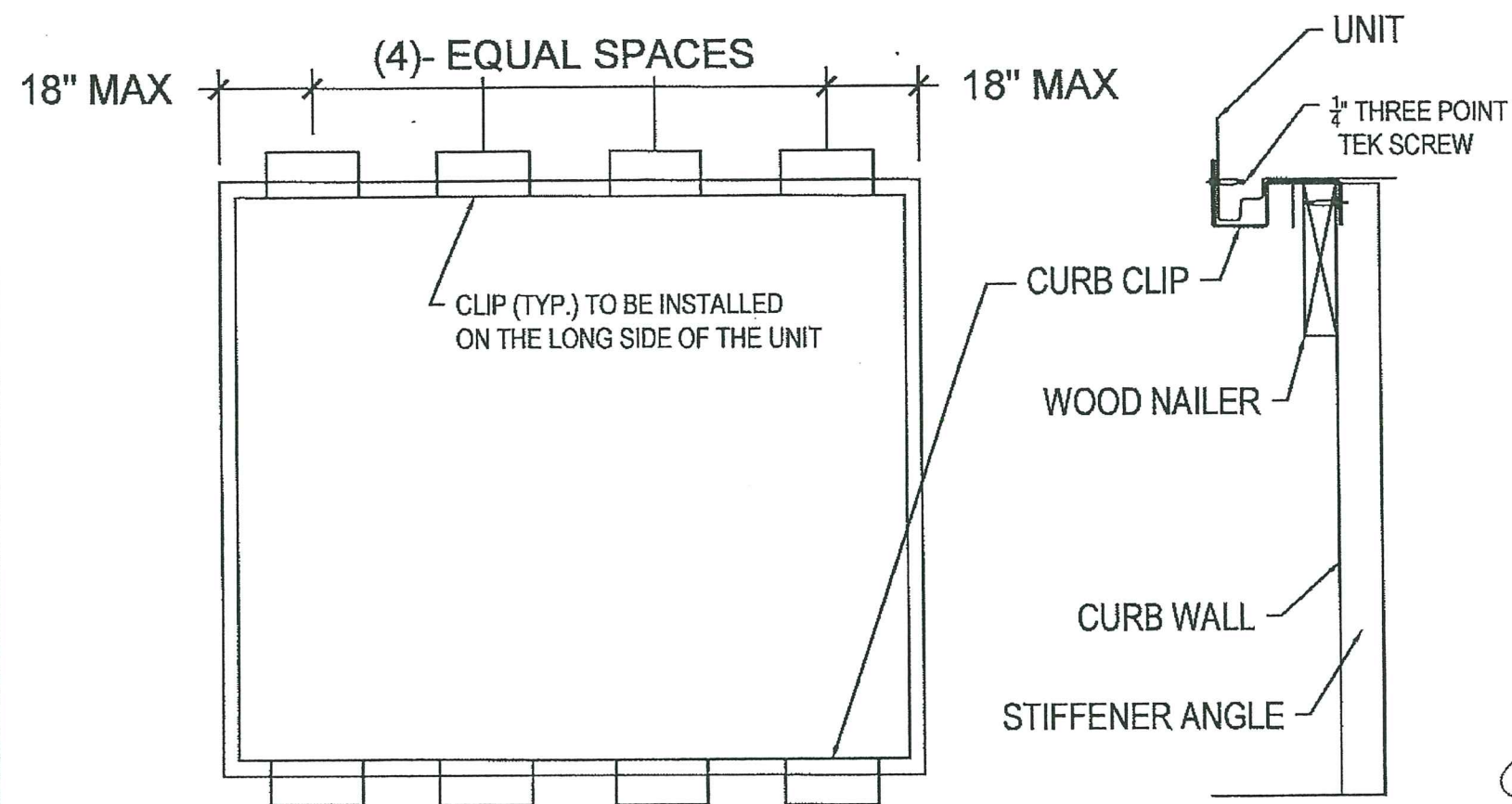
Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21



TYPICAL SECTION BB

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No. JUN 30 2026
Expiration Date
By *Heinrich A. Villanueva*
Miami Dade Product Control



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-002-5

DATE: 12-22-15

NUMBER: 2 OF 10

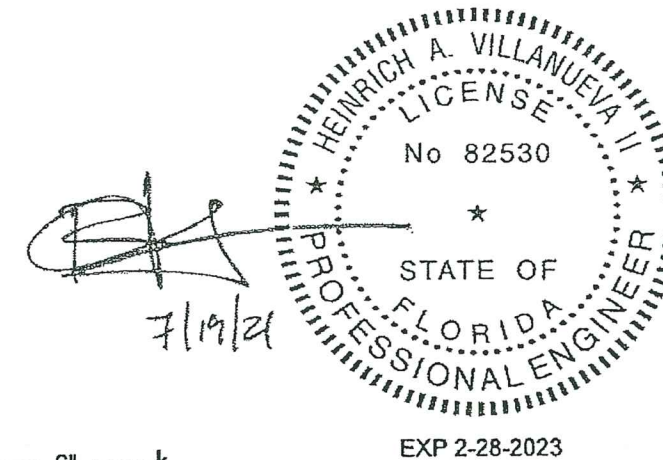
PRODUCT NAME:

TRANE 2,4 T,W,YCC* 042-060A,B

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

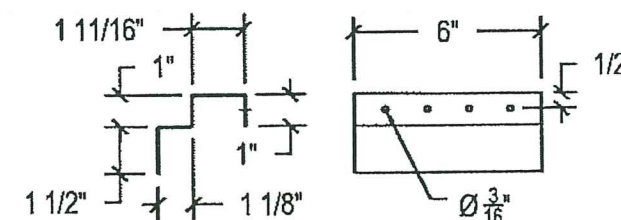
DWG. REV. DATE: 5-6-21



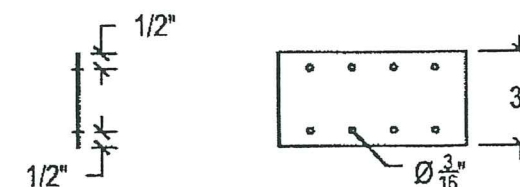
(10)- CURB CLIPS MIN. PER CURB

TYPICAL CURB CLIP

CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
LENGTH= 6"
STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH



CLIP A



CLIP B

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control

THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE DRAWINGS ARE APPLICABLE TO TRANE UNITS YSC 036-060
 MODELS: PKGB-PRC013G-EN,RT-PRC023AF-EN,RT-PRC037T-EN,RT-PRC039-EN,RT-PRC048G-EN,RT-PRC050E-EN,RT-PRC051E-EN,RT-PRC053A-EN,RT-PRC059-EN,RT-SVX21N-EN,RT-SVX22M-EN,RT-SVX37B-EN,RT-SVX38B-EN,SRV-SLB073-74-EN

TRANE: YSC 036-060
 MAX. UNIT SIZE:
 MAXIMUM LENGTH= 69.88"
 MAXIMUM WIDTH = 44.25"
 MAXIMUM HEIGHT = 36.25"
 UNIT WEIGHTS:
 MINIMUM = 480 LBS.
 MAXIMUM= 917 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy
 Ringgold, GA 30736
 Phone: (706) 858-1188
 Fax: (706) 866-2339
 website: www.curbs-plus.com

DWG. NO.: TR-003-1

DATE: 12-22-15

NUMBER: 3 OF 10

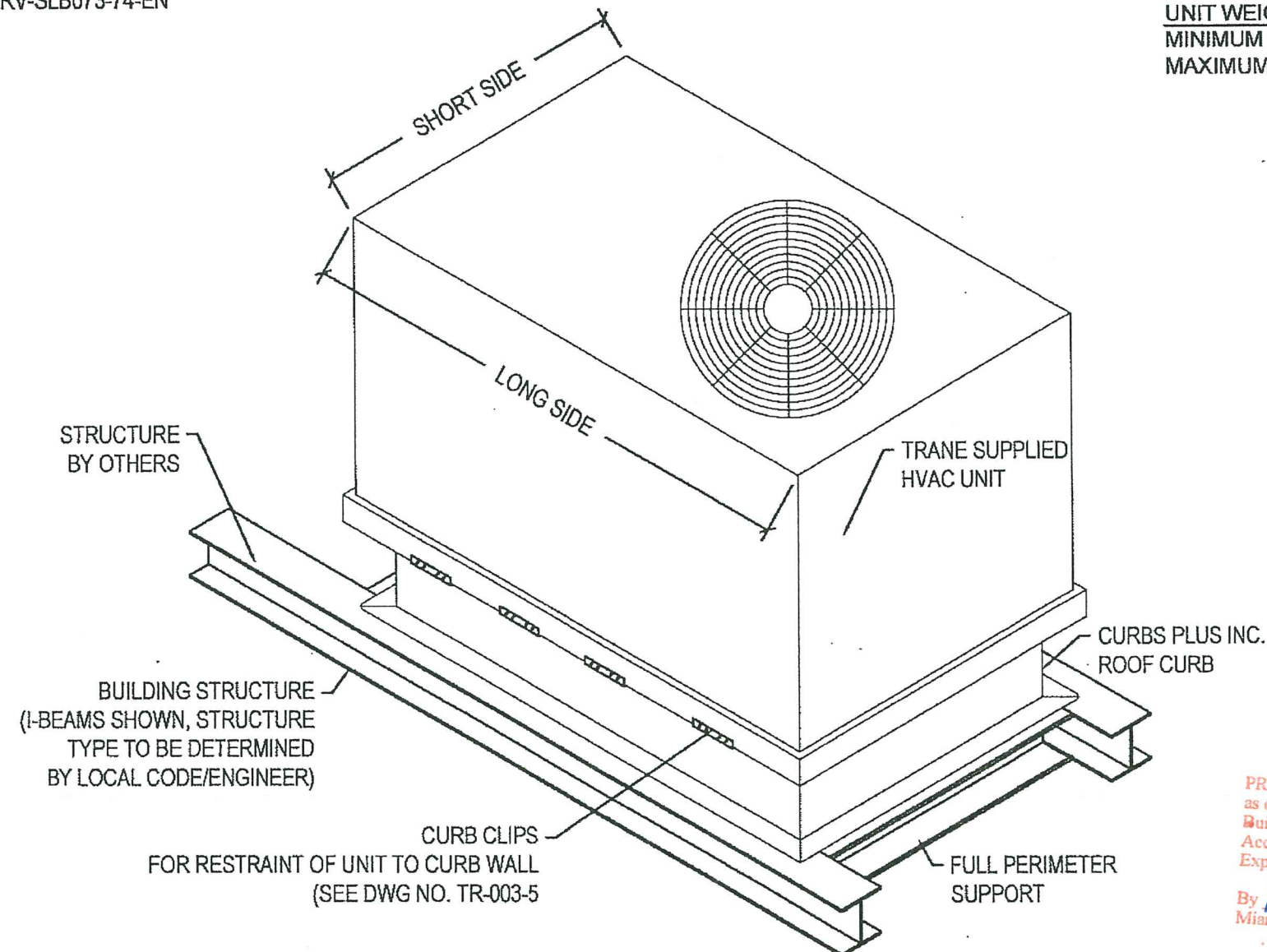
PRODUCT NAME:

TRANE YSC 036-060

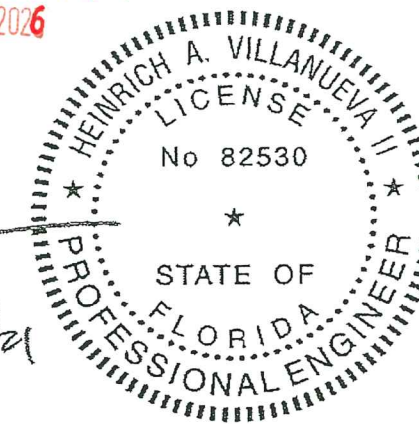
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 21-0408.04
 Expiration Date JUN 30 2026
 By *Heinrich A. Villanueva*
 Miami Dade Product Control



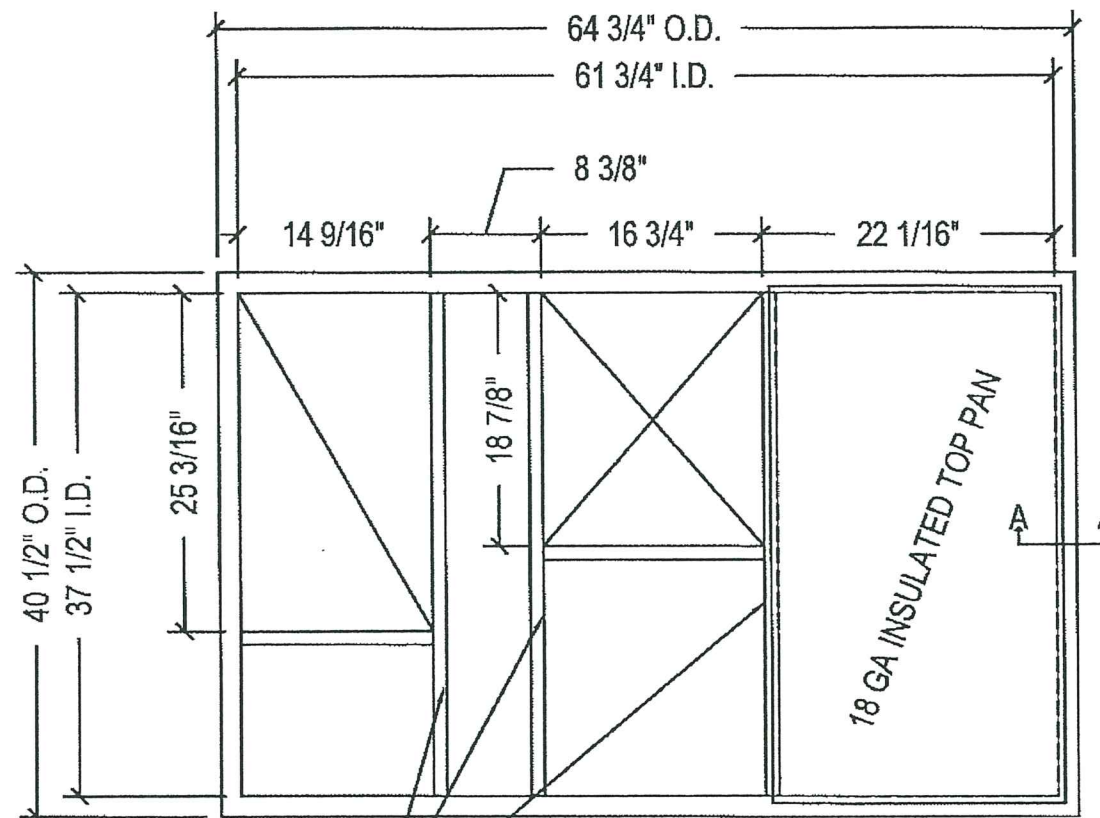
EXP 2-28-2023

CURBS CONNECTION TO STRUCTURE

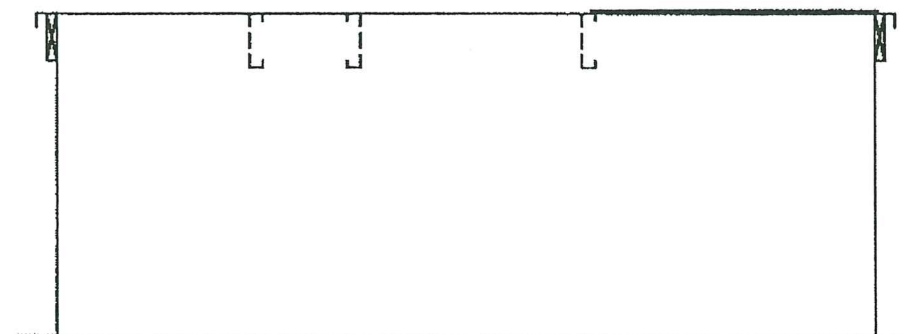
1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 6 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145in Ø pins, L pin = 1in embedment at Spacing pin = 2 1/2 in all around

File Name:MIAMI-DADE TR17 2021

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DUCT SUPPORTS

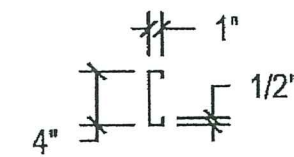


CPC-4 (Uninsulated) Conventional Roof Curb
STANDARD FEATURES

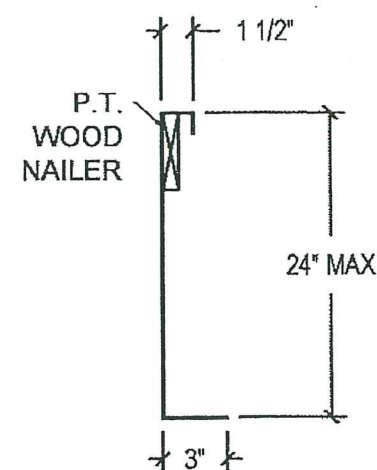
1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

WELD 1"X1" ANGLES TO CURB WALL ON 24" CENTERS

DUCT SUPPORTS CONSTRUCTED FROM 18 GA GALVANIZED STEEL



DUCT SUPPORT DETAIL



TYPICAL SECTION AA

CURBS PLUS, INC.

8767 Alabama Hwy
 Ringgold, GA 30736
 Phone: (706) 858-1188
 Fax: (706) 866-2339
 website: www.curbs-plus.com

DWG. NO.: TR-003-2

DATE: 12-22-15

NUMBER: 3 OF 10

PRODUCT NAME:

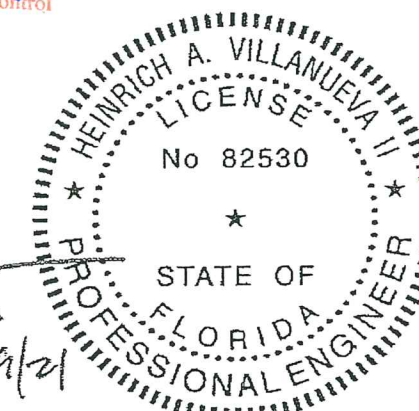
TRANE YSC 036-060

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 21-0408.04
 Expiration Date JUN 30 2026
 By *Heinrich A. Villanueva*
 Miami Dade Product Control



EXP 2-28-2023

CURB STIFFENER ATTACHMENT TO CURB

1 1/2" UNIT

WOOD NAILER ATTACHED TO CURB WALL W- #12 TEK SCREWS

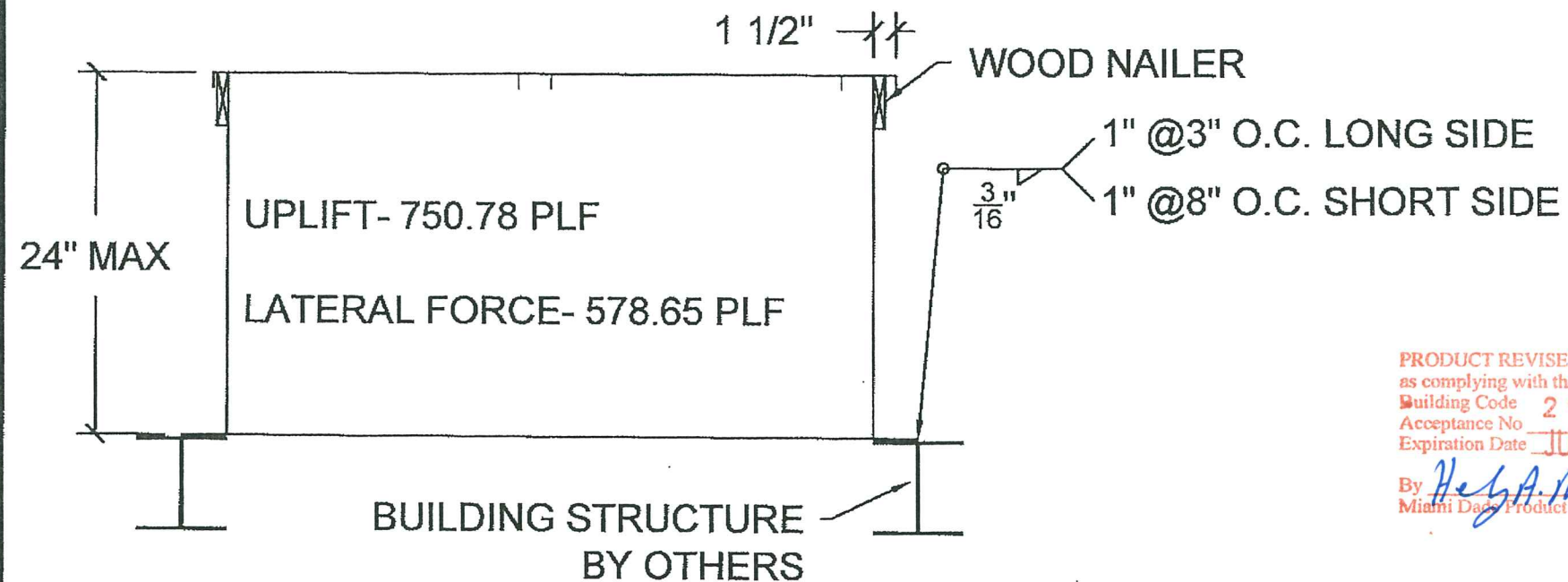
1/16" 1/2" @6" O.C. @ HEIGHT

1" X 1" X12 GA ANGLE (24" MAX. O.C. AROUND PERIMETER)
(45.0 KSI TENSILE STRENGTH STEEL MIN.)

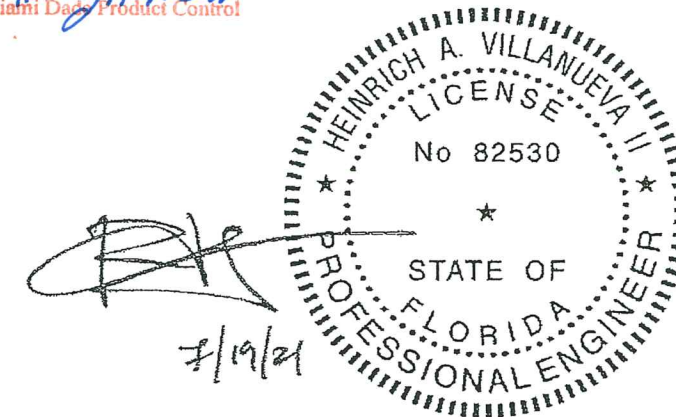
3"

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. REV. DATE: 5-6-21

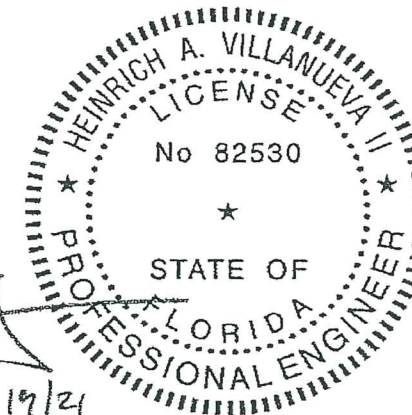
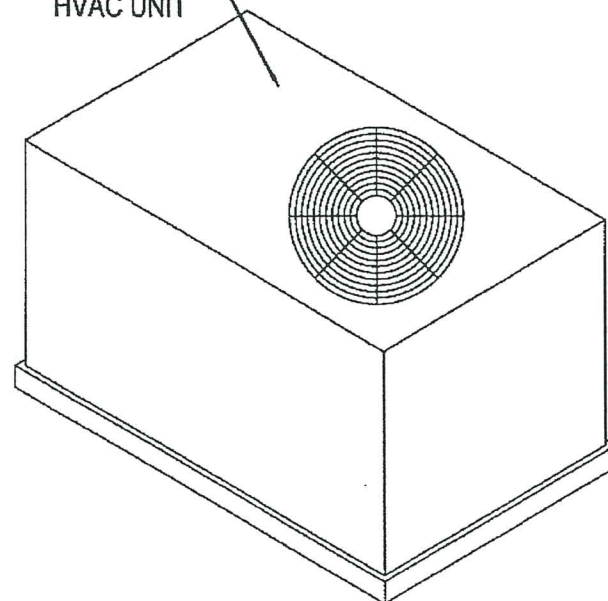


By H. G. A. M. M.
Miami Dade Product Control



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TRANE SUPPLIED
HVAC UNIT



EXP 2-28-2023

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *H.A. Villanueva*
Miami Dade Product Control

CURBS PLUS, Inc.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-003-4

DATE: 12-22-15

NUMBER: 3 OF 10

PRODUCT NAME:

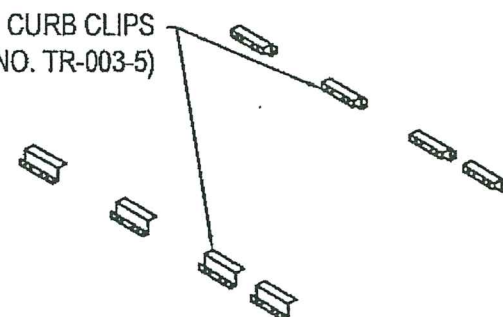
TRANE YSC 036-060

PROFESSIONAL ENGINEER:

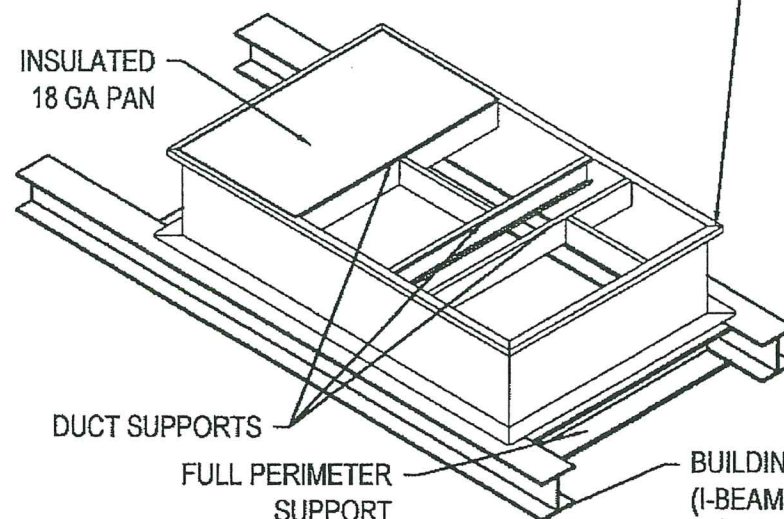
Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

CURB CLIPS
(SEE DWG NO. TR-003-5)



INSULATED
18 GA PAN

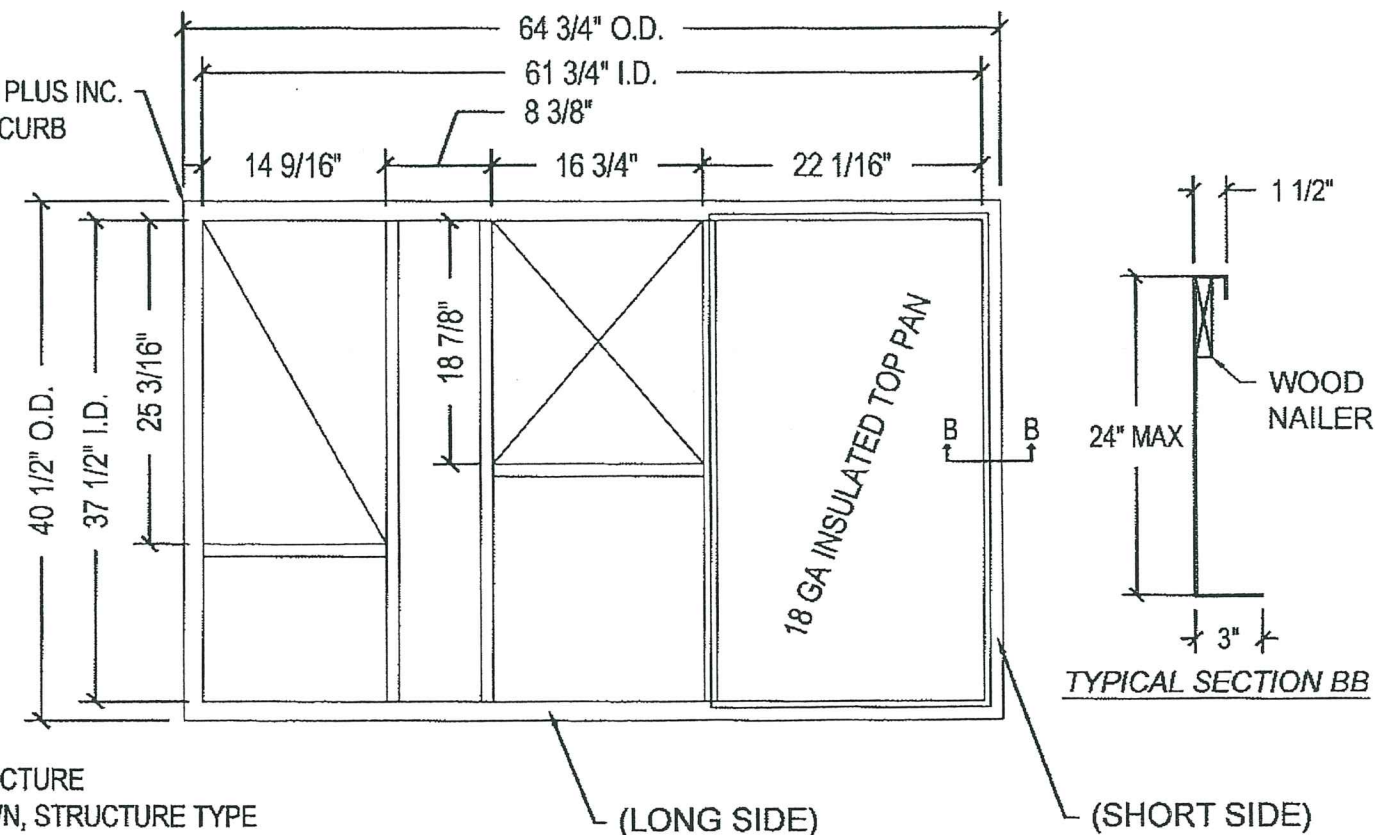


DUCT SUPPORTS

FULL PERIMETER
SUPPORT

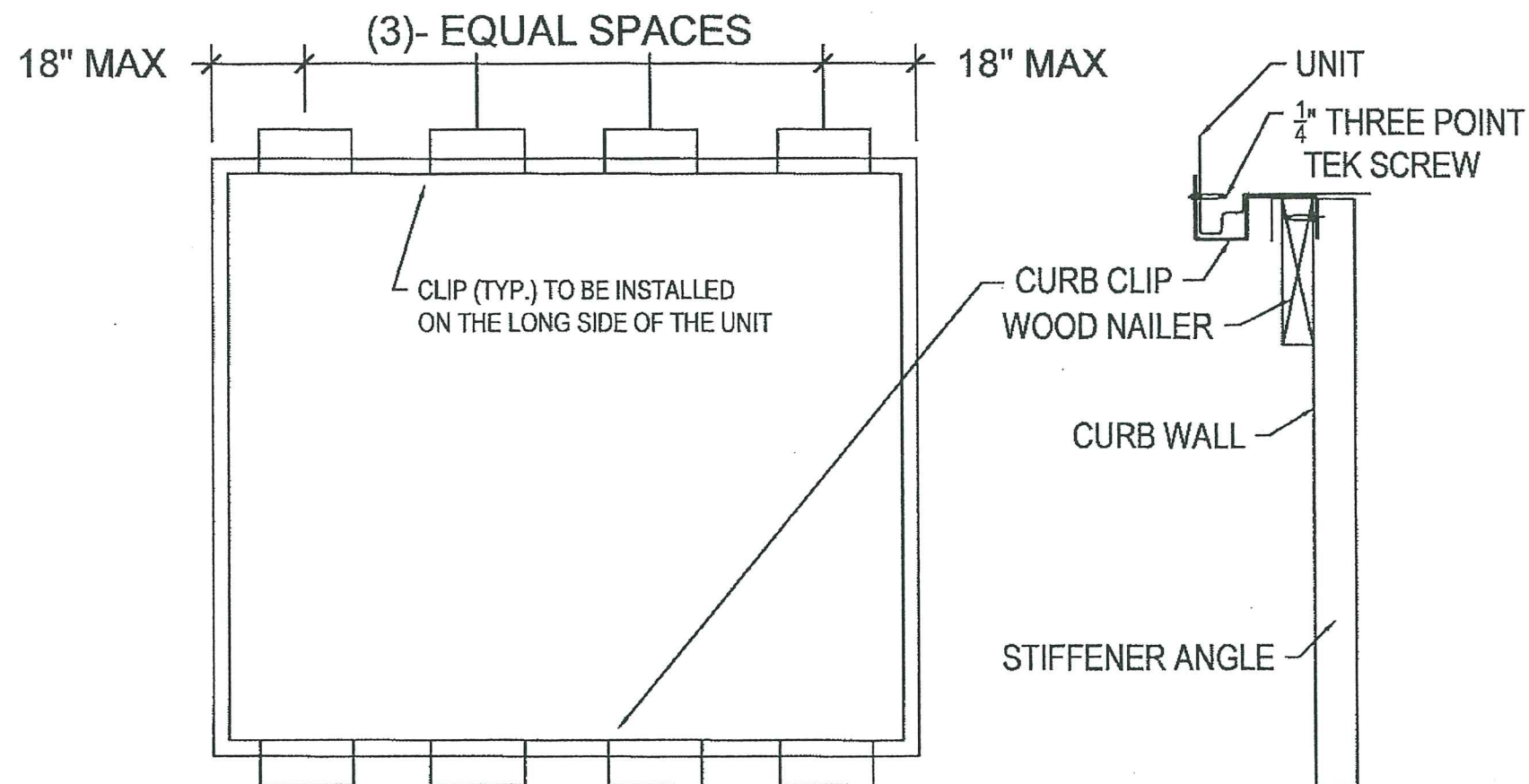
CURBS PLUS INC.
ROOF CURB

BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)



File Name: MIAMI-DADE TR17 2021

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CURBS PLUS, INC.

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Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-003-5

DATE: 12-22-15

NUMBER: 3 OF 10

PRODUCT NAME:

TRANE YSC 036-060

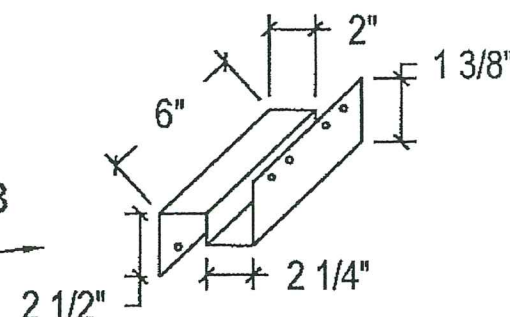
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

(8)- CURB CLIPS MIN. PER CURB

TYPICAL CURB CLIP

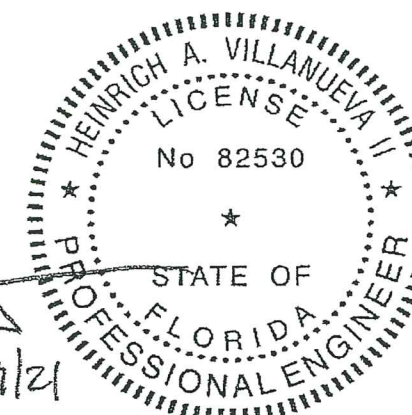


CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
LENGTH= 6"

STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026

By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE DRAWINGS ARE APPLICABLE TO TRANE UNITS T/YSC 072-120

MODELS: PKGP-PRC013G-EN,RT-PRC023AF-EN,RT-PRC037T-EN,RT-PRC039-EN,RT-PRC048G-EN,RT-PRC050E-EN,RT-PRC051E-EN,RT-PRC053A-EN,RT-PRC059-EN,RT-SVX21N-EN,RT-SVX22M-EN,RT-SVX37B-EN,RT-SVX38B-EN,SRV-SLB073-74-EN

TRANE: T/YSC 072-120

MAX. UNIT SIZE:

MAXIMUM LENGTH= 88.63"

MAXIMUM WIDTH = 53.25"

MAXIMUM HEIGHT = 48.88"

UNIT WEIGHTS:

MINIMUM = 642 LBS.

MAXIMUM= 1173 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-004-1

DATE: 12-22-15

NUMBER: 4 OF 10

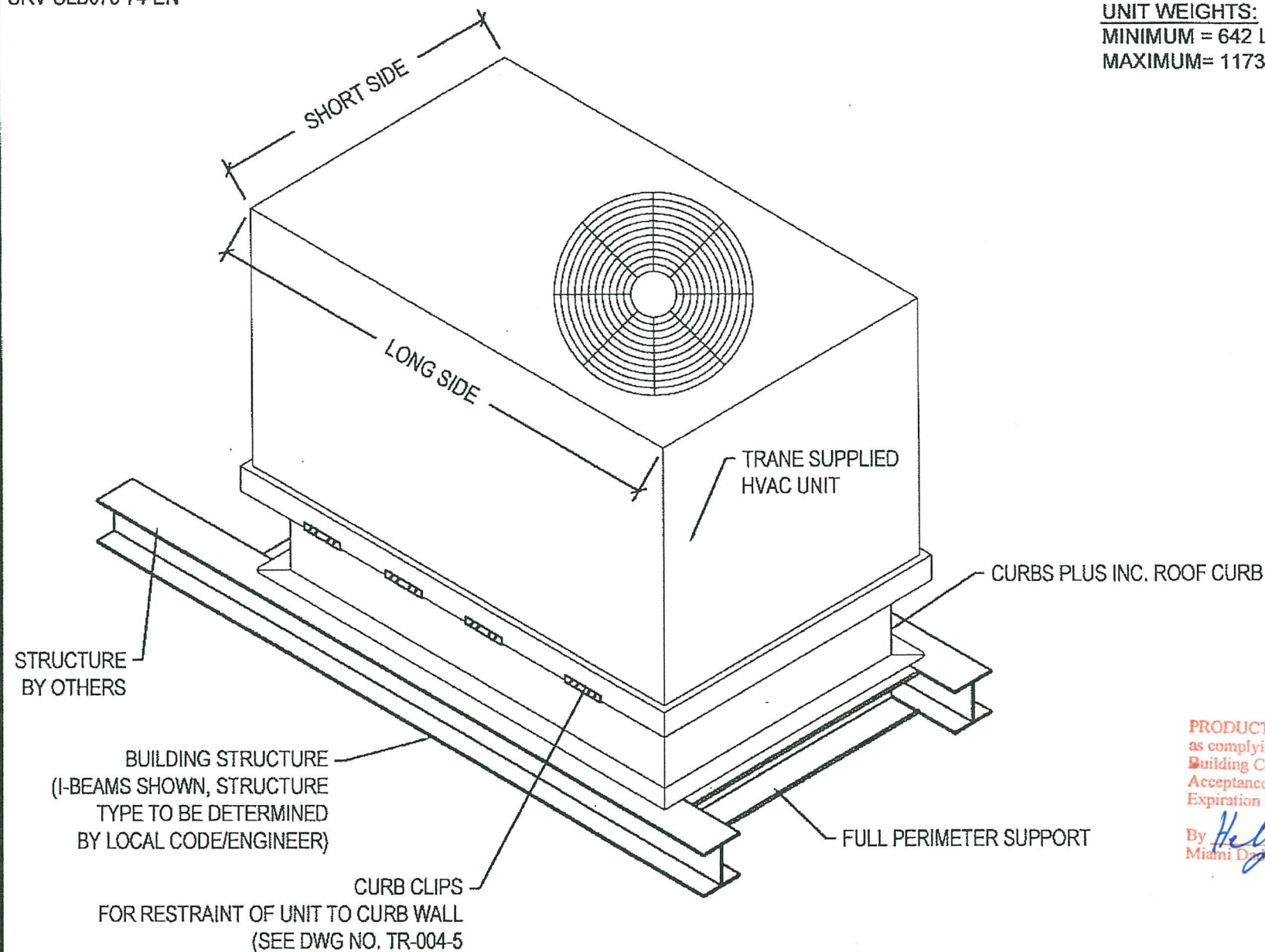
PRODUCT NAME:

TRANE T/YSC 072-120

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

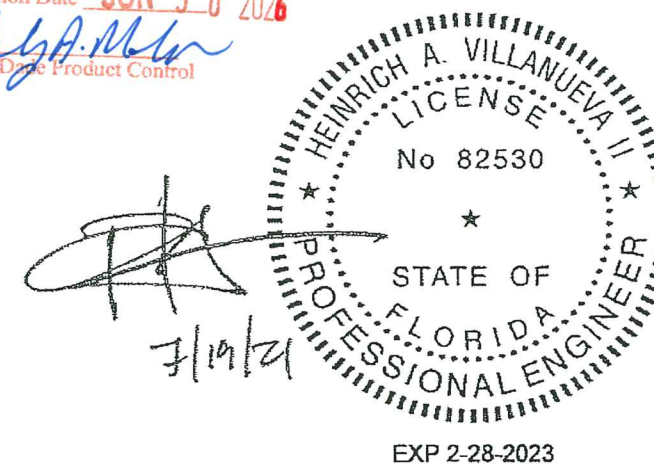
DWG. REV. DATE: 5-6-21



CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at S w.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 6 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = 2 1/2 in all around

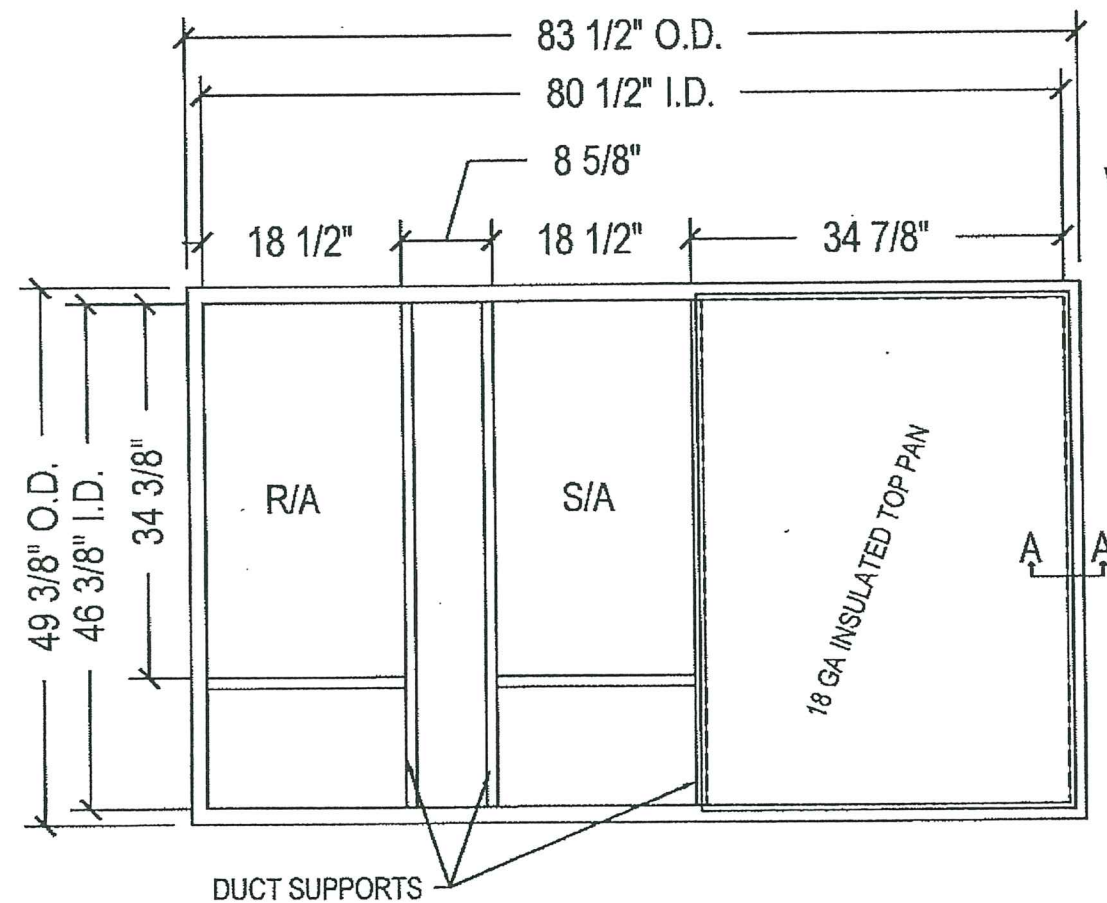
PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



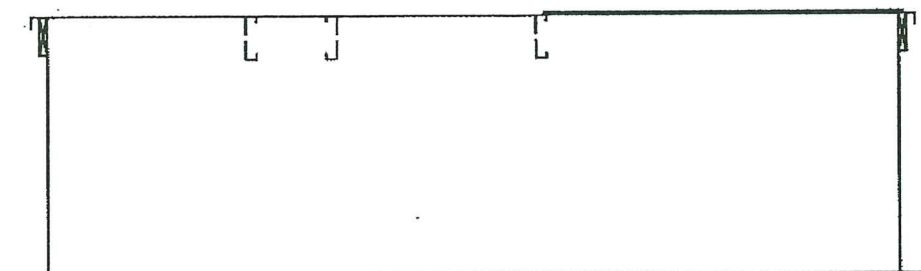
EXP 2-28-2023

File Name:MIAMI-DADE TR16 2021

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DUCT SUPPORTS

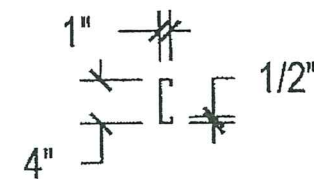


CPC-4 (Uninsulated) Conventional Roof Curb
STANDARD FEATURES

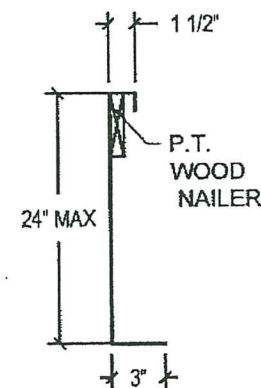
1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

WELD 1"X1" ANGLES TO CURB WALL ON 24" CENTERS

DUCT SUPPORTS CONSTRUCTED
FROM 18 GA GALVANIZED STEEL



DUCT SUPPORT DETAIL



TYPICAL SECTION AA

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-004-2

DATE: 12-22-15

NUMBER: 4 OF 10

PRODUCT NAME:

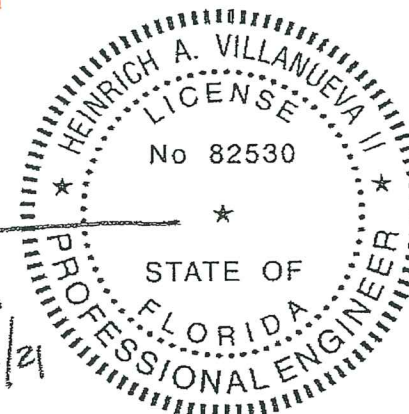
TRANE T/YSC 072-120

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

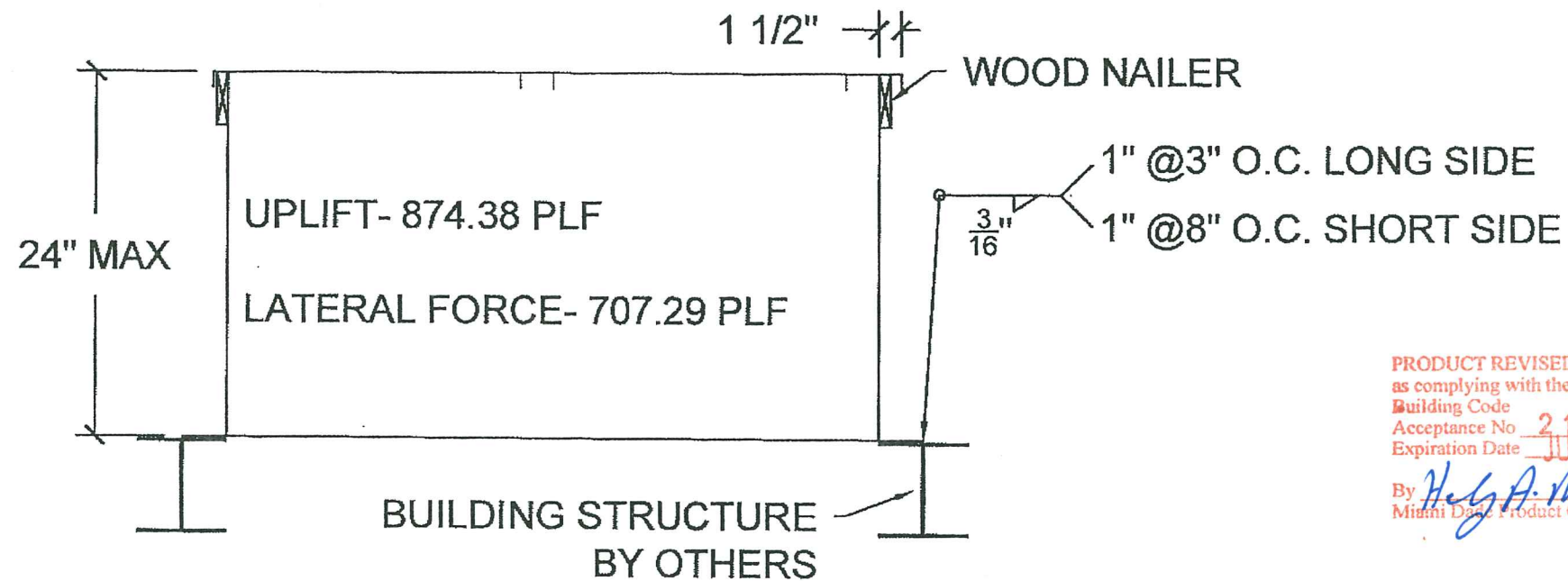
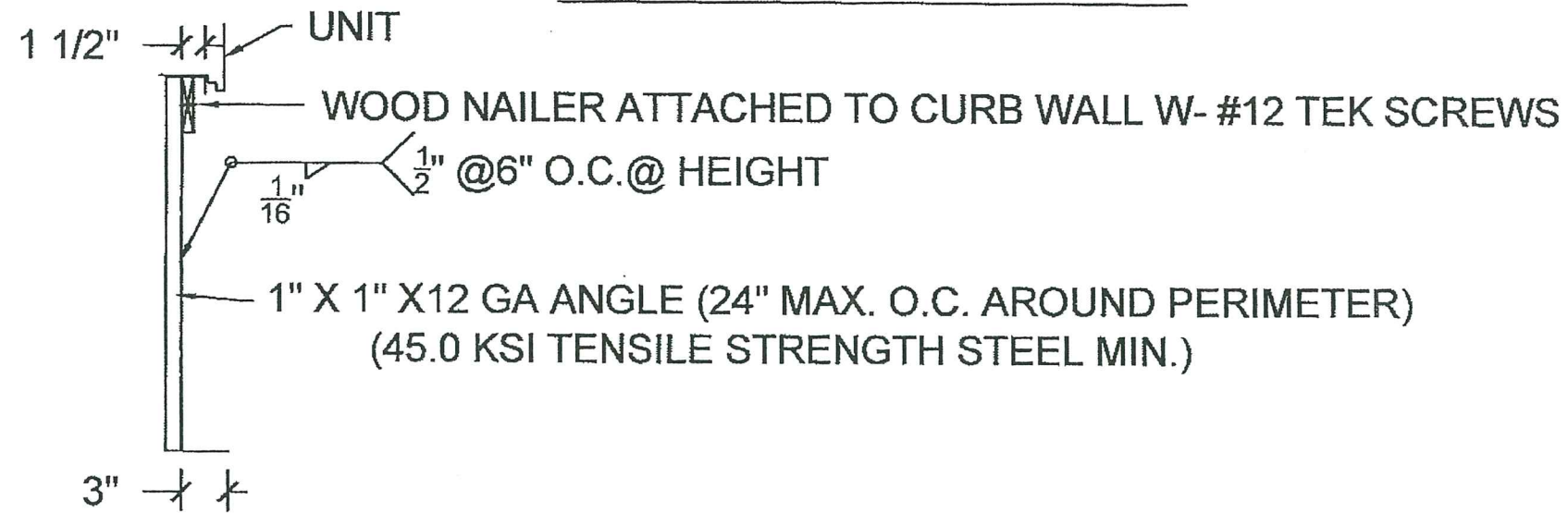
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408-04
Acceptance No
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

CURB STIFFENER ATTACHMENT TO CURB



CURBS PLUS, INC.

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Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-004-3

DATE: 12-22-15

NUMBER: 4 OF 10

PRODUCT NAME:

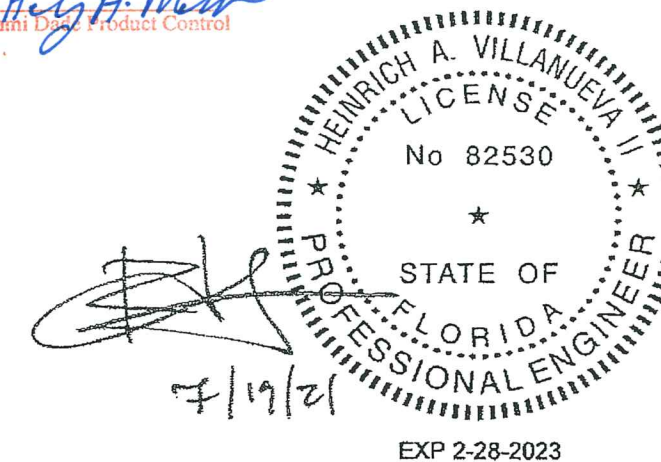
TRANE T/YSC 072-120

PROFESSIONAL ENGINEER:

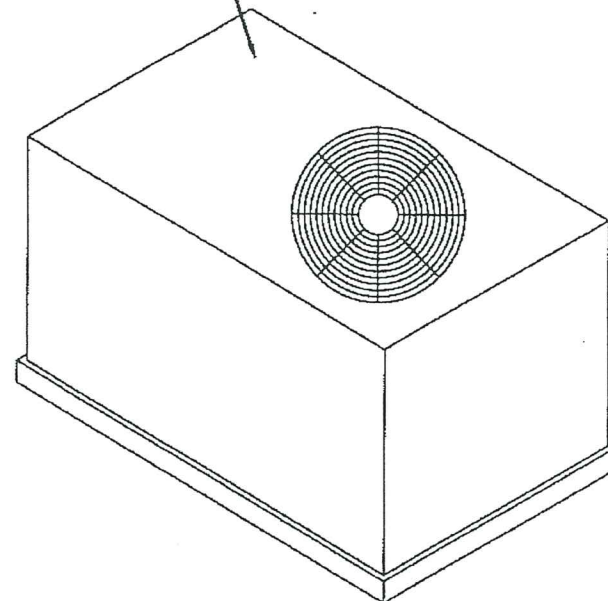
Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By: H. A. Villanueva
Miami Dade Product Control

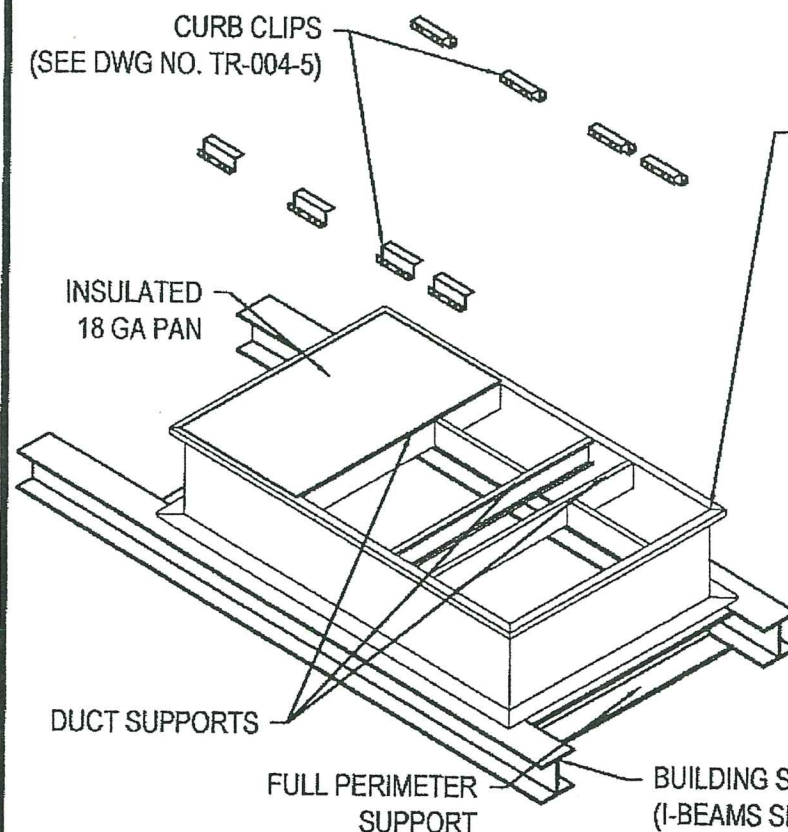


TRANE SUPPLIED
HVAC UNIT



CURB CLIPS
(SEE DWG NO. TR-004-5)

INSULATED
18 GA PAN

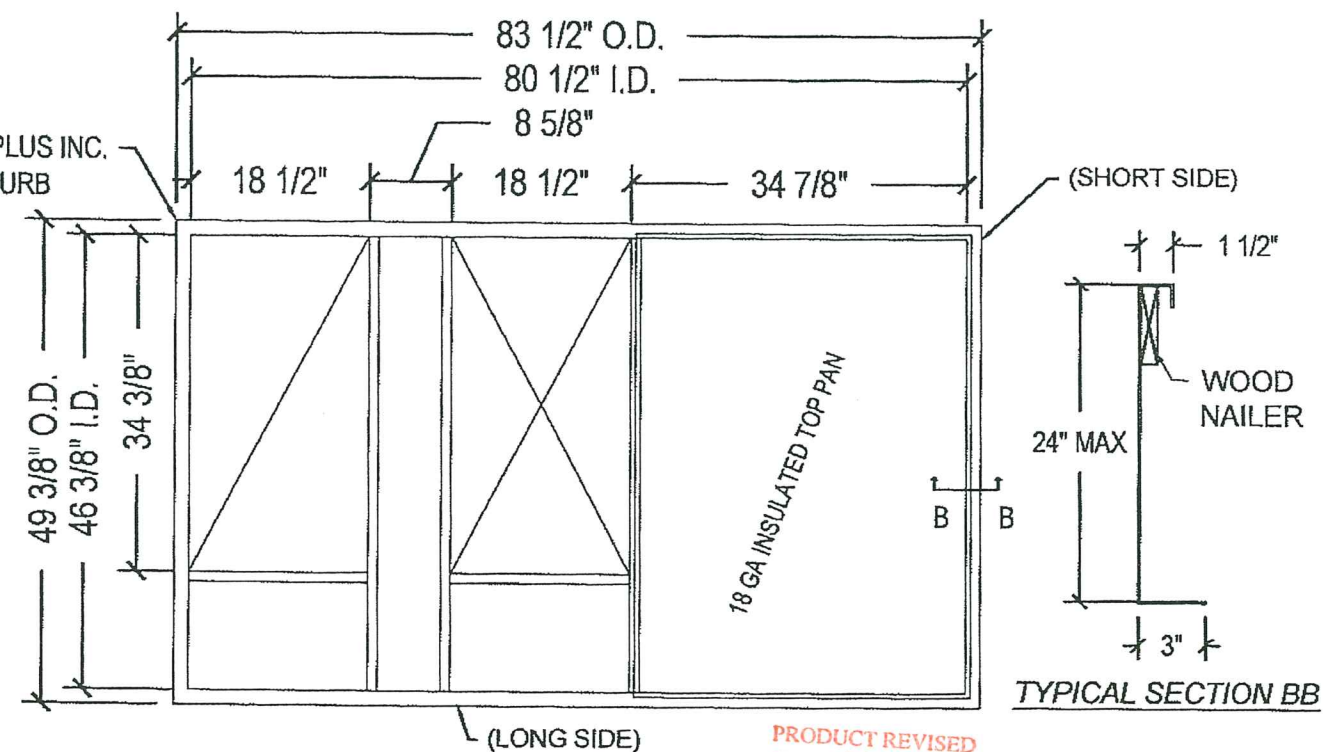


DUCT SUPPORTS

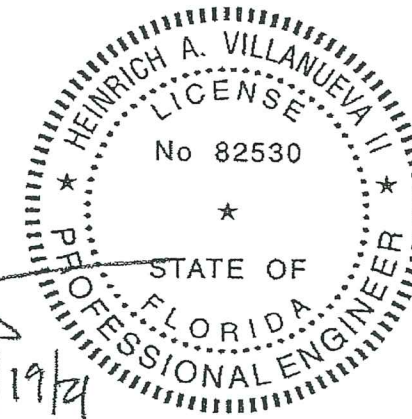
FULL PERIMETER
SUPPORT

BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)

CURBS PLUS INC.
ROOF CURB



PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heidi A. Miller*
Miami Dade Product Control



EXP 2-28-2023

CURBS PLUS, Inc.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-004-4

DATE: 12-22-15

NUMBER: 4 OF 10

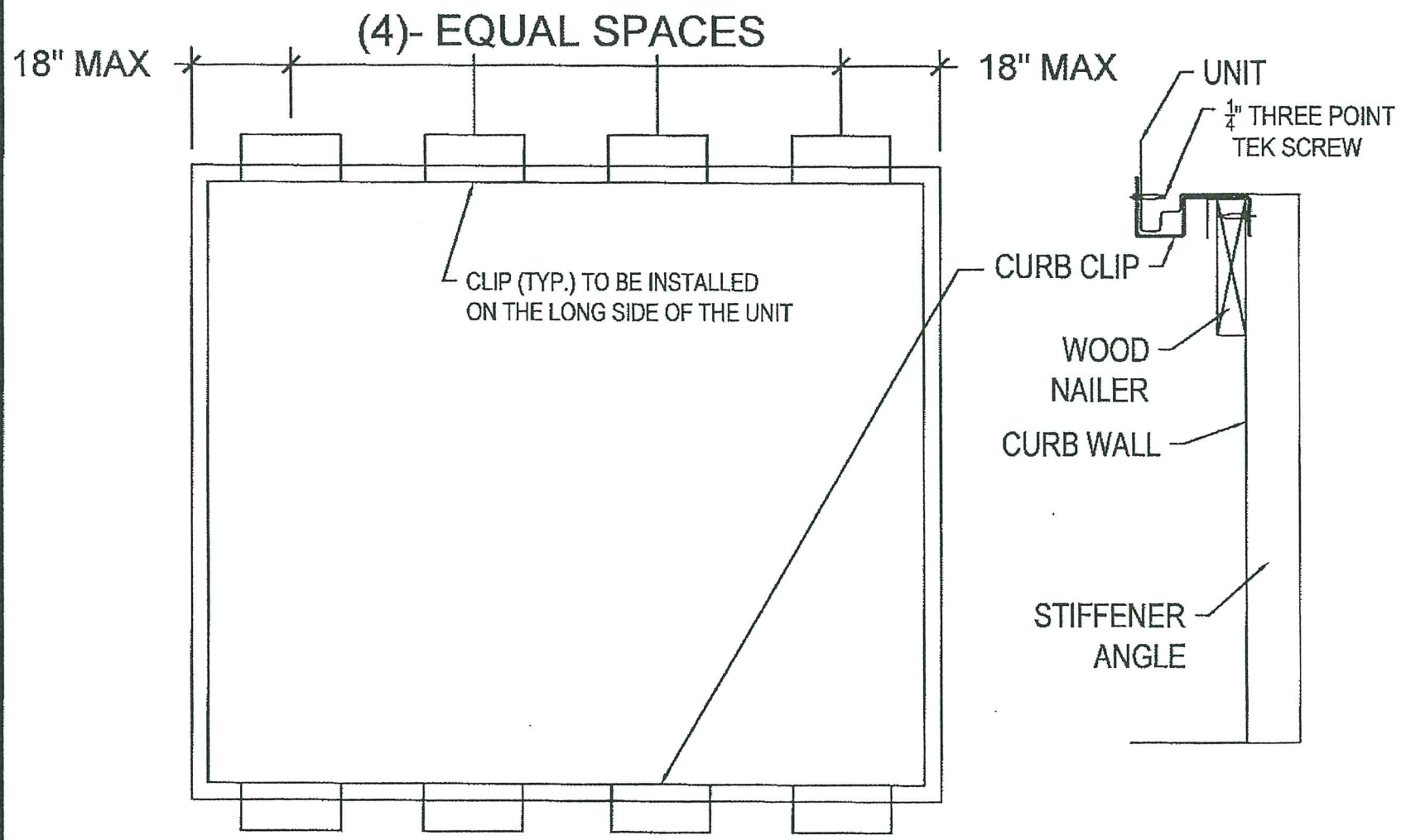
PRODUCT NAME:

TRANE T/YSC 072-120

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

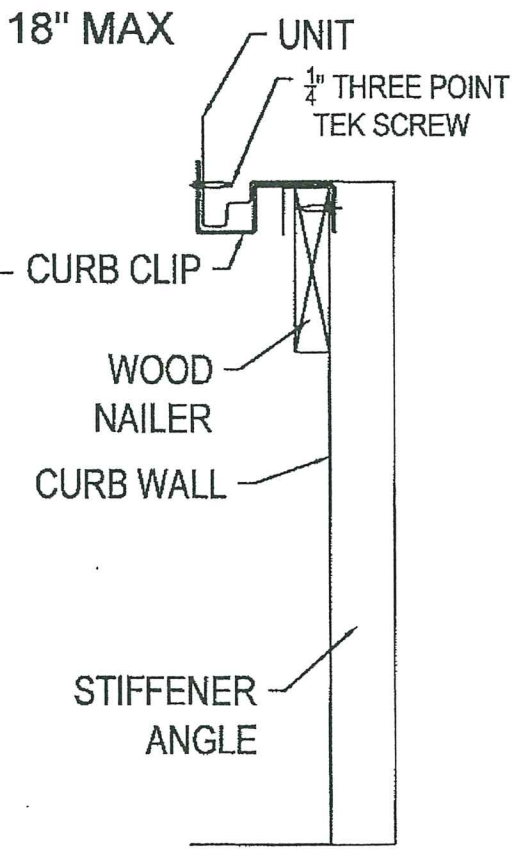
DWG. REV. DATE: 5-6-21



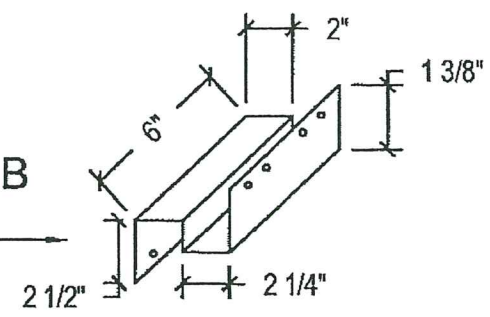
CURBS PLUS, INC.

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 Ringgold, GA 30736
 Phone: (706) 858-1188
 Fax: (706) 866-2339
 website: www.curbs-plus.com

DWG. NO.: TR-004-5
 DATE: 12-22-15
 NUMBER: 4 OF 10
 PRODUCT NAME:
 TRANE T/YSC 072-120
 PROFESSIONAL ENGINEER:
 Heinrich A. Villanueva, PE
 DWG. REV. DATE: 5-6-21

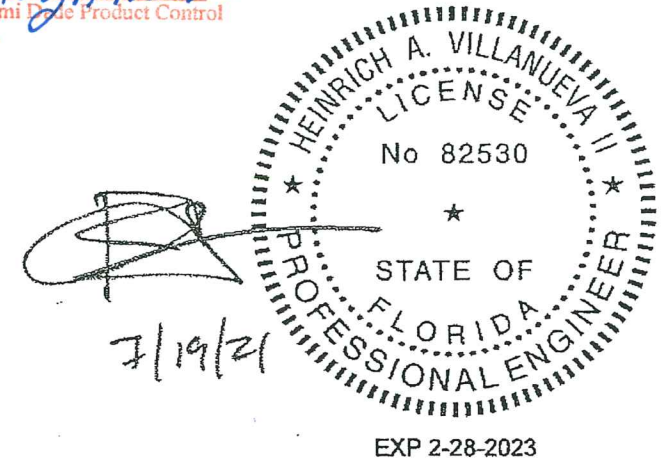


(10)- CURB CLIPS MIN. PER CURB
 TYPICAL CURB CLIP



CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
 LENGTH= 6"
 STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 21-0408-04
 Expiration Date JUN 30 2026
 By *Heinrich A. Villanueva*
 Miami Dade Product Control



THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE DRAWINGS
ARE APPLICABLE TO TRANE UNITS T-YHC 092-120E,WSC 120E

MODELS:

PKGB-PRC013G-EN,RT-PRC023AF-EN,RT-PRC037T-EN,RT-PRC051E-EN,RT-SVX21N-EN,RT-SVX22M-EN,
RT-SVX22M-EN,SRV-SLB073-74-EN

TRANE: T-YHC 092-120E,WSC 120E

MAX. UNIT SIZE:

MAXIMUM LENGTH= 99.75"

MAXIMUM WIDTH = 63.32"

MAXIMUM HEIGHT = 50.88"

UNIT WEIGHTS:

MINIMUM = 904 LBS.

MAXIMUM= 1589 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy

Ringgold, GA 30736

Phone:(706) 858-1188

Fax: (706) 866-2339

website: www.curbs-plus.com

DWG. NO.: TR-005-1

DATE: 12-22-15

NUMBER: 5 OF 10

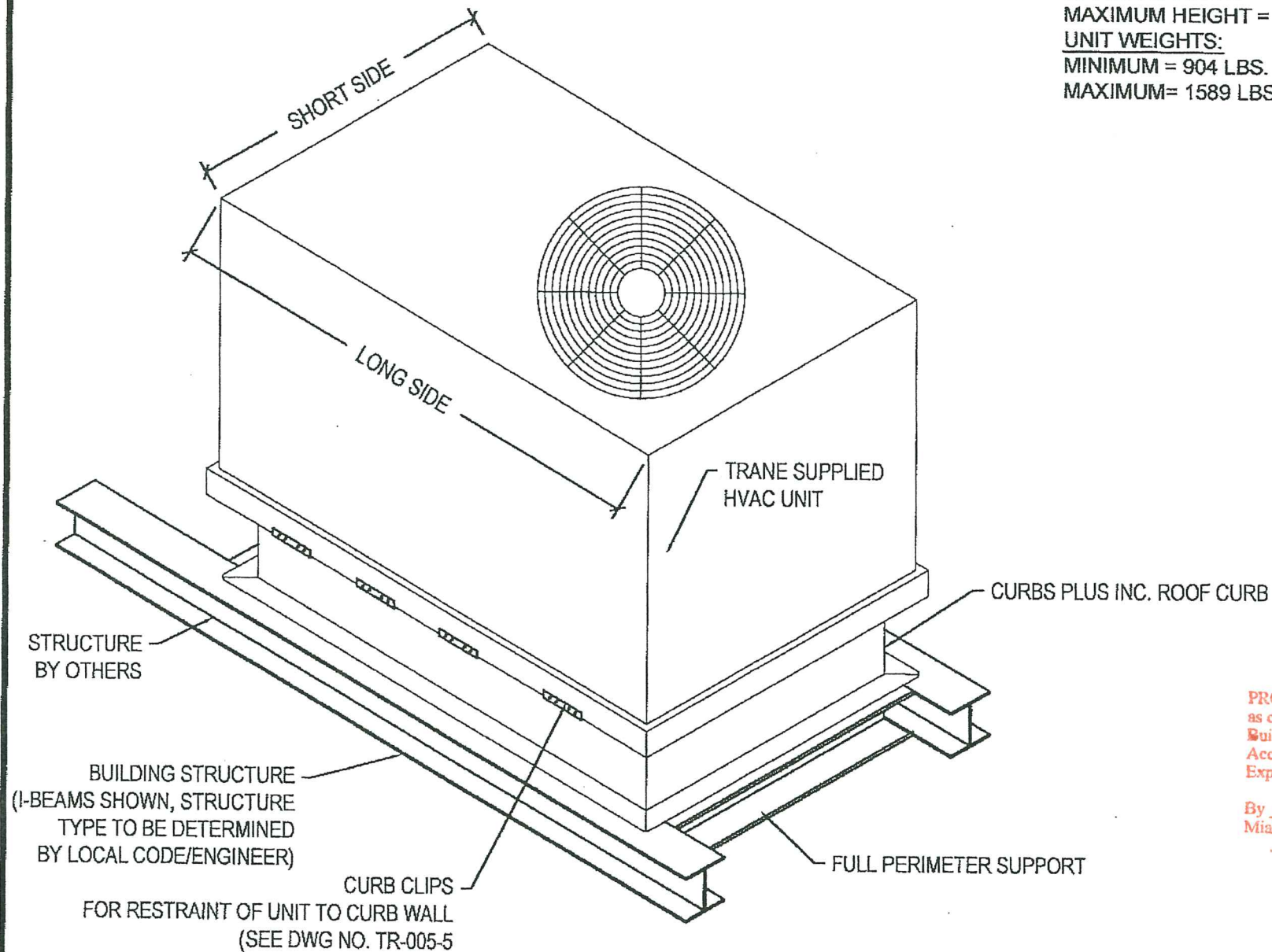
PRODUCT NAME:

TRANE T-YHC 092-120E,WSC120E

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

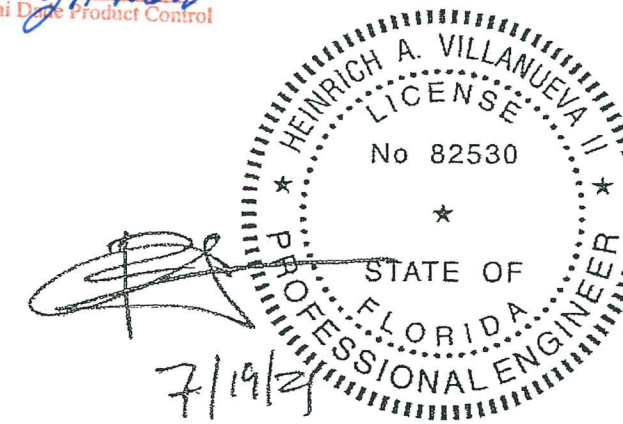


CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 3 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = 2 1/2 in all around

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408-04
Acceptance No
Expiration Date JUN 30 2026

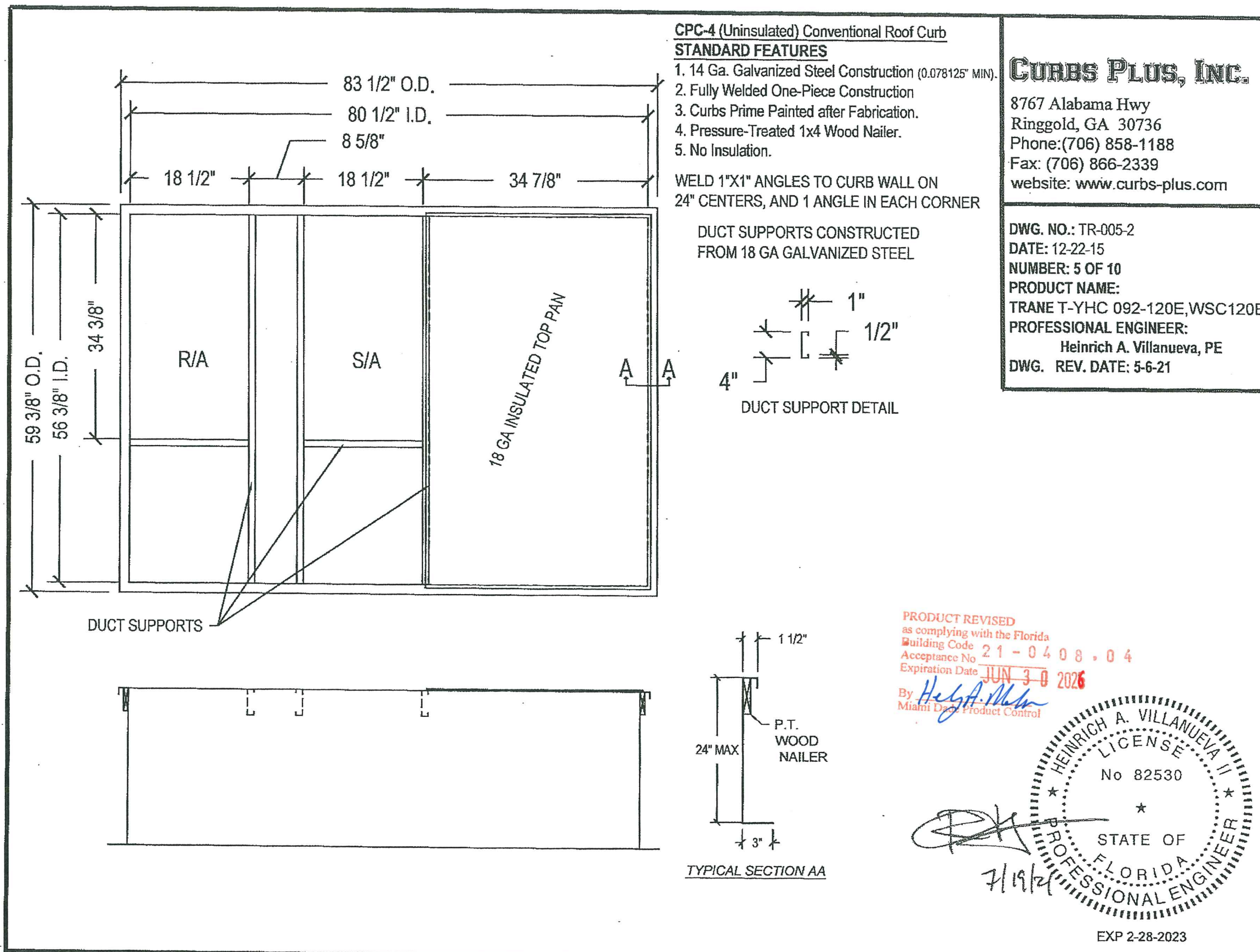
By *H. A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

File Name:MIAMI-DADE TR295 2021

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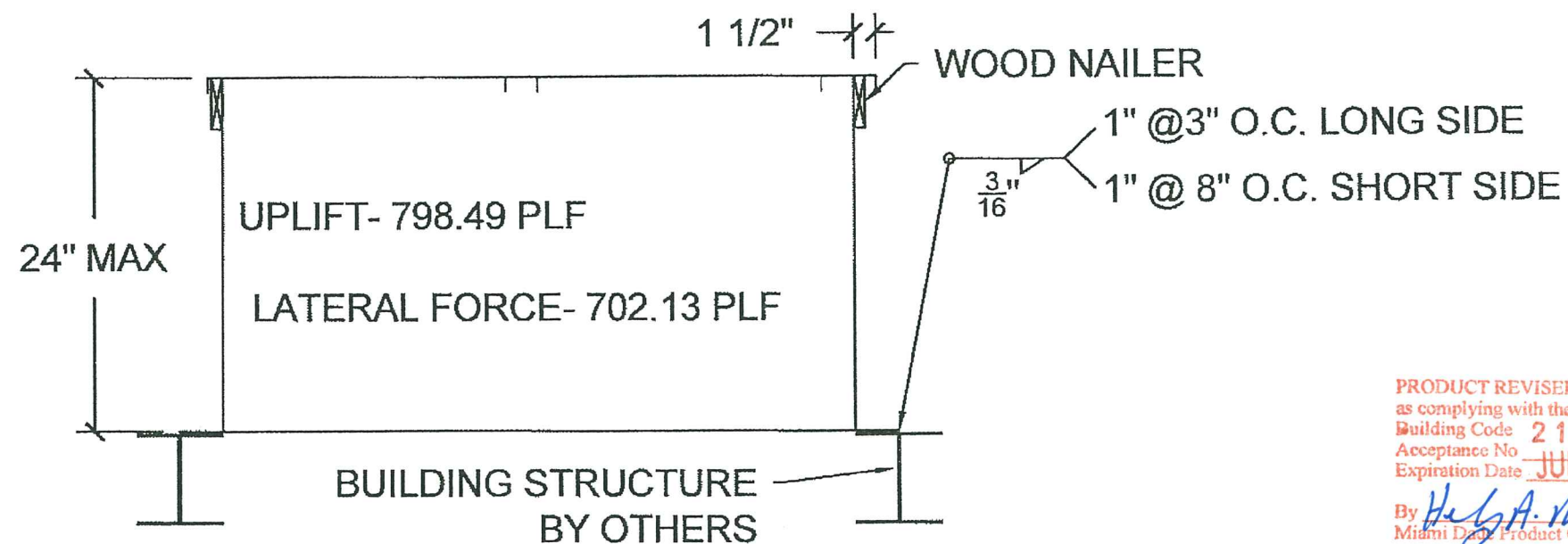
1 1/2" UNIT

WOOD NAILER ATTACHED TO CURB WALL W- #12 TEK SCREWS

1" @ 6" O.C. @ HEIGHT

1" X 1" X 12 GA ANGLE (24" MAX. O.C. AROUND PERIMETER)
(45.0 KSI TENSILE STRENGTH STEEL MIN.)

3"

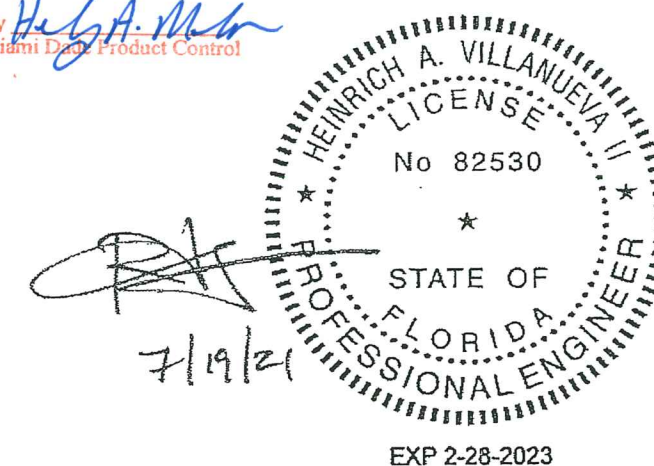


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Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-005-3
DATE: 12-22-15
NUMBER: 5 OF 10
PRODUCT NAME:
TRANET-YHC-092-120E, WSC120E
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

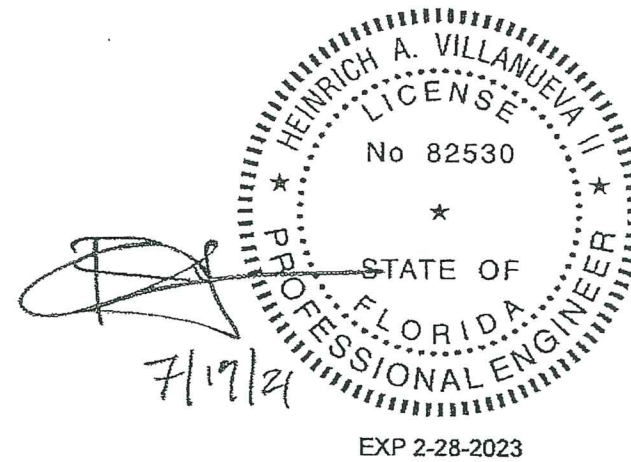
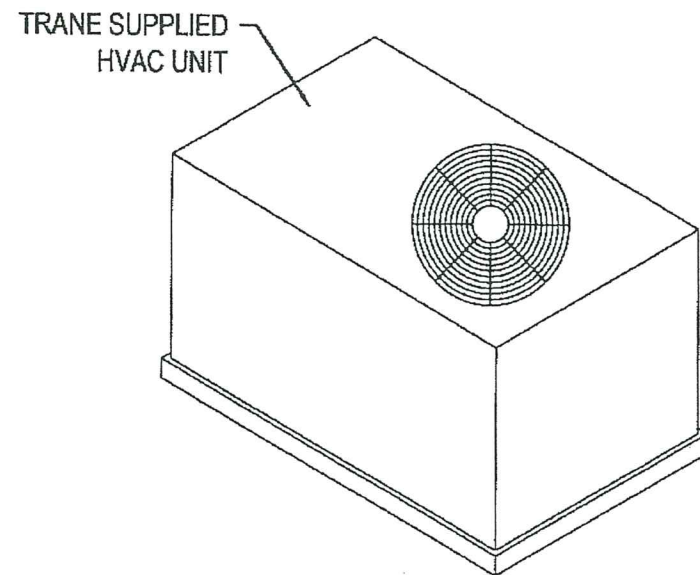
PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN-30 2026

By H. G. A. M. M.
Miami Dade Product Control



EXP 2-28-2023

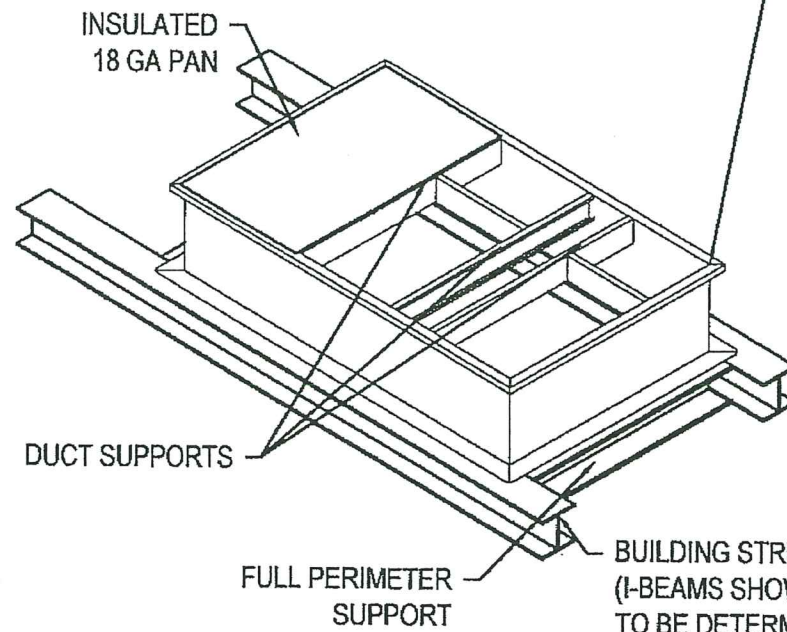
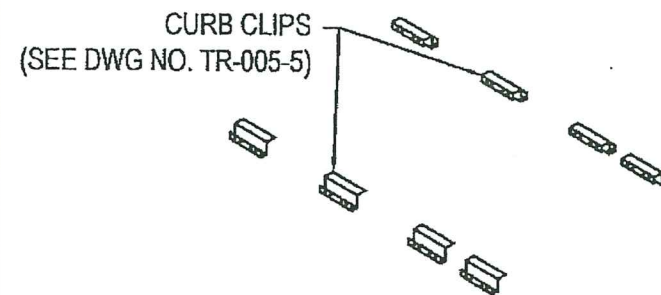
©2003 Curbs Plus, Inc.



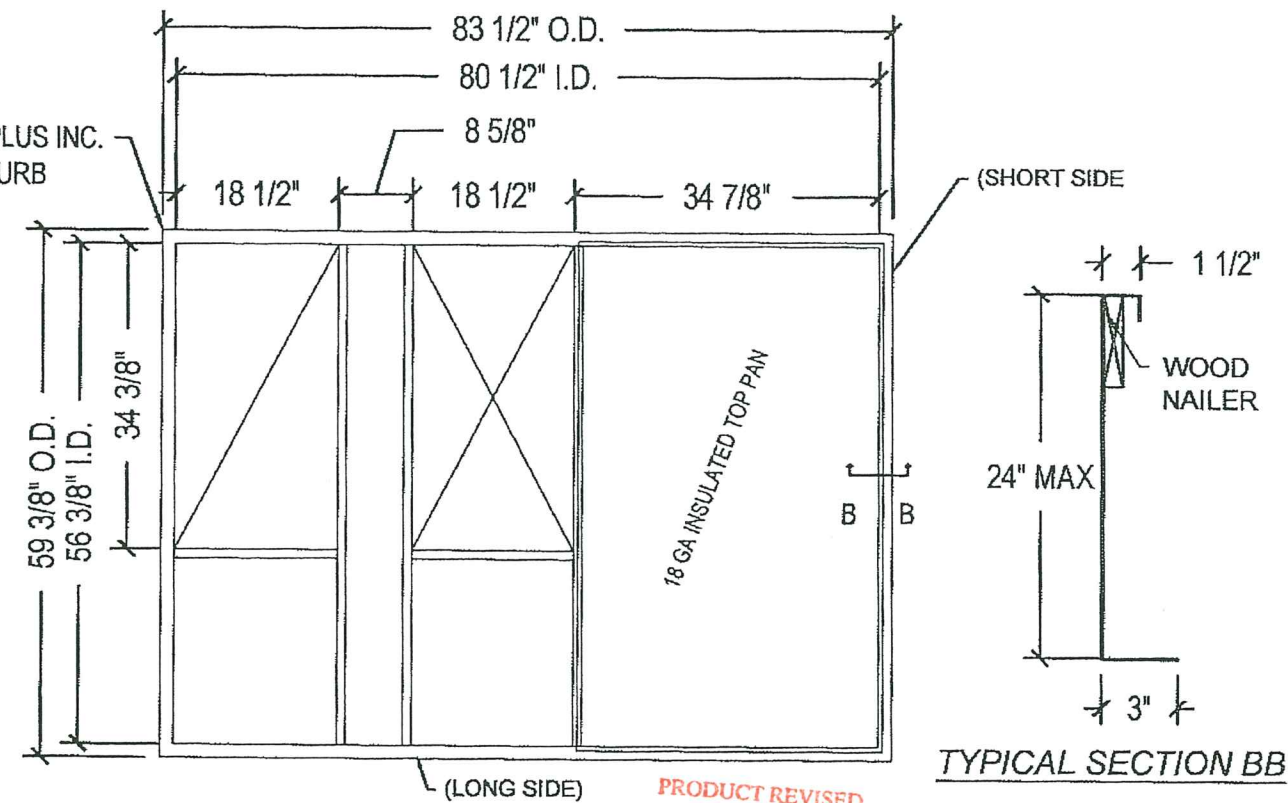
CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-005-4
DATE: 12-22-15
NUMBER: 5 OF 10
PRODUCT NAME:
TRANE T-YHC 092-120E, WSC120E
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21



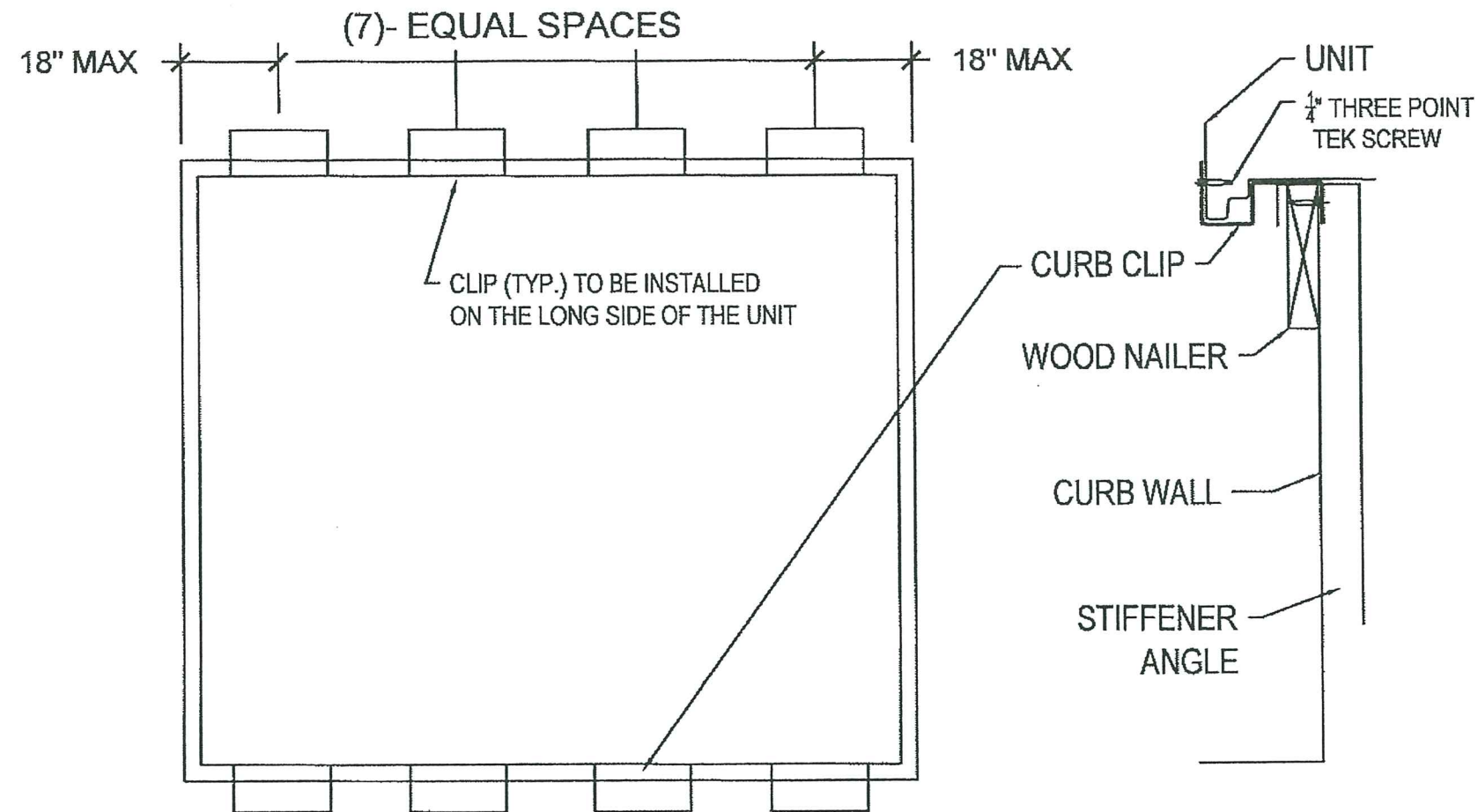
CURBS PLUS INC.
ROOF CURB



PRODUCT REVISED
as complying with the Florida
Building Code JUN 30 2026
Acceptance No
Expiration Date 21-0408-04
By *Heinrich A. Villanueva*
Miami Date Product Control

File Name: MIAMI-DADE TR295 2021

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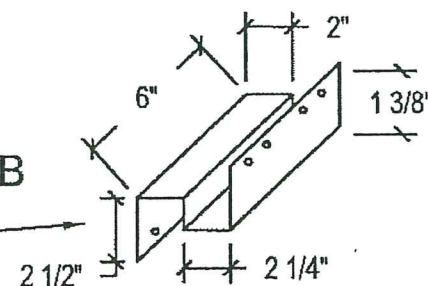
CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-005-5
DATE: 12-22-15
NUMBER: 5 OF 10
PRODUCT NAME:
TRANE T-YHC 092-120E, WSC120E
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

(16)- CURB CLIPS MIN. PER CURB

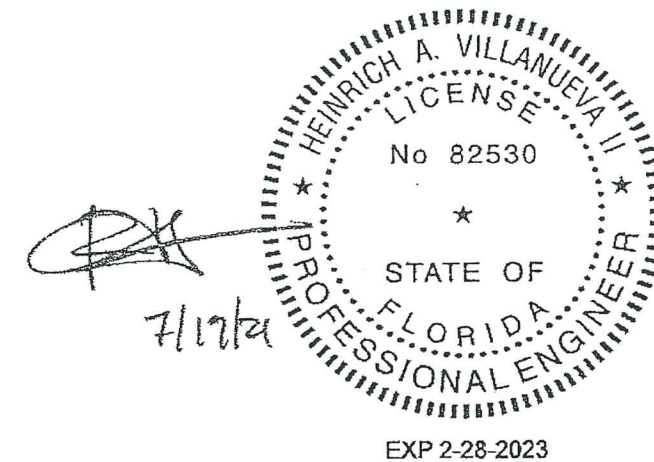
TYPICAL CURB CLIP



CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
LENGTH= 6"

STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN
THESE DRAWINGS ARE APPLICABLE TO TRANE UNITS T/YSD 150E/F
MODELS: RT-PRC028U-EN,RT-PRC038E-EN,RT-SVX25G-EN,RT-SVX26J-EN,

TRANE: T/YSD 150E/F
MAX. UNIT SIZE:
MAXIMUM LENGTH= 106.69"
MAXIMUM WIDTH = 70.81"
MAXIMUM HEIGHT = 50.13"
UNIT WEIGHTS:
MINIMUM = 1409 LBS.
MAXIMUM= 2630 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone:(706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-006-1

DATE: 12-22-15

NUMBER: 6 OF 10

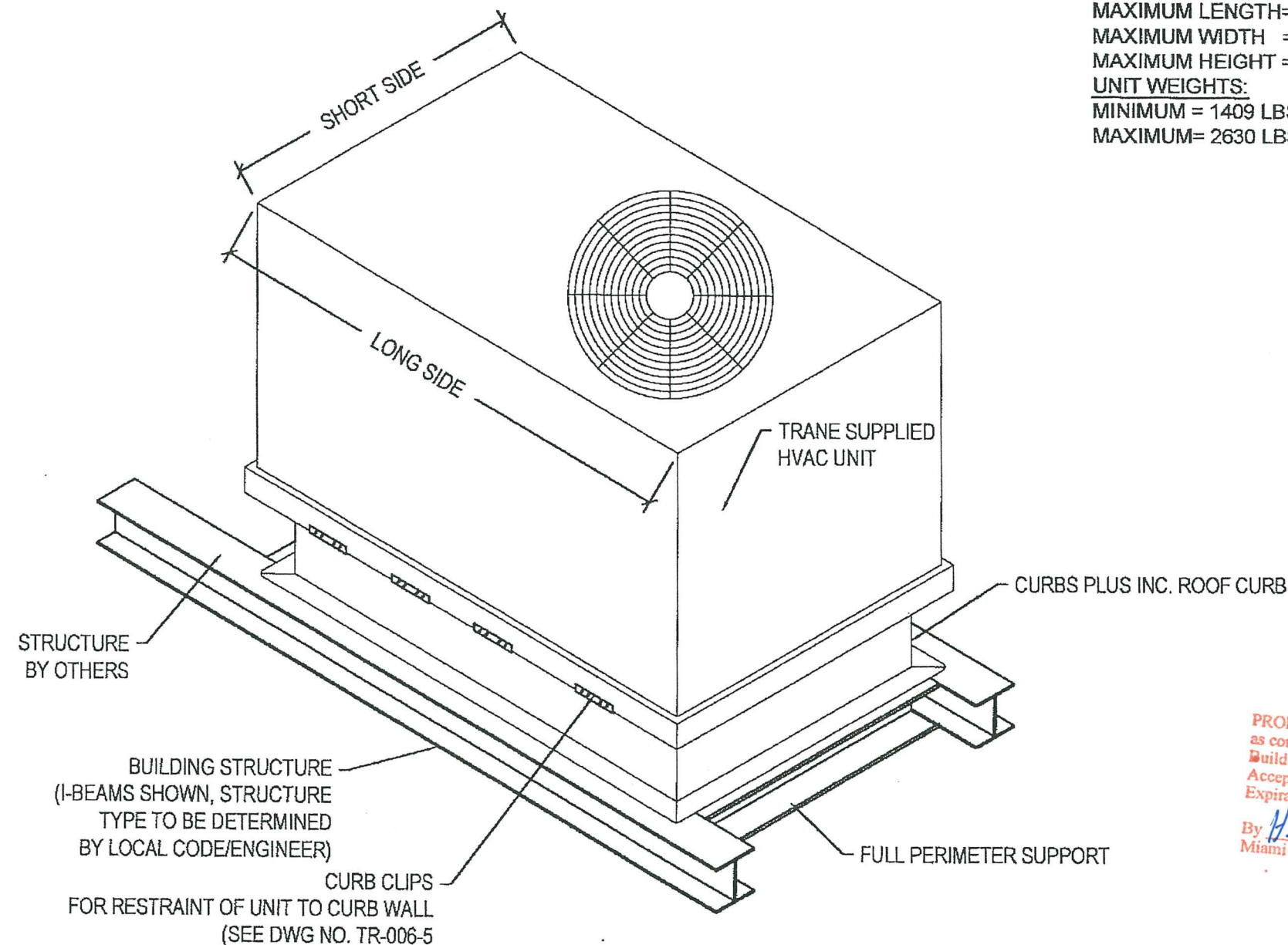
PRODUCT NAME:

TRANE T/YSD 150E/F

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

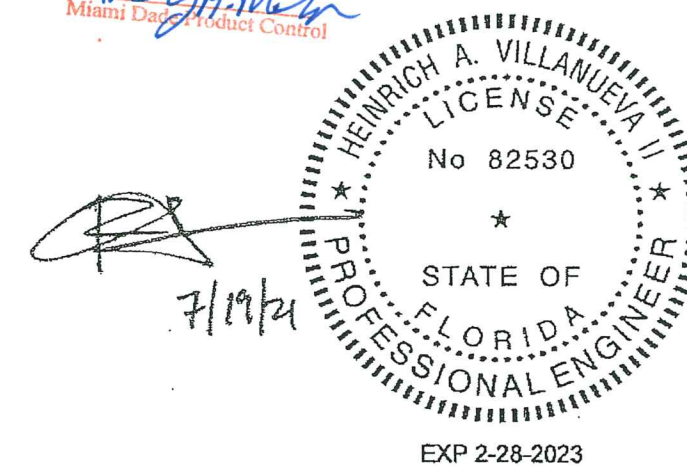
DWG. REV. DATE: 5-6-21



CURBS CONNECTION TO STRUCTURE

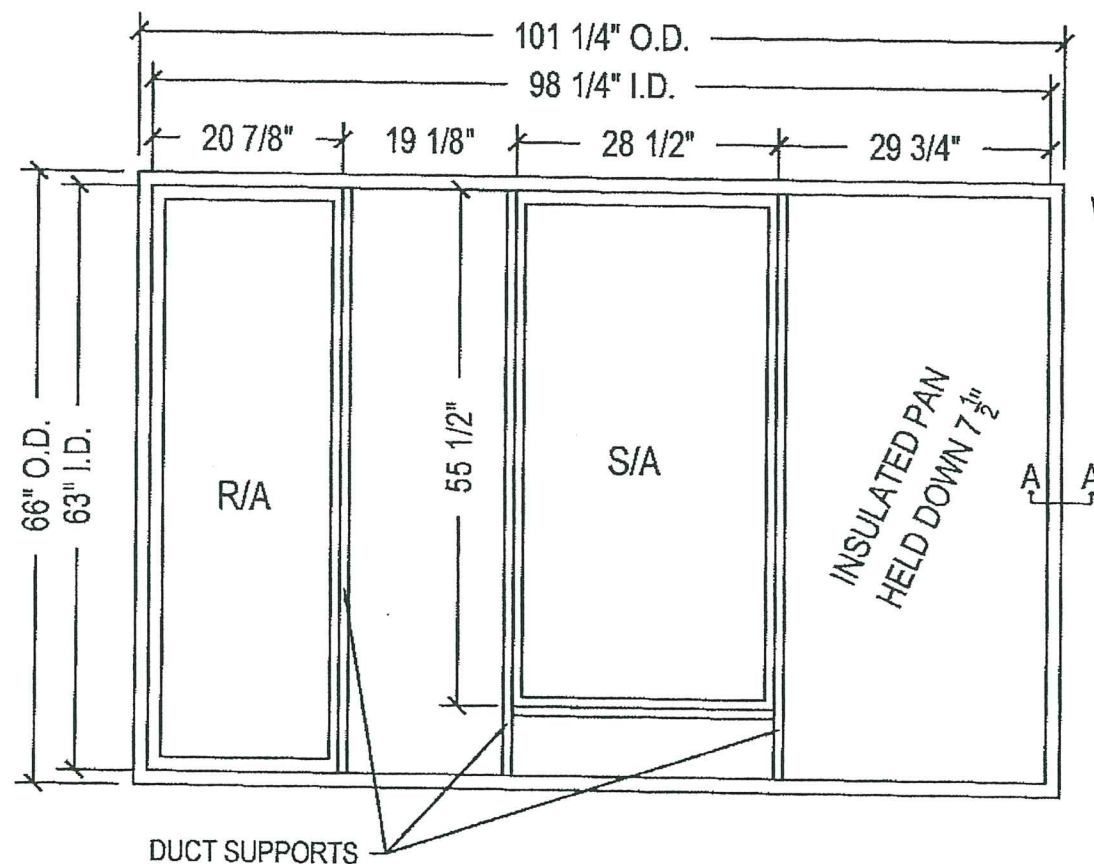
1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 6 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = 2 1/2 in all around

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408-04
Acceptance No
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

NOTE: ALL CURB WALLS HAVE A 1 1/2" DUCT FLANGE
ALL CURB CHANNELS HAVE A 1" DUCT FLANGE

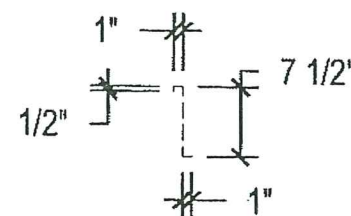


CPC-4 (Uninsulated) Conventional Roof Curb
STANDARD FEATURES

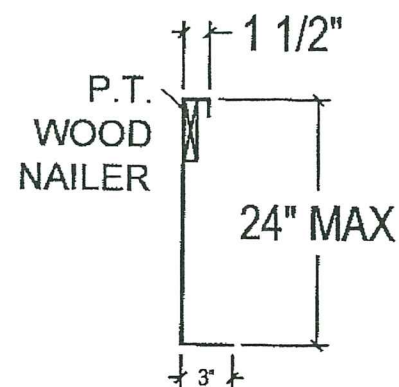
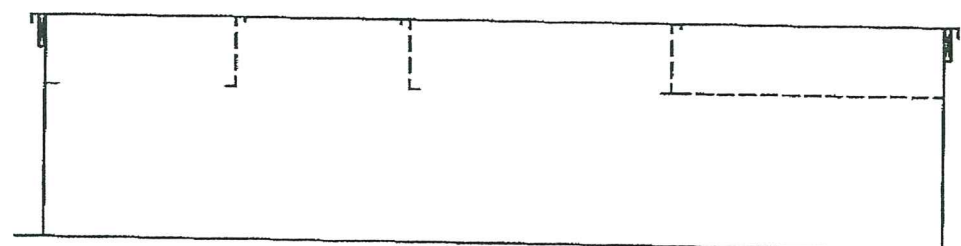
1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

WELD 1"X1" ANGLES TO CURB WALL ON 24" CENTERS

DUCT SUPPORTS CONSTRUCTED
FROM 18 GA GALVANIZED STEEL



DUCT SUPPORT DETAIL



TYPICAL SECTION AA

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-006-2

DATE: 12-22-15

NUMBER: 6 OF 10

PRODUCT NAME:

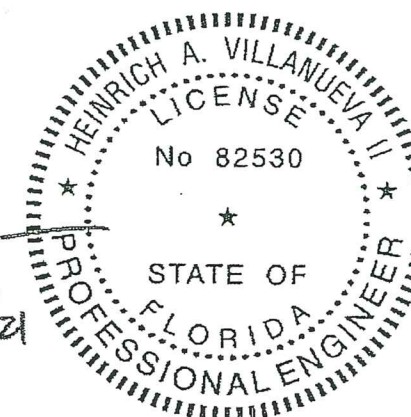
TRANE T/YSO 150E/F

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

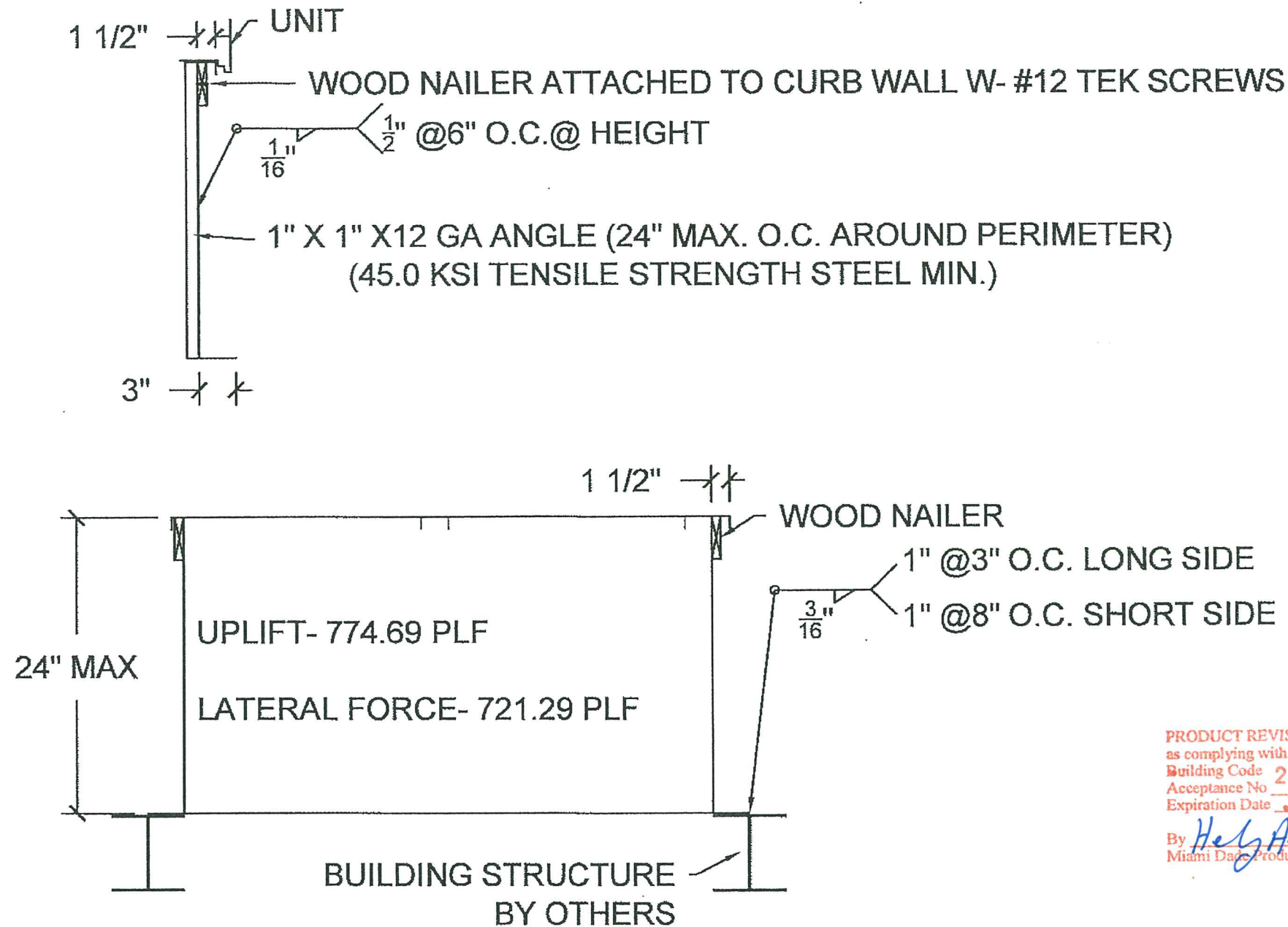
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

CURB STIFFENER ATTACHMENT TO CURB



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-006-3

DATE: 12-22-15

NUMBER: 6 OF 10

PRODUCT NAME:

TRANE T/YSO 150E/F

PROFESSIONAL ENGINEER:

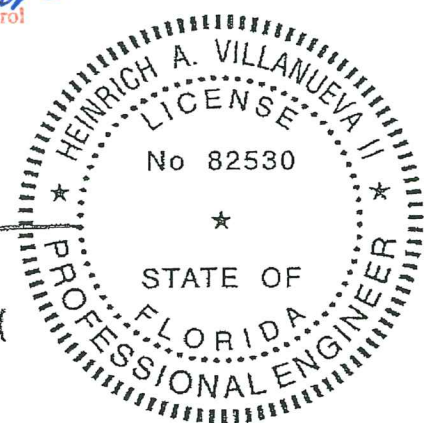
Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

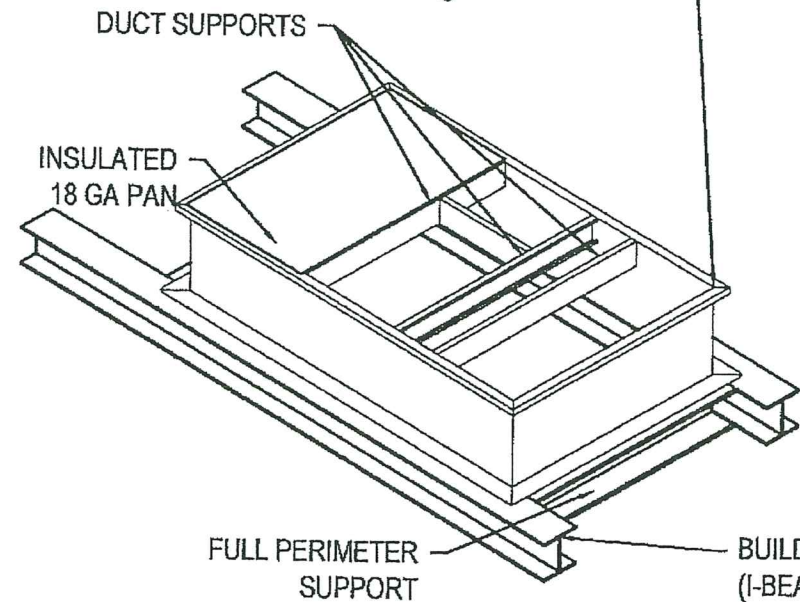
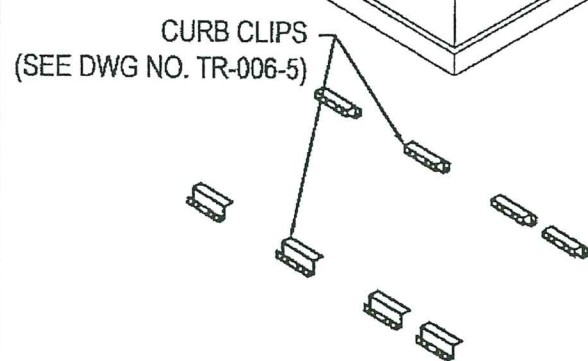
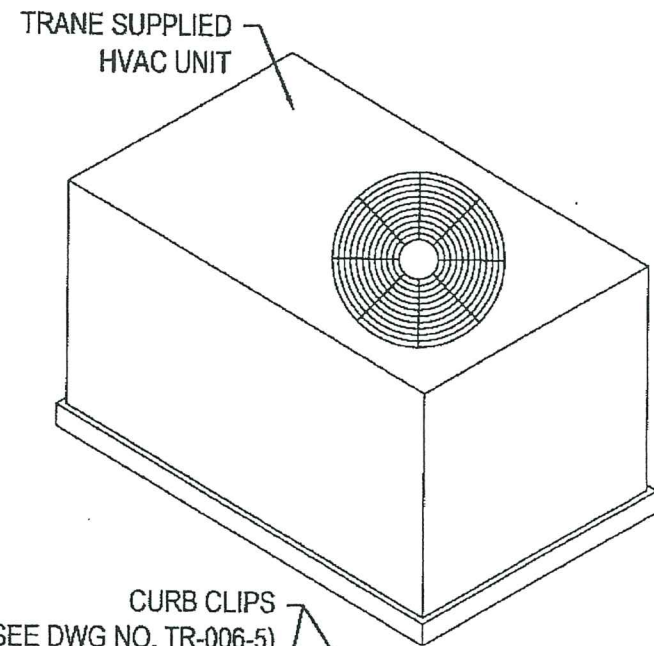
PRODUCT REVISED
as complying with the Florida
Building Code 21-0408-04
Acceptance No
Expiration Date JUN 30 2026

By *Heinrich A. Villanueva*
Miami Dade Product Control

PH
7/19/21

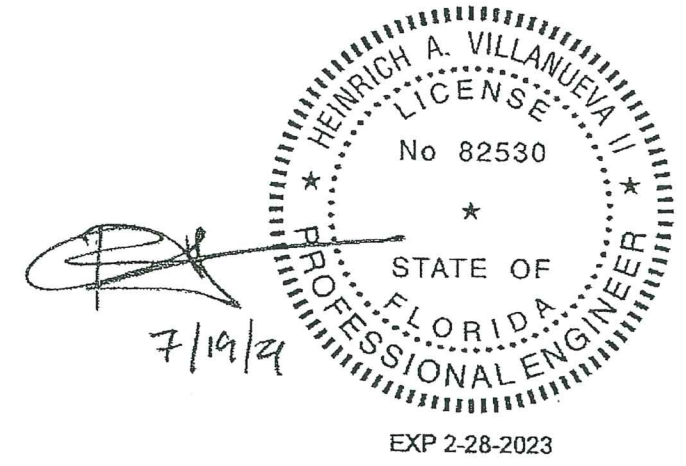


EXP 2-28-2023



CURBS PLUS INC.
ROOF CURB

BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)

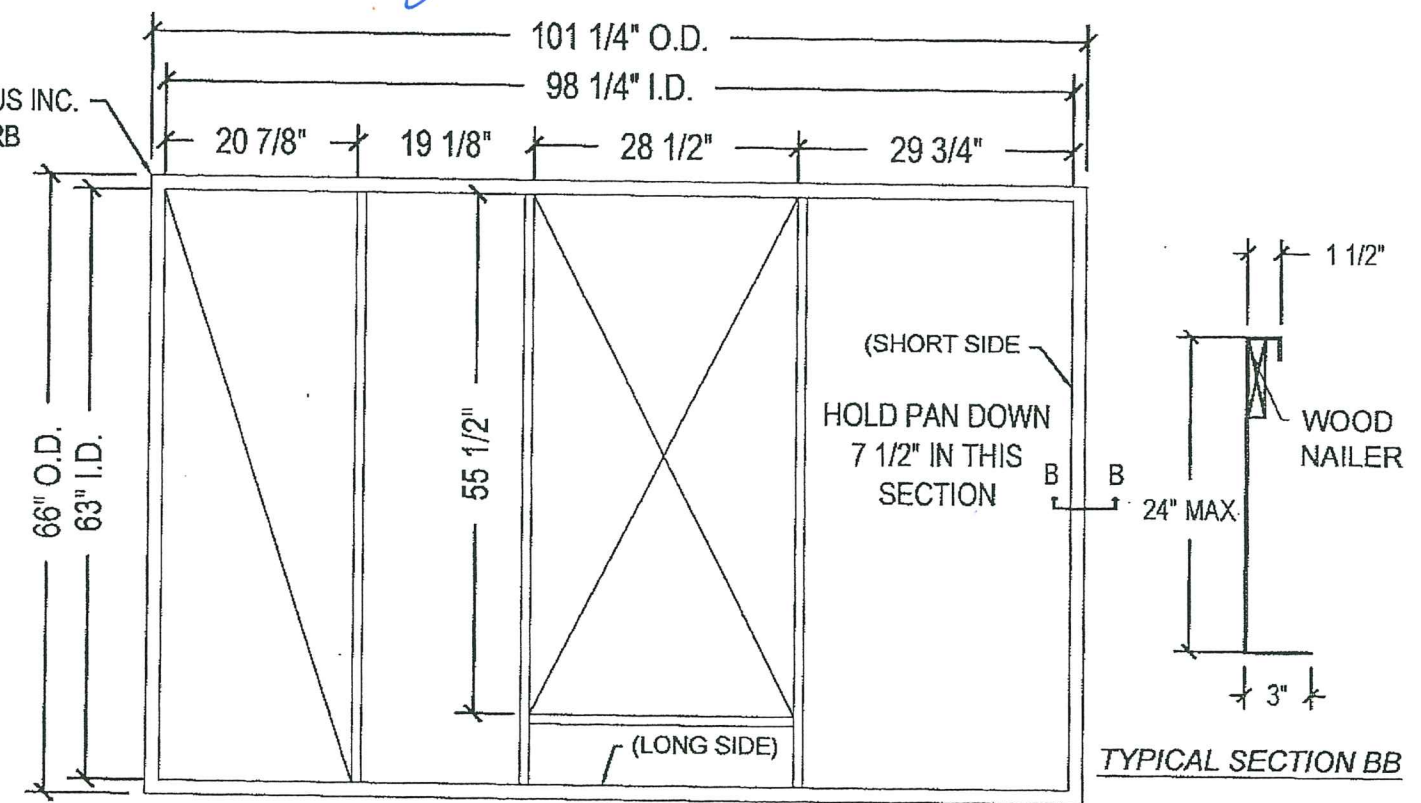


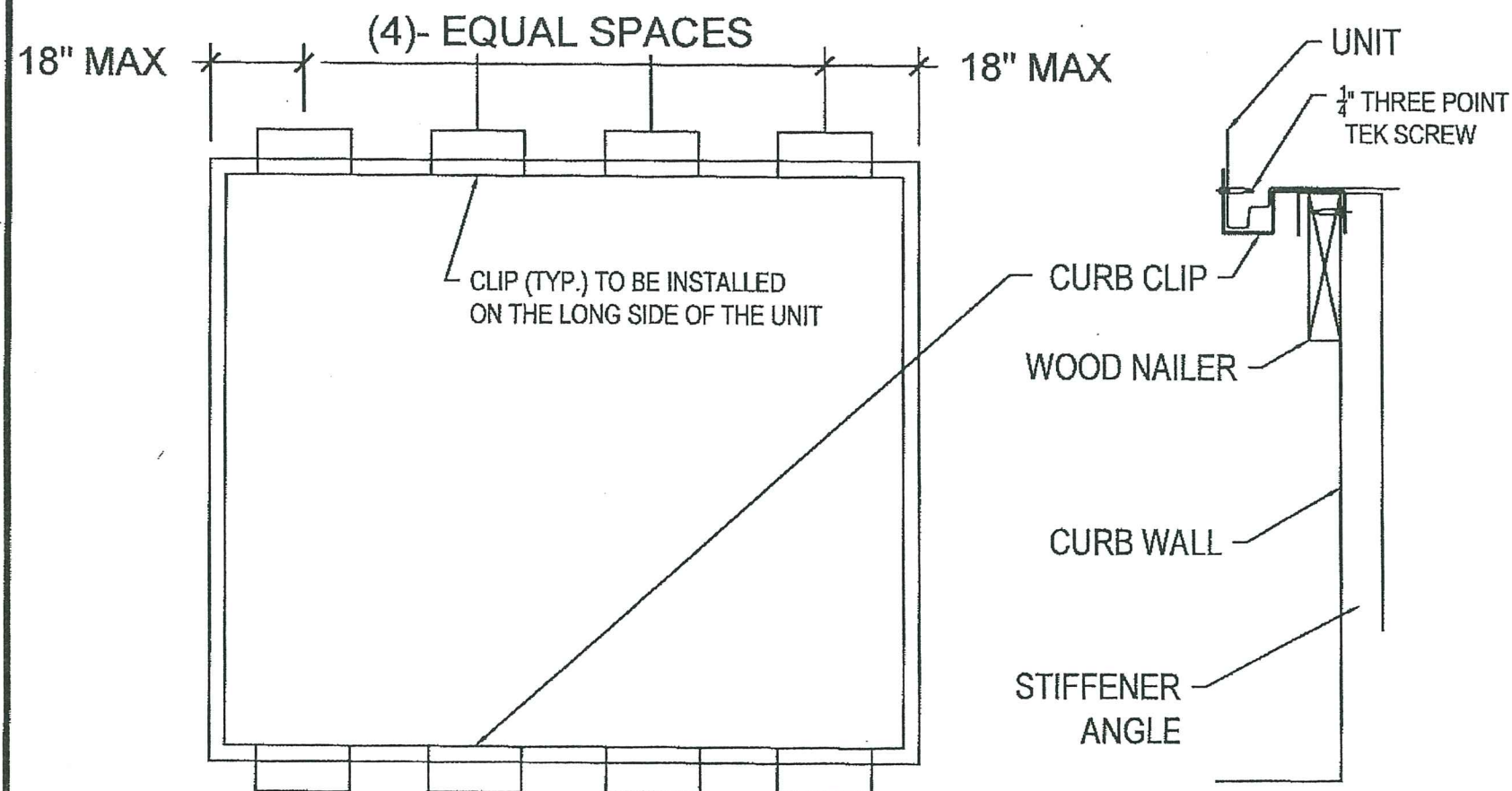
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-006-4
DATE: 12-22-15
NUMBER: 6 OF 10
PRODUCT NAME:
TRANE T/YSD 150E/F
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21





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Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-006-5

DATE: 12-22-15

NUMBER: 6 OF 10

PRODUCT NAME:

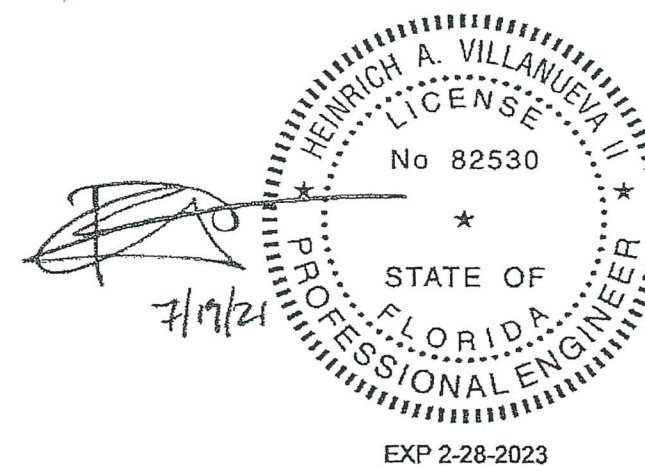
TRANE T/YSD 150E/F

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



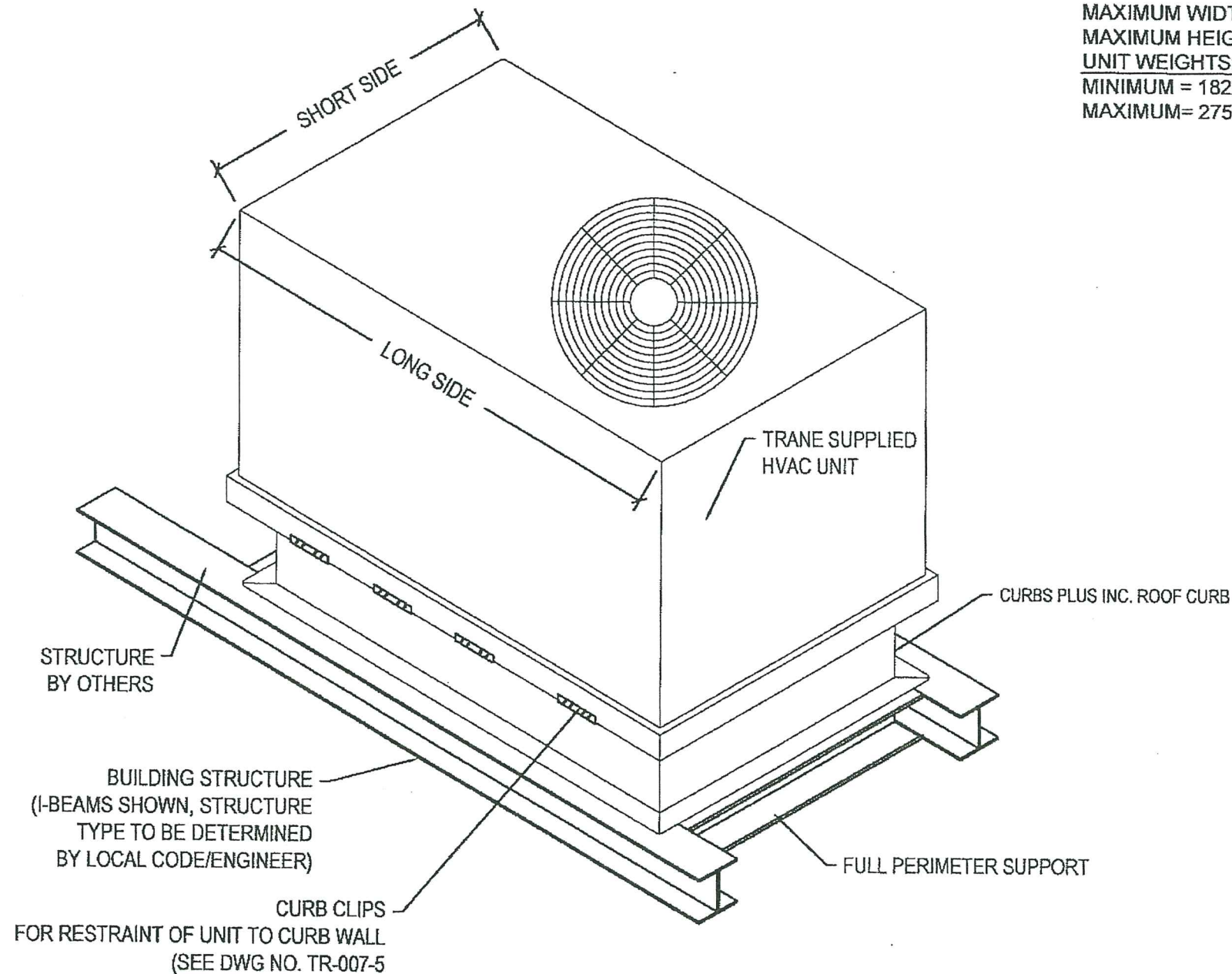
THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE
DRAWINGS ARE APPLICABLE TO TRANE UNITS YCD TCD 181-301B
MODELS: RT-PRC028U-EN,RT-PRC034-EN,RT-PRC038E-EN,RT-PRC052D-EN,RT-PRC056-EN,RT-PRC059-EN,
RT-SVX25G-EN,RT-SVX26J-EN,RT-SVX33D-EN

TRANE: YCD TCD 181-301B
MAX. UNIT SIZE:
MAXIMUM LENGTH= 122.31"
MAXIMUM WIDTH = 84.19"
MAXIMUM HEIGHT = 64.13"
UNIT WEIGHTS:
MINIMUM = 1822 LBS.
MAXIMUM= 2753 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

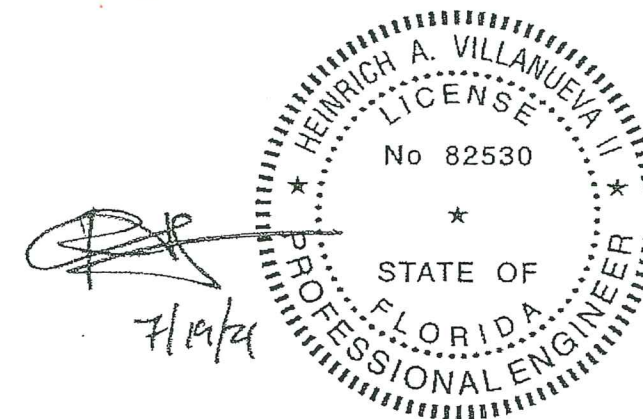
DWG. NO.: TR-007-1
DATE: 12-22-15
NUMBER: 7 OF 10
PRODUCT NAME:
TRANE YCD TCD 181-301B
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0408.04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control

CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size. Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size. Deck = "#12" screws at Spacing struct = 6 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = 2 1/2 in all around

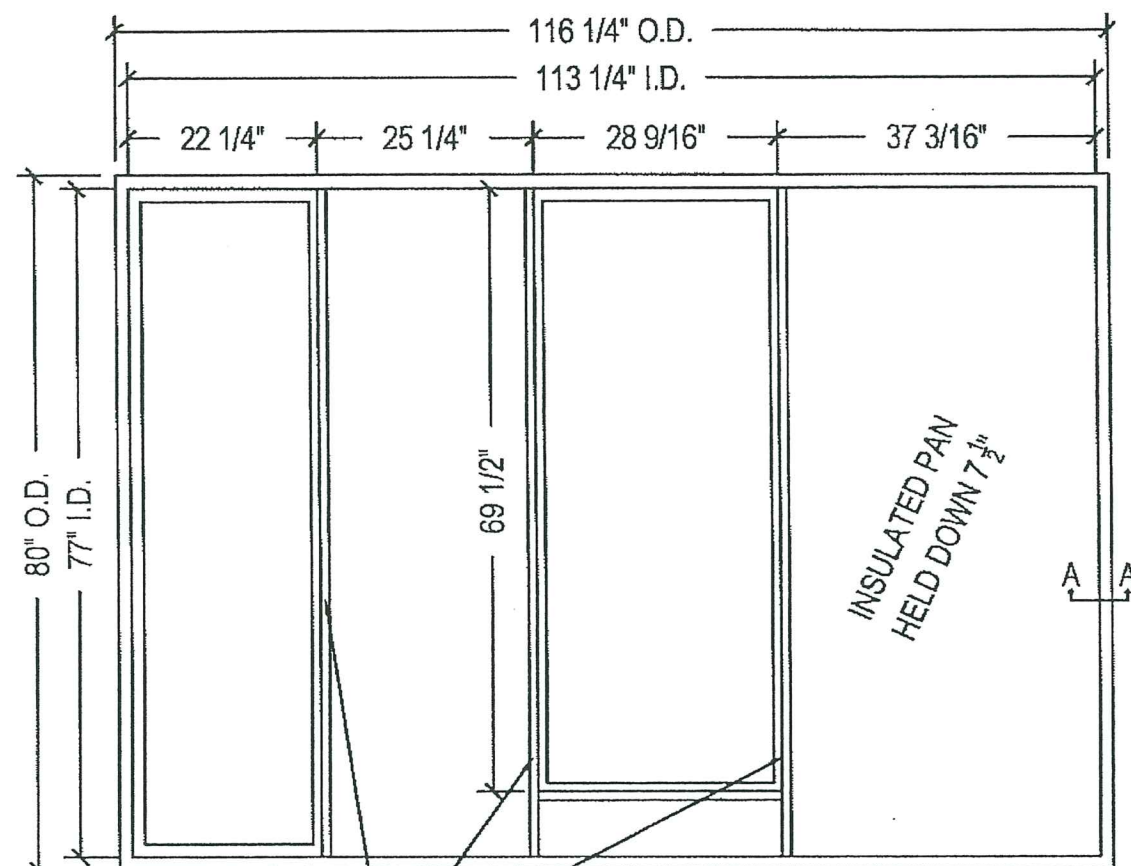


EXP 2-28-2023

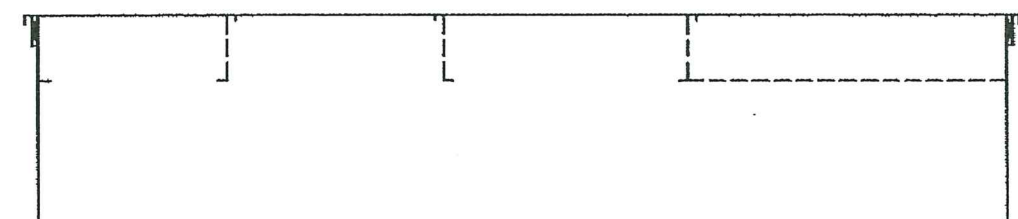
File Name: MIAMI-DADE TR13 2021

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NOTE: ALL CURB WALLS HAVE A 1 1/2" DUCT FLANGE
ALL CURB CHANNELS HAVE A 1" DUCT FLANGE



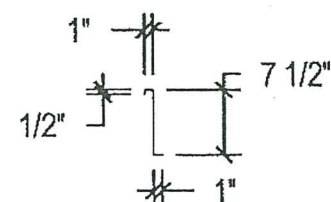
DUCT SUPPORTS



CPC-4 (Uninsulated) Conventional Roof Curb STANDARD FEATURES

1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

WELD 1"X1" ANGLES TO
CURB WALL ON 24" CENTERS
DUCT SUPPORTS CONSTRUCTED
FROM 18 GA GALVANIZED STEEL



DUCT SUPPORT DETAIL

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-007-2

DATE: 12-22-15

NUMBER: 7 OF 10

PRODUCT NAME:

TRANE YCD TCD 181-301B

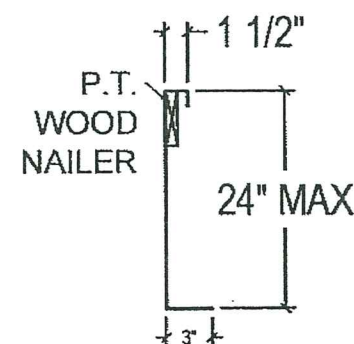
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

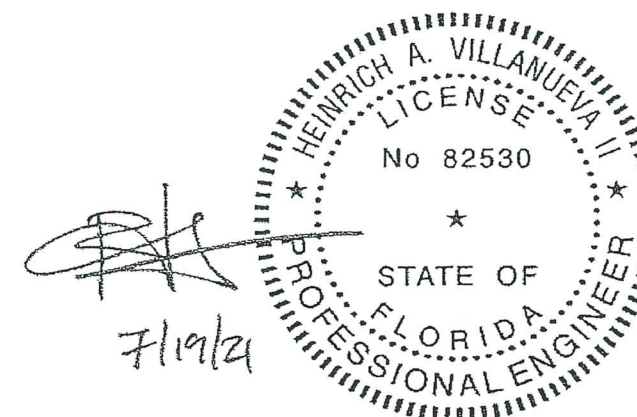
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026

By *Heinrich A. Villanueva*
Miami Dept. Product Control



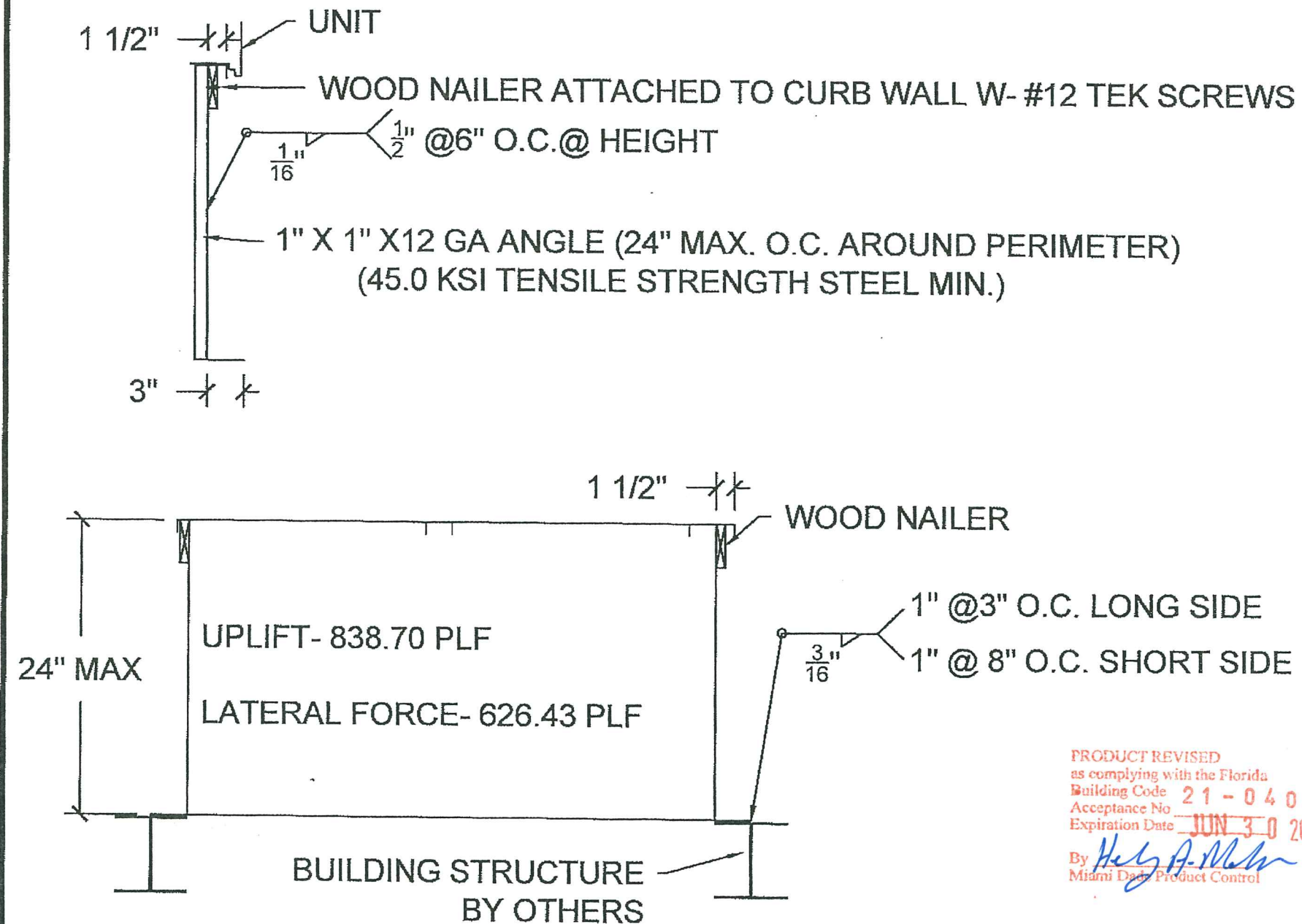
TYPICAL SECTION AA



EXP 2-28-2023

APPROXIMATE MAX WEIGHT: 395 LBS

CURB STIFFENER ATTACHMENT TO CURB



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-007-3

DATE: 12-22-15

NUMBER: 7 OF 10

PRODUCT NAME:

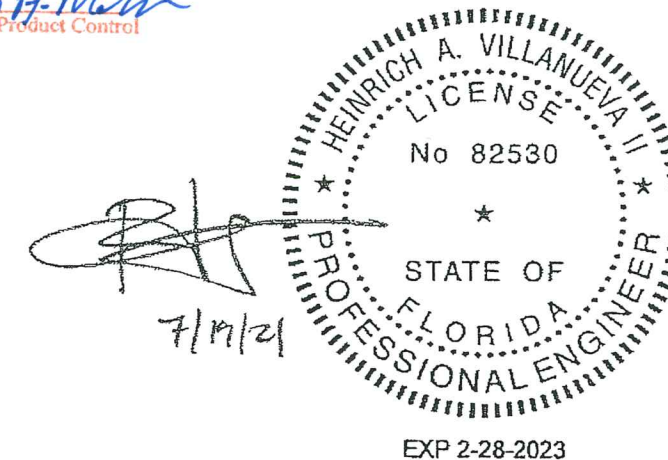
TRANE YCD TCD 181-301B

PROFESSIONAL ENGINEER:

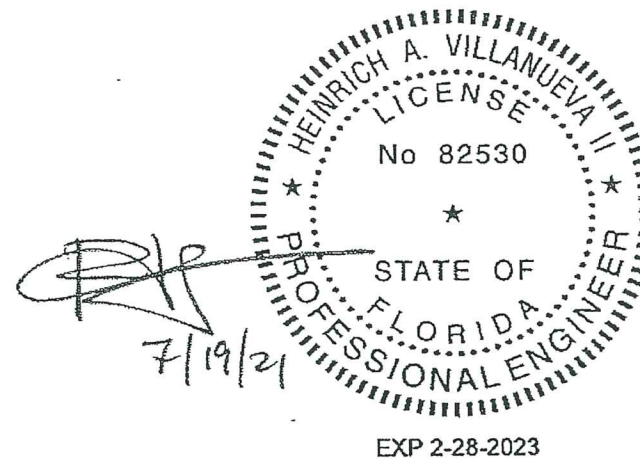
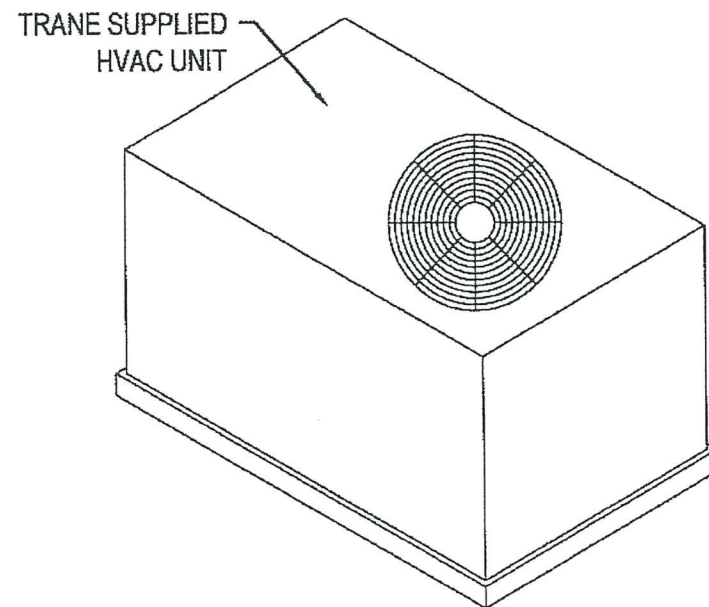
Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023



CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-007-4

DATE: 12-22-15

NUMBER: 7 OF 10

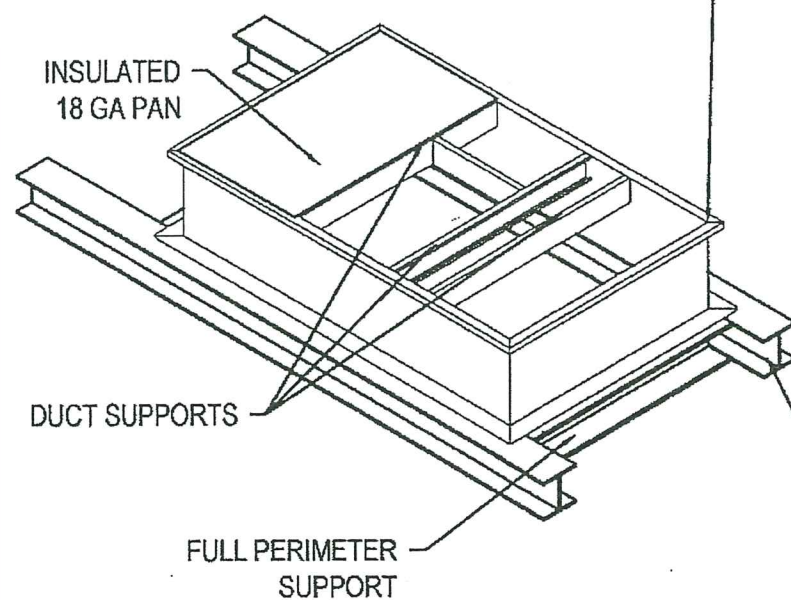
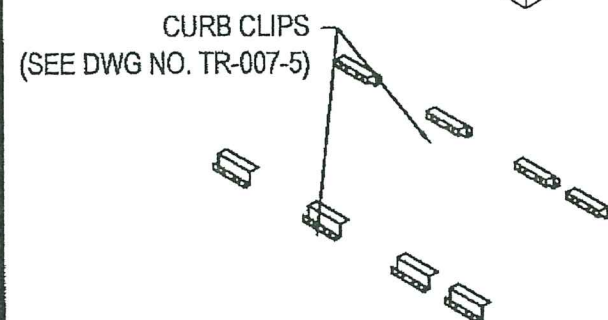
PRODUCT NAME:

TRANE YCD TCD 181-301B

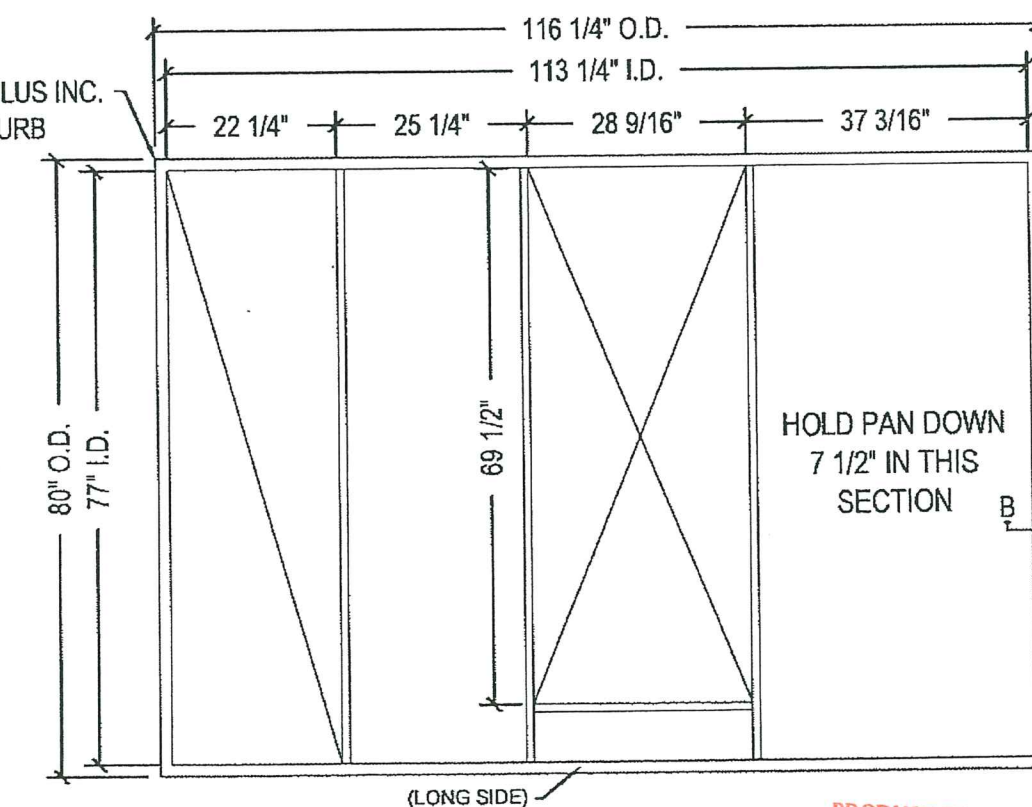
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

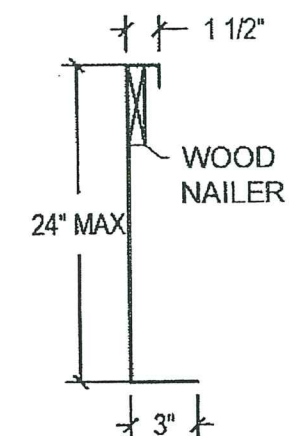
DWG. REV. DATE: 5-6-21



CURBS PLUS INC.
ROOF CURB



(SHORT SIDE)



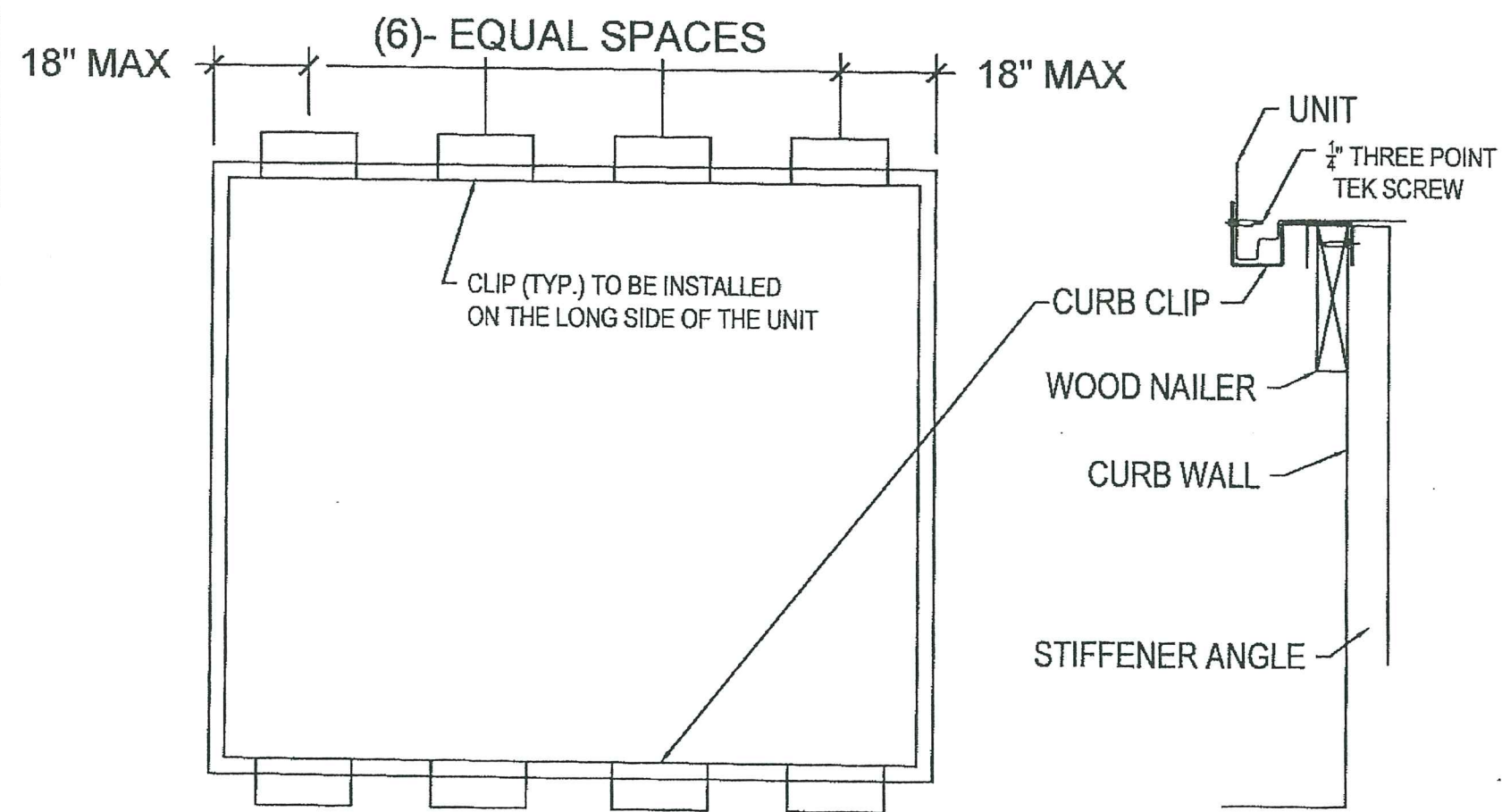
TYPICAL SECTION BB

BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408-04
Acceptance No. JUN 30 2026
Expiration Date
By *Heinrich A. Villanueva*
Miami Dade Product Control

File Name: MIAMI-DADE TR13 2021

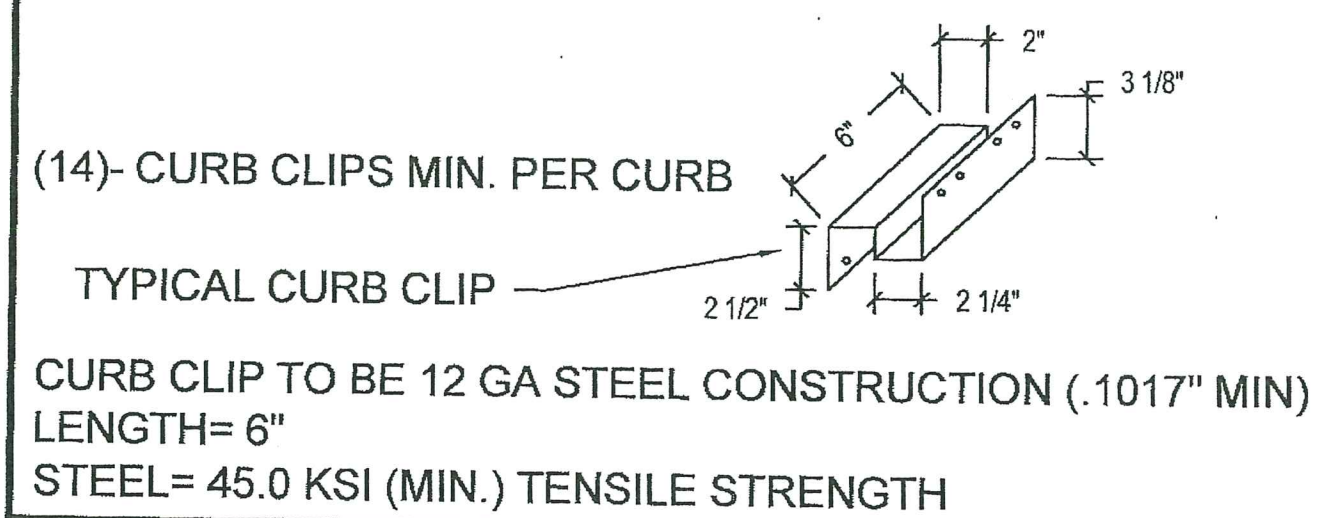
©2003 Curbs Plus, Inc.



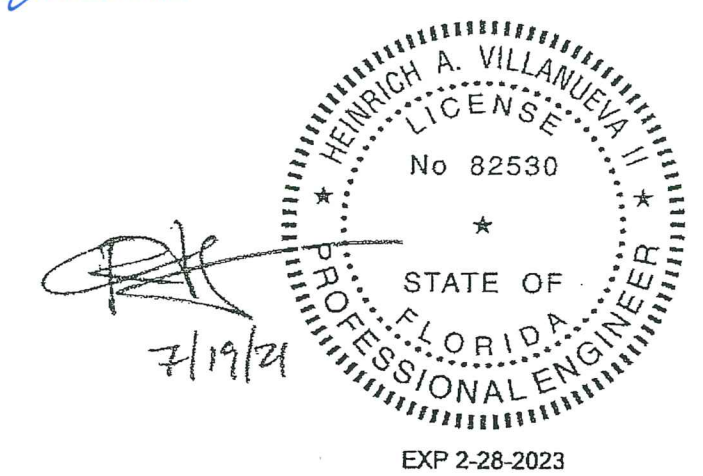
CURBS PLUS, INC.

8767 Alabama Hwy
 Ringgold, GA 30736
 Phone: (706) 858-1188
 Fax: (706) 866-2339
 website: www.curbs-plus.com

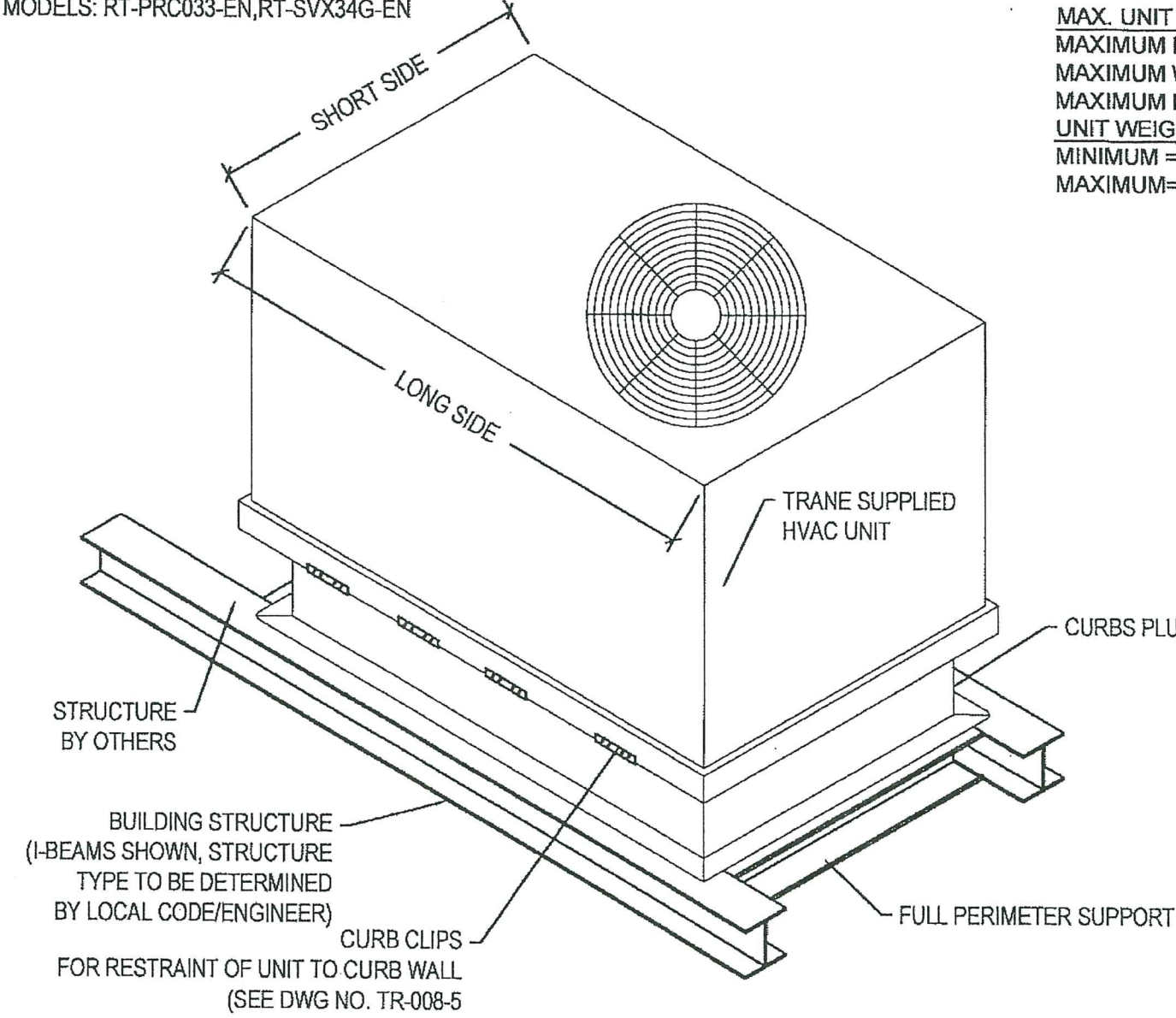
DWG. NO.: TR-007-5
 DATE: 12-22-15
 NUMBER: 7 OF 10
 PRODUCT NAME:
 TRANE YCD TCD 181-301B
 PROFESSIONAL ENGINEER:
 Heinrich A. Villanueva, PE
 DWG. REV. DATE: 5-6-21



PRODUCT REVISED
 as complying with the Florida
 Building Code 21-0408.04
 Acceptance No
 Expiration Date JUN 30 2026
 By *Heinrich A. Villanueva*
 Miami Dade Product Control



THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE
DRAWINGS ARE APPLICABLE TO TRANE UNITS TC-TE-YC 27.5-35 TON LOW HEAT
MODELS: RT-PRC033-EN,RT-SVX34G-EN



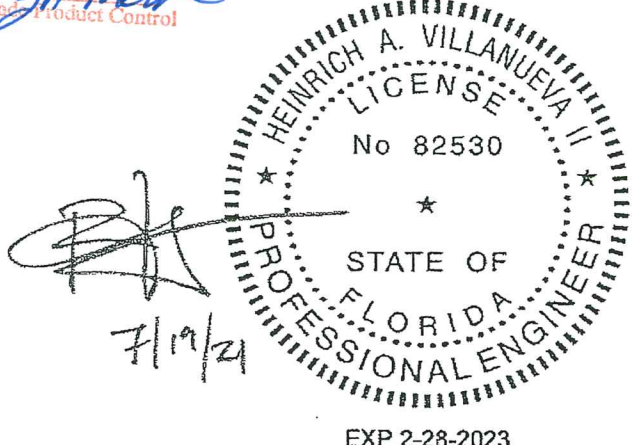
TRANE: TC-TE-YC 27.5-35 TON LOW HEAT
MAX. UNIT SIZE:
MAXIMUM LENGTH= 179.75"
MAXIMUM WIDTH = 90.06"
MAXIMUM HEIGHT = 90.44"
UNIT WEIGHTS:
MINIMUM = 3590 LBS.
MAXIMUM= 4010 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-008-1
DATE: 12-22-15
NUMBER: 8 OF 10
PRODUCT NAME:
TRANE TC-TE-YC 27.5-35 TON
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No. JUN 30 2026
Expiration Date
By: *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 2 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = "DO NOT USE" in all around

WELD 1"X1" ANGLES TO CURB WALL ON
18" CENTERS, ADD 1 ANGLE IN EACH CORNER

DUCT SUPPORTS CONSTRUCTED
FROM 14 GA GALVANIZED STEEL

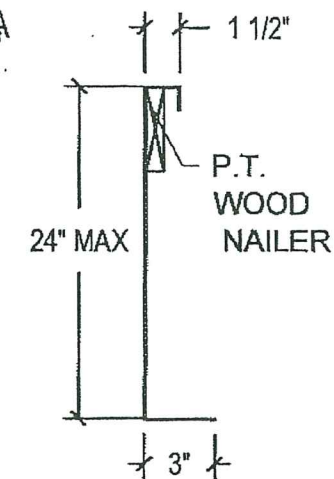
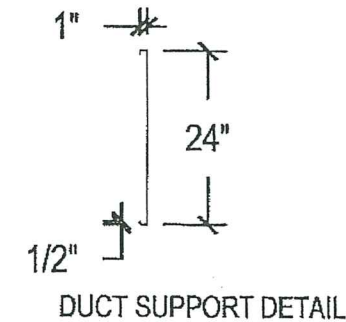
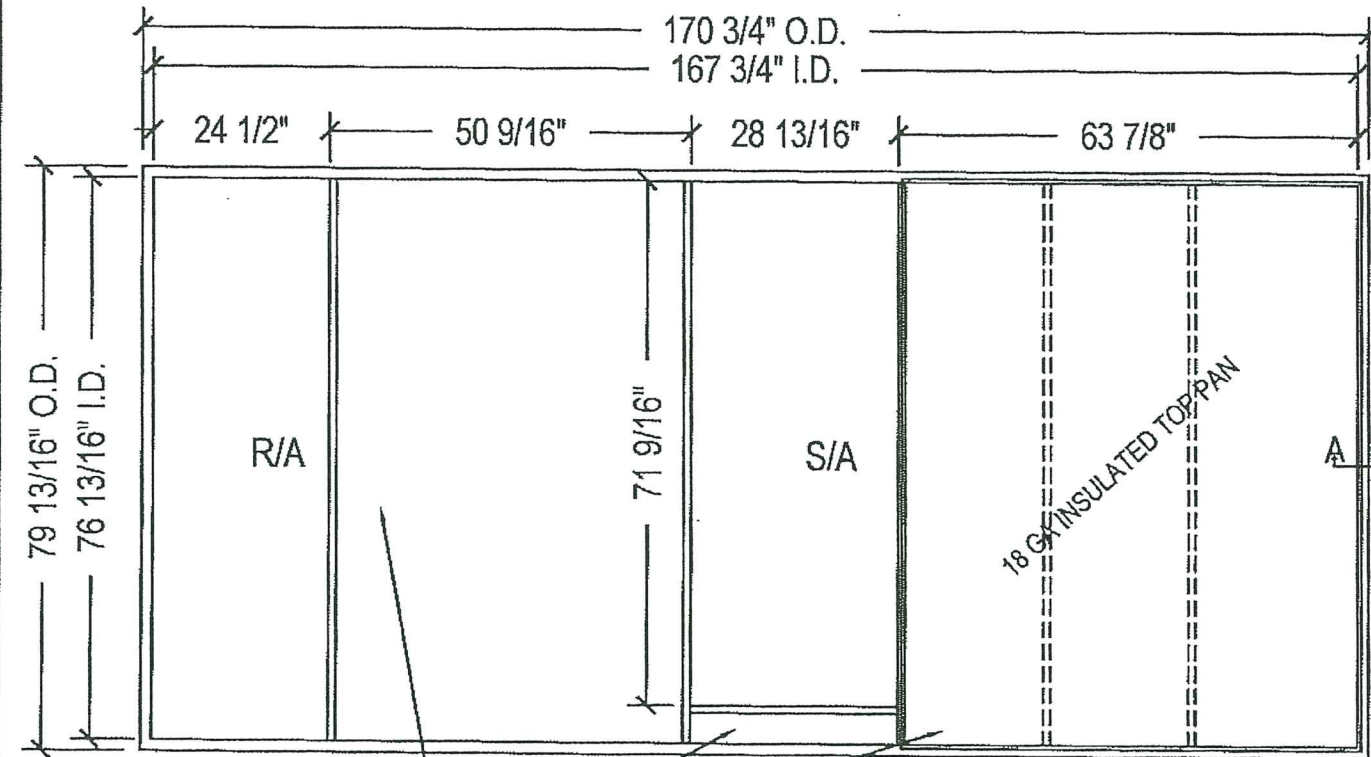
CPC-4 (Uninsulated) Conventional Roof Curb
STANDARD FEATURES

1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

CURBS PLUS, INC.

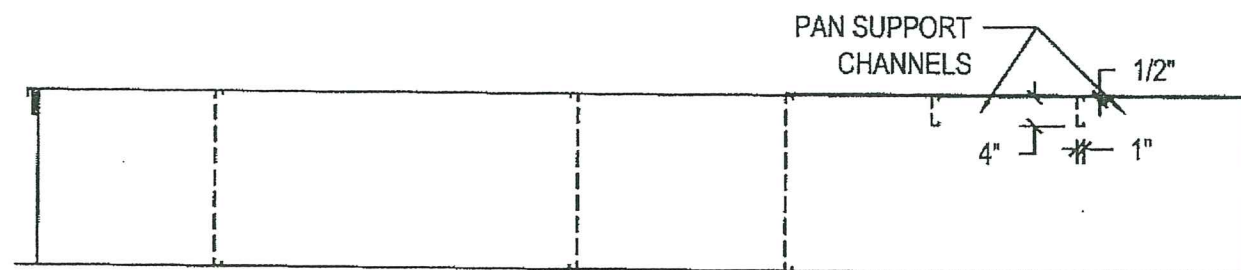
8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-008-2
DATE: 12-22-15
NUMBER: 8 OF 10
PRODUCT NAME:
TRANE TC-TE-YC 27.5-35 TON
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

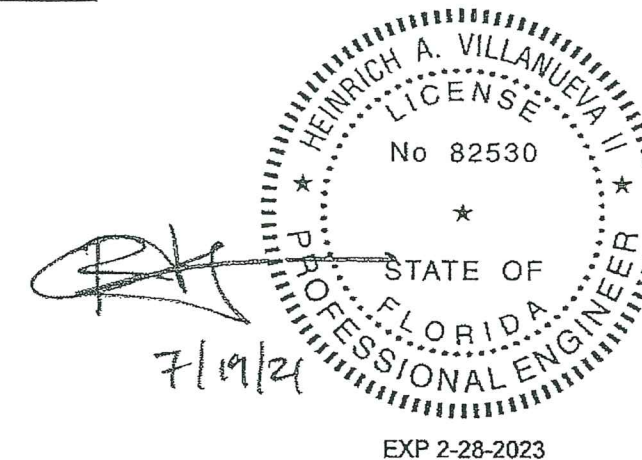


TYPICAL SECTION AA

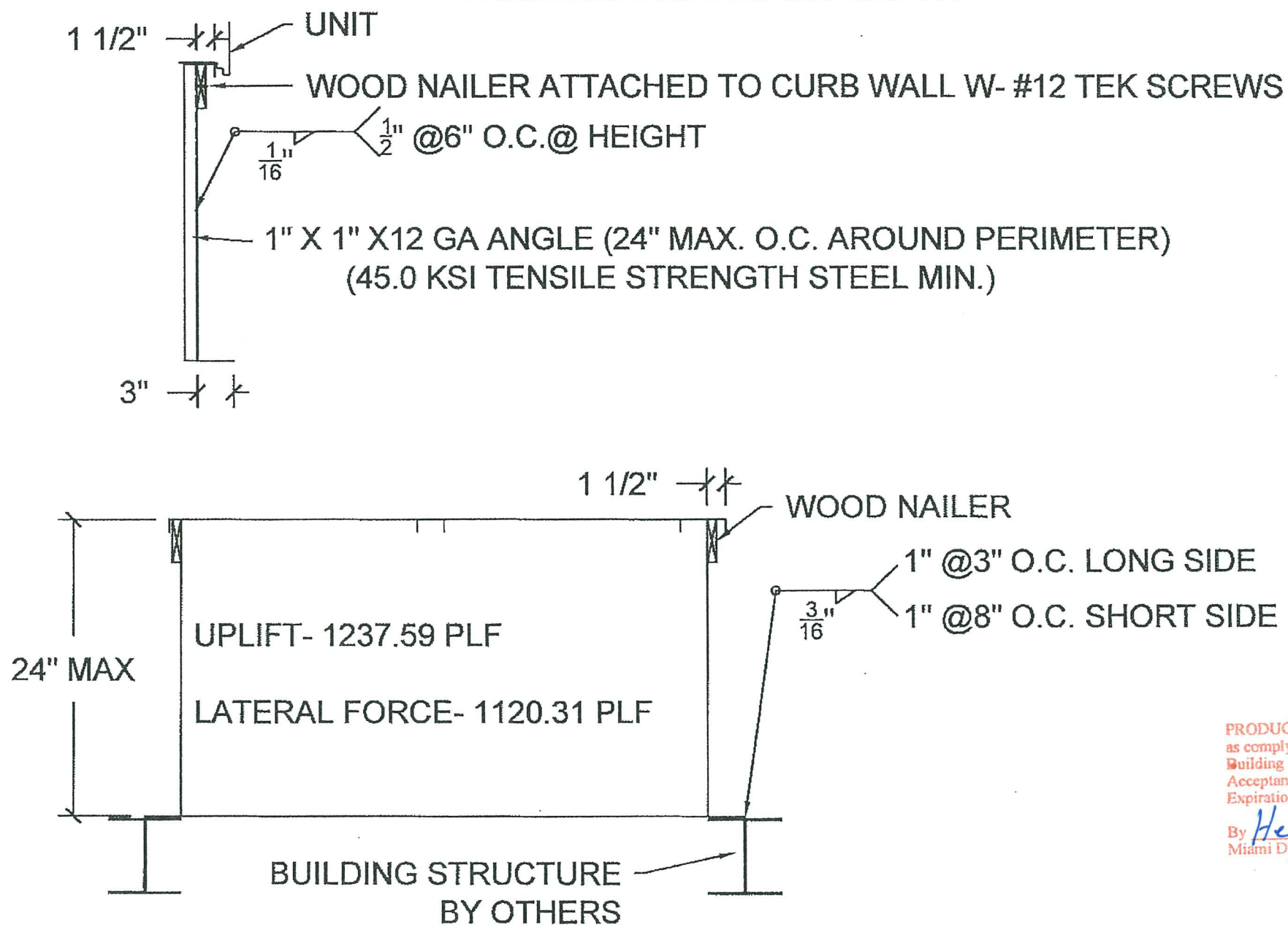
DUCT SUPPORTS



PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By: *Heinrich A. Villanueva*
Miami Dade Product Control



CURB STIFFENER ATTACHMENT TO CURB

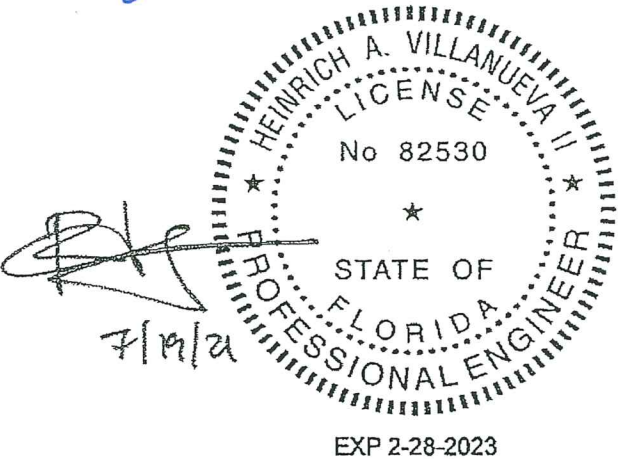


CURBS PLUS, Inc.

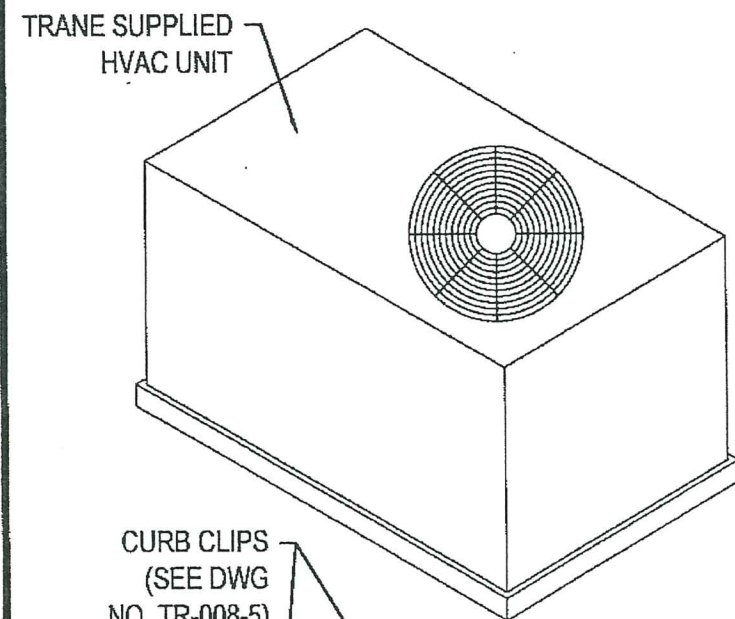
8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-008-3
DATE: 12-22-15
NUMBER: 8 OF 10
PRODUCT NAME:
TRANE TC-TE-YC 27.5-35 TON
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Design Product Control



EXP 2-28-2023



CURB CLIPS
(SEE DWG
NO. TR-008-5)

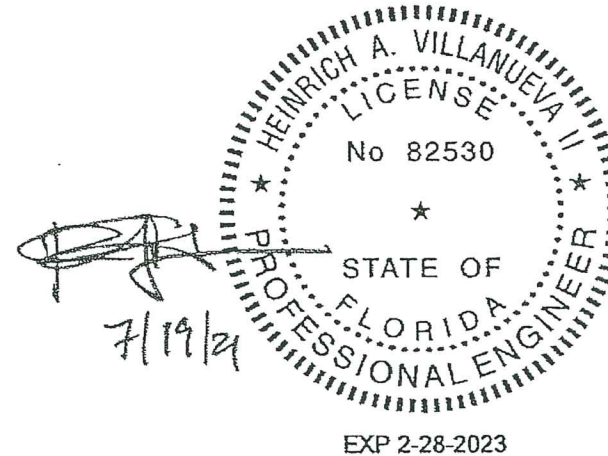
DUCT SUPPORTS

INSULATED
18 GA PAN

FULL PERIMETER
SUPPORT

CURBS PLUS INC.
ROOF CURB

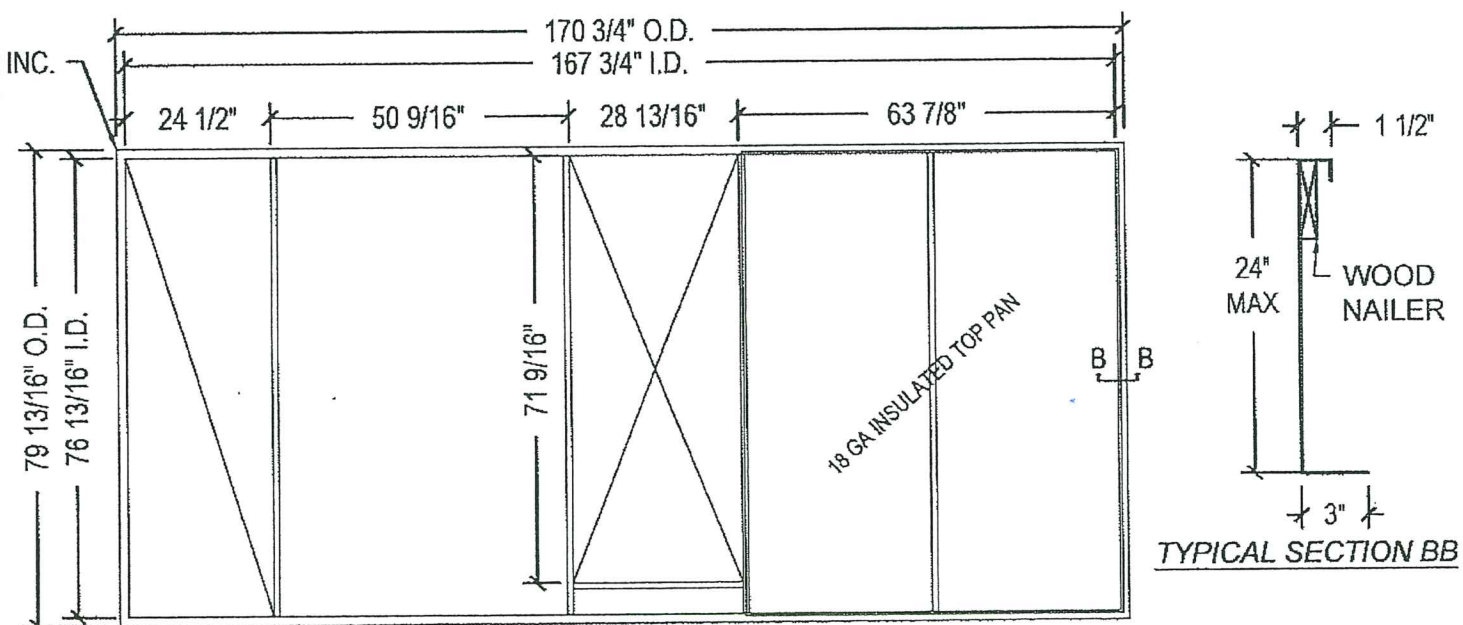
BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)



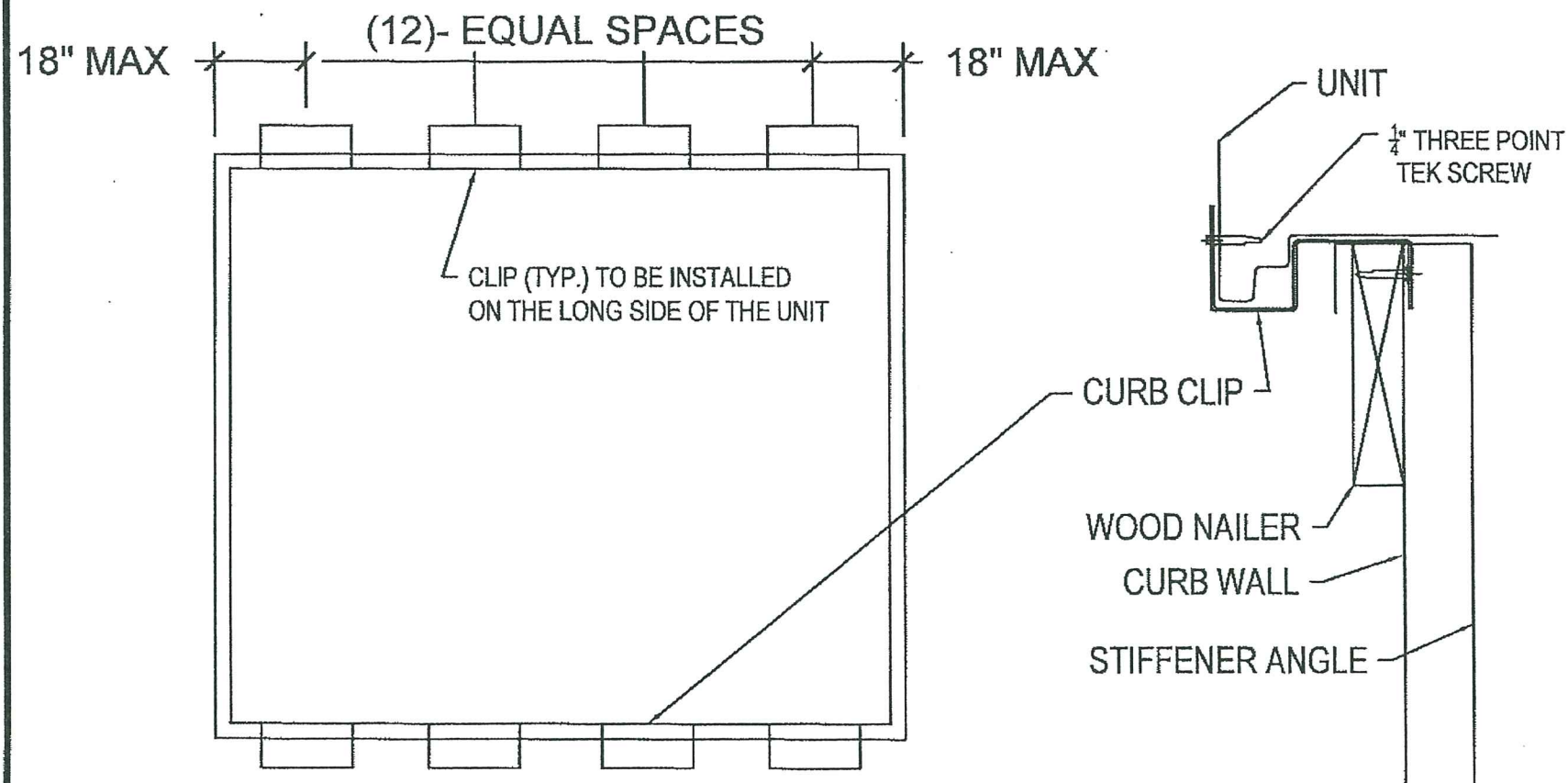
CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-008-4
DATE: 12-22-15
NUMBER: 8 OF 10
PRODUCT NAME:
TRANE TC-TE-YC 27.5-35 TON
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21



PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Date Product Control



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Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-008-5

DATE: 12-22-15

NUMBER: 8 OF 10

PRODUCT NAME:

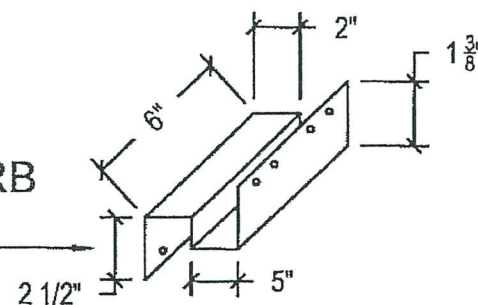
TRANE TC-TE-YC 27.5-35 TON

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

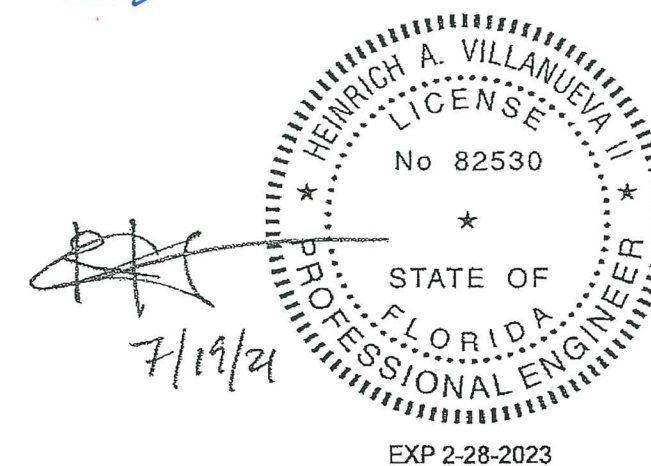
(26)- CURB CLIPS MIN. PER CURB
TYPICAL CURB CLIP



CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
LENGTH= 6"

STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *H. A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE DRAWINGS
ARE APPLICABLE TO TRANE UNITS YCD27.5-35 TON HIGH HEAT
MODELS: RT-PRC033-EN,RT-SVX34G-EN

TRANE: YCD 27.5-35 TON HIGH HEAT

MAX. UNIT SIZE:

MAXIMUM LENGTH= 207.5"

MAXIMUM WIDTH = 90.06"

MAXIMUM HEIGHT = 70.44"

UNIT WEIGHTS:

MINIMUM = 4130 LBS.

MAXIMUM= 4440 LBS.

CURBS PLUS, INC.

8767 Alabama Hwy

Ringgold, GA 30736

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Fax: (706) 866-2339

website: www.curbs-plus.com

DWG. NO.: TR-009-1

DATE: 12-22-15

NUMBER: 9 OF 10

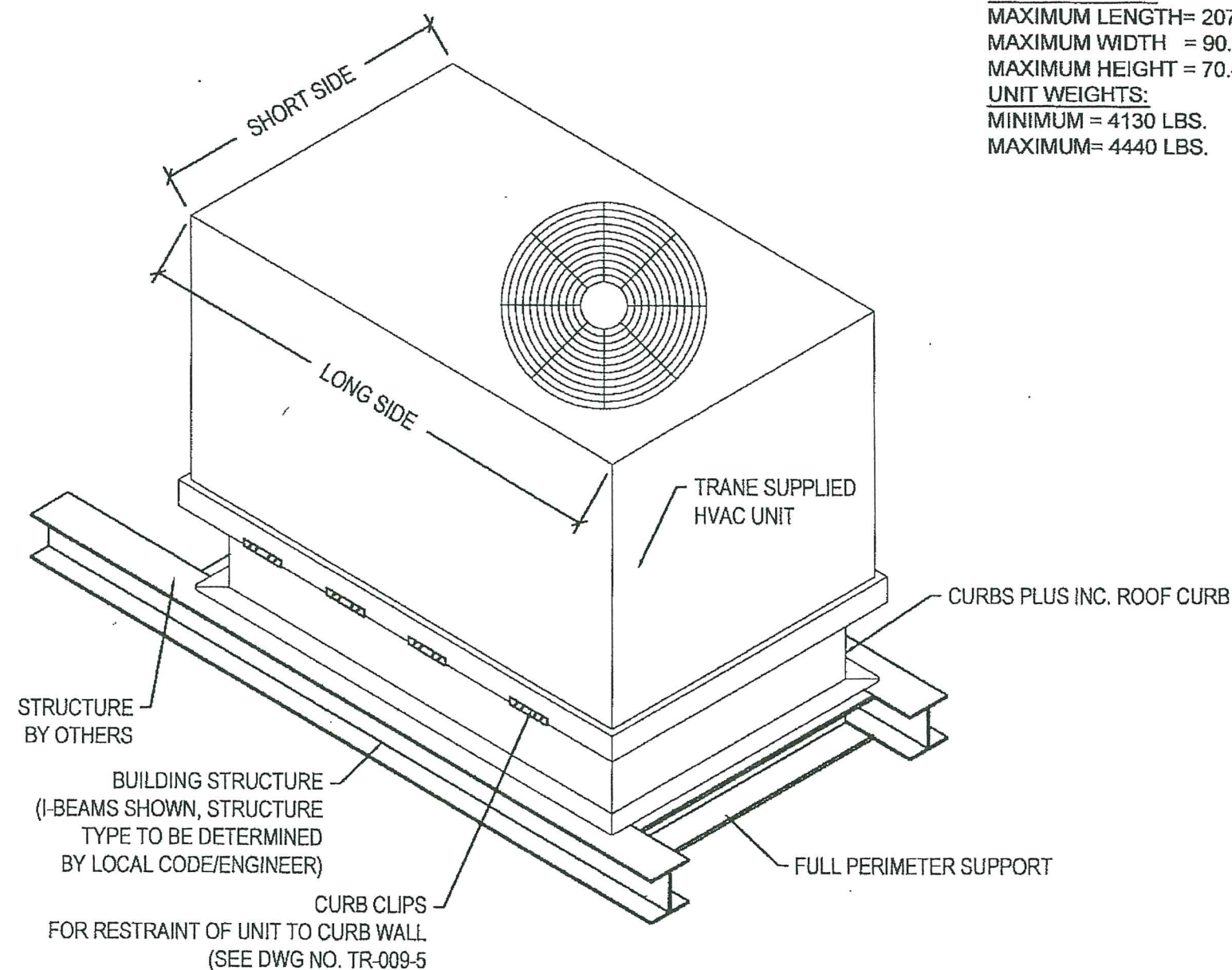
PRODUCT NAME:

TRANE YCD 27.5-35 TON HIGH HEAT

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

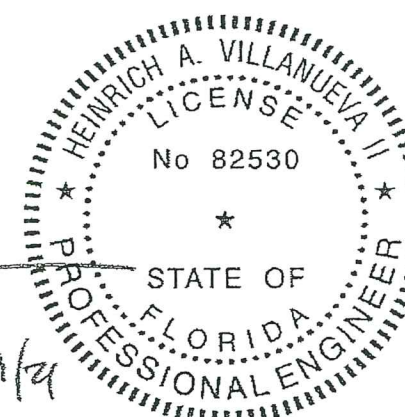
DWG. REV. DATE: 5-6-21



CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at Sw.W = 8 in c/c along width and Sw.L = 3 in c/c along length
2. Screws to Deck: Screw size.Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size.Deck = "#12" screws at Spacing struct = 2 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145 in Ø pins, L pin = 1 in embedment at Spacing pin = "DO NOT USE" in all around

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

File Name:MIAMI-DADE TR18 2021

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DUCT SUPPORTS CONSTRUCTED
FROM 14 GA GALVANIZED STEEL

WELD 1"x1" ANGLES TO CURB WALL ON
24" CENTERS, AND 1 ANGLE IN EACH CORNER

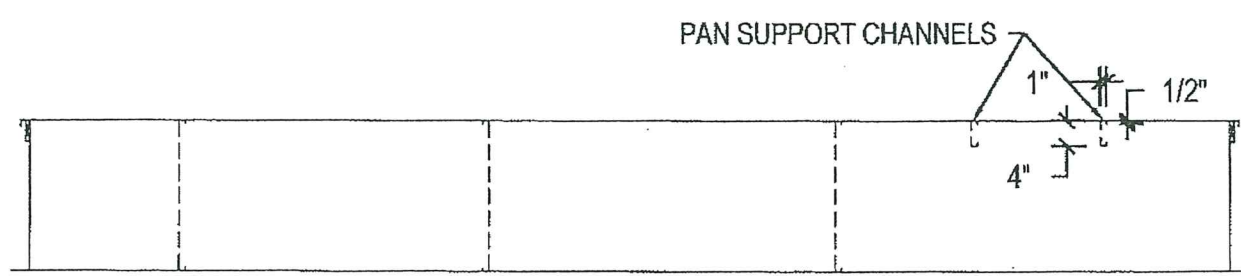
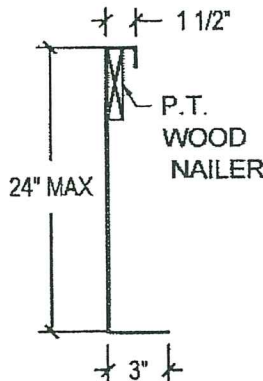
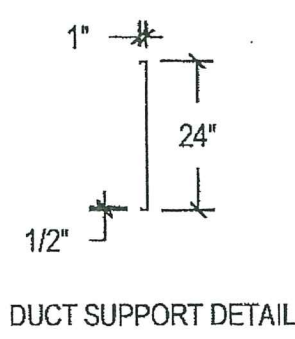
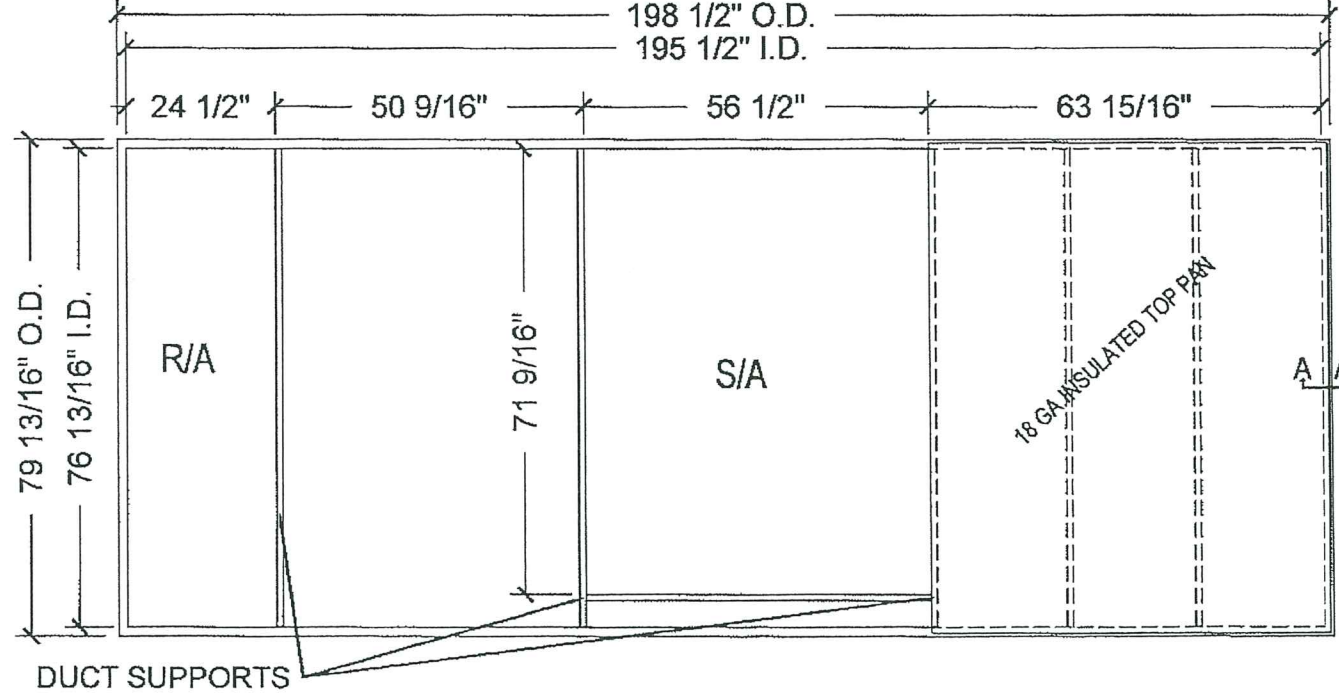
CPC-4 (Uninsulated) Conventional Roof Curb
STANDARD FEATURES

1. 14 Ga. Galvanized Steel Construction (0.078125" MIN).
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

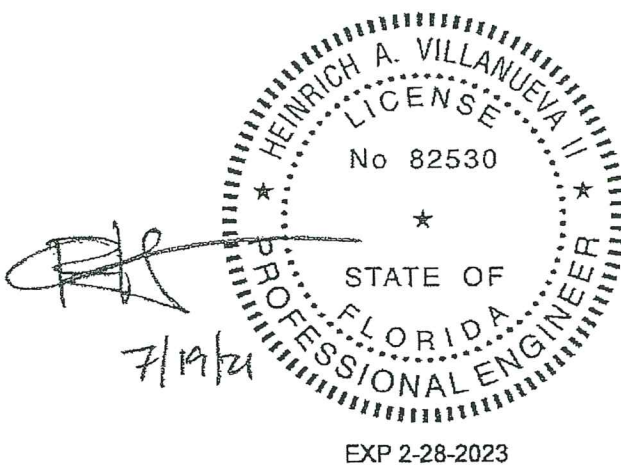
CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

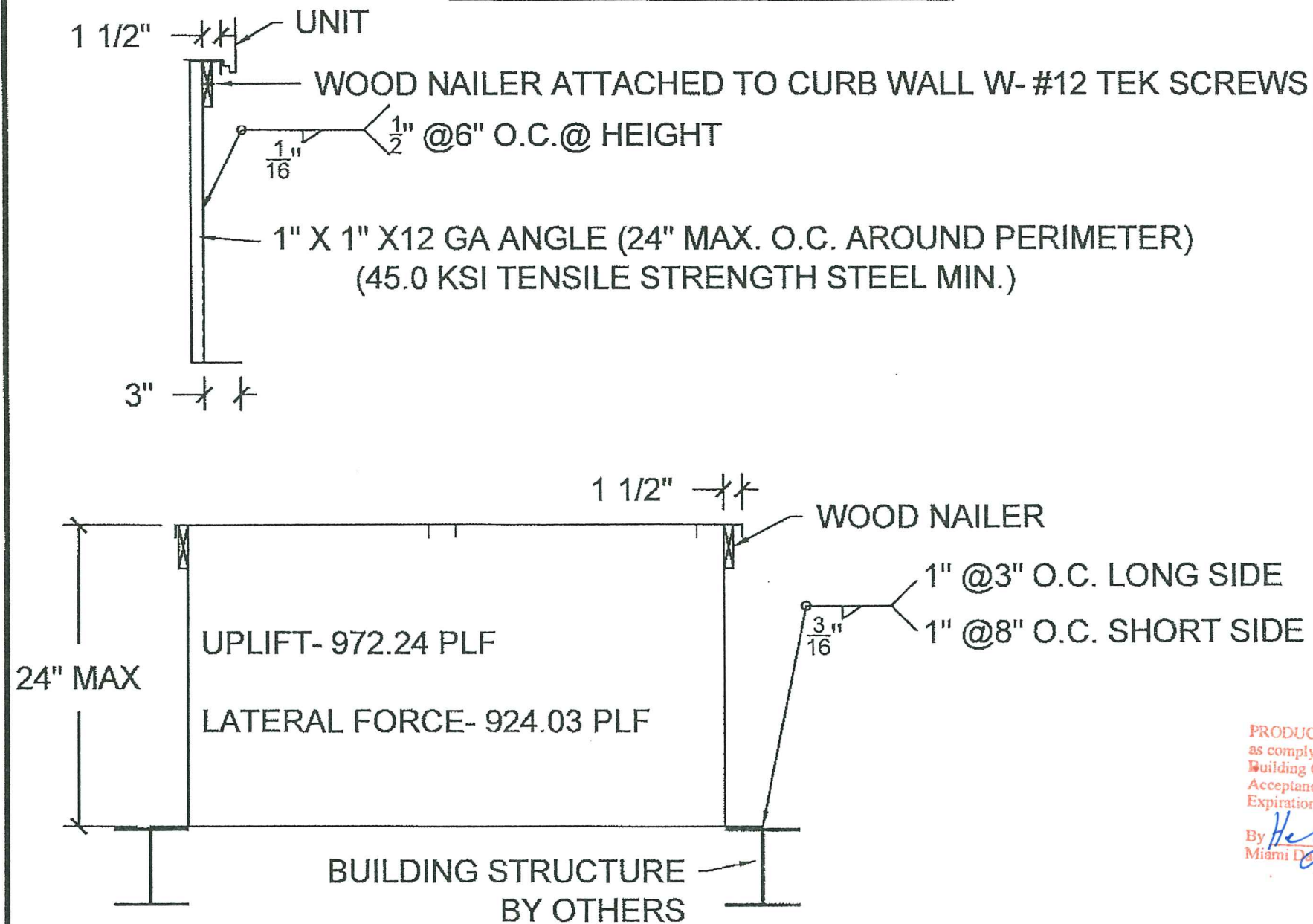
DWG. NO.: TR-009-2
DATE: 12-22-15
NUMBER: 9 OF 10
PRODUCT NAME:
TRANE YCD 27.5-35 TON HIGH HEAT
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21



PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
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Miami Dade Product Control



CURB STIFFENER ATTACHMENT TO CURB

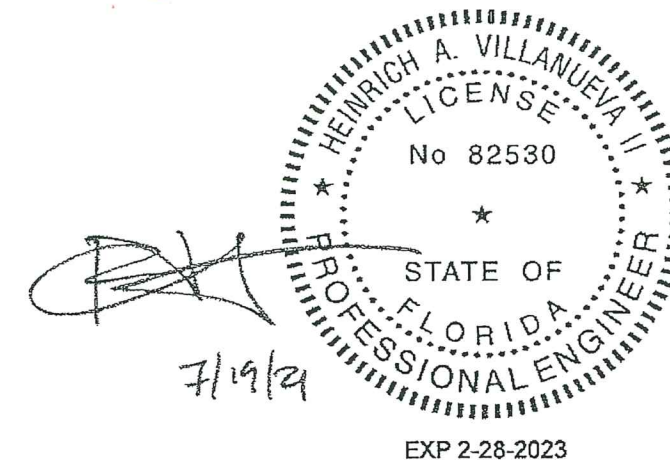


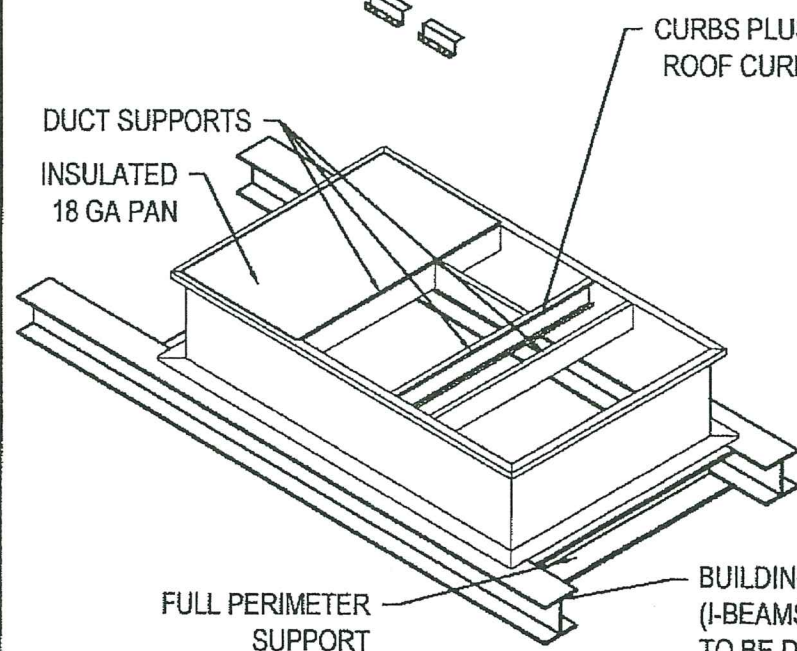
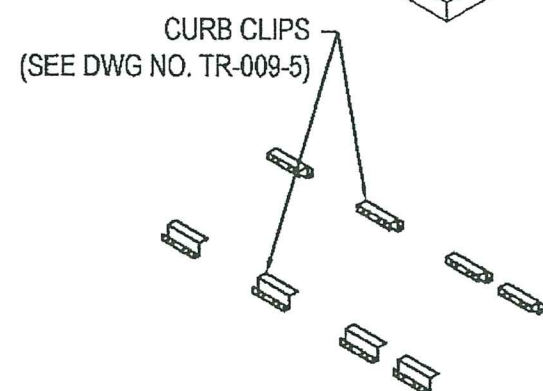
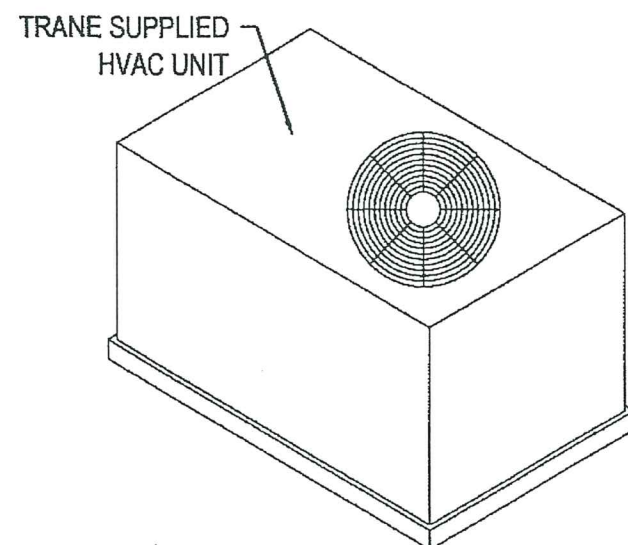
CURBS PLUS, INC.

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Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-009-3
DATE: 12-22-15
NUMBER: 9 OF 10
PRODUCT NAME:
TRANE YCD 27.5-35 TON HIGH HEAT
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

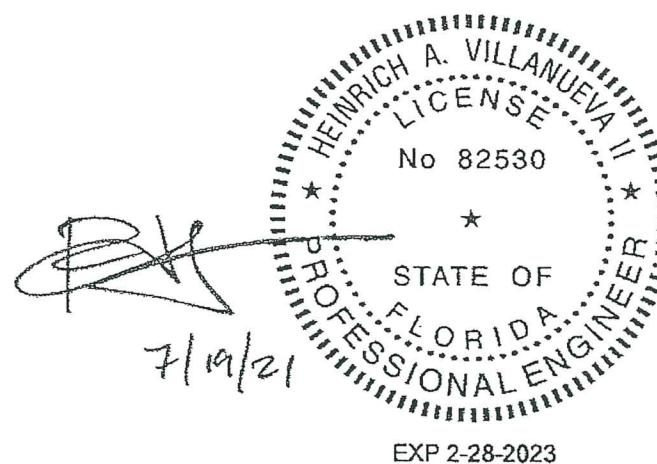
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408.04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control





CURBS PLUS INC.
ROOF CURB

BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)

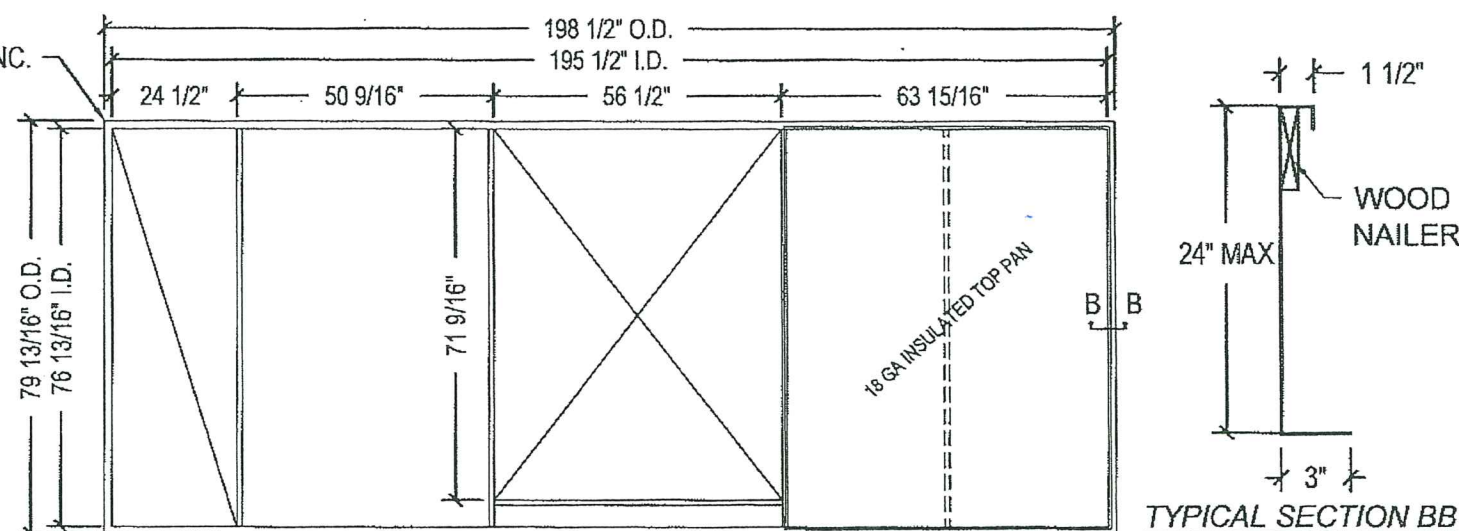


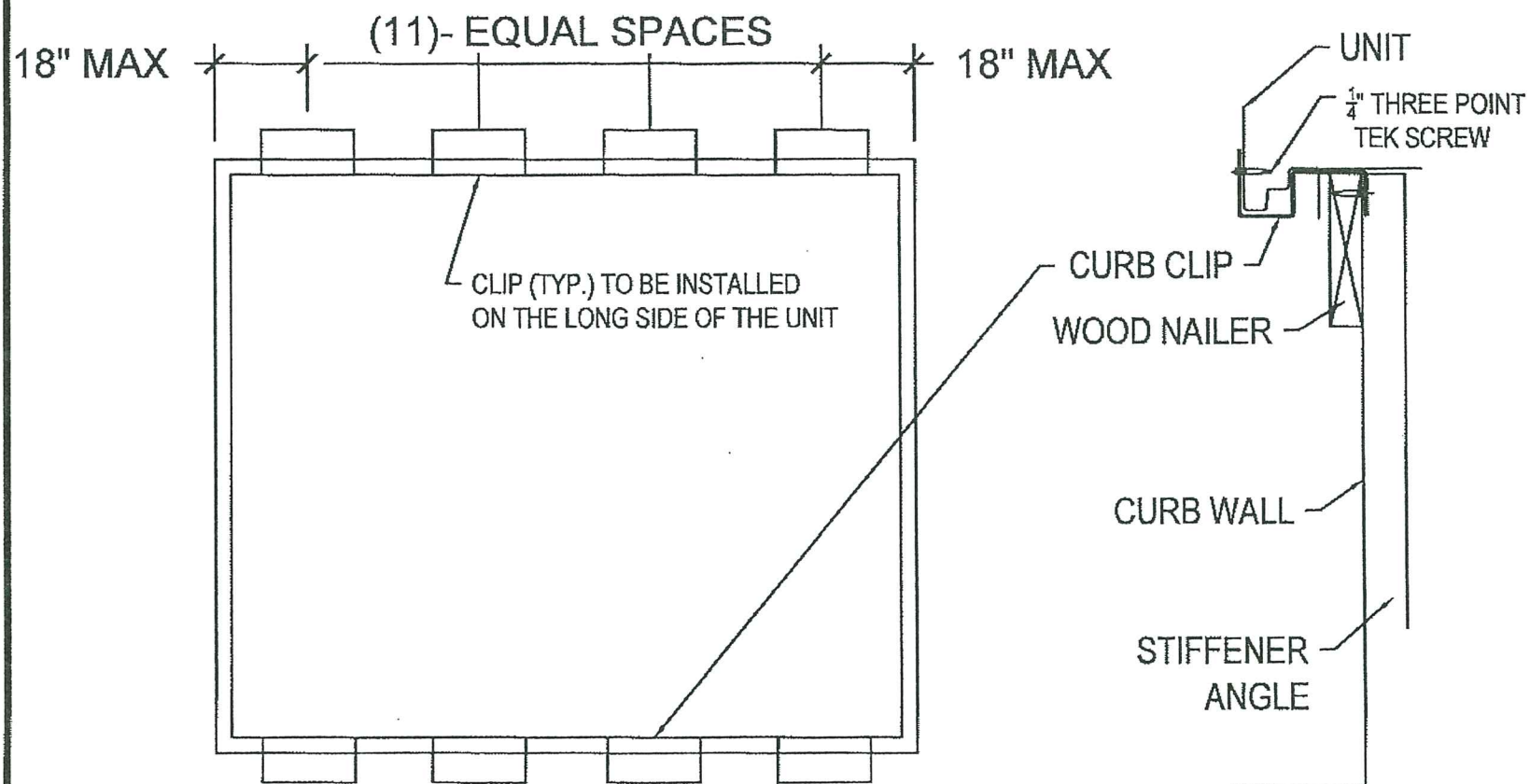
CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-009-4
DATE: 12-22-15
NUMBER: 9 OF 10
PRODUCT NAME:
TRANE YCD 27.5-35 TON HIGH HEAT
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control





CURBS PLUS, INC.

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Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-009-5

DATE: 12-22-15

NUMBER: 9 OF 10

PRODUCT NAME:

TRANE YCD 27.5-35 TON HIGH HEAT

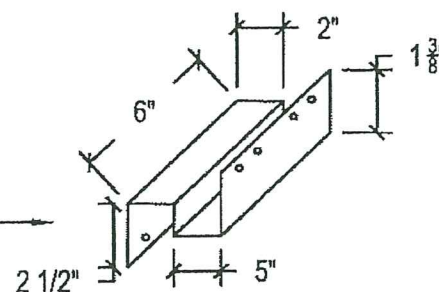
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

(24)- CURB CLIPS MIN. PER CURB

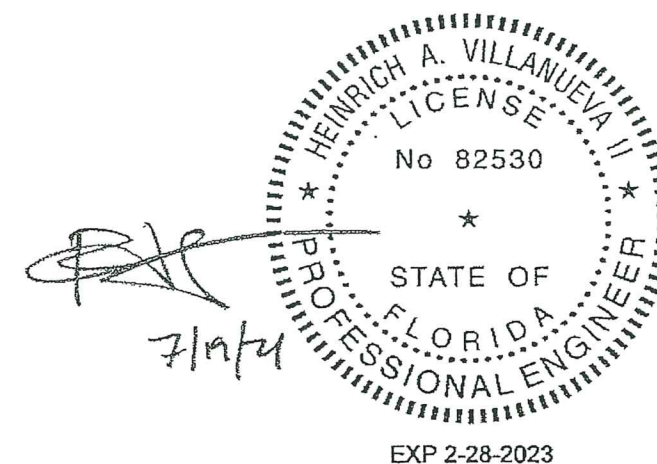
TYPICAL CURB CLIP



CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
LENGTH= 6"

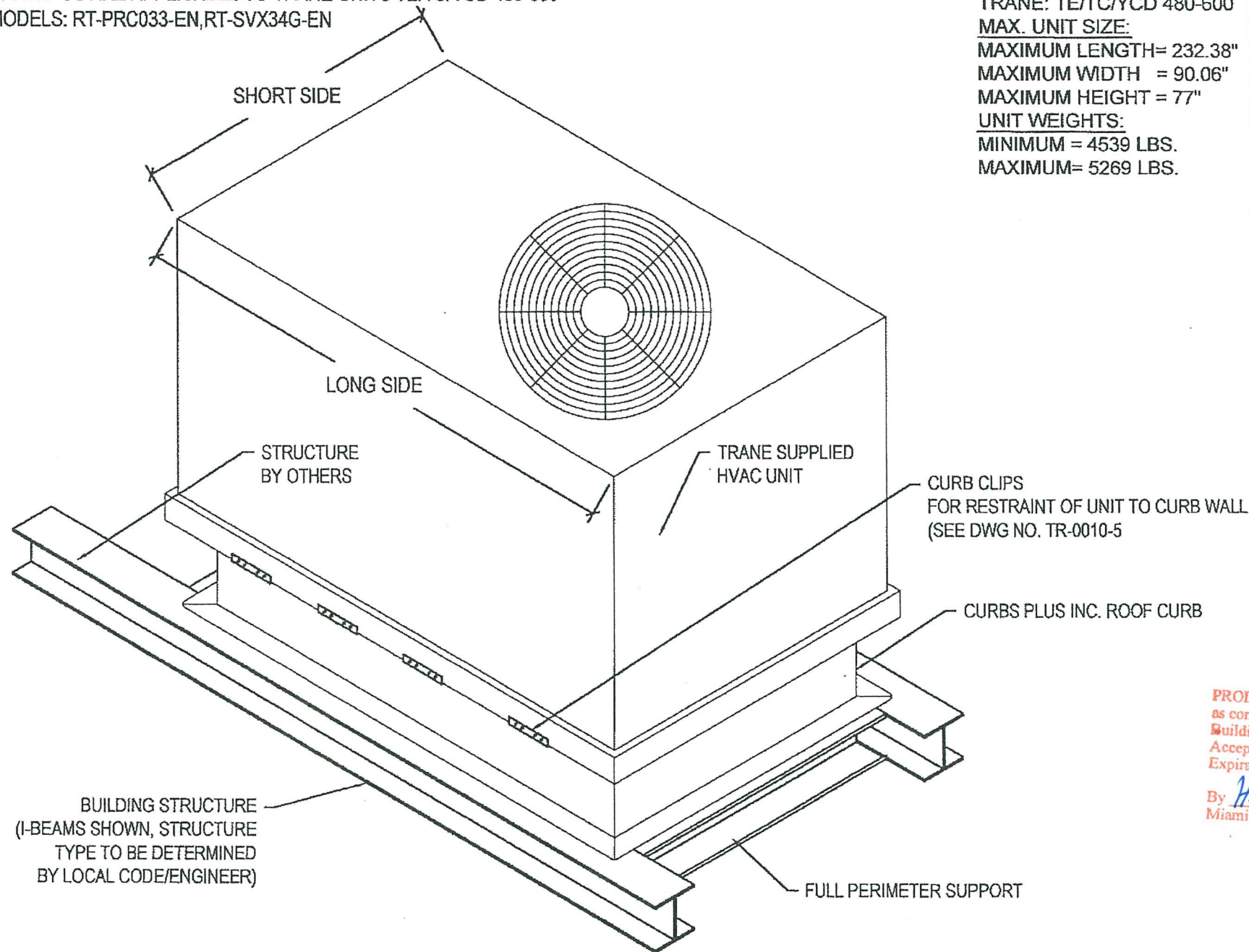
STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH

PRODUCT REVISED
as complying with the Florida
Building Code 21-0408.04
Acceptance No.
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



EXP 2-28-2023

THE CURBS AND ATTACHMENT SCHEDULE SHOWN IN THESE
DRAWINGS ARE APPLICABLE TO TRANE UNITS TE/TC/YCD 480-600
MODELS: RT-PRC033-EN, RT-SVX34G-EN



TRANE: TE/TC/YCD 480-600
MAX. UNIT SIZE:
MAXIMUM LENGTH= 232.38"
MAXIMUM WIDTH = 90.06"
MAXIMUM HEIGHT = 77"
UNIT WEIGHTS:
MINIMUM = 4539 LBS.
MAXIMUM= 5269 LBS.

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Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-010-1

DATE: 12-22-15

NUMBER: 10 OF 10

PRODUCT NAME:

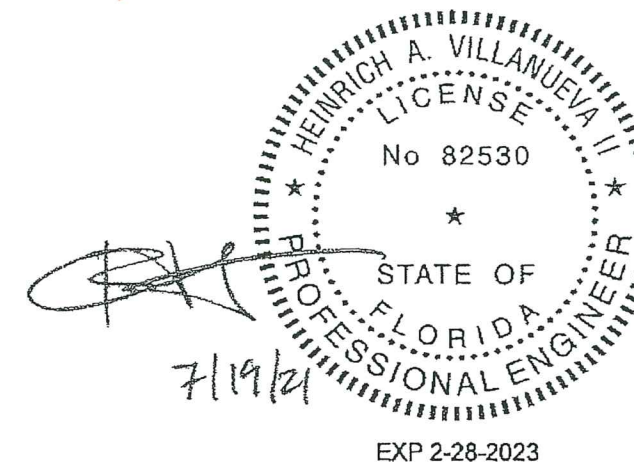
TRANE TE/TC/YCD 480-600

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0408.04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



CURBS CONNECTION TO STRUCTURE

1. Welds: 1" welds at Sw.W = 8in c/c along width and Sw.L = 3in c/c along length
2. Screws to Deck: Screw size Deck = "#12" screws at Spacing deck = "DO NOT USE" in all around
3. Screws to Structure Screw size Deck = "#12" screws at Spacing struct = 2 in all around
4. Drive Pins to lightweight concrete deck, D pin = 0.145in Ø pins, L pin = 1 in embedment at Spacing pin = "DO NOT USE" in all around

File Name: MIAMI-DADE TR15 2021

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WELD 1"X1" ANGLES TO CURB WALL ON
18" CENTERS, ADD 1 ANGLE IN EACH CORNER

DUCT SUPPORTS CONSTRUCTED
FROM 14 GA GALVANIZED STEEL

CPC-4 (Uninsulated) Conventional Roof Curb

STANDARD FEATURES

1. 14 Ga. Galvanized Steel Construction (0.078125" MIN)
2. Fully Welded One-Piece Construction
3. Curbs Prime Painted after Fabrication.
4. Pressure-Treated 1x4 Wood Nailer.
5. No Insulation.

CURBS PLUS, INC.

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Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-010-2

DATE: 12-22-15

NUMBER: 10 OF 10

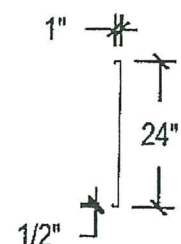
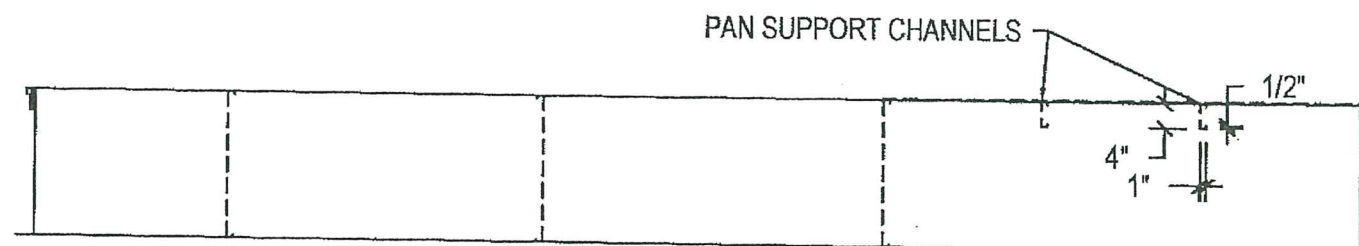
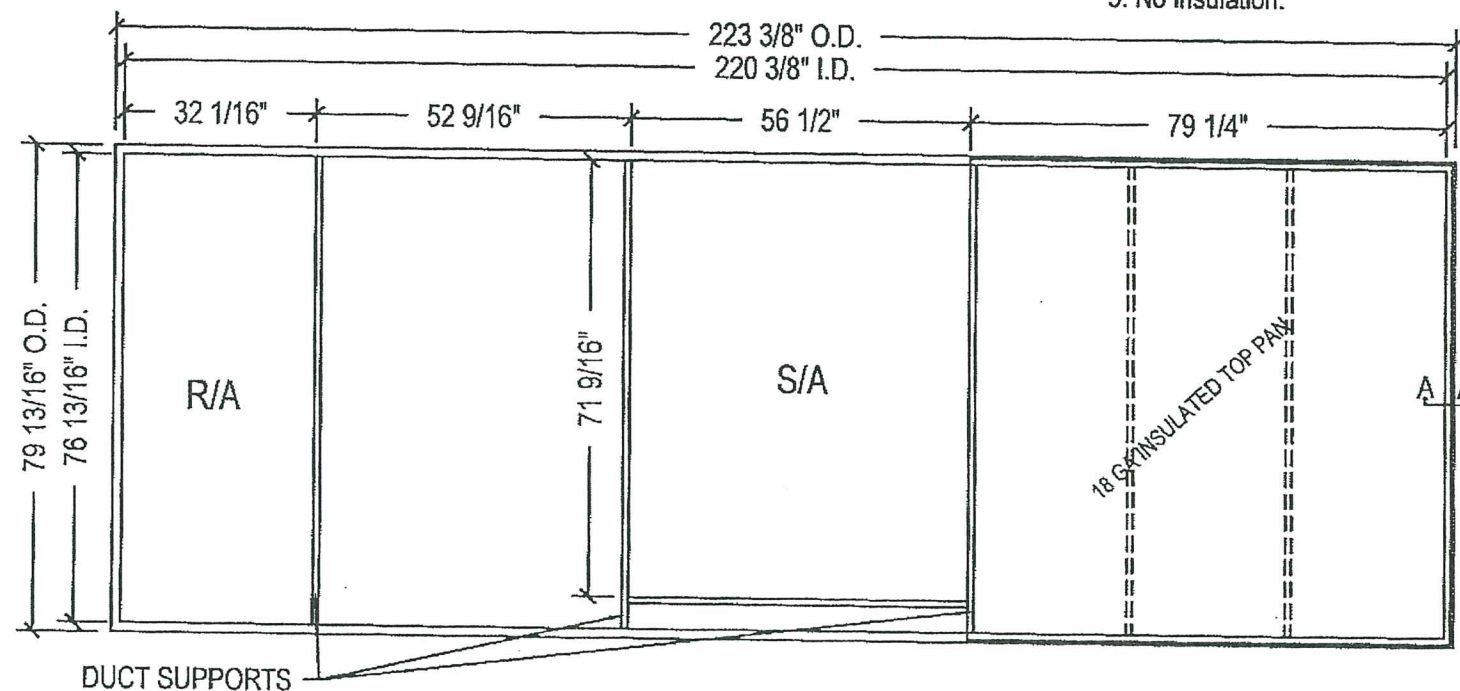
PRODUCT NAME:

TRANE TE/TC/YCD 480-600

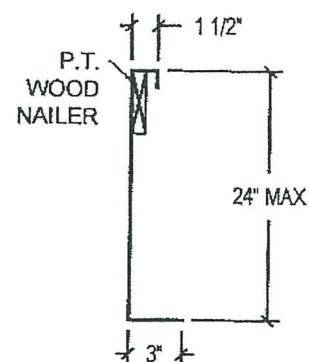
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

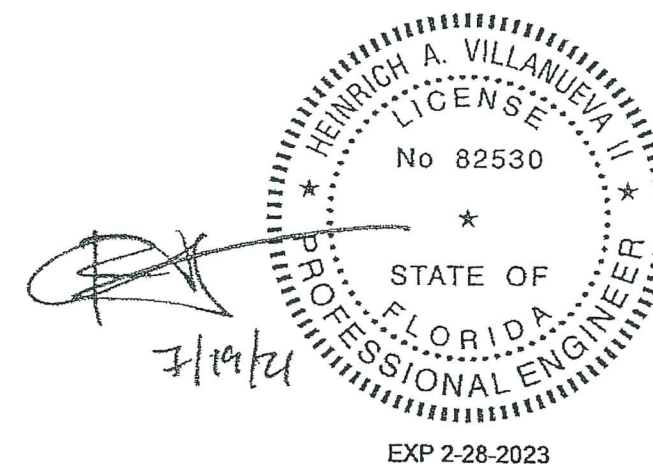


DUCT SUPPORT DETAIL



TYPICAL SECTION AA

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control

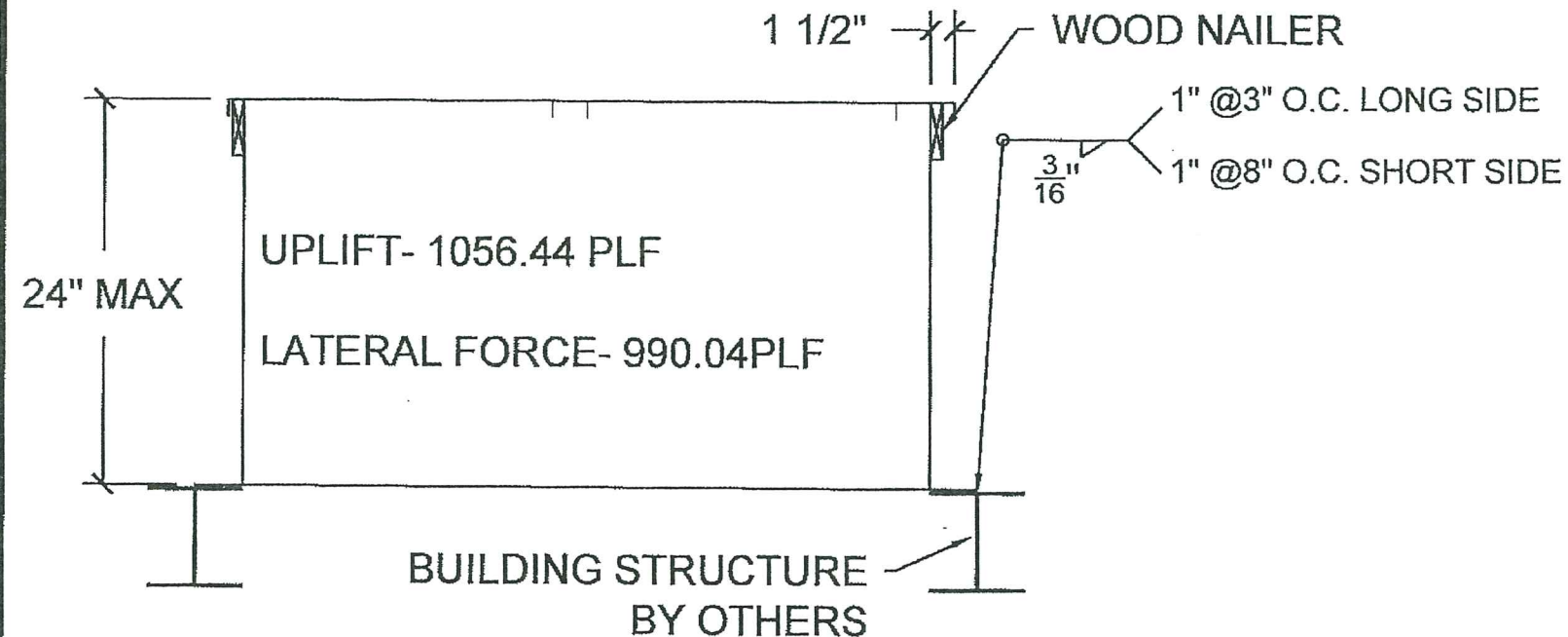
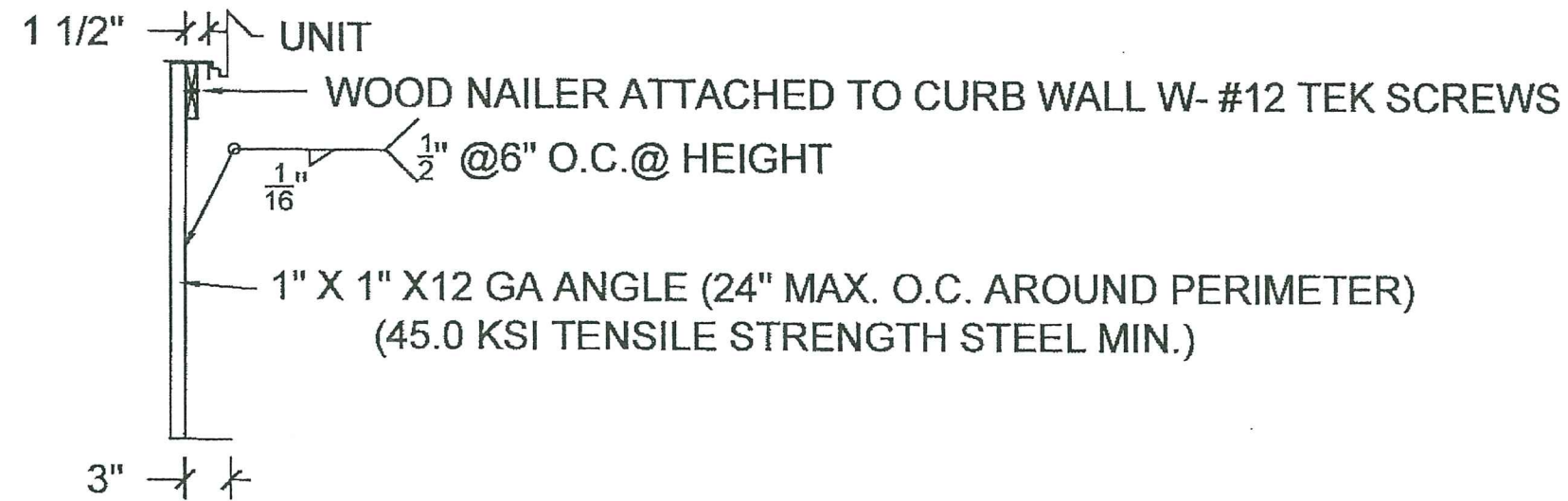


EXP 2-28-2023

File Name: MIAMI-DADE TR15 2021

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CURB STIFFENER ATTACHMENT TO CURB

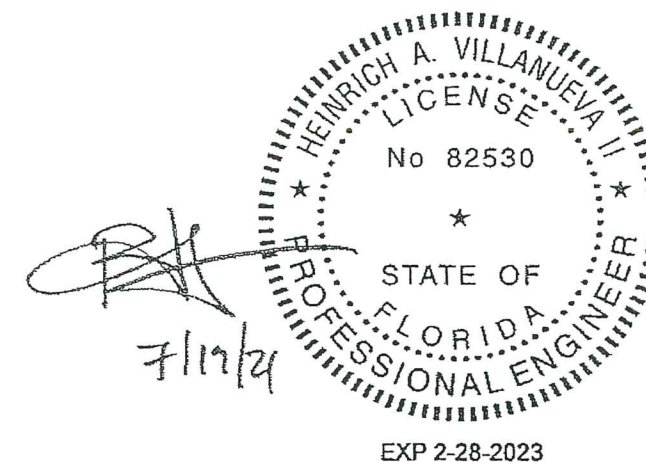


CURBS PLUS, INC.

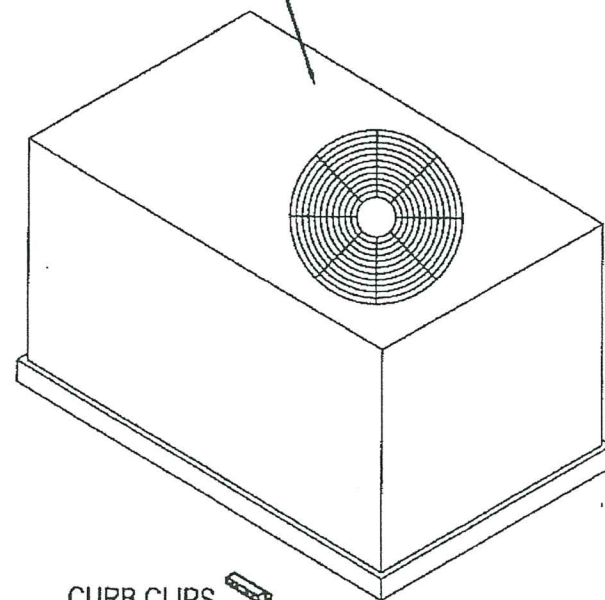
8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-010-3
DATE: 12-22-15
NUMBER: 10 OF 10
PRODUCT NAME:
TRANE TE/TC/YCD 480-600
PROFESSIONAL ENGINEER:
Heinrich A. Villanueva, PE
DWG. REV. DATE: 5-6-21

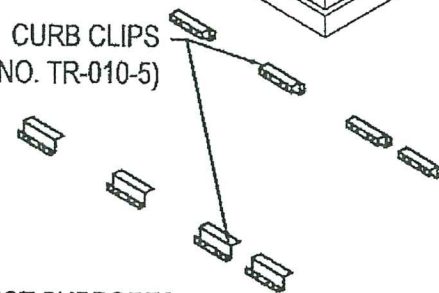
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



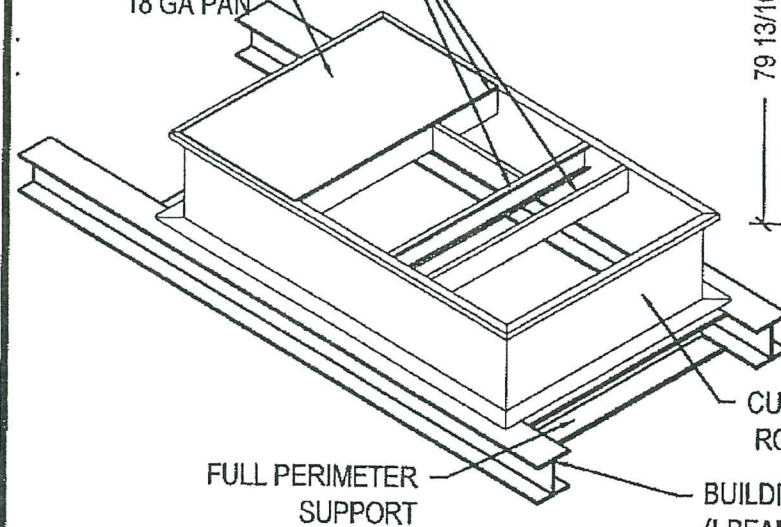
TRANE SUPPLIED HVAC UNIT



CURB CLIPS
(SEE DWG NO. TR-010-5)



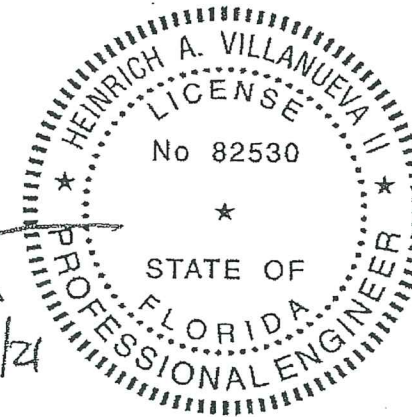
DUCT SUPPORTS
INSULATED
18 GA PAN



FULL PERIMETER
SUPPORT

CURBS PLUS INC.
ROOF CURB

BUILDING STRUCTURE
(I-BEAMS SHOWN, STRUCTURE TYPE
TO BE DETERMINED BY LOCAL CODE/ENGINEER
AND TO BE PROVIDED BY OTHERS)



EXP 2-28-2023

CURBS PLUS, INC.

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DWG. NO.: TR-010-4

DATE: 12-22-15

NUMBER: 10 OF 10

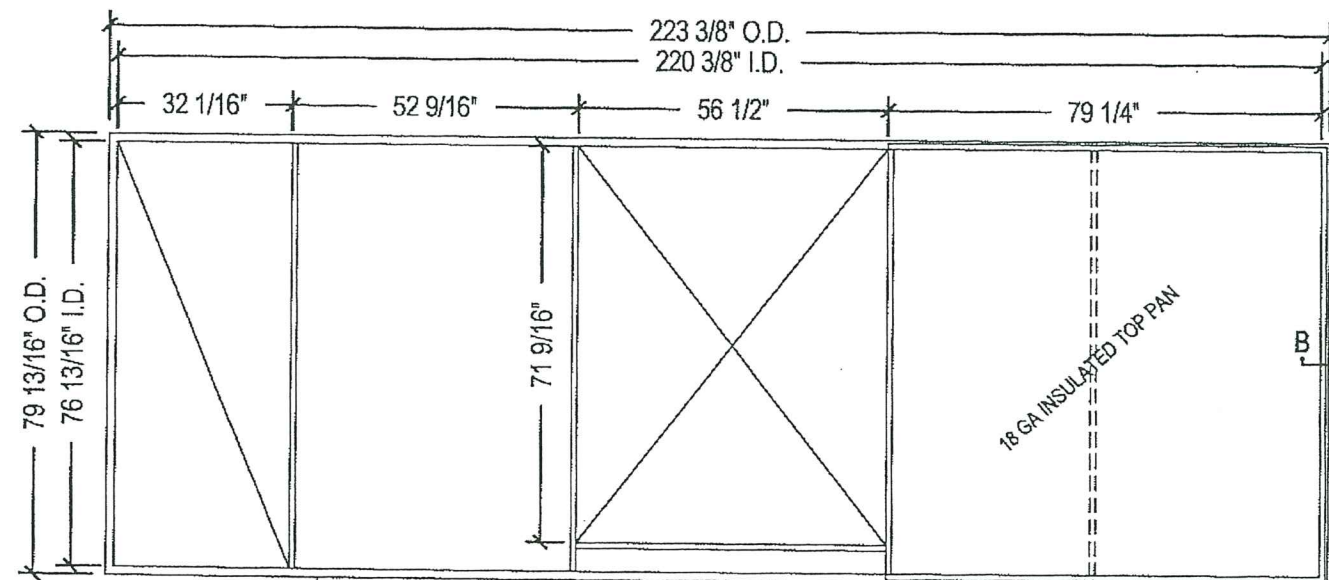
PRODUCT NAME:

TRANE TE/TC/YCD 480-600

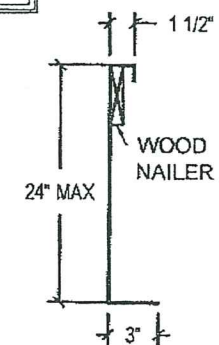
PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21



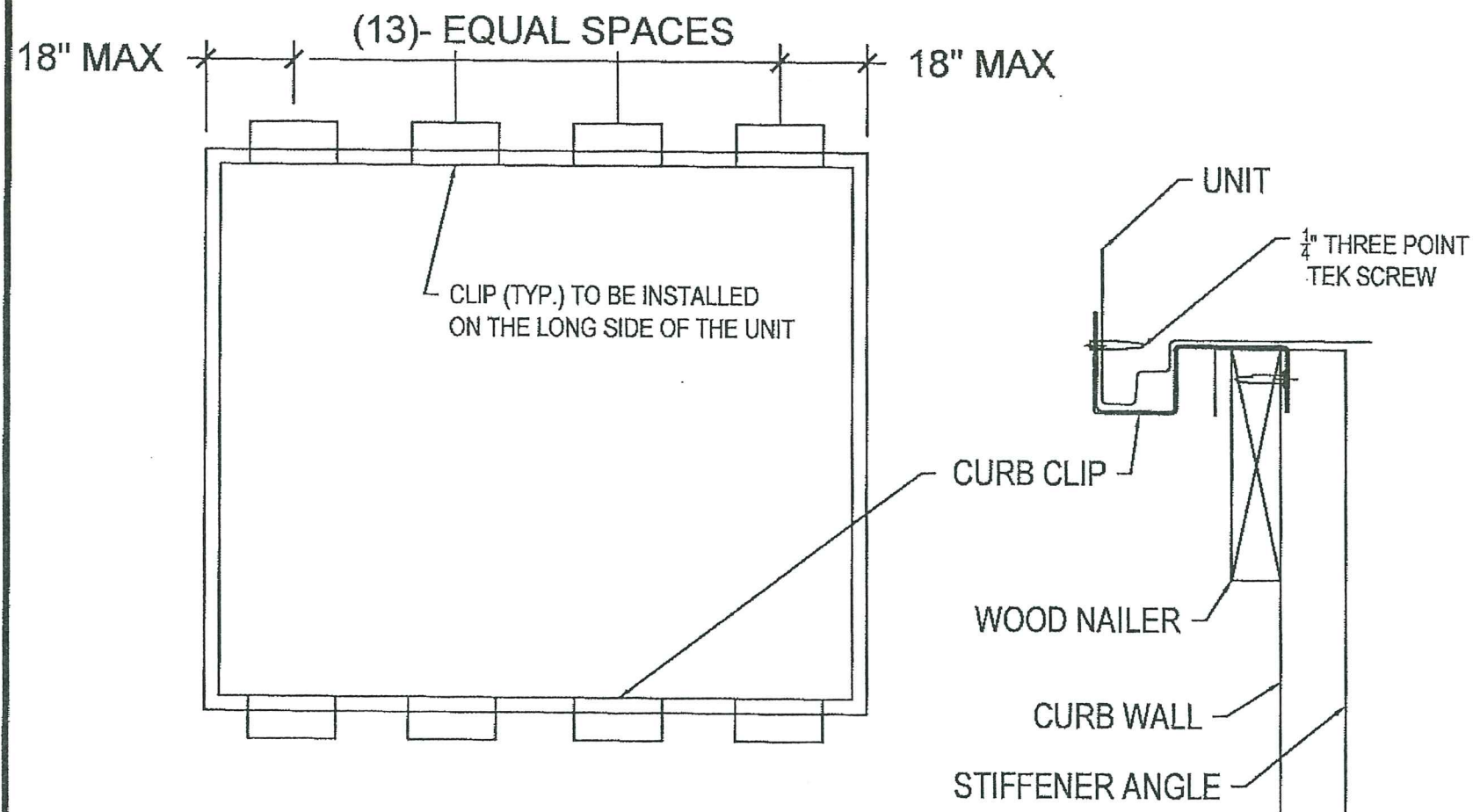
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408-04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
Miami Dade Product Control



TYPICAL SECTION BB

File Name: MIAMI-DADE TR15 2021

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CURBS PLUS, INC.

8767 Alabama Hwy
Ringgold, GA 30736
Phone: (706) 858-1188
Fax: (706) 866-2339
website: www.curbs-plus.com

DWG. NO.: TR-010-5

DATE: 12-22-15

NUMBER: 10 OF 10

PRODUCT NAME:

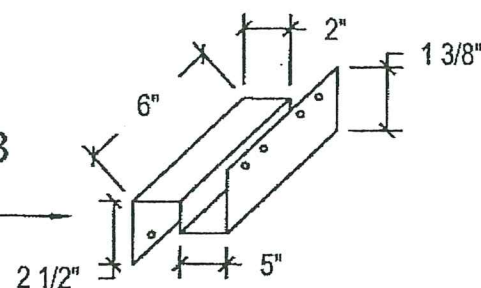
TRANE TE/TC/YCD 480-600

PROFESSIONAL ENGINEER:

Heinrich A. Villanueva, PE

DWG. REV. DATE: 5-6-21

(28)- CURB CLIPS MIN. PER CURB
TYPICAL CURB CLIP

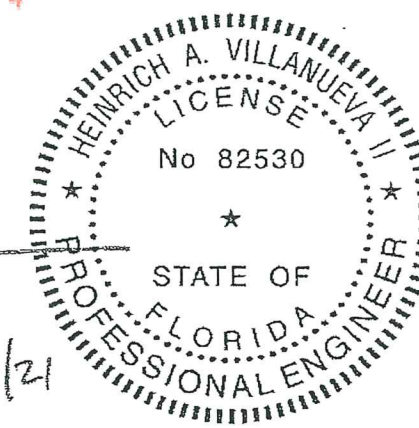


CURB CLIP TO BE 12 GA STEEL CONSTRUCTION (.1017" MIN)
LENGTH= 6"
STEEL= 45.0 KSI (MIN.) TENSILE STRENGTH

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0408.04
Expiration Date JUN 30 2026
By *Heinrich A. Villanueva*
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[Signature]

7/19/21



EXP 2-28-2023