



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)

Trane US, Inc.
2473 Fortune Drive
Lexington, KY 40509

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 Division (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: Trane Custom Climate Changer Air Handler Units

APPROVAL DOCUMENT: Drawing No. S6538-0029, titled "Trane Custom Climate Changer Air Handler Units", sheets 1 through 13 of 13, prepared by Wolters Engineering, Inc., dated August 24, 2020, signed and sealed by Scott Wolters, P.E., on August 24, 2020, bearing 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: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Ft. Smith, Arkansas 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 **revises & renews** NOA #20-0901.26 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

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



H. A. Makar
12/19/24

NOA No. 24-1002.01
Expiration Date: 01/23/2030
Approval Date: 12/19/2024
Page 1

Trane US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0530.02

A. DRAWINGS

1. *Drawing No. S6538-0029, titled "Trane Custom Climate Changer Air Handler Units", sheets 1 through 13 of 13, prepared by Wolters Engineering, Inc., dated July 29, 2008, signed and sealed by Scott Wolters, P.E., on July 29, 2008.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Trane Custom Climate Changer Air Handler Unit, prepared by Hurricane Test Laboratory, Inc., Report No. 0254-0519-07, dated 02/18/2008, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Panel and fasteners analysis prepared by Wolters Engineering, Inc., dated May 12, 2008, signed and sealed by Scott Wolters, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test Report #11M-1295, issued by QC Metallurgical, Inc., dated 10/30/01*
2. *Tape properties by SikaLastomer Technique.*
3. *Tape properties by Durace, Inc.*
4. *Rigid Froth-Foam properties from Foam Enterprises.*
5. *Salt Spray test per ASTM B117.*
6. *Industrial Polyurethane Adhesive/Sealant properties by Sikaflex.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-0708.07

A. DRAWINGS

1. *Drawing No. S6538-0029, titled "Trane Custom Climate Changer Air Handler Units", sheets 1 through 13 of 13, prepared by Wolters Engineering, Inc., dated May 29, 2013, signed and sealed by Scott Wolters, P.E., on May 29, 2013.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

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. 24-1002.01
Expiration Date: 01/23/2030
Approval Date: 12/19/2024

Trane US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. *FBC, 2010 conformance letter, dated May 29, 2013, signed and sealed by Scott Wolters, P.E., on May 29, 2013.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-1120.11

A. DRAWINGS

1. *Drawing No. S6538-0029, titled "Trane Custom Climate Changer Air Handler Units", sheets 1 through 13 of 13, prepared by Wolters Engineering, Inc., dated October 30, 2015, signed and sealed by Scott Wolters, P.E., on October 30, 2015.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2014 conformance letter, dated April 20, 2015, signed and sealed by Scott Wolters, P.E., on June 10, 2015.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0212.06

A. DRAWINGS

1. *None.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2017 conformance letter, dated November 17, 2017, signed and sealed by Scott Wolters, P.E., on November 17, 2017.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1002.01
Expiration Date: 01/23/2030
Approval Date: 12/19/2024

Trane US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0717.06**
- A. DRAWINGS**
1. *None.*
- B. TESTS:**
1. *None.*
- C. CALCULATIONS:**
1. *None.*
- D. QUALITY ASSURANCE**
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
- E. MATERIAL CERTIFICATIONS**
1. *None.*
- F. STATEMENTS**
1. *FBC, 2017 conformance letter, dated November 17, 2017, signed and sealed by Scott Wolters, P.E., on November 17, 2017.*
- 6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-1113.01**
- A. DRAWINGS**
1. *Drawing No. S6538-0029, titled "Trane Custom Climate Changer Air Handler Units", 13 sheets, prepared by Wolters Engineering, Inc., dated 11/13/19, signed and sealed by Scott Wolters, P.E., on 11/13/19.*
- B. TESTS:**
1. *Test report per TAS 201, TAS 203 and TAS 202 Test of Trane Custom Climate Changer Air Handler Unit, prepared by Intertek, Report No. 18070.01-450-18, dated 10/04/19, signed and sealed by Vinu J. Abraham, P.E.*
- C. CALCULATIONS:**
1. *None.*
- D. QUALITY ASSURANCE**
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
- E. MATERIAL CERTIFICATIONS**
1. *None.*
- F. STATEMENTS**
1. *FBC, 2017 conformance letter, dated November 17, 2017, signed and sealed by Scott Wolters, P.E., on November 17, 2017.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1002.01
Expiration Date: 01/23/2030
Approval Date: 12/19/2024

Trane US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0901.26

A. DRAWINGS

1. *Drawing No. S6538-0029, titled "Trane Custom Climate Changer Air Handler Units", sheets 1 through 13 of 13, prepared by Wolters Engineering, Inc., dated August 24, 2020, signed and sealed by Scott Wolters, P.E., on August 24, 2020.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2020 conformance letter, dated July 13, 2020, signed and sealed by Scott Wolters, P.E., on July 13, 2020.*

8. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*

D. QUALITY ASSURANCE

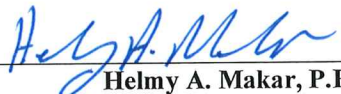
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

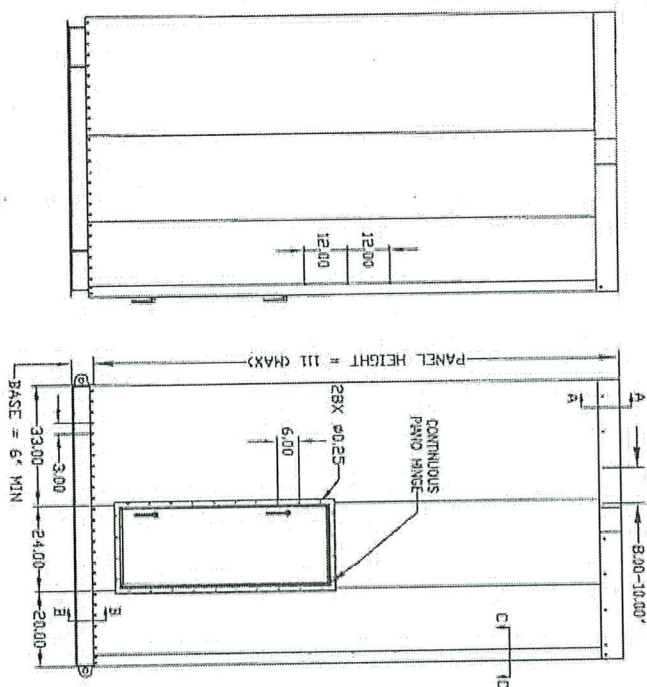
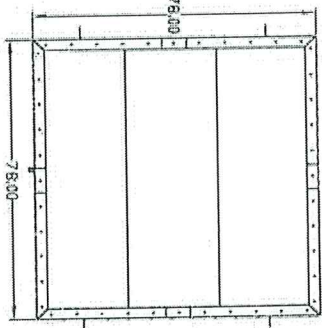
F. STATEMENTS

1. *FBC, 2023 conformance letter, dated Sep. 23, 2024, signed and sealed by Scott Wolters, P.E., on Sep. 23, 2024.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1002.01
Expiration Date: 01/23/2030
Approval Date: 12/19/2024

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002.01
Expiration Date 01/23/2030
By Heidi H. Webb
Miami Trade Product Control



APPROVED MAX. SIZE FOR WALL PANELS
At design wind load of 100 PSF for foam
and 65 PSF for fiberglass

Well 1, 2, 3 and 4
Foam (2" thick)
33" x 111"
24" x 111"
20" x 111"

Well 5
Fiberglass and foam
(4" thick)
30" x 121"

FASTENERS
Panels secured to the Base Structural Steel
Frame with 1/4" Hex Head, Zinc Plated,
Fasteners and Neoprene Washers
Self-topping 3.0" O.C. (MAX)

UNIT BASE
Fully Welded 0.123"(min.) Thick Structural U
Beam with Intermediate U Beam Cross
Supports at 24" O.C.
(See notes Sht. 5)

UNIT FLOORS
Inner work on Floor is
14 ga Steel

ACCESS DOOR (60H x 24W AND 48H x 30W)
20ga G-90 Galv. (Outer)
20ga G-90 Galv. (Inner)
ITM 4 Doors
2 Door handles- VENTLOK 260

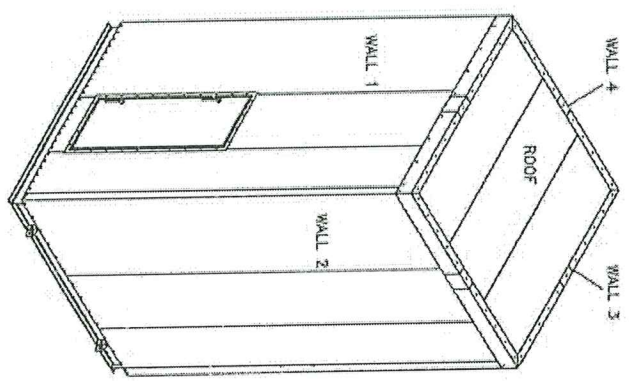
Well Construction Detail (well 1 and well 3)
Inner Skin 20 ga steel/Outer Skin 18 ga steel
Internal Stiffener Layout
33" wide panel contains 3 internal stiffeners
24" wide panel contains 2 internal stiffeners
18" wide panel contains 2 internal stiffeners
External hot channels
Applied to door/opening seams only (well 1)
No hot channels for well 3

WALL CONSTRUCTION DETAIL (4)
Inner Skin 20 ga steel
Outer Skin 18 ga steel
1 Stiffener per panel (internal)
Hot Channels at external wall panel seams
Panel Widths: 33", 24" and 18"

WALL CONSTRUCTION DETAIL (2)
Inner Skin 0.050" AL Material
Outer Skin 0.050" AL Material
1 Stiffener per panel (internal)
Hot Channels at external wall panel seams
Panel Widths: 33", 24" and 18"

ROOF CONSTRUCTION DETAIL
Inner AND Outer Skin 0.050" AL Material
1 Stiffener per panel (internal)
No Hot Channels Up to 77L x 25W. The
Rest follow Wall Panel Construction.

APPROVED MAX. SIZE FOR ROOF PANELS
At design wind load of 75 PSF for foam
and 46.75 PSF for fiberglass (see below)
(see Roof Construction details below)



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0901.26
Expiration Date 01/23/2025
By Heidi H. Webb
Miami Trade Product Control

NOTE:
UNIT CAN BE CONSTRUCTED WITH ANY ONE OF THESE
WALL CONSTRUCTION METHODS OR ANY COMBINATION OF
THESE CONSTRUCTION METHODS
SEE ALLOWABLE DESIGN WIND LOAD FOR FOAM AND
FIBERGLASS. WHEN COMBINED THE ALLOWABLE DESIGN
WIND LOAD SHALL BE LIMITED TO FIBERGLASS AS DESIGN
LOAD (65 PSF FOR WALL AND 46.75 PSF FOR ROOF)



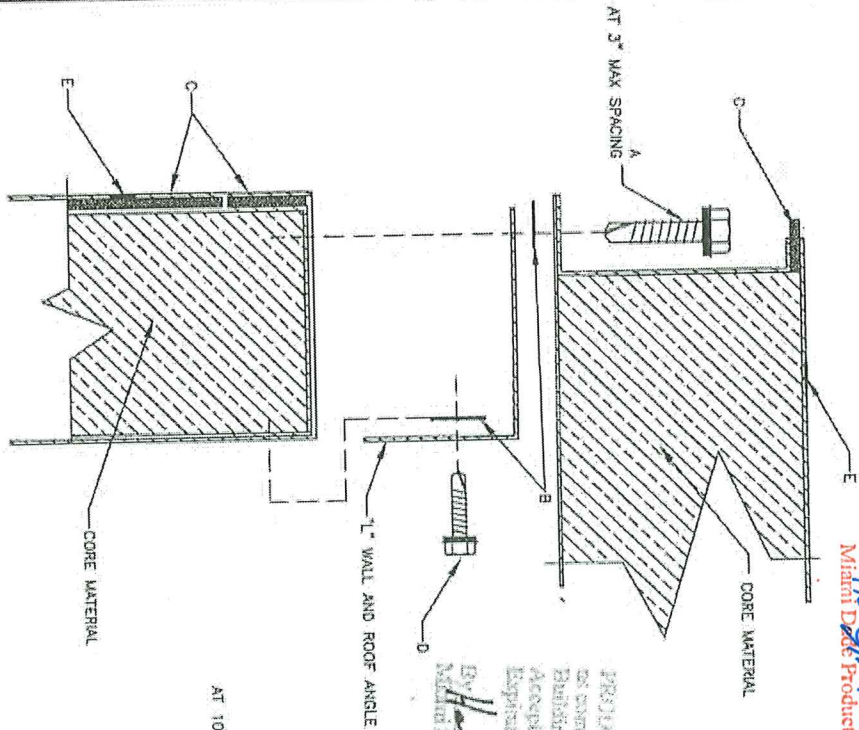
TRANE CUSTOM
Climate Changer™ Air Handler Units

STATE OF FLORIDA
PROFESSIONAL ENGINEER
SCOTT WOLTERS
No. 12580
Exp. 12/31/2024
VICTOR P. BROWN, II
No. 12580
Exp. 12/31/2024

PROJECT: HURRICANE CERT
DESCRIPTION: TEST UNIT SPECIFICATION
SALES OFFICE:
JOB NUMBER:
PREPARED BY:
UNIT TAG:
SHIP VLT:

OPENING AND DIMENSIONS FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

SECTION A-A
ROOF / WALL JOINT



PRODUCT REVISED
as complying with the Florida:
Building Code
Acceptance No. **24-1002.01**
Expiration Date **01/23/2020**
By **H.A.H. Miller**
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida:
Building Code
Acceptance No. **20-0901.26**
Expiration Date **01/23/2025**
By **H.A.H. Miller**
Miami Dade Product Control

SHEET 2 OF 13

OPENING AND CLOSING
SCOTT WOLTERS
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
NO. 12570
EXPIRATION DATE 12/31/2024
12570-2002
WEST PALM BEACH, FL 33411

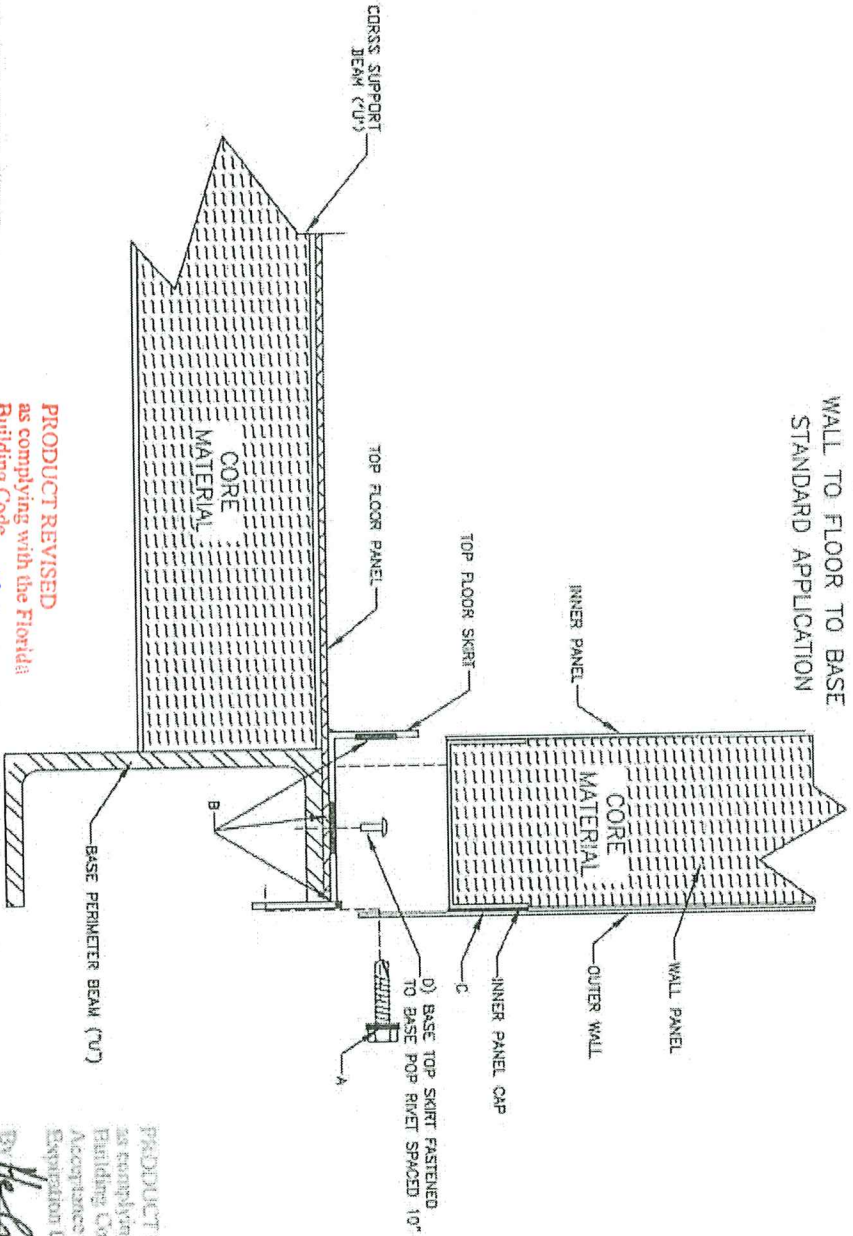
PROJECT: HURRICANE CERT
DESCRIPTION: ROOF/WALL JOINT
SALES OFFICE:
JOB NUMBER:
PROPOSAL #:
BYG #S6538-0229
UNIT TAG:
SHIP VTI



TRANE CUSTOM
Climate Changer™ Air Handler Units

A	SCREW 1/4"-14 X 1"
B	BUTYL TAPE 1/8" X 1" (SIKA)
C	TAPE 1/8" X 0.75 (DURACOR/STIKI)
D	SCREW #10-16 X 1"
E	SEALANT, 1/4" BEAD (SIKALEX)

WALL TO FLOOR TO BASE STANDARD APPLICATION



TYPICAL CORE MATERIAL OPTIONS
WALL: 2'-4" FOAM AND 4" FIBERGLASS
FLOOR: 2'-4" FOAM OR FIBERGLASS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002-01
Expiration Date 08/25/2020
By Heidi H. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0101-16
Expiration Date 01/23/2025
By Heidi H. Miller
Miami Dade Product Control

SECTION B-B

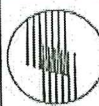
SHEET 3 OF 13

OPENING AND EMBLEM FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

DESIGNER
SCOTT VOLLMER
P.E. REG. 62554
WALTER ENGINEERING, INC.
12001 STATE ROAD N
WEST PALM BEACH, FL 33418

PROJECT: HURICANE CERT
DESCRIPTION:
SALES OFFICE:

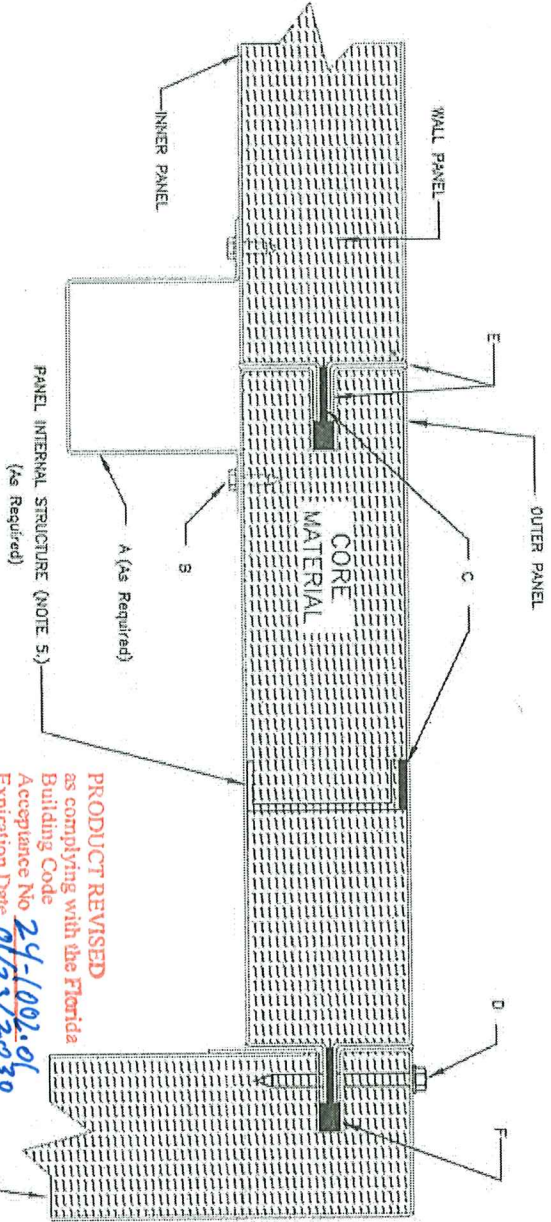
JOB NUMBER
PROPOSAL #
DWG # S6538-0029
UNIT TAG
SHIP KIT



TRANE CUSTOM
Climate Changer™ Air Handler Units

A) SCREW 1/4-14 X 1"
B) SEALANT, 1/4" BEAD (SIKAREX)
C) TAPE 1/8" X 0.75" (DURACOD/STIKID)
D) RIVET 5/16 X 1"

TYPICAL WALL CASING DETAIL SECTION C-C



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002-01
Expiration Date 01/23/2030
By Heidi A. Miller
Miami Dade Product Control

- NOTES:
1. DOUBLE WALL THICKNESS CAN BE FROM 2 TO 4 INCHES. FOR FOAM CORE MATERIAL AND 4" FOR FIBERGLASS.
 2. FOR MAXIMUM ROOF/FLOOR & WALL PANEL SIZES AND DETAILS, (SEE SHT. 1).
 3. MAXIMUM WIND LOAD FOR FOAM WALL AND FLOOR PANEL DESIGN IS 100 PSF.
 4. MAXIMUM WIND LOAD FOR FOAM ROOF PANEL DESIGN IS 75 PSF.
 5. MAXIMUM WIND LOAD FOR FIBERGLASS WALL AND FLOOR PANEL IS 65 PSF.
 6. MAXIMUM WIND LOAD FOR FIBERGLASS ROOF PANEL DESIGN IS 48.75 PSF.
 7. PANEL INTERNAL STRUCTURAL CHANNELS ARE SPOT WELDED TO INSIDE SKIN.

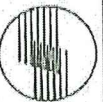
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 26-0901-26
Expiration Date 01/23/2025
By Heidi A. Miller
Miami Dade Product Control

A	HAT CHANNEL
B	SCREW #10-16 X 1"
C	TAPE/B" X 0.75 (DURACO/STIKI)
D	SCREW #10-16 X 3"
E	SEALANT, 1/4" BEAD (SIKA-FLEX)
F	TAPE, 1/4" X 0.75 (DURACO/STIKI)

OPENING AND DRAINAGE DETAILS FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

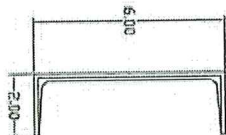
SCOTT WOLTERS
P.E. FOR ELEC
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
NO. 12410
EXPIRATION DATE 01/24/2025

PROJECT: HURRICANE CERT
DESCRIPTION:
SALES OFFICE:
JOB NUMBER:
PROPOSAL #: DVG #SS538-0029
UNIT TAG:
SHIP WT:

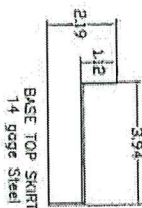


TRANE CUSTOM
Climate Changer™ Air Handler Units

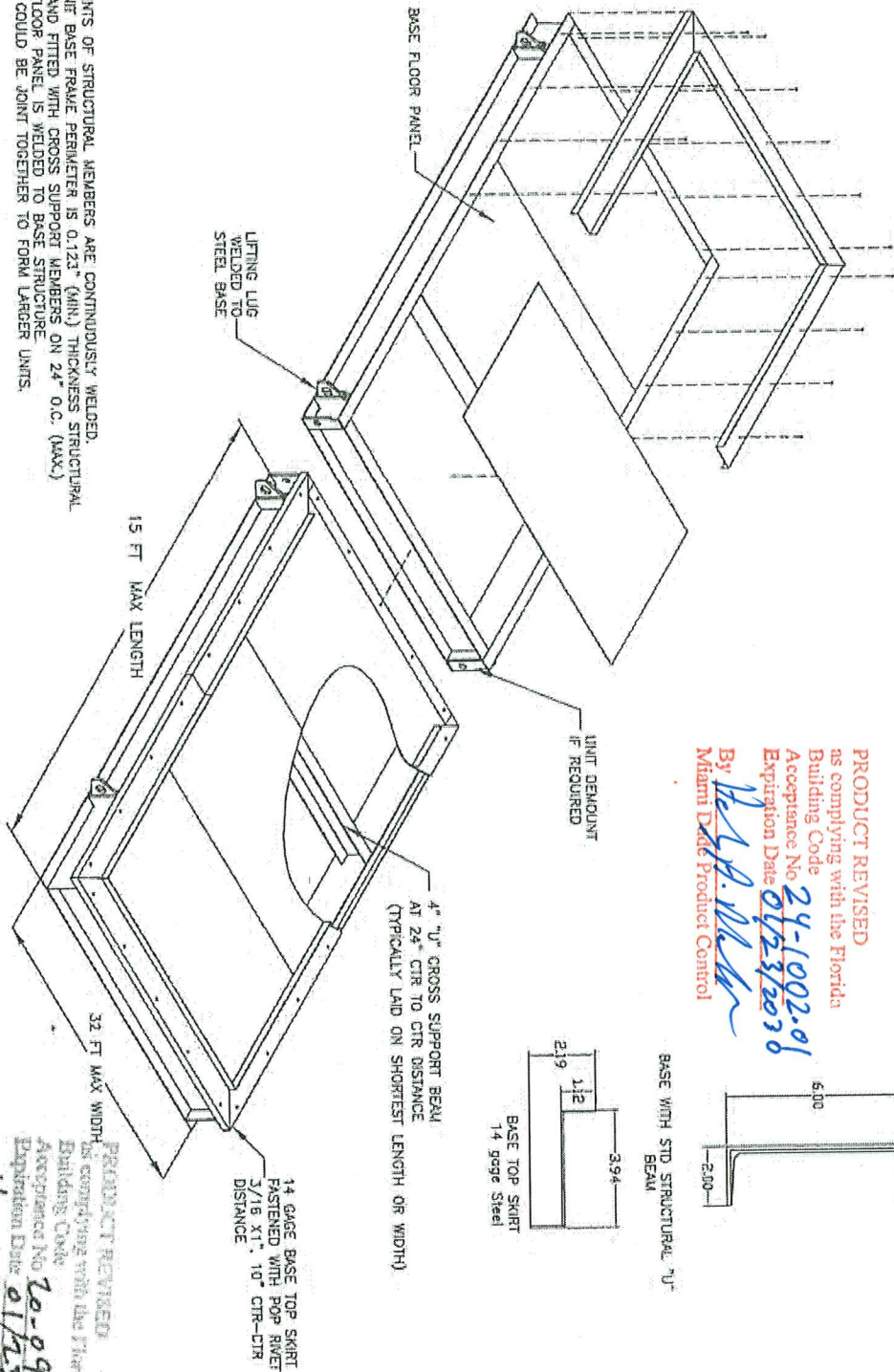
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **24-1002-01**
Expiration Date **04/23/2026**
By **Heidi A. Miller**
Miami Dade Product Control



BASE WITH STD STRUCTURAL "U"
BEAM



BASE TOP SKIRT
14 gage Steel



- NOTES:
1. ALL JOINTS OF STRUCTURAL MEMBERS ARE CONTINUOUSLY WELDED.
 2. THE UNIT BASE FRAME PERIMETER IS 0.123" (MIN.) THICKNESS STRUCTURAL STEEL AND FITTED WITH CROSS SUPPORT MEMBERS ON 24" O.C. (MAX.)
 3. BASE FLOOR PANEL IS WELDED TO BASE STRUCTURE.
 4. BASES COULD BE JOINT TOGETHER TO FORM LARGER UNITS.

SHEET 5 OF 13

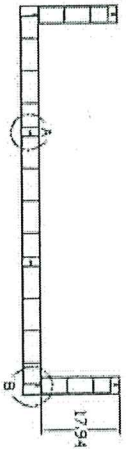
OPENING AND DIMENSIONS SHALL BE FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

OWNER: SCOTT WATERS 16 164 16304	DESIGNER: STATE OF FLORIDA DESIGNER'S SEAL 16 164 16304	PROJECT: HURRICANE CERT	JOB NUMBER: PROPOSAL #:
SALES OFFICE:		DESCRIPTION:	DWG #1 S653B-0029
		UNIT TAG:	SHIP VTI

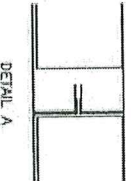
TRANE CUSTOM
Climate Changer™ Air Handler Units

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **20-0901-26**
Expiration Date **01/23/2025**
By **Heidi A. Miller**
Miami Dade Product Control

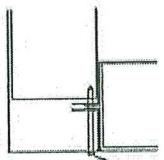
FIBERGLASS PANEL ASSEMBLY (WALL 5)



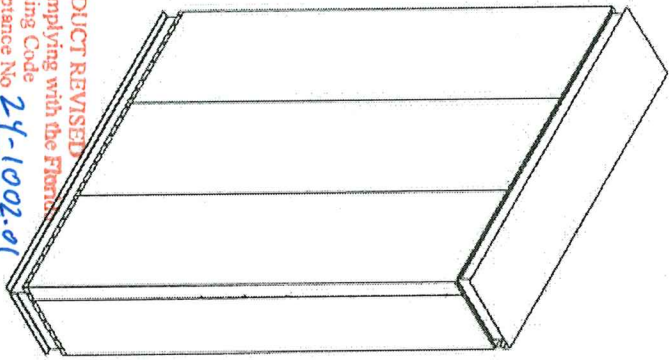
SECTION D-D



DETAIL A



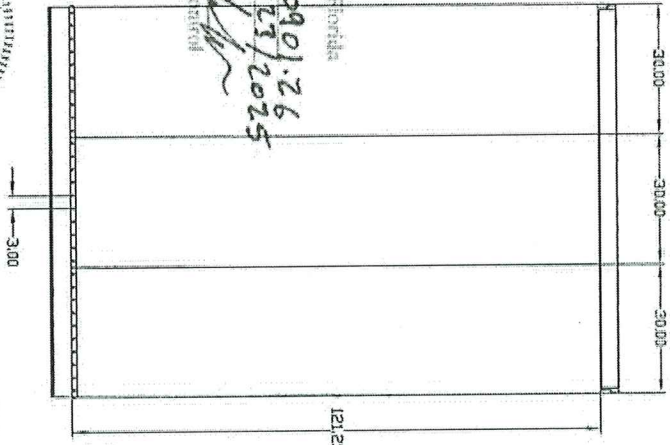
DETAIL B



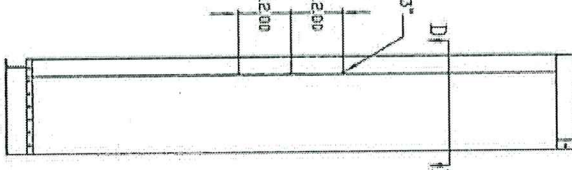
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.01
Expiration Date 04/23/2030

By *Healy H. Miller*
Miami Die Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0901.26
Expiration Date 01/13/2025
By *Healy H. Miller*
Miami Die Product Control



SCREW 1/4"-14 X 3"



DETAIL D

NOTES:
FIBERGLASS UNIT WALL PANEL MAXIMUM DESIGN WIND
LOAD 65 PSF
FIBERGLASS UNIT ROOF PANEL MAXIMUM DESIGN WIND
LOAD 48.75 PSF

WALL CONSTRUCTION DETAIL
4" Thick Solid Wall (1.5 lbs density Fiberglass
Insulation)
Inner Skin 20 ga Galvanized
Outer Skin 18 ga Galvanized

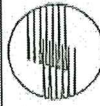
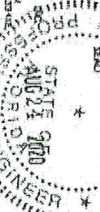
PANEL WIDTH NUMBER OF INTERNAL STITCHES	18"	2	3
	30"		

SHEET 6 OF 13

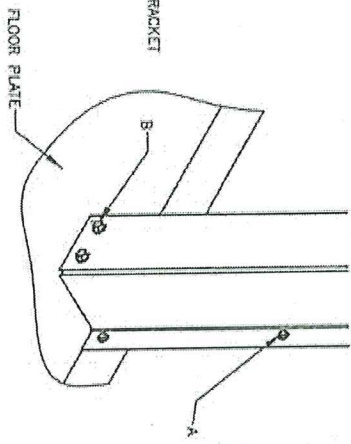
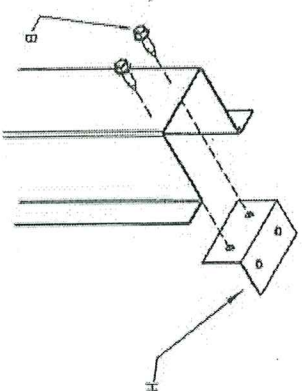
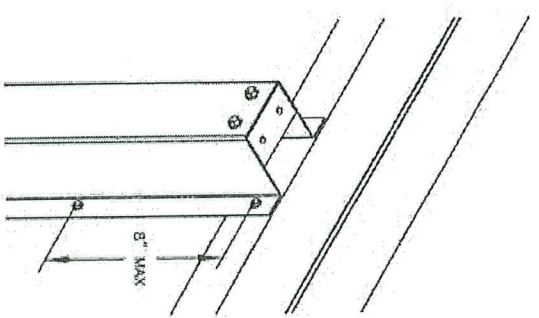
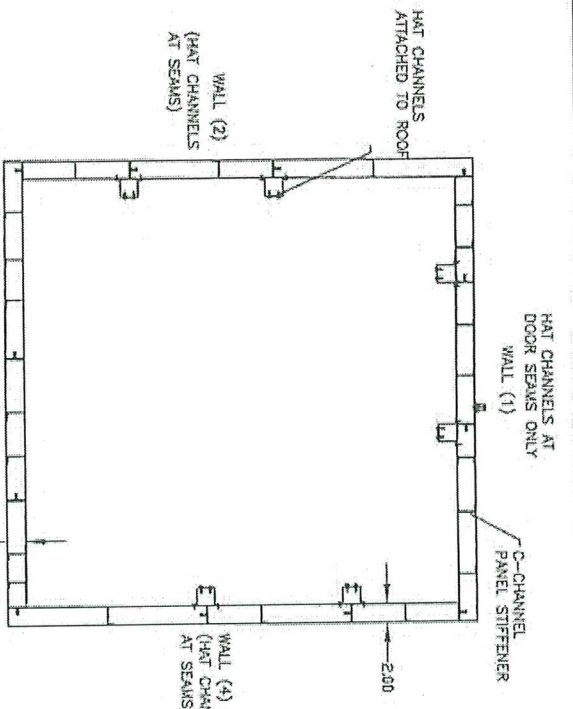
WALL PANEL FASTENED TO BASE TOP SKIRT WITH 1/4"-14 X 1"

OPENING AND DIMENSIONS SHALL BE IN ACCORDANCE WITH CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

DESIGNER
SCOTT WOLTERS
FL REG 63294
DATE 08/21/2020
PROJECT HURRICANE CERT
DESCRIPTION:
SALES OFFICE:
SHIP WT:



TRANE CUSTOM
Climate Changer™ Air Handler Units



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 24-1002-01
 Expiration Date 01/23/2025
 By Heidi A. Miller
 Miami Dept. Product Control

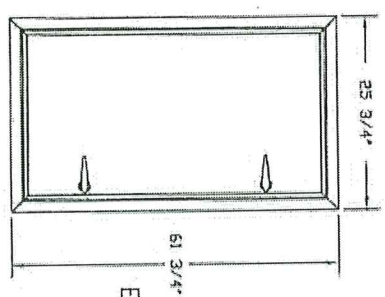
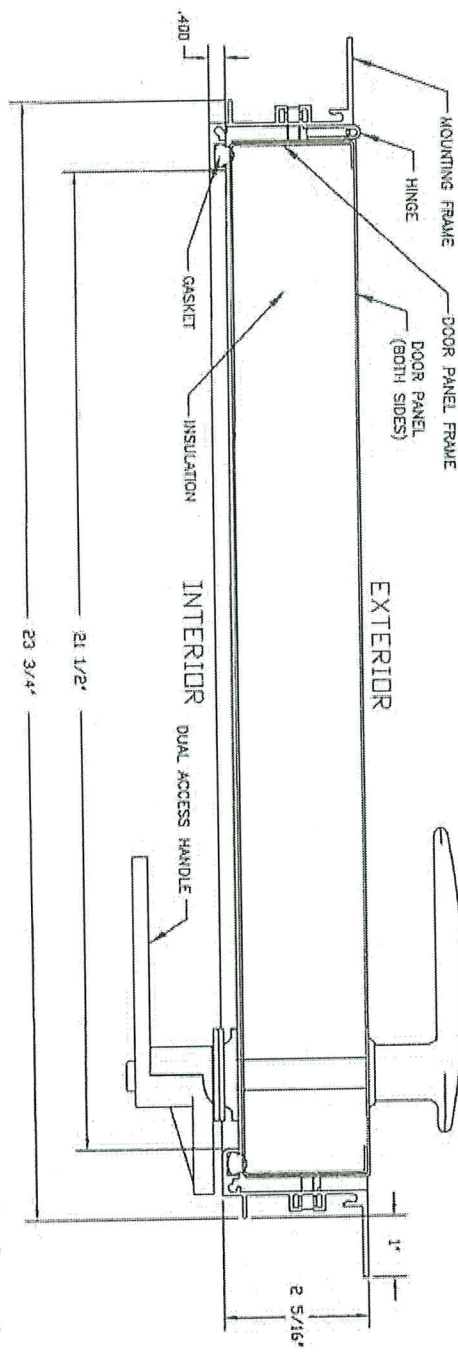
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 20-0901-26
 Expiration Date 01/23/2025
 By Heidi A. Miller
 Miami Dept. Product Control

- NOTE:
 1. ROOF PANELS ARE HIDDEN FOR CLARITY.
 2. 1" ANGLES ARE FASTENED TO HAT CHANNELS AND ROOF AND ROOF PANELS AS WELL

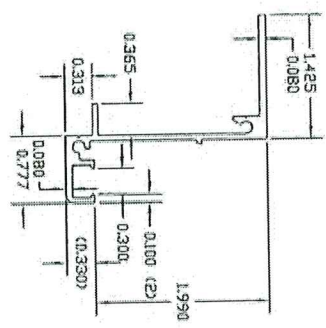
SHEET 7 OF 13

OPENING AND DIMENSIONS SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES	
PROJECT: HURRICANE CERT DESCRIPTION: SALES OFFICE:	JOB NUMBER: PROPOSAL #: DWG # S6538-0029 UNIT TAG: SHIP WT:
<div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> TRANE CUSTOM Climate Changer™ Air Handler Units </div> </div>	

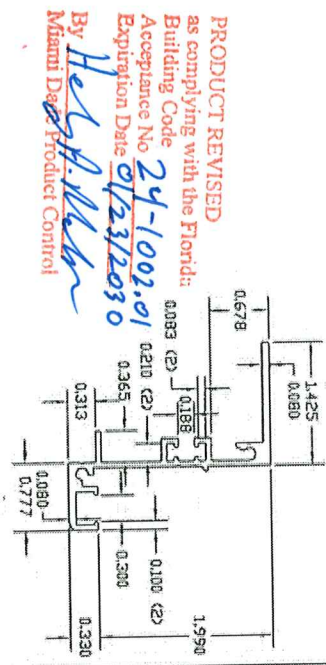
- A) Screw #10-16 X 1"
 B) Screw 1/4" X 1"



EXTERIOR



OUT-OPNG. P22N MOUNTING FRAME



OUT-OPNG. DOOR MOUNTING FRAME

SPECIFICATIONS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 20-0901-26
 Expiration Date 01/23/2030
 By *Healy P. Miller*
 Miami Dec Product Control

MOUNTING FRAME:
 .060 6063-15 EXTRUDED ALUMINUM

DOOR PANELS:
 20 GA. GALVANIZED STEEL SHEET

INSULATION:
 2-1/4" DENSITY, R13
 POLYURETHANE FOAM

HINGES:
 .050 STAINLESS STEEL CONTINUOUS
 TYPE

HANDLES:
 DUAL ACCESS ZINC DIE CAST

GASKET:
 ONE PIECE SANTOPRENE

FINISH:
 MILL

SHEET 8 OF 13

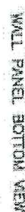
OPENING AND DIMENSIONS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

PROJECT: HURRICANE CERT
 DESCRIPTION: ITM4 DDDR
 SALES OFFICE:

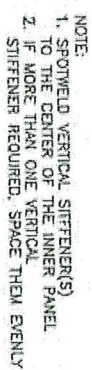
JOB NUMBER:
 PROPOSAL #:
 DWG. #: S6538-0029
 UNIT TAG:
 SHIP VLT:

TRANE CUSTOM
 Climate Changer™ Air Handler Units

Acceptance Pin 20-0901-26
Expiration Date 01/23/2025
By: H. A. Walker
Mission Dr.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002-01
Expiration Date 04/23/2030
By Heidi A. Miller
Miami Data Product Control



OPENING AND DIMENSIONS: 14023657 / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

#1
6538-0029



TRANE CUSTOM
Climate Changer™ Air Handler Units

SHEET 10 OF 13

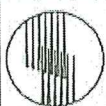
OPENING AND DIMENSIONS SHALL BE FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

DESIGNER
SCOTT WOLTER
FL REG 62034

STATE OF
FLORIDA
REGISTERED PROFESSIONAL ENGINEER
No. 40279

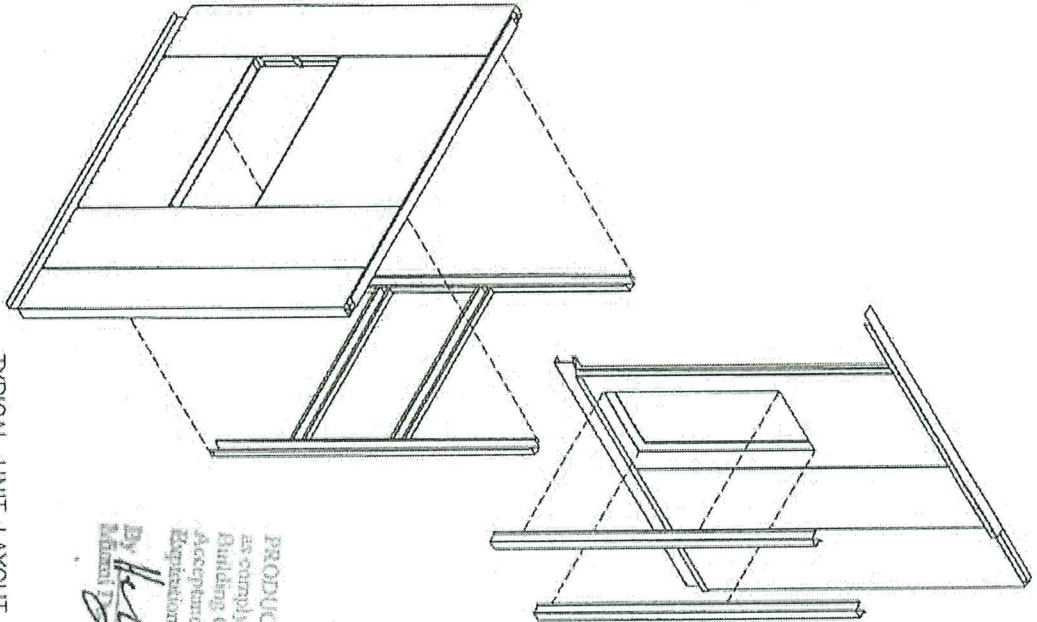
PROJECT: HURRICANE CERT
DESCRIPTION:
SALES OFFICE:

JOB NUMBER
PROPOSAL #
DWG # S6538-0029
UNIT TAG
SHIP VTI

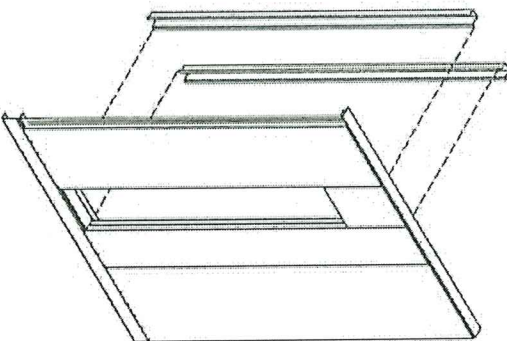


TRANE CUSTOM
Climate Changer™ Air Handler Units

TYPICAL UNIT LAYOUT

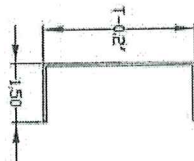


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0901-26
Expiration Date 01/23/2025
By *W. H. A. Miller*
Miami Design Product Control

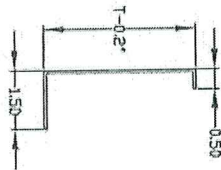


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002-01
Expiration Date 01/23/2030
By *W. H. A. Miller*
Miami Design Product Control

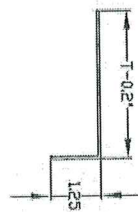
- NOTES:
1. OPENINGS WIDER THAN 24" WILL BE FRAMED AROUND.
 2. OPENINGS UP TO 24" WIDE GET VERTICAL HAT CHANNELS AT BOTH ENDS OF THE OPENINGS.
 3. DOOR FRAME, REMOVABLE PANELS, DAMPERS AND OTHER COMPONENT WILL BE FASTENED TO THE OPENINGS USING 1/4"-14-1" SCREWS AT 10" MAX SPACING.



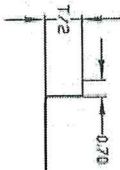
WALL PANEL END CAPS AND ALL
INTERNAL VERTICAL STIFFENERS
18 GAGE MIN.
MATERIAL TYPE WILL BE THE SAME
AS THE PANEL INNER SKIN MATERIAL
TYPE.



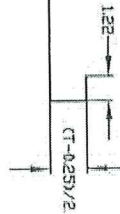
ROOF PANEL END CAP
18 GAGE MIN.
MATERIAL TYPE WILL
BE THE SAME AS THE
PANEL INNER SKIN
MATERIAL TYPE.



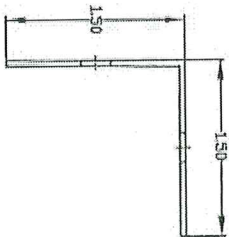
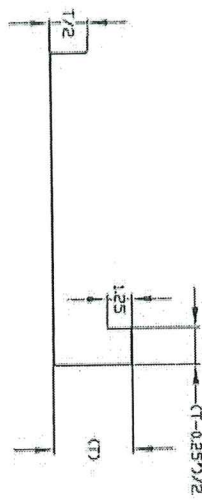
WALL / ROOF TOP "L" ANGLE
18 GAGE MIN.



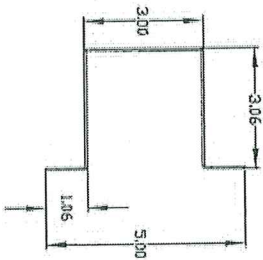
STANDARD PANEL PROFILE



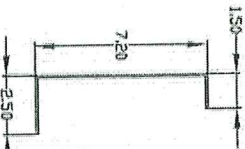
CORNER PANEL PROFILE



HAT CHANNEL "L" BRACKET
18 GAGE MIN.



HAT CHANNEL
18 GAGE MIN.



MULTIPLE ROOF JOINT
BACK TO BACK CHANNEL
10 GAGE MIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0991.26
Expiration Date 01/23/2025
By *Heidi A. Miller*
Miami Design Product Control

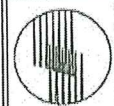
NOTES:
1. "T" PANEL THICKNESS"
2. ALL OTHER MATERIALS WILL
BE STEEL.

SHEET 11 OF 13
OPENING AND DIMENSIONS MAY VARY FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

DESIGNED BY
SCOTT VALENT
FL. REG. NO. 12345
DATE: 01/24/2024
VOLUME: 0001 OF 0001
WEST PALM BEACH, FL 33412

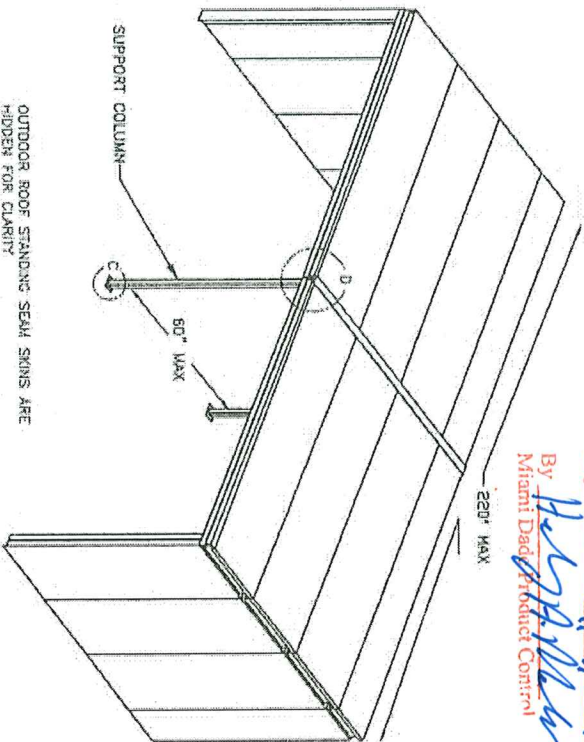
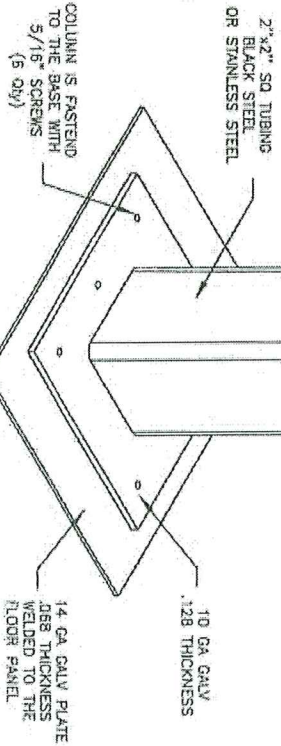
PROJECT: HURRICANE CERT
DESCRIPTION:
SALES OFFICE:

JOB NUMBER:
PROPOSAL #:
DWG # 56538-0029
UNIT TAG:
SHIP WT:

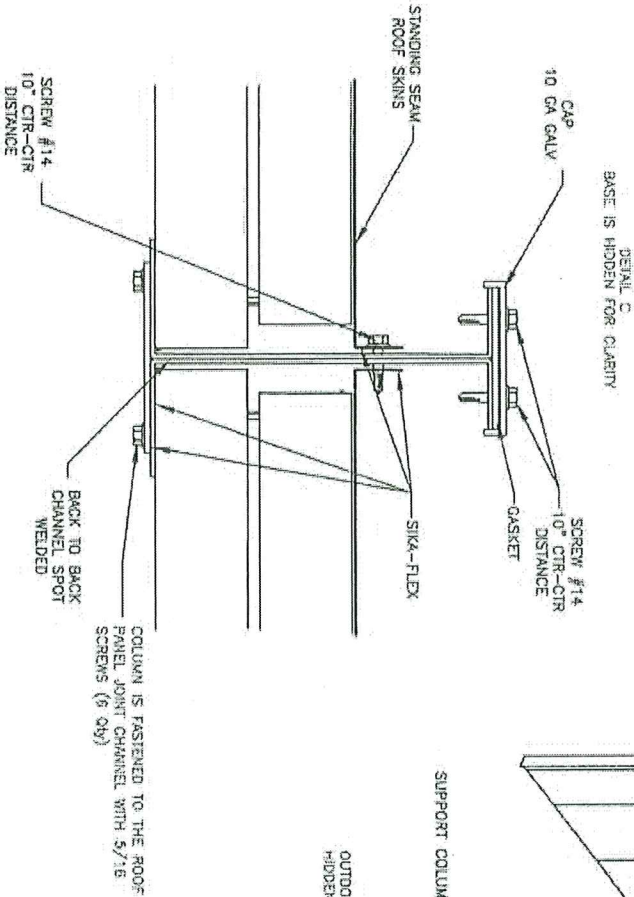


TRANE CUSTOM
Climate Changer™ Air Handler Units

MULTIPLE ROOF PANEL LAYOUT WITH SUPPORT



PRODUCT REVISED
as complying with the Florida:
Building Code
Acceptance No. 24-1002.9
Expiration Date 01/23/2025
By: *Heidi A. Miller*
Miami Dade Product Control



NOTES:
1. SINGLE LENGTH ROOF WILL NOT REQUIRE THE SUPPORT COLUMN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0901.26
Expiration Date 01/23/2025
By: *Heidi A. Miller*
Miami Dade Product Control

SHEET 12 OF 13

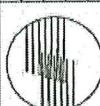
OPENING AND DIMENSIONS NOT TO SCALE FROM CONTRACT DOCUMENTS / RETURN OF APPROVED DRAWINGS CONSTITUTES ACCEPTANCE OF THESE VARIANCES

DESIGNED BY:
NORTH VALLEY
FL 32615
VALLEY ENGINEERING, INC.
10001 27TH AVE
SUITE 200
WEST PALM BEACH, FL 33411

PROJECT: HURRICANE CERT
DESCRIPTION:
SALES OFFICE:

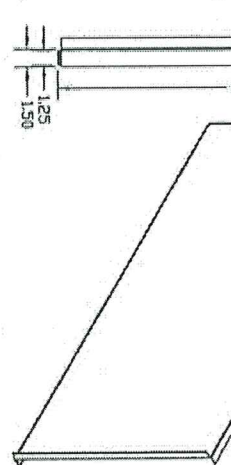
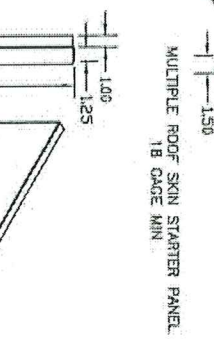
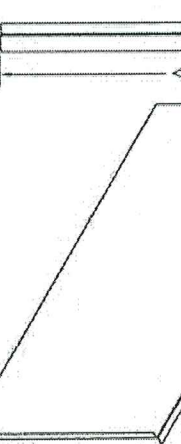
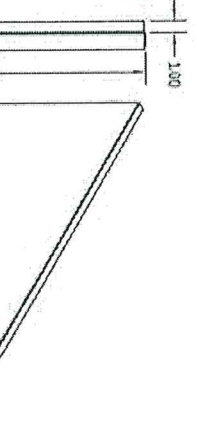
JOB NUMBER:
PROPOSAL #:
DWG #: S6538-0029
UNIT TAG:
SHIP VTI:

SHIP VTI:



TRANE CUSTOM
Climate Changer[®] Air Handler Units

By H. G. A. McMan
Miami Data Product Control



.....

[Signature]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

TRANE CUSTOM
Climate Changer™ Air Handler Units

JOB NUMBER	
PROPOSAL #	
DWG #	65538-0025
UNIT TAG	
UNIT TAG	