



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 Dr.
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 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: Trane Performance Climate Changer Air Handler – Size 3-30 Stacked Unit

APPROVAL DOCUMENT: Drawing No. AIRS0705, titled "Trane Performance Climate Changer Air Handler – Size 3-30 Stacked Unit", sheets 1 through 46 of 46, prepared by Wolters Engineering, Inc., dated September 16, 2013, signed and sealed by Scott Wolters, P.E., on November 25, 2013, 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: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Lexington, KY or Columbia, SC and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA #21-0628.06** 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.**



Helmy A. Makar
12/19/24

NOA No. 24-1002.02
Expiration Date: 01/05/2027
Approval Date: 12/19/2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0926.08

A. DRAWINGS

1. *Drawing No. H254-0603-11, titled "Performance Climate Change Air Handler Unit Size 3-30", sheets 1 through 25 of 25, prepared by Wolters Engineering, last revision #1 dated November 29, 2011, signed and sealed by Scott Wolters, P.E., on December 12, 2011.*

B. TESTS

1. *Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS-202,
2) Large Missile Impact Test per TAS-201,
3) Cyclic Wind Pressure Loading per TAS-203,
along with marked-up drawings and installation diagram of Trane Air Handling, prepared by Hurricane Test Laboratory, LLC, Test Report No. 0254-0506-11, dated 08/24/11, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Calculation of Trane Custom Air Handling Unit-Size 30, sheets 1 through 13 of 13, prepared by Scott Wolters, P.E., dated 09/23/11, signed and sealed by Scott Wolters, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATIONS

1. *Tensile test Report # QCM Job # 11FM-662, prepared by QC Metallurgical, Inc., dated August 22, 2011.*

F. STATEMENTS

1. *Statement letter of conformance with The Florida Building Code 2007 Edition, dated 09/23/11, signed & sealed by Scott Wolters, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #12-0629.01

A. DRAWINGS:

1. *Drawing No. AIRS0705, titled "Trane Performance Climate Changer Air Handler – Size 3-30 Stacked Unit", sheets 1 through 46 of 46, prepared by Wolters Engineering, Inc., dated September 16, 2013, signed and sealed by Scott Wolters, P.E., on 11/25/2013.*

B. TESTS:

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of Trane Performance Climate Changer Air Handler Size 3-30 Stacked Unit, prepared by Hurricane Test Laboratory, Inc., Report No. 0254-0607-11, dated 04/09/2012, signed and sealed by Vinu J. Abraham, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1002.02
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C. CALCULATIONS:

1. *Panel and fasteners analysis prepared by Wolters Engineering, Inc., 14 sheets, dated July 23, 2012, signed and sealed by Scott Wolters, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Tape properties by Butly.*
2. *Rigid Froth-Foam properties.*
3. *Industrial Polyurethane Adhesive/Sealant properties by Sikaflex.*

F. STATEMENTS

1. *FBC, 2010 conformance letter, dated July 23, 2012, signed and sealed by Scott Wolters, P.E.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #14-1120.14

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, 2014 conformance letter, dated February 06, 2015, signed and sealed by Scott Wolters, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #16-1205.02

A. DRAWINGS:

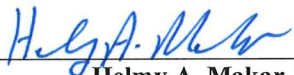
1. *None.*

B. TESTS:

1. *None.*

C. CALCULATIONS:

1. *None.*



Helmy A. Makar, P.E., M.S.
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D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0212.09

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 compliance letter, dated November 17, 2017, signed and sealed by Scott Wolters, P.E.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-0819.10

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 compliance letter, dated November 17, 2017, signed and sealed by Scott Wolters, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1002.02
Expiration Date: 01/05/2027
Approval Date: 12/19/2024

Trane US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-0628.06**
- 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, 2020 compliance letter, dated June 21, 2021, signed and sealed by Scott Wolters, P.E.*
- 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 compliance letter, dated Sept. 23, 2024, signed and sealed by Scott Wolters, P.E., on Sept. 23, 2024.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-1002.02
Expiration Date: 01/05/2027
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GENERAL NOTES, TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 30 STACKED UNIT.

1. THIS PRODUCT, FABRICATED AND ANCHORED AS DETAILED IN THIS DRAWING, IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF IMPACT PROTECTIVE DEVICES. ALLOWABLE UNIT WALL DESIGN PRESSURE IS +/- 75 PSF, AND THE ROOF DESIGN PRESSURE IS +/- 55.25 PSF. THIS PRODUCT APPROVAL IS APPLICABLE TO UNIT SIZES 3 THROUGH 30; THE SIZE 30 IS SHOWN IN THIS APPROVAL.
2. THIS PRODUCT HAS BEEN TESTED TO TAS 201-94, TAS 202-94 STRUCTURAL LOADS, AND TAS 203-94 (REF. TEST REPORT HTL-0254-0506-11), AND MEETS THE HIGH VELOCITY HURRICANE ZONE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2010 EDITION. THIS PRODUCT IS NOT RATED FOR WATER INFILTRATION RESISTANCE AND HAS NOT BEEN TESTED FOR WIND DRIVEN RAIN. THE TESTED PRODUCT REMAINED OPERABLE AFTER IMPACT/CYCLIC TESTS WERE COMPLETED.
3. THIS PRODUCT APPROVAL IS GENERIC IN NATURE AND DOES NOT PROVIDE INFORMATION FOR SPECIFIC PROJECTS WHERE THE CONDITIONS VARY FROM THIS DOCUMENT. THE FLORIDA LICENSED ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT SHALL BE RESPONSIBLE FOR THE DESIGN, SIZING, AND STRUCTURAL ADEQUACY OF THE PRODUCT FRAMEWORK AS WELL AS CURBING AND ATTACHMENT TO THE ROOF, OR AS ACCEPTED BY THE CORRESPONDING BUILDING DEPARTMENTS.
4. THE STRUCTURAL ADEQUACY OF THE ROOF TO SUPPORT THIS EQUIPMENT IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL AND SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENTS. ANCHORAGE SHOWN HEREIN HAS BEEN ANALYZED FOR SLIDING AND OVERTURNING LOADS FOR THE CONFIGURATION INDICATED, AND SMALLER CONFIGURATIONS ASSUMING THE HEIGHT IS NO MORE THAN TWICE THE WIDTH. OTHER CONFIGURATIONS NOT INDICATED HERE SHALL BE ANALYZED BY THE DESIGN PROFESSIONAL OF RECORD TO PREVENT SLIDING AND OVERTURNING OF THE EQUIPMENT, AND SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENTS. SEE PAGE 40.
5. THIS PRODUCT APPROVAL IS FOR THE STRUCTURAL AND IMPACT/CYCLIC PERFORMANCE OF THE AIR HANDLER, INCLUDING OPTIONAL ENERGY WHEEL AND PIPE CABINET, ENCLOSURES. THESE ENCLOSURES INCLUDE THE OPTIONAL EXTERNALLY MOUNTED COMPONENTS AS SHOWN IN THE DRAWINGS, FOR EXAMPLE HOODS ATTACHED TO AIR INTAKES AND EXHAUST OPENINGS, WINDOWS/VIEWPORTS, AND DOORS, AS WELL AS THE STRUCTURAL ELEMENTS / HOUSINGS FOR MINIHELIC GAUGES, JUNCTION BOXES, UV INTENSITY METERS, DISCONNECT SWITCHES, RACEWAYS, AND GFCI INTERFACES. THIS PRODUCT APPROVAL DOES NOT INCLUDE INTERNALLY MOUNTED COMPONENTS OR ANY ELECTRICAL DEVICES OR CIRCUITRY.
6. THE PRODUCT IS CONSTRUCTED IN BUILD GROUPS. BUILD GROUPS MAY BE ASSEMBLED INTO SHIPPING SECTIONS; ASSEMBLY SHALL BE WITH SPLICE PLATES AS SHOWN HEREIN. BUILD GROUPS OR SHIPPING SECTIONS MAY BE FURTHER ASSEMBLED INTO INSTALLED UNIT; ASSEMBLY SHALL BE WITH THREADED ROD BETWEEN LIFTING LUGS AS SHOWN HEREIN. THE UNITS MAY BE STACKED UP TO TWO HIGH AS SHOWN IN THESE DRAWINGS. IF STACKED, THE UPPER AND LOWER LEVELS SHALL BE THE SAME OVERALL WIDTH AND LENGTH, DIFFERING FOOTPRINTS BETWEEN UPPER AND LOWER LEVEL ARE NOT ALLOWED.
7. OPTIONAL ENERGY WHEEL AND PIPE CABINET (PC) SECTIONS MAY BE ADDED INTO THE ASSEMBLY. IF USED, ASSEMBLY WITH OTHER BUILD UNITS OR SHIPPING SECTIONS SHALL BE WITH THREADED ROD BETWEEN LIFTING LUGS AS SHOWN HEREIN.
8. THE 4/3 ALLOWABLE STRESS INCREASE HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM.
9. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE COATED OR OTHERWISE PROTECTED PER FBC TO PREVENT GALVANIC REACTIONS.
10. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ALL FINISHES.
11. ACRONYMS USED IN THIS APPROVAL ARE AS FOLLOWS: EOU IS END OF UNIT, DOAF IS DIRECTION OF AIR FLOW, SS IS SHIPPING SPLIT, PC IS PIPE CABINET AND BG IS BUILD GROUP.
12. ALL UNITS OF MEASURE ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
13. 2" MAX. DIAMETER CIRCULAR HOLES MAY BE FIELD DRILLED THROUGH THE EXTERIOR WALLS FOR INSTALLATION OF CONDUIT OR COMPONENTS. HOLES SHALL BE PROTECTED FROM WIND BY CONNECTED EQUIPMENT OR CONDUIT, BY OTHERS, AND PROPER SEALING TO PREVENT AIR EXCHANGE SHALL BE BY OTHERS. HOLES SHALL BE 3" MAX. FROM ANY PANEL EDGE, SEE DETAIL B, SHEET 17. MAX. 4 FIELD-DRILLED HOLES PER PANEL, 12" ON CENTER MINIMUM.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date 01/05/2022
By *H. A. McIn*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2017
NOA# 18-0670.01
Miami Dade Product Control
By *H. A. McIn*

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002.02
Expiration Date 01/05/2027
By *H. A. McIn*
Miami Dade Product Control

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 01/05/2027
By *H. A. McIn*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 19-1205.07
Expiration Date 01/05/2022
By *H. A. McIn*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 18-0212.09
Expiration Date 01/05/2022
By *H. A. McIn*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 16-1705.02
Expiration Date 01/05/2022
By *H. A. McIn*
Miami Dade Product Control

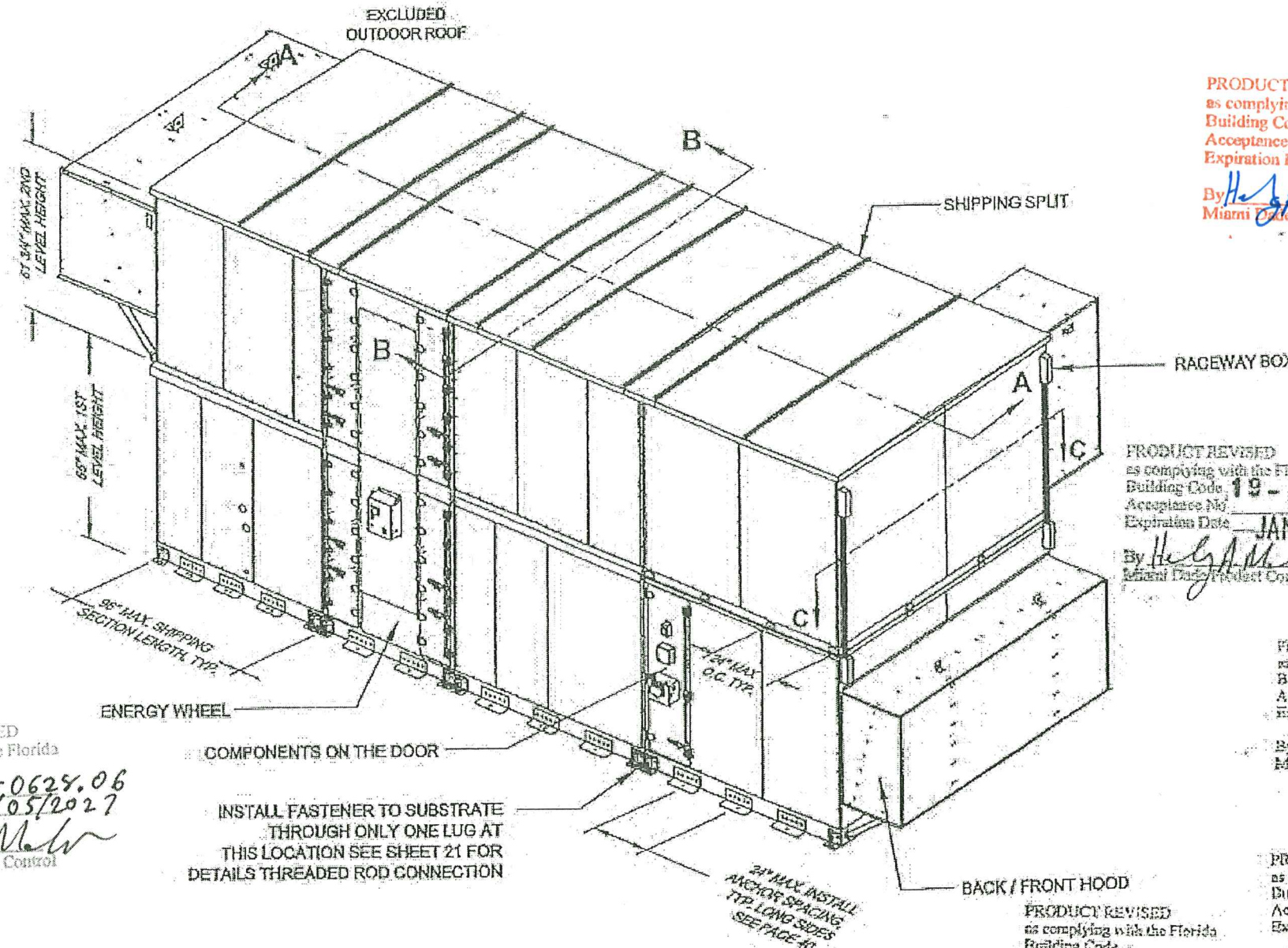
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 18-1120.14
Expiration Date 01/05/2017
By *H. A. McIn*
Miami Dade Product Control

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCGLOSKEY K.YUVARAJA	REV. A
SHEET	1 OF 46	SECTION			MOCK UPS/DWG SHEET REF.	SCALE: NTS	DATE 16-SEP-2013

GENERIC FOAM PANEL CROSS SECTION DETAILS

COMPONENTS	DETAILS ON PAGE
BACK/FRONT HOOD	22-24
ENERGY WHEEL SECTION	30-39
COMPONENTS ON THE DOOR	10
RACEWAY BOX	16-17

CROSS SECTION	REFERENCE PAGE
A-A	6
B-B	5
C-C	7



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **21-0624.06**
Expiration Date **04/05/2027**
By *Hedy A. Mohr*
Miami Data Product Control

INSTALL FASTENER TO SUBSTRATE
THROUGH ONLY ONE LUG AT
THIS LOCATION SEE SHEET 21 FOR
DETAILS THREADED ROD CONNECTION

**THE LIFTING LUG AND ANCHOR SIDE OF THE
UNIT IS REFERED TO AS THE UNIT SIDES.**

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **24-1002.02**
Expiration Date **04/05/2027**
By *Hedy A. Mohr*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **20-0819.10**
Expiration Date **JAN 05 2022**
By *Hedy A. Mohr*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **19-1205.07**
Expiration Date **JAN 05 2022**
By *Hedy A. Mohr*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **11-1205.02**
Expiration Date **01/05/2022**
By *Hedy A. Mohr*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **14-1120.14**
Expiration Date **01/05/2017**
By *Hedy A. Mohr*
Miami Data Product Control

Approved as complying with the
Florida Building Code
Date **12/11/2013**
NOA# **12-0629.01**
Miami Data Product Control
By *Hedy A. Mohr*

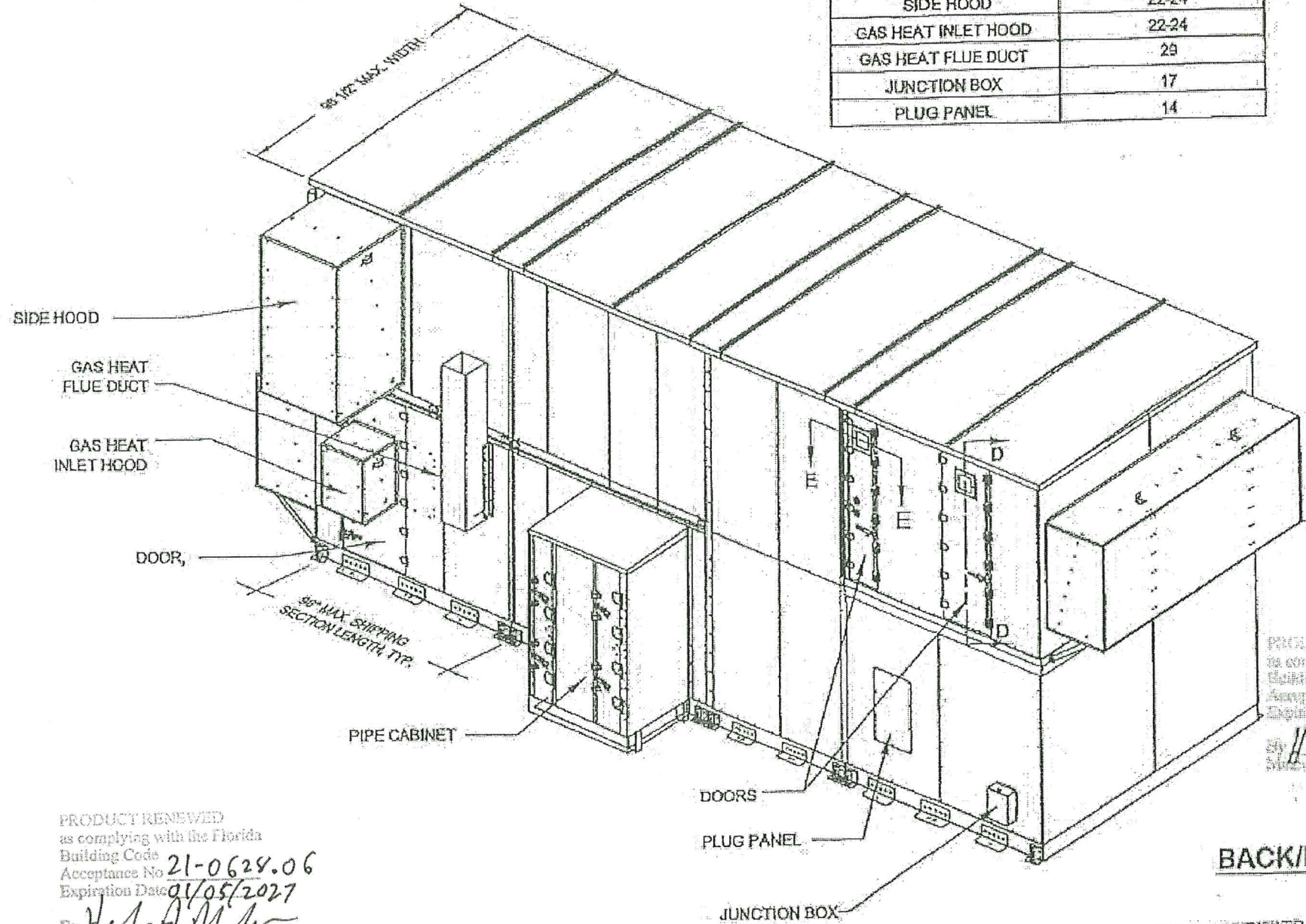
Scott Wolters
SCOTT WOLTERS
FL PE# 62954
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING # AIRS0705	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY —	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET 2 OF 46	SECTION	MOCKUP/DWG SHEET REF. —	SCALE NTS	DATE 16-SEP-2013
TRANE US Inc.				

GENERIC FOAM PANEL CROSS SECTION DETAILS

COMPONENTS	DETAILS ON PAGE
PIPE CABINET	25-28
SIDE HOOD	22-24
GAS HEAT INLET HOOD	22-24
GAS HEAT FLUE DUCT	29
JUNCTION BOX	17
PLUG PANEL	14

CROSS SECTION	REFERENCE PAGE
D-D	8
E-E	8



PRODUCT REVISED
as complying with the Florida
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Acceptance No. 24-1002.02
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By Hedy A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 19-1205.07
Acceptance No. JAN-05-2022
Expiration Date JAN-05-2022
By Hedy A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 20-0819.10
Acceptance No. JAN-05-2022
Expiration Date JAN-05-2022
By Hedy A. Miller
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 12-0629.01
Miami Dade Product Control
By Hedy A. Miller

PRODUCT RENEWED
as complying with the Florida
Building Code 21-0629.06
Acceptance No. 01/05/2027
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By Hedy A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 18-0212.09
Acceptance No. 01/05/2022
Expiration Date 01/05/2022
By Hedy A. Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
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Acceptance No. 01/05/2022
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By Hedy A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 14-1120.16
Acceptance No. 01/05/2017
Expiration Date 01/05/2017
By Hedy A. Miller
Miami Dade Product Control

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COAH 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 3, 2013

NOTE:
1. THE LIFTING LUGS ARE ATTACHED TO THE SIDES OF THE UNIT.

BACK/FRONT VIEW

DRAWING # AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		REV. HISTORY		BY: S.MCGLOSKEY K.YUVARAJA		REV. A	
SHEET 3 OF 46		SECTION		TRANE US Inc.		SCALE NTS		DATE 16-SEP-2013	

BILL OF MATERIALS					
1	10-16 x .75" SELF-DRILLING SCREW	GRADE 5 STEEL	59	WASHER .563" ID x 1.375" OD	GALV. STEEL
2	.125" THICK x 2" WIDE TAPE	BUTYL	60	SCREW 1/2"-13 x 1.2 HEX CAP HEAD	GALV. STEEL
3	.188 (.05" COMPRESSED) x .625" GASKET	PVC/NBR	61	LIFTING LUG (1ST LEVEL)	GALV. STEEL
4	10-16 x 1.75" SELF-DRILLING SCREW	GRADE 5 STEEL	62	0.06" THICK LUG GASKET	PVC/NBR
5	DECORATIVE COVER	GALV. STEEL	63	BASE RAIL SPLICE PLATE	GALV. STEEL
6			64	0.06" THICK PLATE GASKET	PVC/NBR
7	.120" THICK x 1" WIDE TAPE	BUTYL	65	BOLT 5/16"-18 x 6" HEX MACHINE	GALV. STEEL
8	.375" THICK x .750" WIDE GASKET	PORON	66	WASHER .375" ID x .875 OD	GALV. STEEL
9	HAT CHANNEL	GALV. STEEL	67	NUT 5/16"-18 HEX FLANGE (HW)	GALV. STEEL
10	DOOR HINGE	GALV. STEEL	68	LIFTING LUG (2ND LEVEL)	GALV. STEEL
11	DOOR CAM BRACKET	GALV. STEEL	69	ROOF KEEL	POLYMER
12	STRIKER PLATE	GALV. STEEL	70	STRUCT. ADHESIVE SIKAFLEX 3131S	GALV. STEEL
13	.06" THICK x .5" WIDE TAPE	BUTYL	71	ROOF BACKING PLATE	GALV. STEEL
14	WINDOW 3/16" PLEXIGLASS 8 3/4" x 8 3/4"	PLEXIGLASS	72	.188 (.05" COMPRESSED) x 1.25" GASKET	PVC/NBR
15	WINDOW FRAME	GALV. STEEL	73	DOOR FOOTER	GALV. STEEL
16	STRUCT. ADHESIVE SIKAFLEX 552	POLYMER	74	SUPPORT MULLION ASSEMBLY	GALV. STEEL
17	1/4"-14 x 3/4" SELF-DRILLING SCREW	GRADE 5 STEEL	75	BASE SUPPORT CHANNEL / PC BASE L ANGLE	GALV. STEEL
18	UV DISCONNECT SWITCH	VARIES	76	DRIP LIP	GALV. STEEL
19	INTENSITY MEASUREMENT METER	VARIES	77	PC SHIPPING BRACKET	GRADE 5 STEEL
20	GFCI JUNCTION BOX	GALV. STEEL	78	3/8"-16 x 1 1/4" HEX CAP SCREW	GRADE 5 STEEL
21	CONDUIT 1" RUNNING THREAD	GALV. STEEL	79	3/8"-16 HEX NUT	GALV. STEEL
22	1" CONDUIT NUT	GALV. STEEL	80	PC BASE RAIL	GALV. STEEL
23	1" CONDUIT BUSHING	GALV. STEEL	81	CHAIN GUIDE	GALV. STEEL
24	CONDUIT 1/2" RUNNING THREAD	GALV. STEEL	82	3/8"-16 x 3" BOLT	GRADE 5 STEEL
25	1/2" CONDUIT NUT	GALV. STEEL	83	.03" THICK x 2" WIDE ALUMINUM CLAD TAPE	VARIES
26	1/2" CONDUIT BUSHING	GALV. STEEL	84	UNIT WELD BRACKET	GALV. STEEL
27	MINIHELIC GAUGE	VARIES	85	INTERNAL WALL SPLICE PLATE	GALV. STEEL
28	4-40 x 1 1/4" PHILLIPS PAN HEAD SCREW	GRADE 5 STEEL	86	PC ROOF ANGLE	GALV. STEEL
29	ELBOW	GALV. STEEL	87	EXTERNAL WALL SPLICE PLATE	GALV. STEEL
30	.06" THICK x 0.38" WIDE TAPE	BUTYL	88	1/2"-13 x 1.2" HEX CAP BOLT	GRADE 5
31	FOAM RETAINER	GALV. STEEL	89	Z-BRACKET	GALV. STEEL
32	GANGED DOOR HANDLE ASSEMBLY	GALV. STEEL	90	CROSS BEAM	GALV. STEEL
33	DOOR VIEWER	VARIES	91	SHIPPING SPLIT SUPPORT ANGLE PTA	GALV. STEEL
34			92	SHIPPING SPLIT VERTICAL CHANNEL	GALV. STEEL
35	PADLOCK BRACKET	GALV. STEEL	93	SLIP FIT CHANNEL	GALV. STEEL
36	1/4-20 x 1/4" SET SCREW	GRADE 5 STEEL	94	VERTICAL CHANNEL	GALV. STEEL
37	10-16 x 1/2" SELF-DRILLING SCREW	GRADE 5 STEEL	95	TRANSITION HAT CHANNEL	GALV. STEEL
38	.5" x 2.5" x 2.5" SPECIALTY GASKET	PVC/NBR	96	TOP L ANGLE / SEPTUM L ANGLE	GALV. STEEL
39	5/16"-18 x 7/8" SHEET METAL SCREW	GRADE 5 STEEL	97	VERTICAL CHANNEL BRACKET	GALV. STEEL
40	SECOND LEVEL BASE RAIL	GALV. STEEL	98	.38" THICK x .35" WIDE ROLL	BUTYL
41	STACKED UNIT BRACKET	GALV. STEEL	99	SEAM CAP	GALV. STEEL
42	1" (.25" COMP.) x 4" STACKED UNIT GASKET	PVC/NBR	100	.38" THICK x 2" WIDE ROLL	BUTYL
43	STACKED UNIT SKIRT	GALV. STEEL	101	SEAM CAP	GALV. STEEL
44	FIRST LEVEL BASE RAIL	GALV. STEEL	102	ROOF STRIP	GALV. STEEL
45			103	OVERHANG	GALV. STEEL
46	FOAM COVER	GALV. STEEL	104	A-FRAME HORIZONTAL	GALV. STEEL
47	FOAM COVER CORNER	GALV. STEEL	105	A-FRAME VERTICAL	GALV. STEEL
48	MULLION	GALV. STEEL	106	HOOD LIFTING LUG ANGLE	GALV. STEEL
49	JUNCTION BOX	GALV. STEEL	107	HOOD LIFTING LUG HAT	GALV. STEEL
50	SEALANT, SIKAFLEX 221 CAULK	POLYMER	108	HOOD SUPPORT	GALV. STEEL
51	RACEWAY BOX	GALV. STEEL	109	HOOD BRACKET	GALV. STEEL
52	DISCONNECT SWITCH ASSEMBLY	VARIES	110	HOOD L ANGLE	GALV. STEEL
53	DISCONNECT SWITCH BLOCKOFF	GALV. STEEL	111	HOOD SUPPORT TOP CHANNEL	GALV. STEEL
54	.0325" THICK x 1.88" x 15.88" GASKET	POLYOLEFIN	112	HOOD BACKING PLATE	GALV. STEEL
55	.0325" THICK x 3" x 17" GASKET	POLYOLEFIN	113	WALL ANCHOR	GALV. STEEL
56	DISCONNECT HANDLE KIT	VARIES	114	DOUBLE SIDED TAPE 1/16 (COMPR.) x 3/4 x 216	PVC/NBR
57	THREADED ROD 1/2"-13 x 10.5"	GALV. STEEL	115	PC ROOF KEEL	ALUMINUM 6063-T6
58	NUT 1/2"-13 HEX MACHINE	GALV. STEEL	116	KEEPER/DOOR CAM	ZAMAK#3
			117	DOOR CAM BRACKET	STEEL 0.060
			118	CROSS BEAM BRACKET	GALV. STEEL
			119	EOU WALL SUPPORT CHANNEL	GALV. STEEL
			120	FLUE DUCT L ANGLE	GALV. STEEL
			121	SHIP SPLIT SPLICE PLATE	GALV. STEEL
			122	ROOF BACKING PLATE	GALV. STEEL
			123	NEW DOOR HEADER - NEW STYLE	GALV. STEEL
			124	FLAT BACKING PLATE	GALV. STEEL
			125	BOTTOM SMALL ANGLE	GALV. STEEL
			126	BOTTOM CAP	STAINLESS STEEL
			127	FLUE DUCT	STAINLESS STEEL
			128		
			129		
			130	0.125 x 5/16" RIVETS	STAINLESS STEEL
			131	CASSETTE TRACK VERTICAL	STAINLESS STEEL
			132	BOLT 1/2-13 x 1 1/4 CARRIAGE	GALV. STEEL
			133	DOOR HEADER - OLDER STYLE	GALV. STEEL
			134	CORNER SEAM CAP	GALV. STEEL
			135	UV VIEW PORT	GALV. STEEL
			136	DOAF ROOF SUPPORT CHANNEL	GALV. STEEL
			137	HAT CHANNEL BRACKET	GALV. STEEL
			138	COLUMN SPACER	GALV. STEEL
			139	TRACK SUPPORT DOAF	GALV. STEEL
			140	HORIZONTAL SUPPORT CHANNEL	GALV. STEEL
			141	CASSETTE TRACK	GALV. STEEL
			142	TOP CASSETTE TRACK	GALV. STEEL
			143	CASSETTE/SEPTUM L ANGLE	GALV. STEEL
			144	PC LIFTING LUG	GALV. STEEL
			145	DOAF BASE SUPPORT CHANNEL	GALV. STEEL
			146		
			147	CORNER BLOCK SECOND LEVEL	GALV. STEEL
			148	CORNER BLOCK FIRST LEVEL	GALV. STEEL
			149	DOOR TUBE	STEEL

NOTE: PVC/NBR IN BOM TO THE LEFT INDICATES POLYVINYL CHLORIDE / ACRYLONITRILE BUTADIENE RUBBER, SINGLE-SIDED EXCEPT ITEM 114.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205-07
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628-06
Expiration Date 04/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-1205-02
Expiration Date 21/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212-09
Expiration Date 01/05/2022
By *Heidi A. Miller*
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PRODUCT REVISED
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Building Code
Acceptance No. 14-1120-10
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002-02
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819-10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

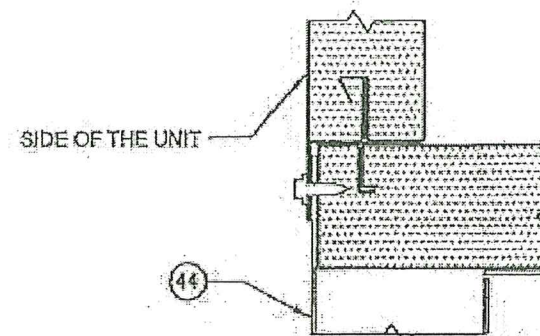
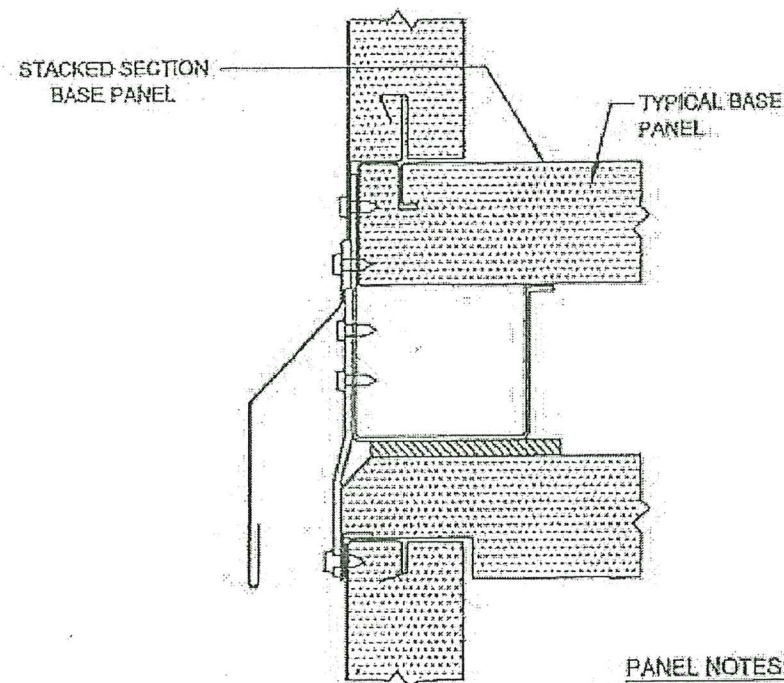
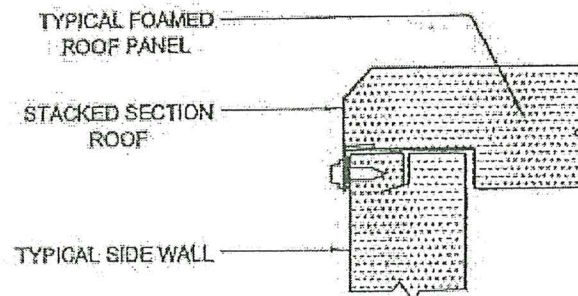
Approved as complying with the
Florida Building Code
Date 12/12/2013
MDA#13-0629-01
Miami Dade Product Control
By *Heidi A. Miller*

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
(954) 251-7001

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV.	A
SHEET	4 OF 46	SECTION		MOCK UPS/DWG SHEET REF:	SCALE	DATE	16-SEP-2013
					NTS		

TRANE
US Inc.

TYPICAL STACKED UNIT FOAMED PANEL JOINTS AND CROSS SECTIONS
(SUPPORT STRUCTURE IS NOT SHOWN FOR CLARITY.)
 (REFER TO PAGES 11-20 FOR SUPPORT DETAILS)



STACKED SECTION

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 19-1205.07
 Expiration Date JAN 05 2022
 By *Healy A. Miller*
 Miami Dade Product Control

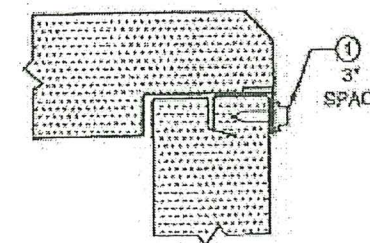
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 24-1002.02
 Expiration Date 01/05/2027
 By *Healy A. Miller*
 Miami Dade Product Control

- PANEL NOTES:**
1. OVERALL PANEL THICKNESS IS 2".
 2. CORE MATERIAL IS RIGID FROTH-FOAM INSULATION.
 3. INNER AND OUTER CASING PANEL SKINS ARE 0.028" GALVANIZED STEEL.
 4. GASKET ITEM 3 IS PLACED AS A THERMAL BREAK BETWEEN ALL INNER AND OUTER CASING PANELS.

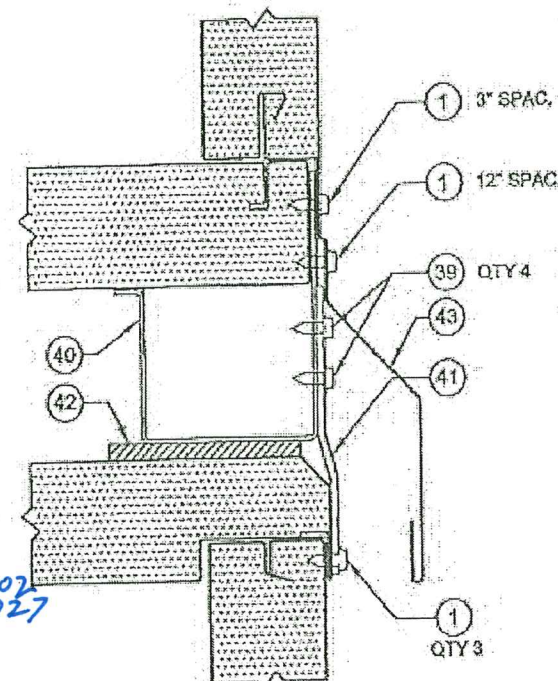
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 as complying with the Florida
 Building Code
 Acceptance No 21-0624.06
 Expiration Date 01/05/2027
 By *Healy A. Miller*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 18-0212.09
 Expiration Date 01/05/2022
 By *Healy A. Miller*
 Miami Dade Product Control

CROSS SECTION B-B



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 20-0819.10
 Expiration Date JAN 05 2022
 By *Healy A. Miller*
 Miami Dade Product Control



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 as complying with the Florida
 Building Code
 Acceptance No 19-1205.02
 Expiration Date 01/05/2022
 By *Healy A. Miller*
 Miami Dade Product Control

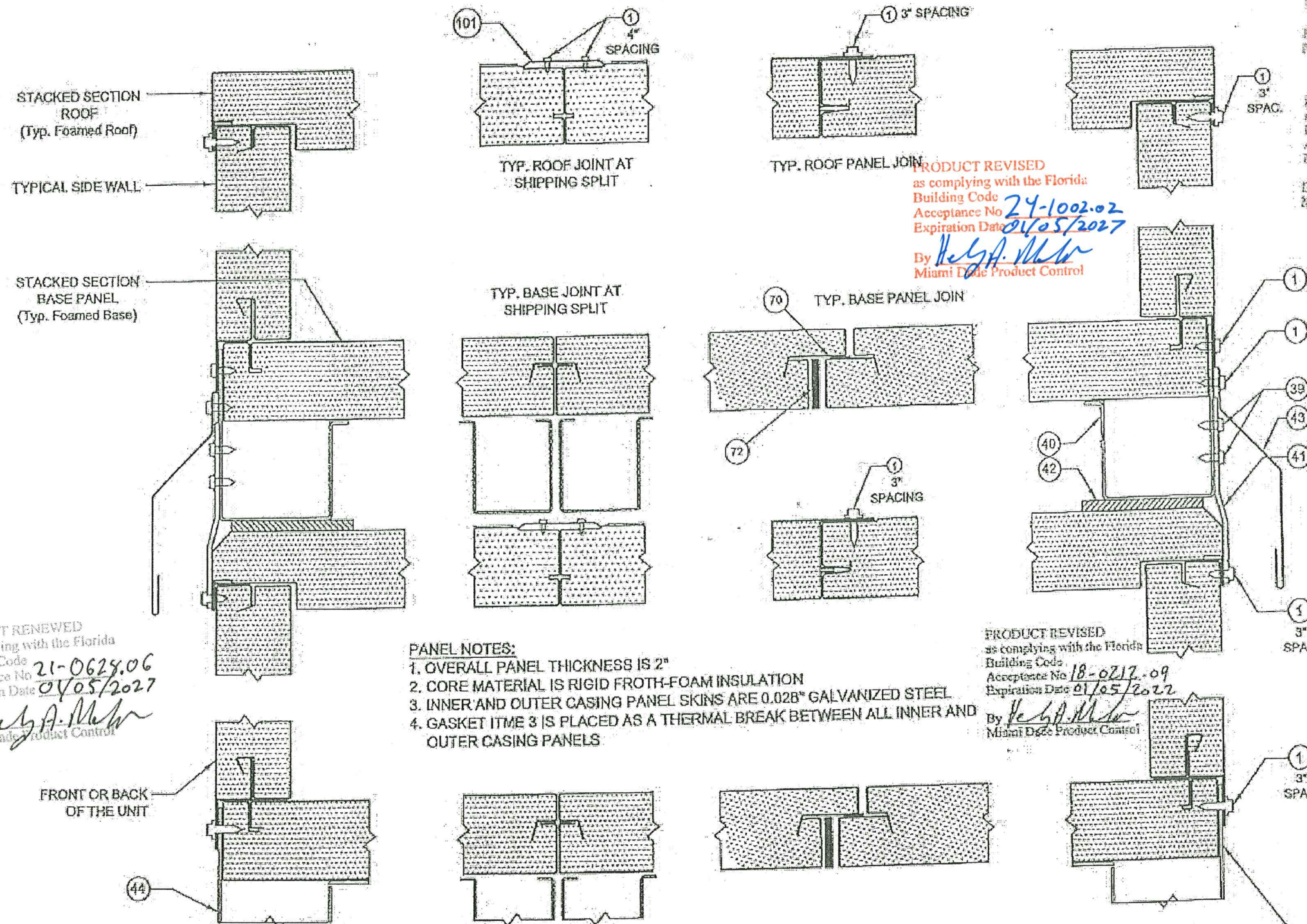
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 14-1120.14
 Expiration Date 01/05/2017
 By *Healy A. Miller*
 Miami Dade Product Control

Approved as complying with the
 Florida Building Code
 Date 12/12/2013
 NOA# 12-0629.01
 Miami Dade Product Control
 By *Healy A. Miller*

Scott Wolters
 SCOTT WOLTERS
 FL PE# 82354
 WOLTERS ENGINEERING, INC.
 (COA# 27194)
 5358 SW 32ND TERRACE
 FT. LAUDERDALE, FL 33312
 NOV 27 2013

DRAWING # AIRS0705 SHEET 5 OF 46	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY NO. UPD'G SHEET REF: 25, 26, 29, 35, 36 OF 63	BY: S.MCCLOSKEY KYUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
--	---	-------------------------	--	--	----------------------------

TYPICAL STACKED UNIT FOAMED PANEL JOINTS AND CROSS SECTIONS
(SUPPORT STRUCTURE IS NOT SHOWN FOR CLARITY)
 (REFER TO PAGES 11-20 FOR SUPPORT DETAILS)



- PANEL NOTES:**
1. OVERALL PANEL THICKNESS IS 2"
 2. CORE MATERIAL IS RIGID FROTH-FOAM INSULATION
 3. INNER AND OUTER CASING PANEL SKINS ARE 0.028" GALVANIZED STEEL
 4. GASKET ITME 3 IS PLACED AS A THERMAL BREAK BETWEEN ALL INNER AND OUTER CASING PANELS

CROSS SECTION A-A

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 20-0819.10
 Expiration Date JAN 05 2022
 By *H. A. M. M.*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 19-1205.07
 Expiration Date JAN 05 2022
 By *H. A. M. M.*
 Miami Dade Product Control

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 16-1205.02
 Expiration Date 01/05/2022
 By *H. A. M. M.*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1170.14
 Expiration Date 01/05/2017
 By *H. A. M. M.*
 Miami Dade Product Control

Approved as complying with the
 Florida Building Code
 Date 12/12/2013
 NOA# 12-0629.01
 Miami Dade Product Control
 By *H. A. M. M.*

Scott Wolters
 SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING, INC.
 (COA# 27194)
 5358 SW 32ND TERRACE
 FT. LAUDERDALE, FL 33312
 NOV 27 2013

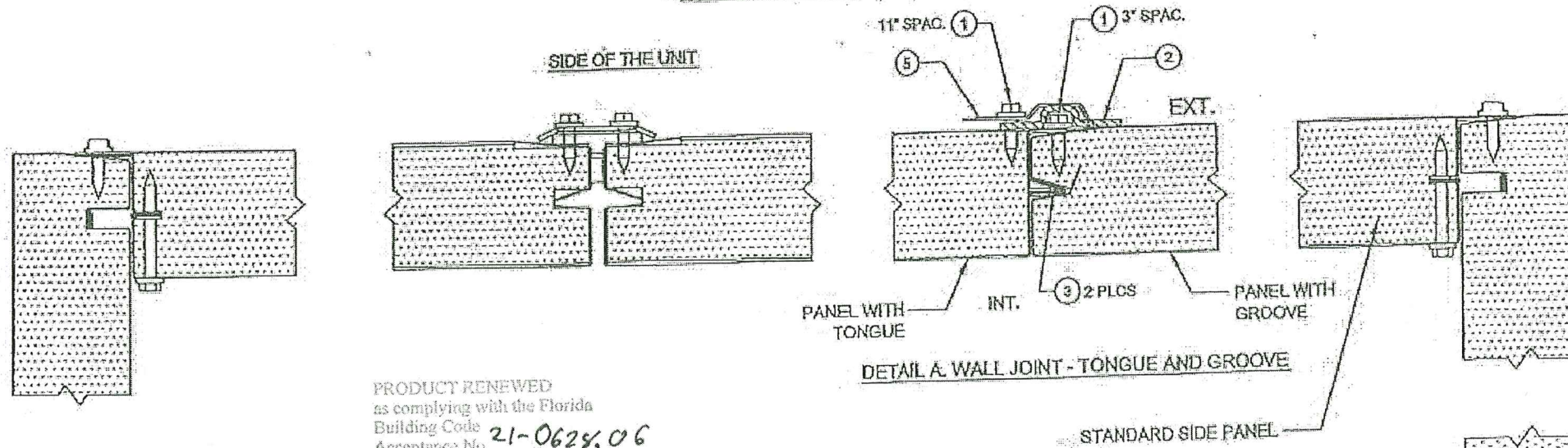
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 21-0628.06
 Expiration Date 01/05/2027
 By *H. A. M. M.*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0217.09
 Expiration Date 01/05/2022
 By *H. A. M. M.*
 Miami Dade Product Control

DRAWING #	AIRS0705	DESIGN	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S. MCCLOSKEY K. YUVARAJA	REV. A
SHEET	6 OF 46	SECTION			MOCK UP/DWG SHEET REF: 25, 26, 29, 35, 36 OF 63	SCALE: NTS	DATE 16-SEP-2013

TYPICAL UNIT CROSS SECTIONS OF FOAMED PANEL AND UNIT SPLIT JOINTS
(NOTE: JOINT IS NOT SHOWN FOR CLARITY)

(REFER TO PAGES 11-20 FOR SUPPORT DETAILS)



PRODUCT RENEWED
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Building Code 21-0628.06
Acceptance No
Expiration Date 01/05/2027
By *H. A. McW*
Miami-Dade Product Control

PRODUCT REQUIRED
 as complying with the Florida
 Building Code
 Approved No. 20-0819
 Expiration Date JAN 05 2022
 By: H. G. A. M. B.
 Building Department Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 114-206-02
Expiration Date 01/05/2022
By [Signature]
Miami-Dade Project Control

PRODUCT REVISED
 is complying with the Florida
 Building Code
 Acceptance No. 14-1120-14
 Expiration Date 01/05/2017
 By *[Signature]*
 Middle District Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By Heidi A. Miller
Miami-Dade Product Control

PRODUCT REVISED
not complying with the Florida
Building Code
Acceptance No 18-0212-09
Expiration Date 01/05/2022
By H. G. A. M. S.
Miami Dade Product Control

FRONT OR BACK
OF THE UNIT

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 12-0629-01
Miami Dade Product Control
By [Signature]

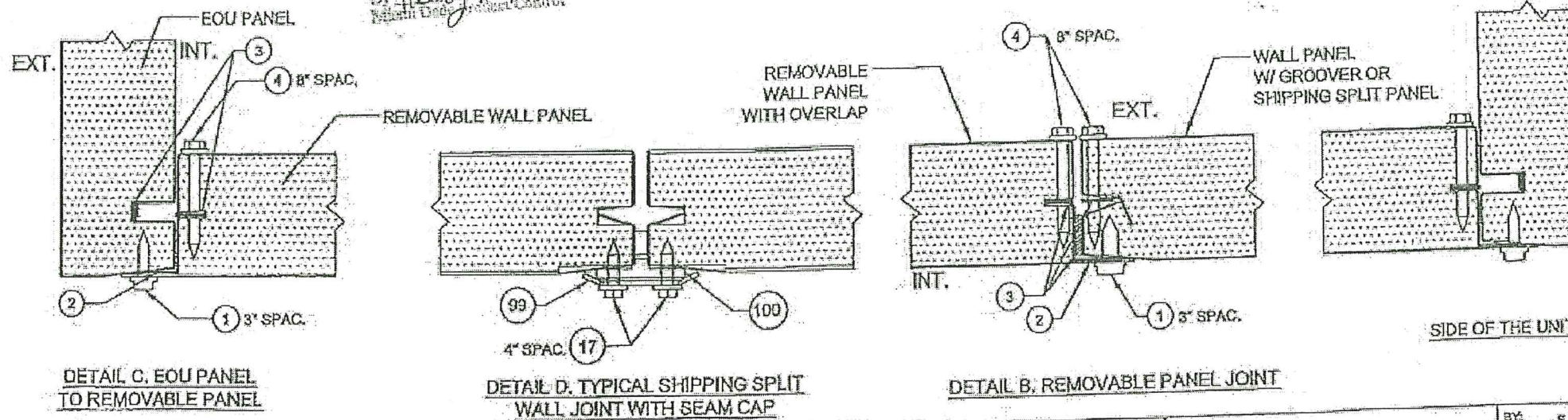
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5355 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

NOTES:
1. DOOR CROSS SECTION SHOWN ON PAGE 8.
2. PLUG PANEL CROSS SECTION SHOWN ON PAGE 14.

TYPICAL WALL JOINT
TONGUE AND GROOVE
SEE DETAIL A

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Hedy A. M...*
Nelson Underwood Control

CROSS SECTION C-C



DRAWING #		AIRS0705	
SHEET		SECTION	
7 OF 48			

DESC. TRANE PERFORMANCE CLIMATE CHANGER
AIR HANDLER - SIZE 3-30 STACKED UNIT

TRANE
US Inc.

REV. HISTORY

MOCK UPGRADE
SHEET REF: 7, 13, 20, 34 OF 63

BY:	S.MCCLOSKEY KYUVARAJA
SCALE:	NTS

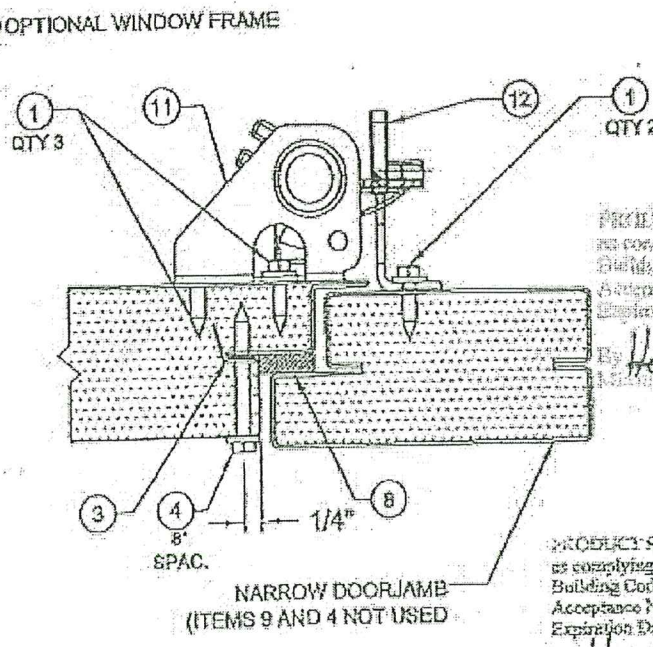
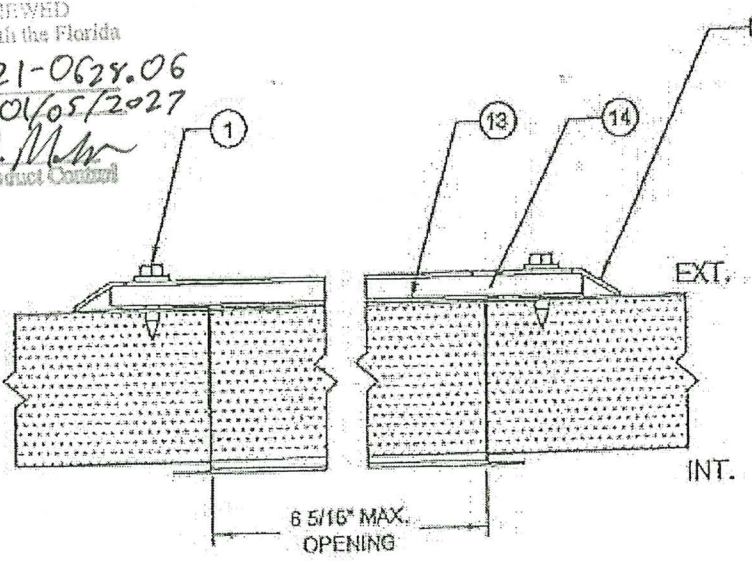
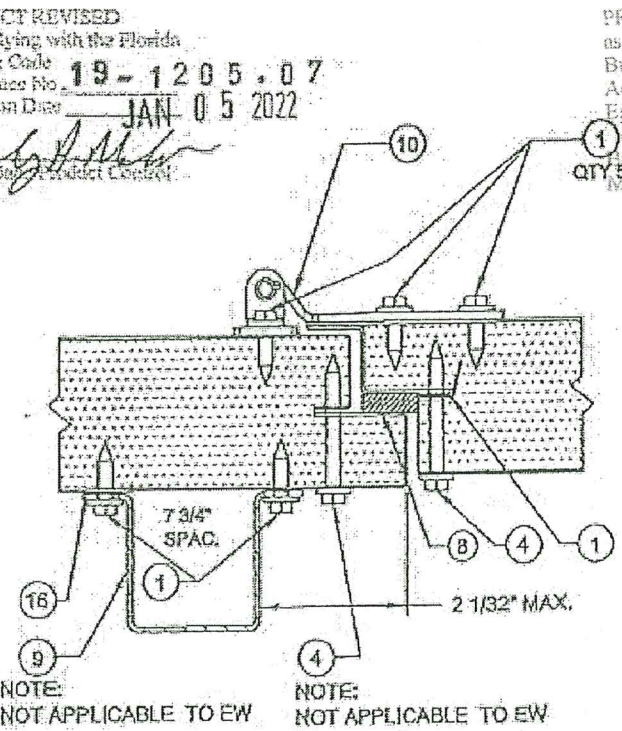
REV,	A
DATE	16-SEP-2013

DOOR CROSS SECTION E-E

SEE PANEL NOTES SHEET 5

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Miami Dade Product Control

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Acceptance No. 21-0624.06
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control



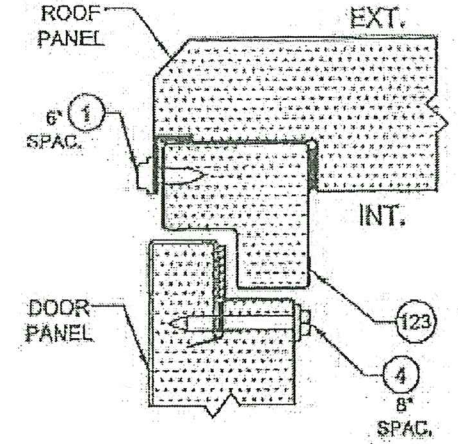
PRODUCT REVISED
as complying with the Florida
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Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
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Building Code
Acceptance No. 19-1205.02
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

DETAIL A. DOOR HORIZONTAL CROSS-SECTION

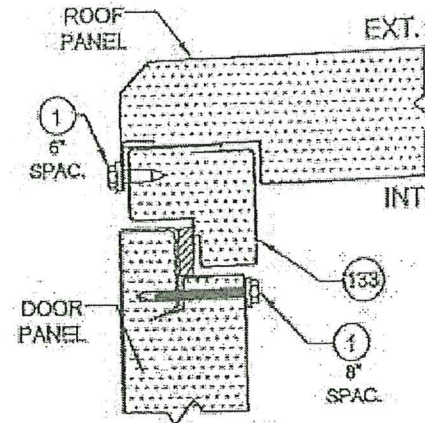
NOTE:
1. THIS DETAILS SHALL BE APPLICABLE TO ALL DOORS IN UNIT, PIPE CABINET, AND ENERGY WHEEL SECTION (2 LEVEL SECTION).

DOOR CROSS SECTION D-D



DETAIL B1. DOOR TO ROOF (TOP)
NEW-STYLE HEADER
(TESTED WITH SIZE 50)

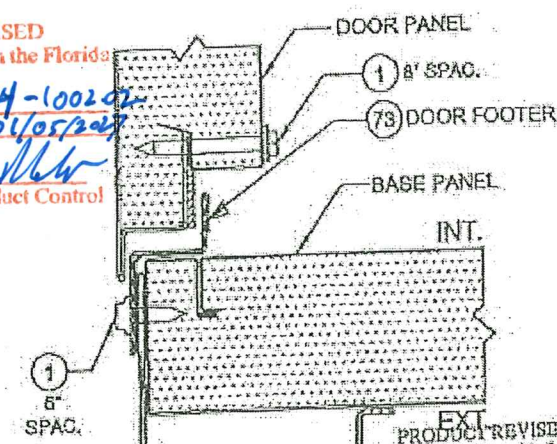
NOTE:
1. ONLY SHOWING TOP AND BOTTOM OF THE CROSS SECTION.



DETAIL B2. DOOR TO ROOF (TOP)
OLD-STYLE HEADER

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DETAIL C. DOOR TO BASE (BOTTOM)

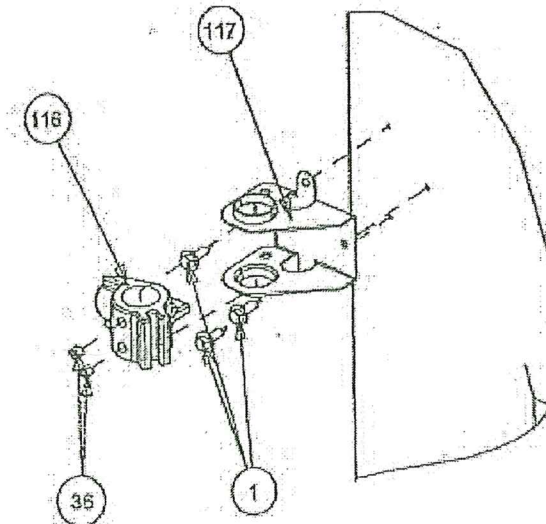
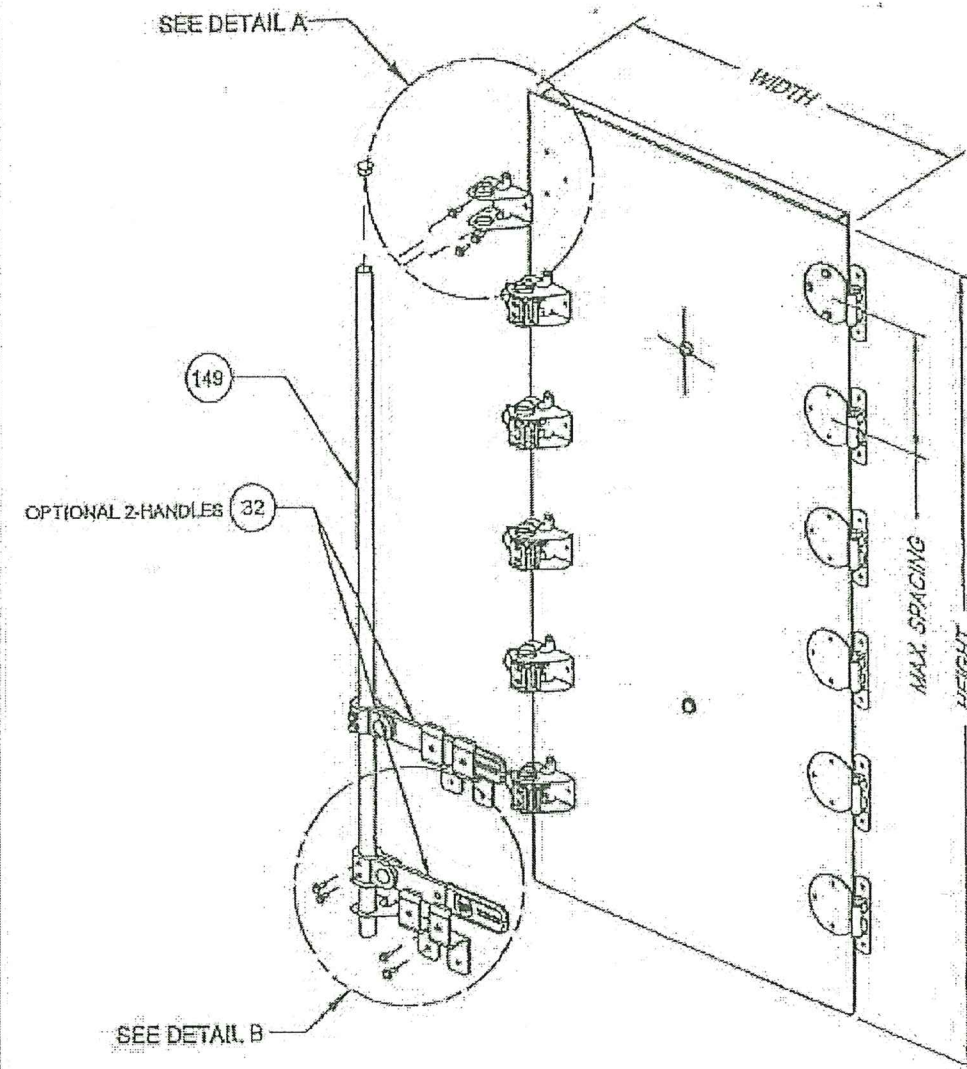
PRODUCT REVISED
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Acceptance No. 18-1120.14
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

Approved as complying with the
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Date 12/12/2013
NOA# 12-0624.01
Miami Dade Product Control
By *Heidi A. Miller*

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27184)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
QTY 2 5 2013

DRAWING#	AIRES0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET	B OF 46	SECTION			MOCK UP/OWG SHEET REF: 7, 14, 15, 39 OF 63 AND 20 OF 35	SCALE: NTS	DATE 16-SEP-2013

DOOR HARDWARE LAYOUT



DETAIL A

PRODUCT REVISOR
as complying with the Florida
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Acceptance No.
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Date Product Control

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as complying with the Florida
Building Code 19-1205.07
Acceptance No.
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Date Product Control

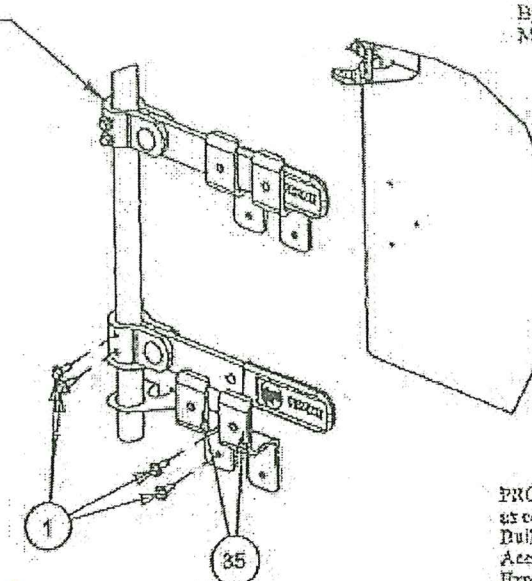
PRODUCT REVISOR
as complying with the Florida
Building Code 18-0212.09
Acceptance No.
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Date Product Control

PRODUCT REVISOR
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Building Code 16-1205.02
Acceptance No.
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Date Product Control

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Florida Building Code
Date 12/12/2013
NOAH 17-0622.01
Miami Date Product Control
By *Heidi A. Miller*

PRODUCT RENEWED
as complying with the Florida
Building Code 21-0628.06
Acceptance No.
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Date Product Control

PRODUCT REVISOR
as complying with the Florida
Building Code 24-1002.02
Acceptance No.
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Date Product Control



DETAIL B

PRODUCT REVISOR
as complying with the Florida
Building Code 14-1120.18
Acceptance No.
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Date Product Control

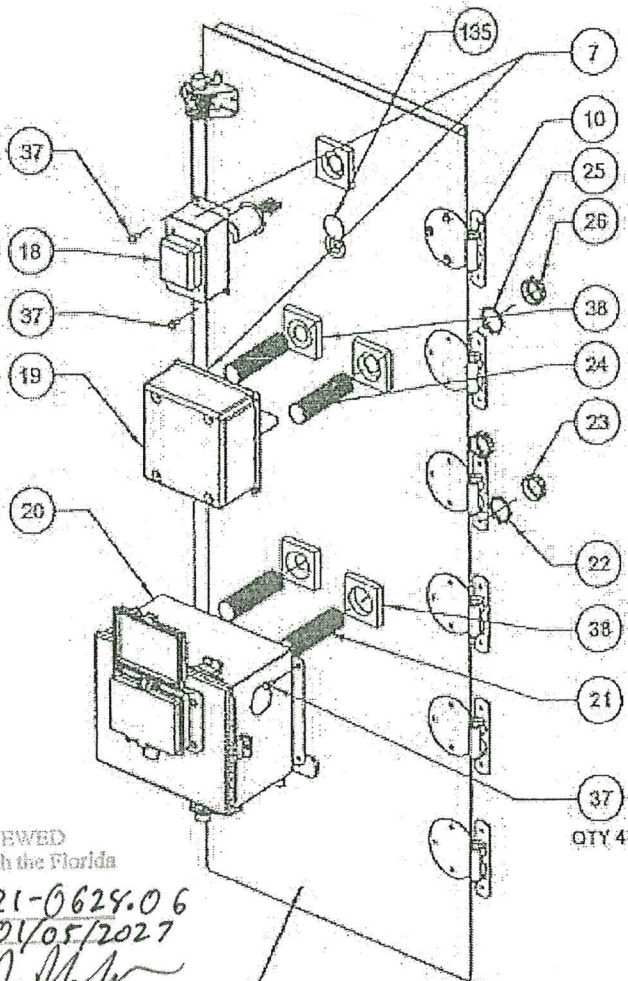
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

MAXIMUM DOOR SIZE WIDTH x HEIGHT	HINGE MAX. SPACING	PADLOCK BRACKETS PER HANDLE	HANDLE QTY	WINDOW FRAME
AHU 30 27/32" x 54 11/16"	22 17/32"	2	1	Y
AHU 20 11/32" x 54 11/16"	22 17/32"	1	1	N
PC 30 7/8" x 68 15/16"	11 19/32"	2	2	N
2L 14 7/8" x 98 15/16"	17 27/32"	2	1	N

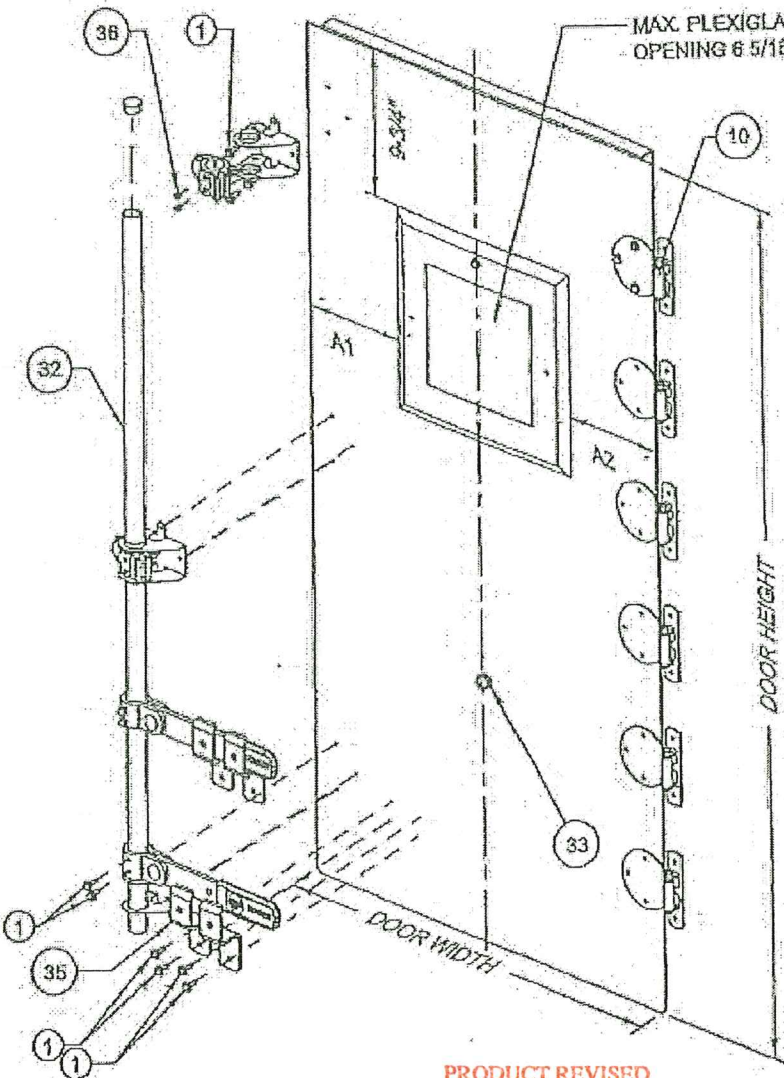
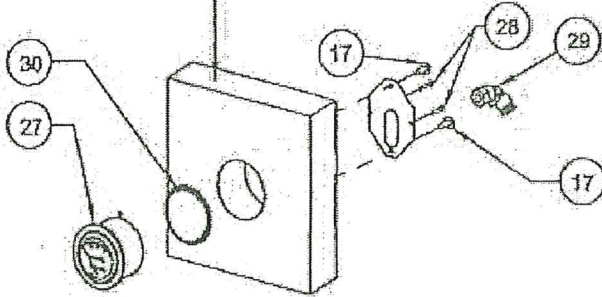
DRAWING # AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUWARAJA	REV. A
SHEET 9 OF 46	SECTION	MOCK UP/DWG SHEET REF: 9 OF 19, 16 OF 63, 19 OF 35		SCALE NTS	DATE 16-SEP-2013	

COMPONENTS ON DOOR
(TESTED WITH SIZE 50)

- NOTES:
1. THIS PAGE IS SHOWING ALL THE COMPENTS ATTACHED AND TESTED WITH DOORS.
2. THESE COMPONENTS APPLICABLE TO ALL DOORS.

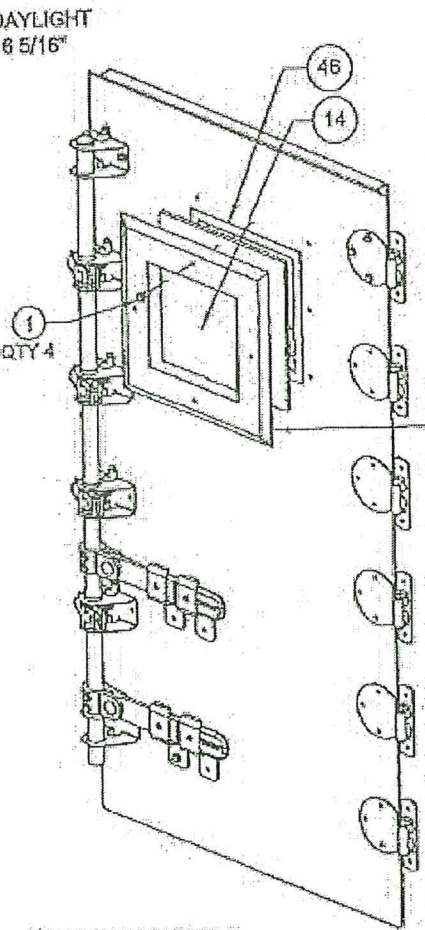


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0624.06
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Data Product Control



DOOR HARDWARE AND
OPTIONAL COMPONENTS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Data Product Control



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Data Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-1205.02
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Data Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629.01
Miami Data Product Control
By *Heidi A. Miller*

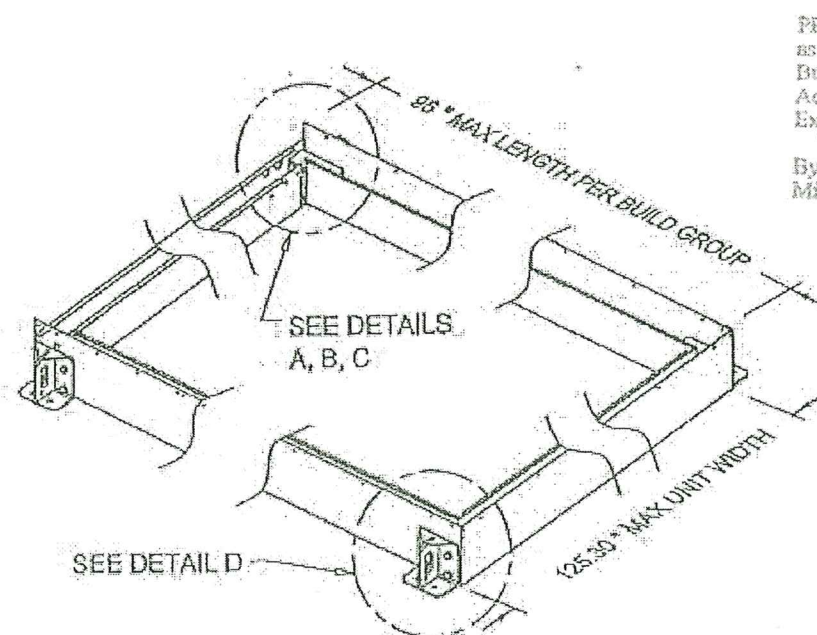
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Data Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Data Product Control

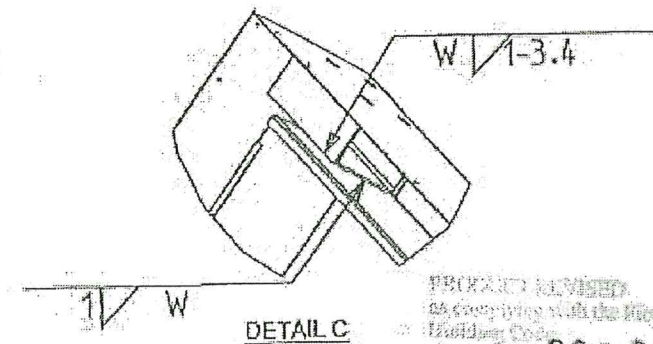
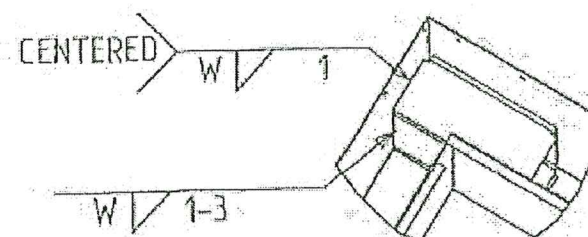
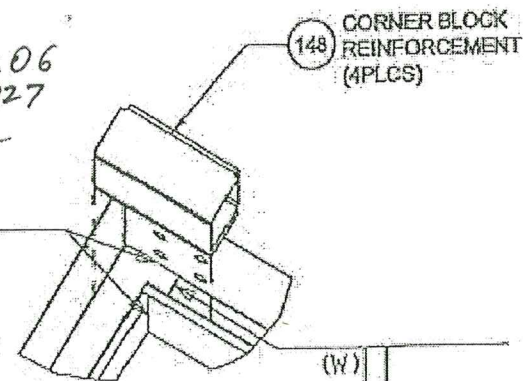
DOOR WIDTH	A1	A2
14.853	3	3
23.353	7.5	7

1ST LEVEL BASE RAIL DETAILS

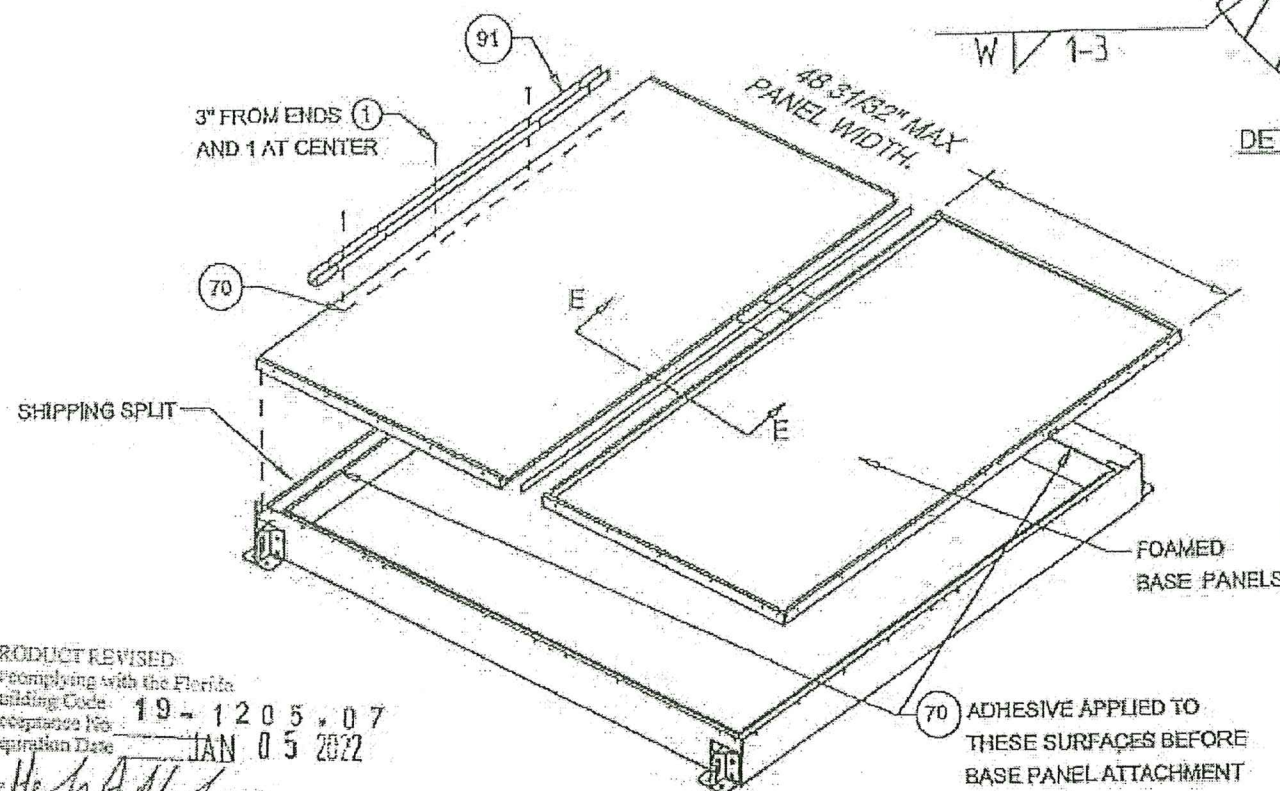
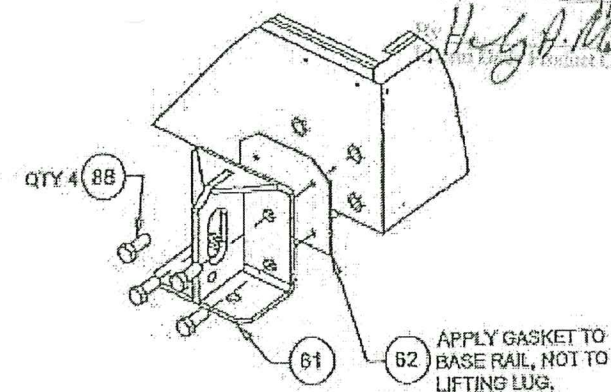


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 01/05/2027
By Healy A. Miller
Miami Dade Product Control

NOTE:
W = 0.188"
FILLET SIZE



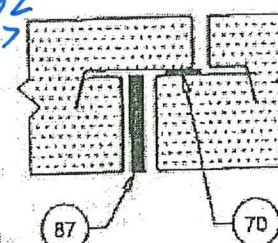
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By Healy A. Miller
Miami Dade Product Control



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 19-1205.02
Expiration Date 01/05/2022
By Healy A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002.02
Expiration Date 01/05/2027
By Healy A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1120.14
Expiration Date 01/05/2017
By Healy A. Miller
Miami Dade Product Control



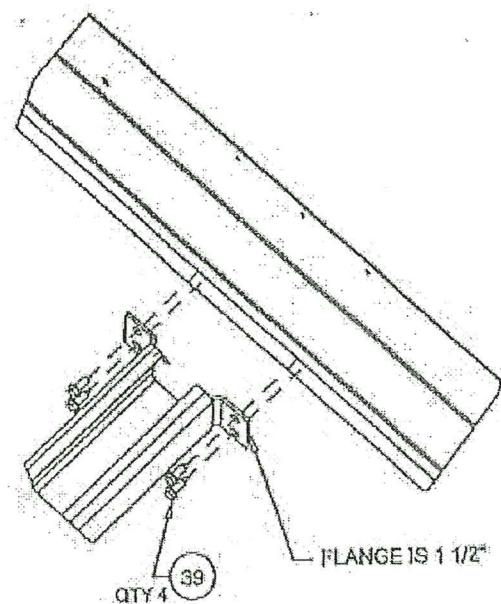
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0628-01
Miami Dade Product Control
By Healy A. Miller

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
(01/22/2011)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 19-1205.07
Expiration Date JAN 05 2022
By Healy A. Miller
Miami Dade Product Control

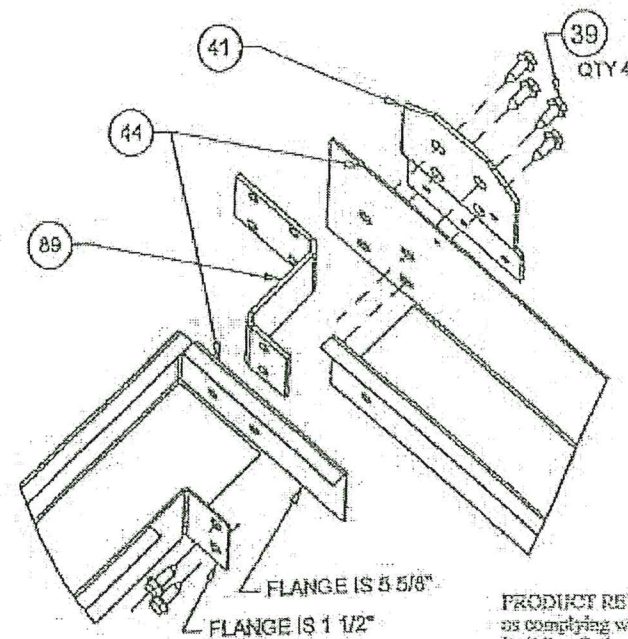
DRAWING#	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	11 OF 46	SECTION			MOCK UP/DWG SHEET REF: 26, 28 OF 53	SCALE: NTS	DATE 16-SEP-2013

2ND LEVEL BASE RAIL DETAILS



DETAIL B

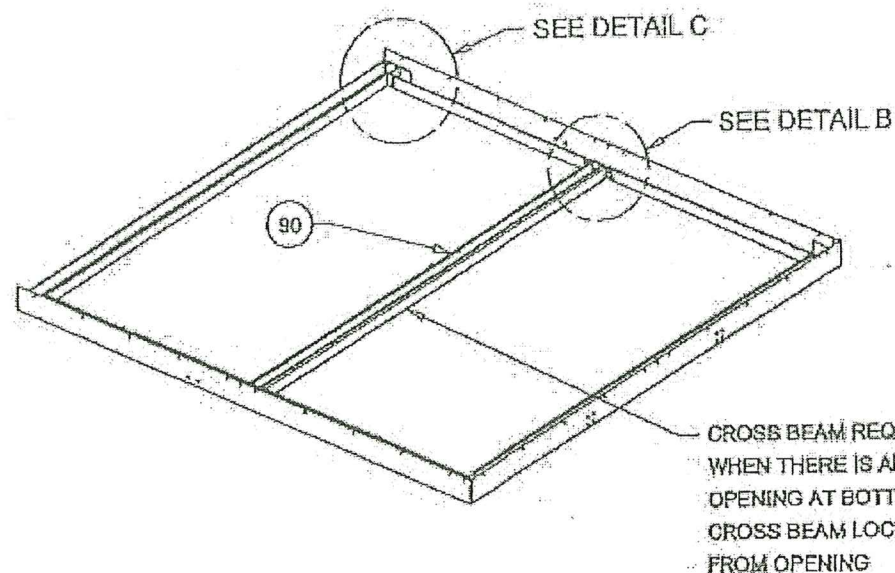
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *He G. A. Miller*
Miami Dade Product Control



DETAIL C

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *He G. A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *He G. A. Miller*
Miami Dade Product Control



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *He G. A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *He G. A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1205.02
Expiration Date 01/05/2022
By *He G. A. Miller*
Miami Dade Product Control

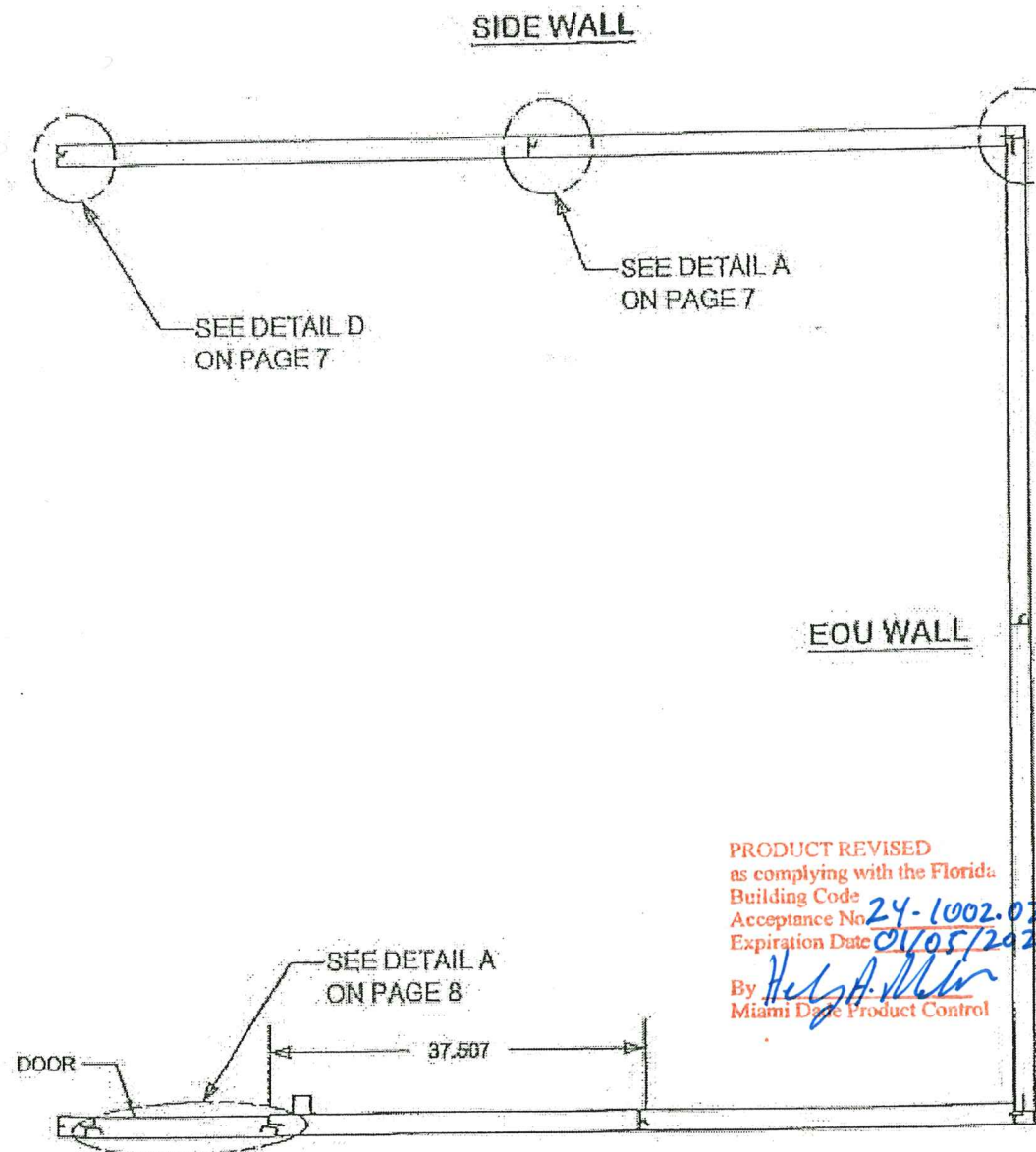
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *He G. A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
HOA# 12-0629.01
Miami Dade Product Control

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2015

DRAWING# AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY —		BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET 12 OF 46	SECTION			MOCK UP/DWG SHEET REF: 27, 34 OF 53	SCALE: NTS	DATE 16-SEP-2013	

TYPICAL WALL PANEL LAYOUT WITH OPENING ON THE END OF THE UNIT.



SEE DETAIL C
ON PAGE 7

SEE DETAIL A
ON PAGE 7

SEE DETAIL D
ON PAGE 7

EOU WALL

SEE DETAIL A
ON PAGE 8

DOOR

37.507

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

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Building Code
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PRODUCT REVISED
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Building Code
Acceptance No. 18-0212.09
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By *Heidi A. Miller*
Miami Dade Product Control

SIDE WALL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0624.06
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

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Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Dade Product Control

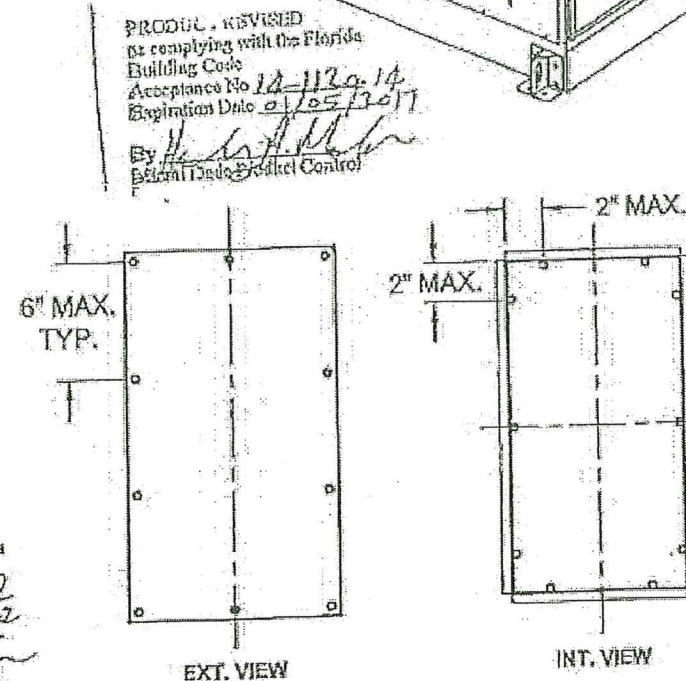
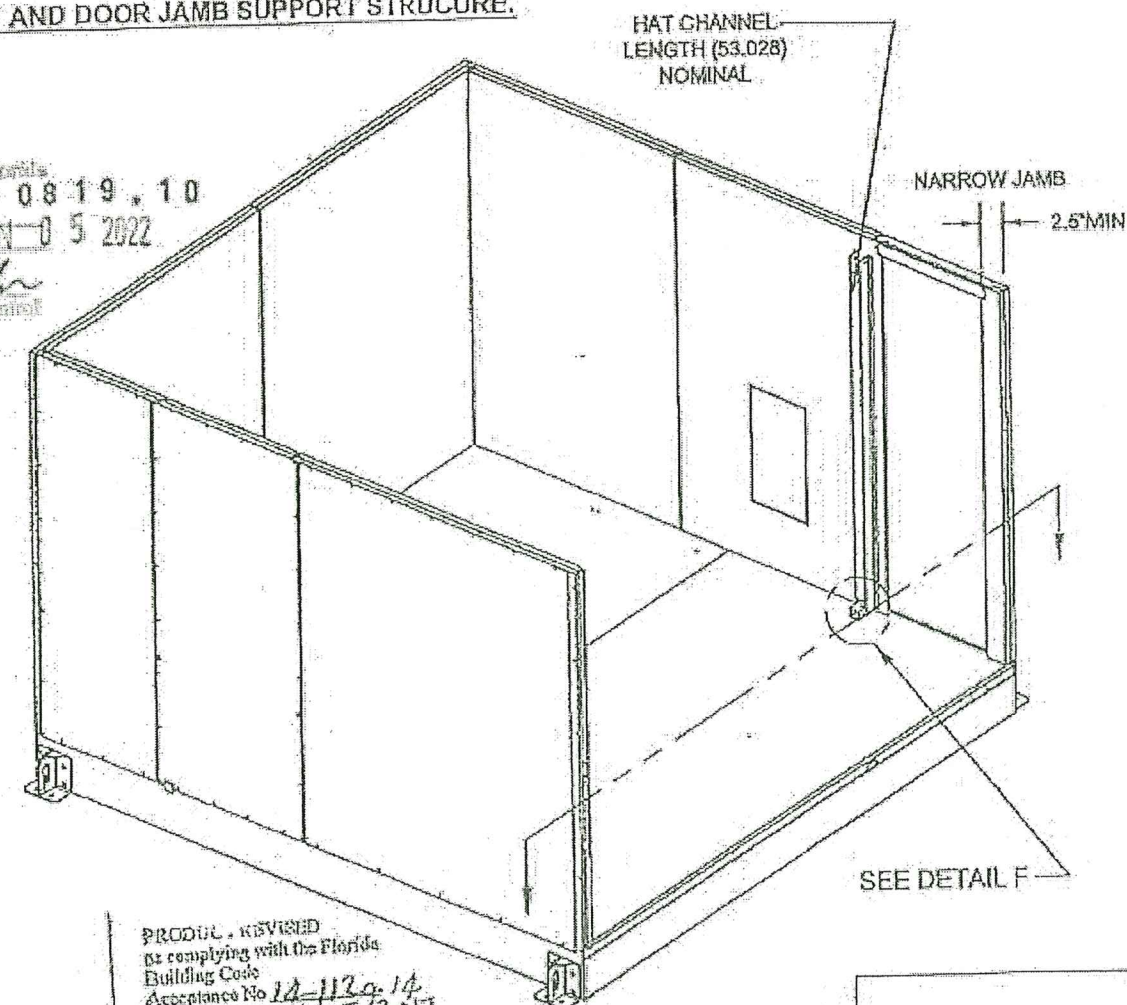
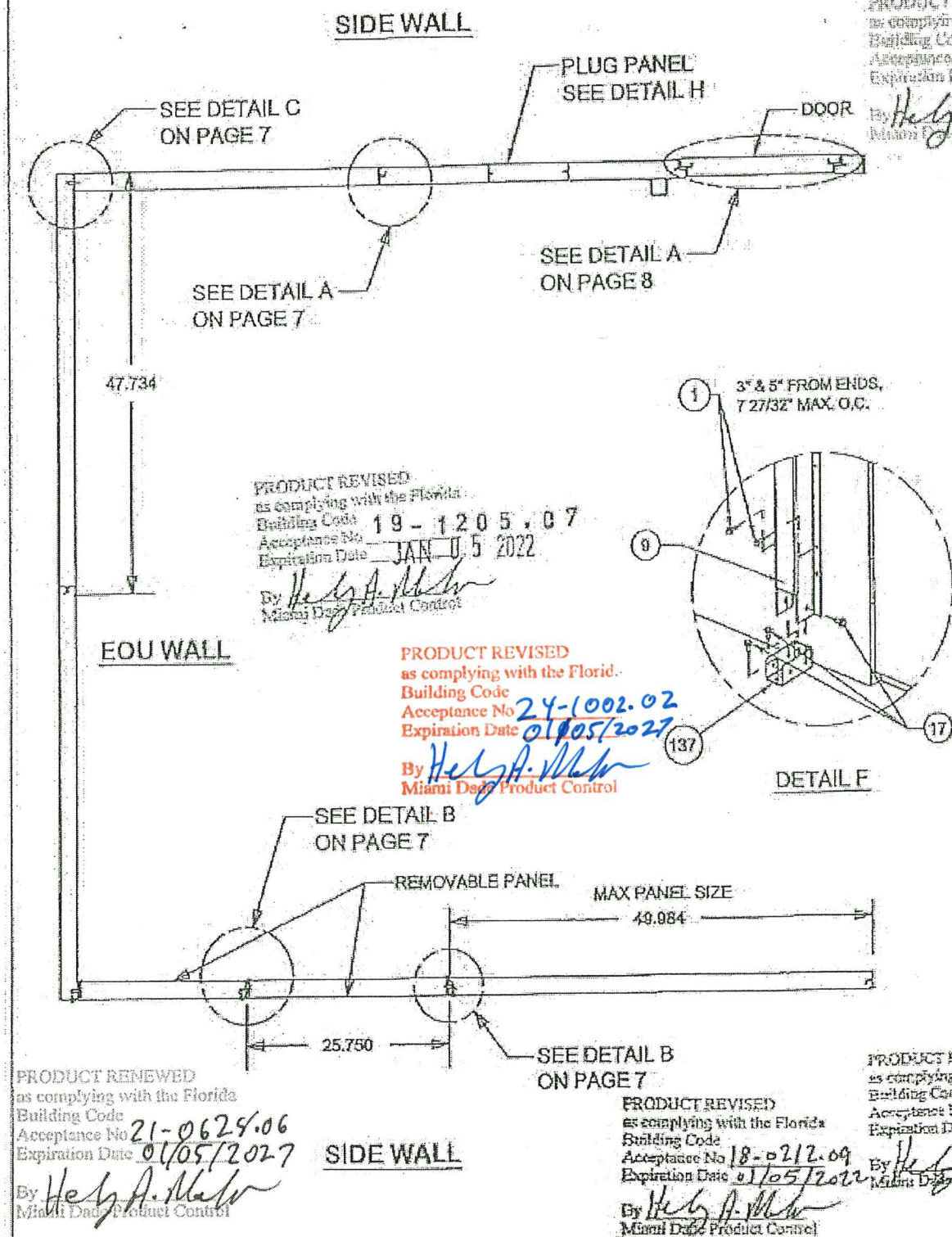
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 17-0629.01
Miami Dade Product Control
By *Heidi A. Miller*

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET	13 OF 48	SECTION			LOCK UP/OWS SHEET REF: 27, 34 OF 53	SCALE: NTS	DATE 16-SEP-2013

TYPICAL WALL PANEL LAYOUT AND DOOR JAMB SUPPORT STRUCTURE.



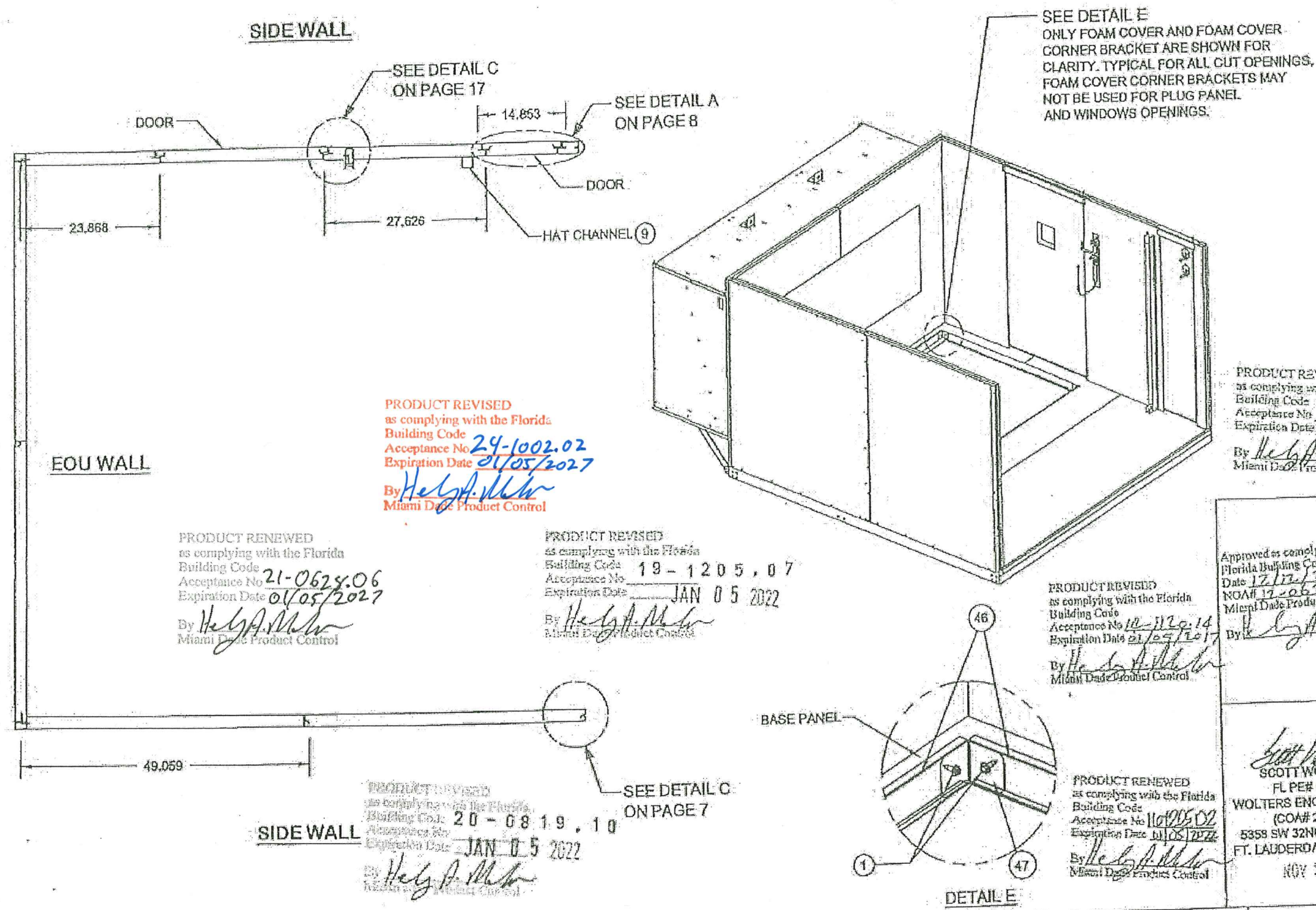
DETAIL H. PLUG PANEL ANCHOR LAYOUT

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629-01
Miami Dade Product Control
By *Healy A. Mahr*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
907 237 7811

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	14 OF 46	SECTION			MOCK UP/DWG SHEET REF:	SCALE: NTS	DATE: 16-SEP-2013
					27, 34 OF 53		

TYPICAL WALL PANEL LAYOUT SHOWING JAMB WITH AND WITHOUT SUPPORT STRUCTURE



PRODUCT REVISED
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Expiration Date 01/05/2027
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Miami Dade Product Control

PRODUCT RENEWED
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Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By Heidi A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By Heidi A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0217.09
Expiration Date 01/05/2022
By Heidi A. Miller
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/13/2013
NOAH 17-0639.01
Miami Dade Product Control
By Heidi A. Miller

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1129.14
Expiration Date 01/05/2027
By Heidi A. Miller
Miami Dade Product Control

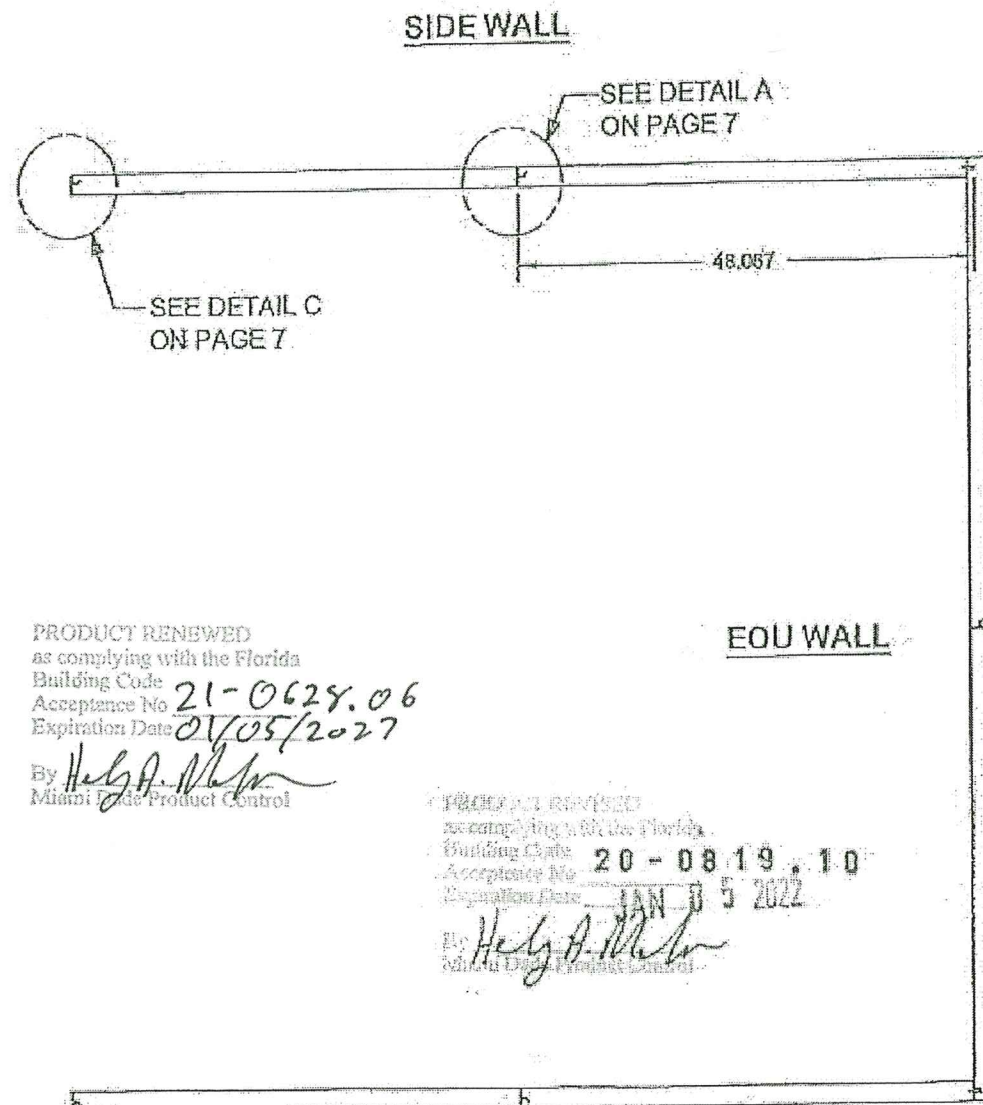
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By Heidi A. Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-0205.02
Expiration Date 01/05/2022
By Heidi A. Miller
Miami Dade Product Control

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COAH# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2013

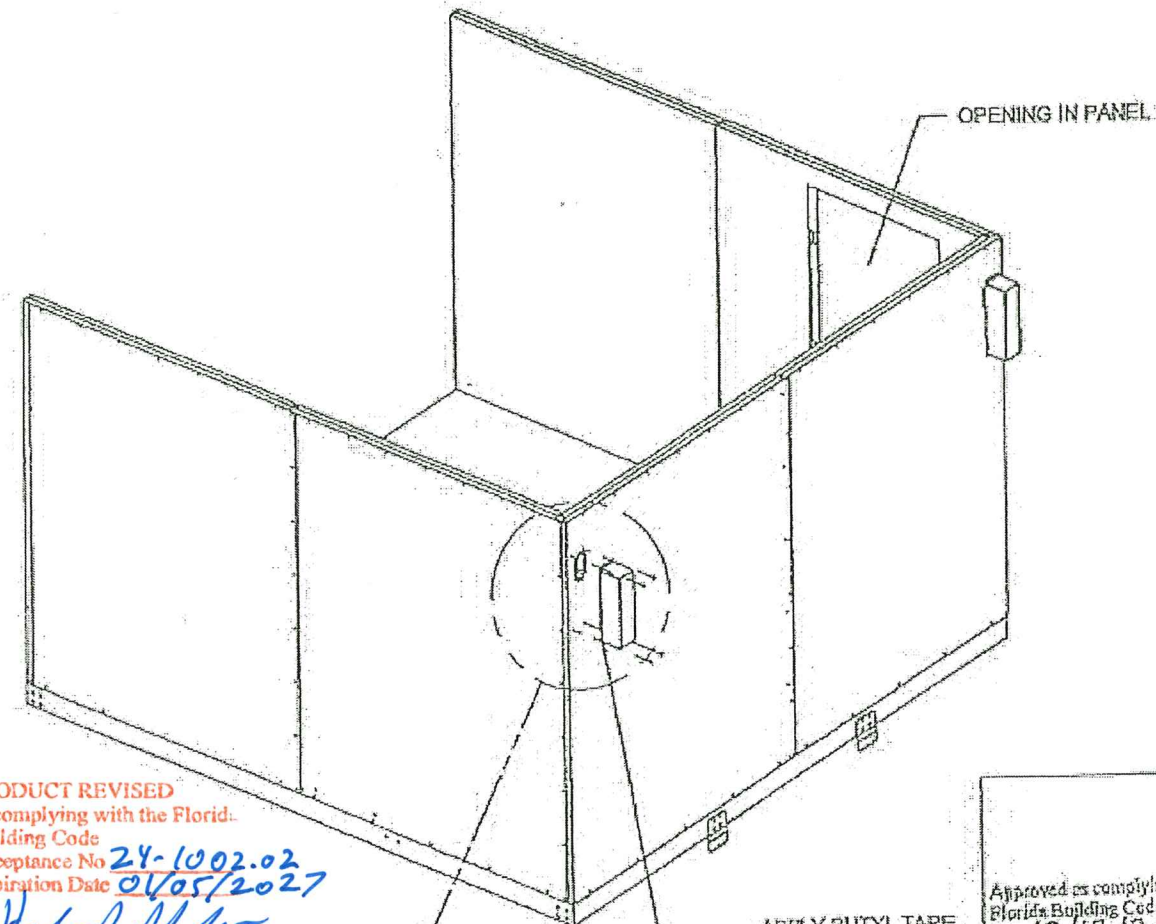
DRAWING #		AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S. MCCLOSKEY K. YUVARAJA	REV. A
SHEET	15 OF 46	SECTION				MOCK UP/DWG SHEET REF: 27, 34 OF 53	SCALE: NTS	DATE 16-SEP-2013

TYPICAL WALL PANEL LAYOUT, WITH OPENING ON THE SIDE PANEL



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 01/05/2027
By H. G. A. Miller
Miami Dade Product Control

PRODUCT RENEWED
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Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By H. G. A. Miller
Miami Dade Product Control



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Building Code
Acceptance No 24-1002.02
Expiration Date 01/05/2027
By H. G. A. Miller
Miami Dade Product Control

APPLY BUTYL TAPE
.125" T X 2.0" W

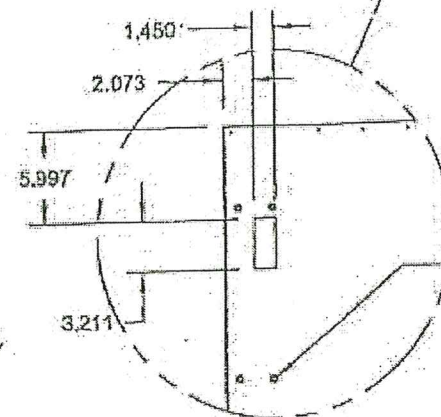
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1120-14
Expiration Date 01/05/2017
By H. G. A. Miller
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629.01
Miami Dade Product Control
By H. G. A. Miller

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 19-1205.07
Expiration Date JAN 05 2022
By H. G. A. Miller
Miami Dade Product Control

SIDE WALL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 18-0212.09
Expiration Date 01/05/2022
By H. G. A. Miller
Miami Dade Product Control



SCREW; 10-16 X .75 SELF DRILLER

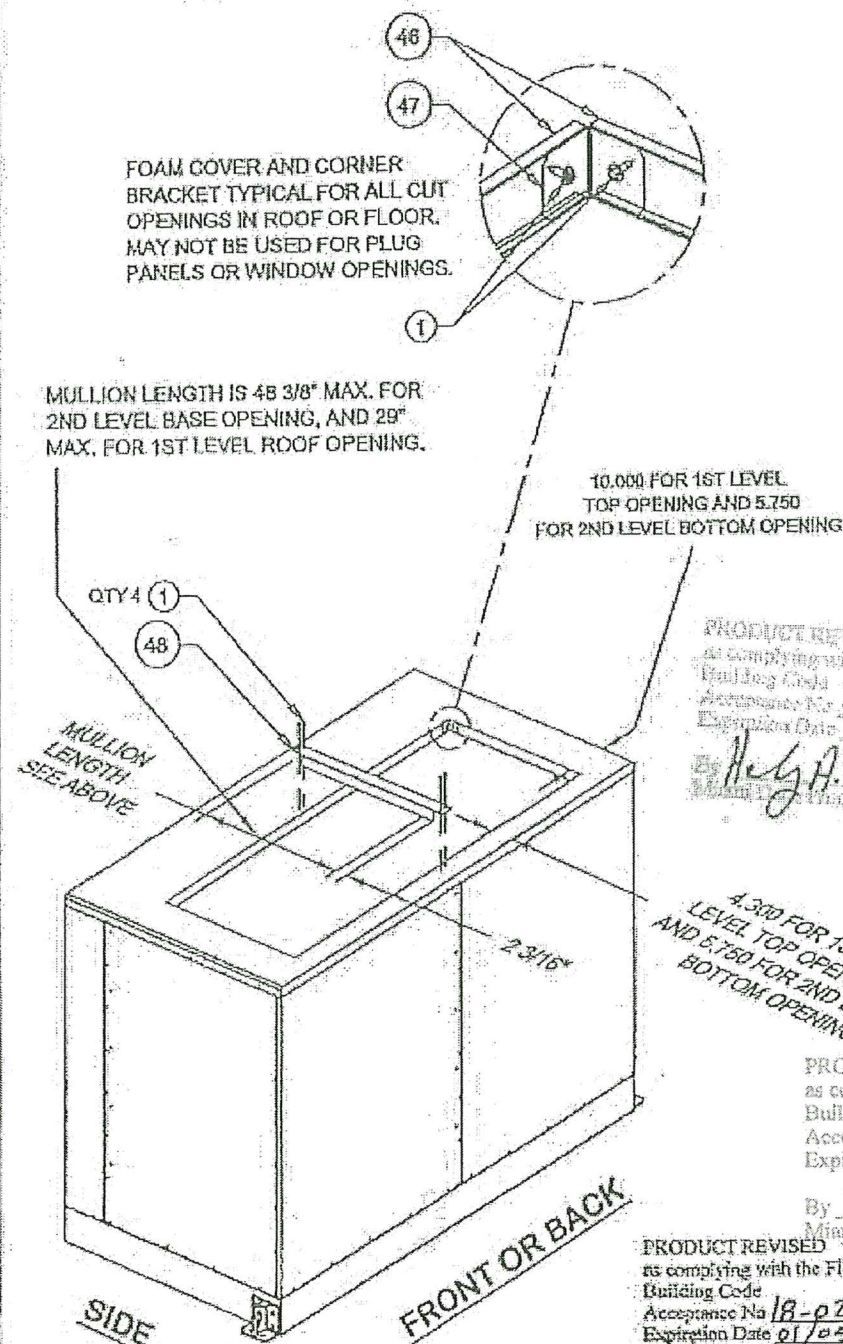
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 16-1205.02
Expiration Date 01/05/2022
By H. G. A. Miller
Miami Dade Product Control

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27184)
6358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2013

DRAWING #	DESG.	REV. HISTORY	BY:	REV.
AIRS0705	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		S. MCCLOSKEY KYUVARAJA	A
SHEET	SECTION	MOCK UP/DWG SHEET REF:	SCALE	DATE
16 OF 48		27, 34 OF 53	NTS	16-SEP-2013

TRANE
US Inc.

OPENING SIZES & MULLION DETAILS ON BASE AND ROOF.



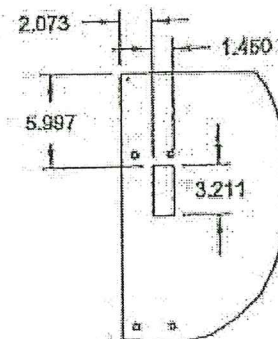
DETAIL D
MULLION DETAIL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By *Healy A. Miller*
Miami Data Product Control

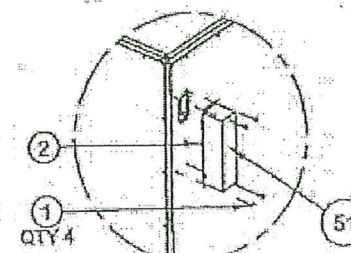
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 04/05/2027
By *Healy A. Miller*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 18-0212.09
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Data Product Control

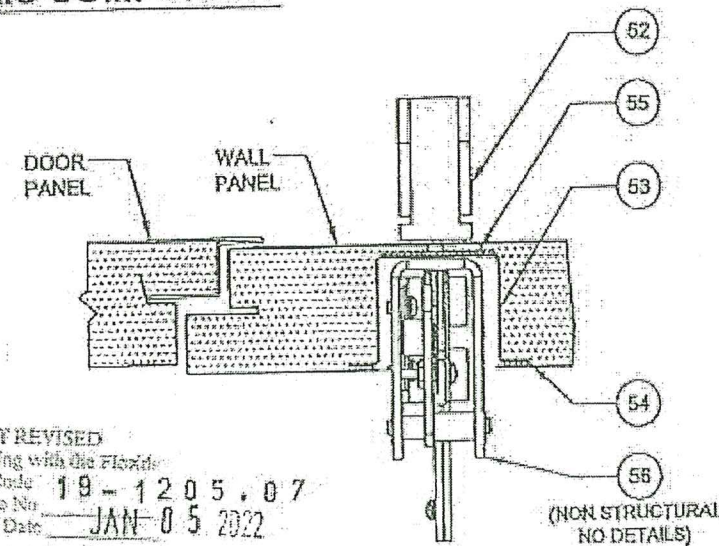
OTHER GENERIC COMPONENT



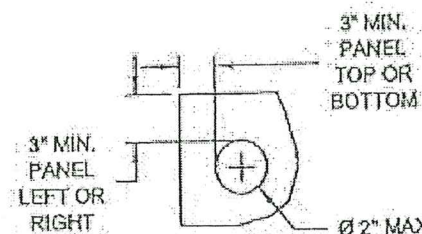
DETAIL A. RACEWAY DETAIL
(ATTACHED TO BACK OR FRONT OF THE UNIT)
IT IS PENETRATION CORE ON THE UNIT TO RUN
THE CABLES TO STACKED UNITS



DETAIL B. FIELD-DRILLED HOLE DETAIL
APPLICABLE TO ALL PANELS



DETAIL C. DISCONNECT HANDLE
APPLICABLE TO ALL THE UNITS



DETAIL E. JUNCTION BOX
APPLICABLE TO ALL THE UNITS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002.02
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Data Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 18-1205.03
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1120.14
Expiration Date 01/05/2017
By *Healy A. Miller*
Miami Data Product Control

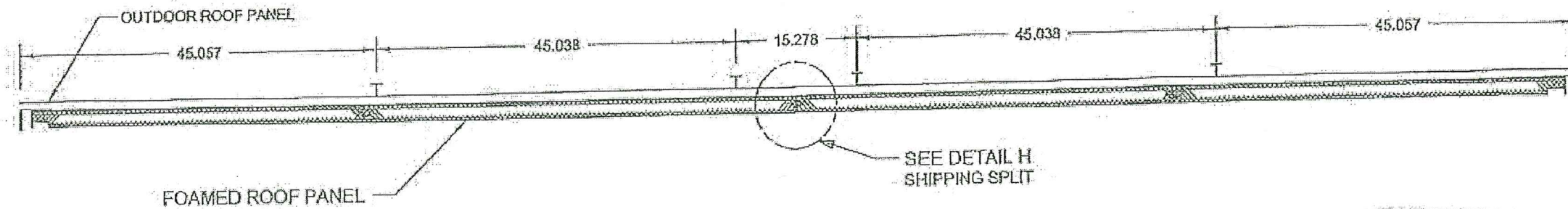
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 17-0629.01
Miami Data Product Control
By *Healy A. Miller*

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
904 757 7813

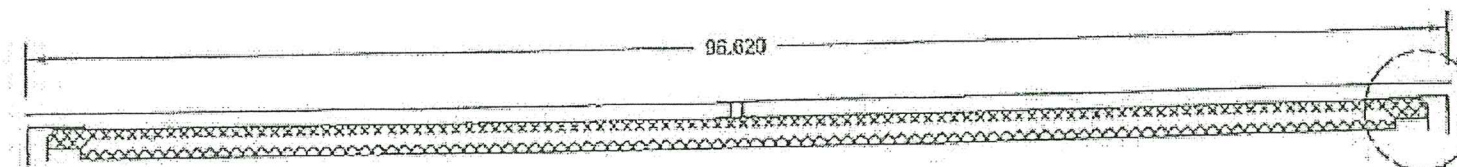
DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S. MCCLOSKEY K. YUVARAJA	REV. A
SHEET	17 OF 46	SECTION			NO. OF UPDWS SHEET REF.	SCALE: NTS	DATE 16-SEP-2013
					7, 11, 21, 22 OF 53		

ROOF PANEL CONSTRUCTION

OUTDOOR ROOF TO ROOF PANEL

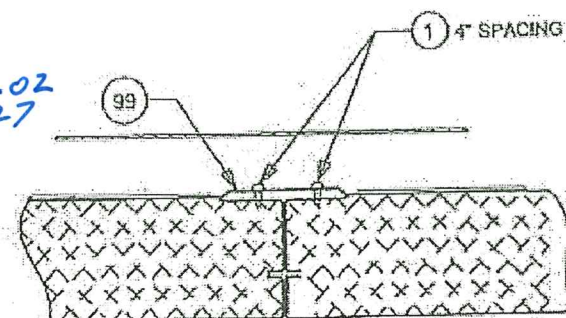


SECTION X-X



SECTION Y-Y

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control



DETAIL H

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
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Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1006.02
Expiration Date 01/05/2022
By *Healy A. Miller*
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Building Code
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Building Code
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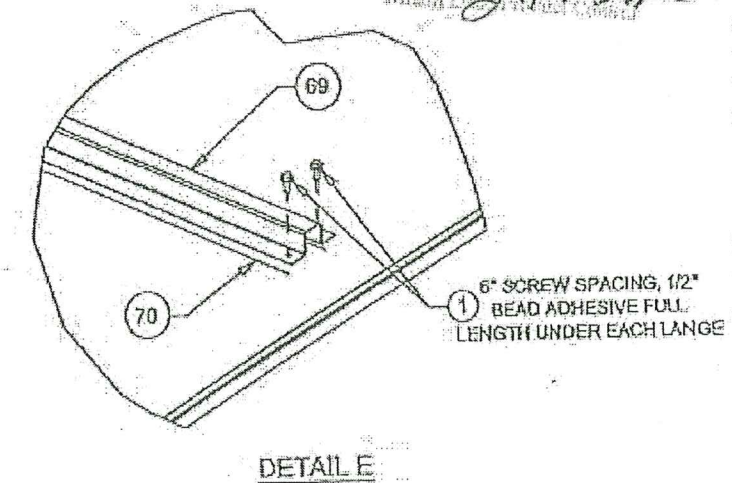
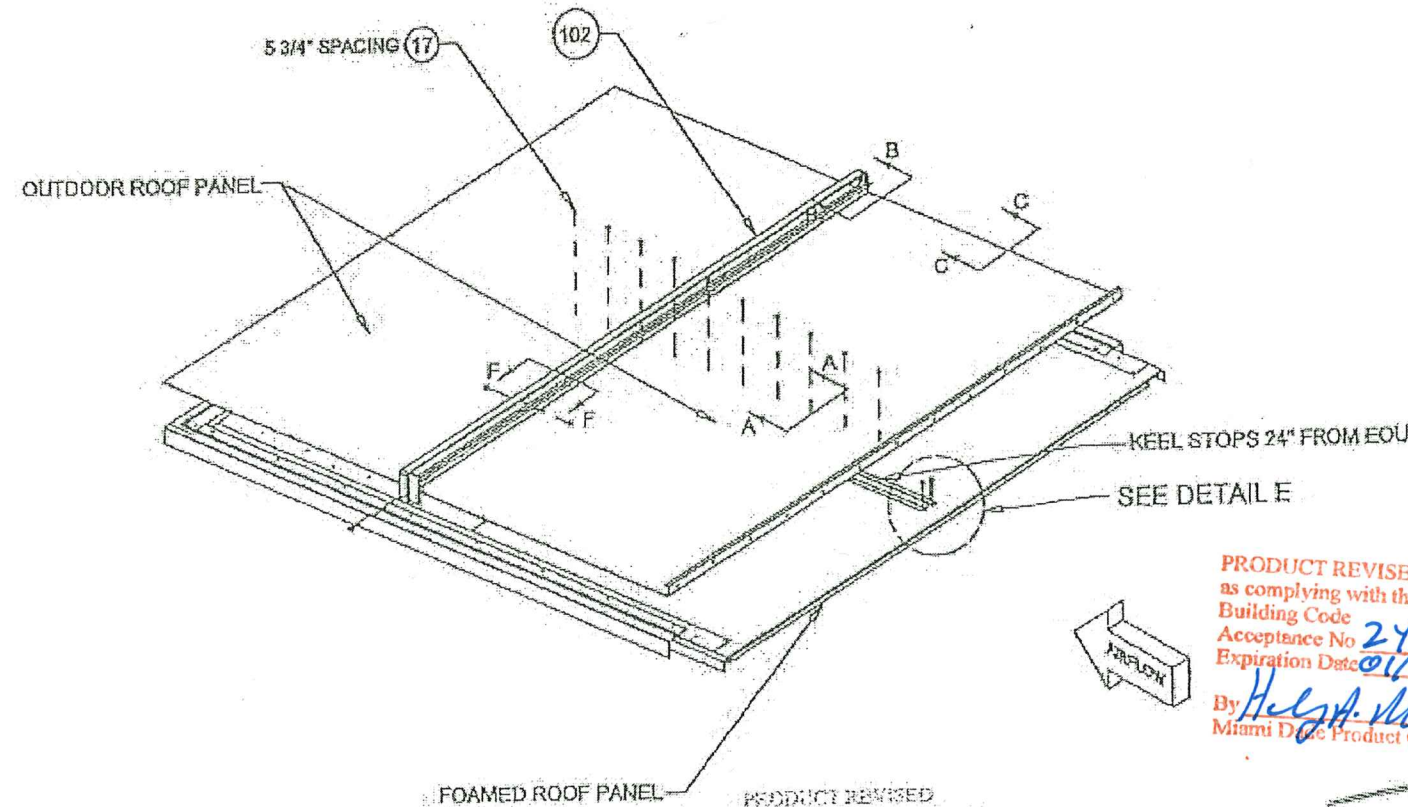
Approved as complying with the
Florida Building Code
Date 12/17/2013
NOAH 13-0629.01
Miami Dade Product Control
By *Healy A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 2015

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET	18 OF 46	SECTION			MOCKUP/DWG SHEET REF: 7, 11, 21, 22 OF 53	SCALE: NTS	DATE 16-SEP-2013

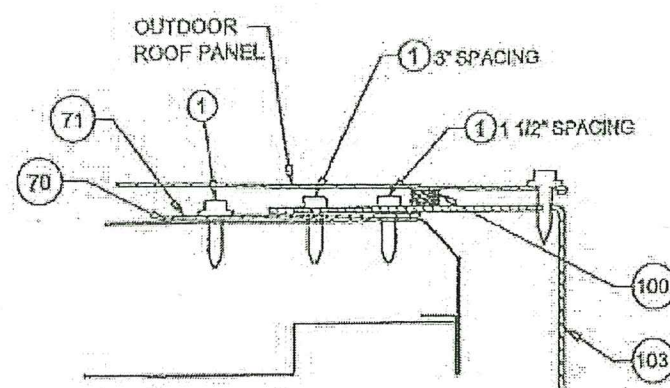
OUTDOOR ROOF DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Helga A. Miller*
Miami Data Product Control

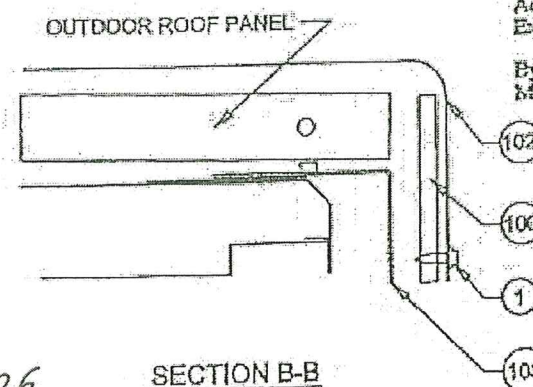


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Helga A. Miller*
Miami Data Product Control

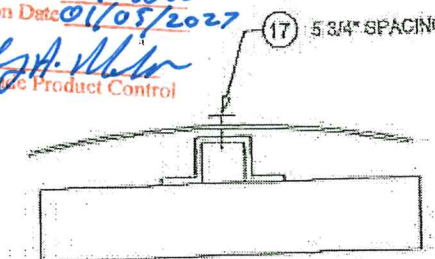
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 16-0608
Expiration Date 01/05/2022
By *Helga A. Miller*
Miami Data Product Control



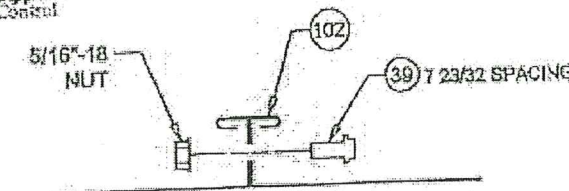
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Helga A. Miller*
Miami Data Product Control



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Helga A. Miller*
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PRODUCT REVISED
as complying with the Florida
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Acceptance No. 14-1129.16
Expiration Date 01/05/2019
By *Helga A. Miller*
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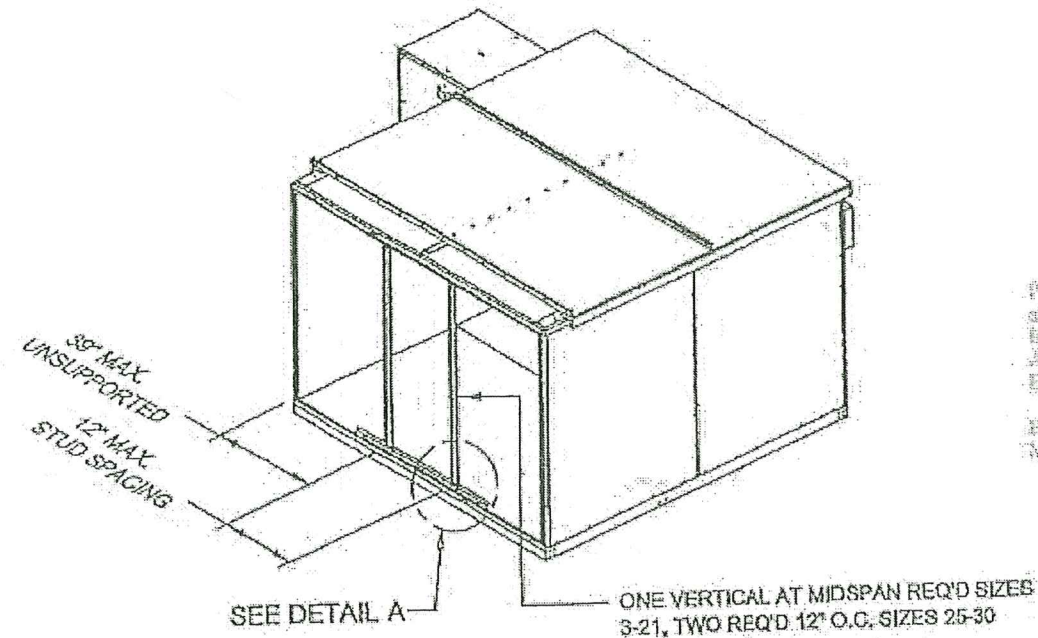


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Florida Building Code
Date 12/12/2013
Acceptance No. 12-0629.01
Miami Data Product Control
By *Helga A. Miller*

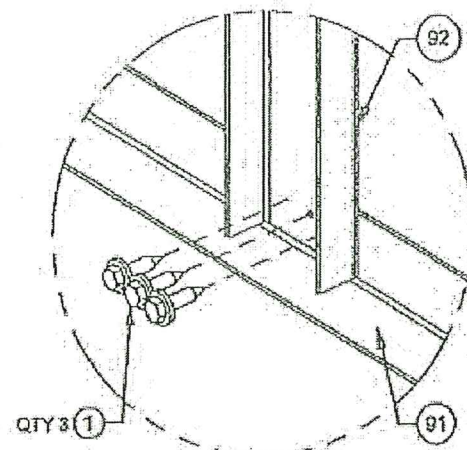
Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	19 OF 46	SECTION			NOCK UP/DWG SHEET REF:	SCALE: NTS	DATE 16-SEP-2013
					31, 32 OF 33		

BUILD GROUP / SHIPPING SPLIT CONSTRUCTION **DETAILS FOR STANDARD UNIT**



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 20-0019.10
 Expiration Date JAN 05 2022
 By *Heidi A. Miller*
 Miami Dade Product Control



DETAIL A

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 19-1205.07
 Expiration Date JAN 05 2022
 By *Heidi A. Miller*
 Miami Dade Product Control

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 18-0212.09
 Expiration Date 01/05/2022
 By *Heidi A. Miller*
 Miami Dade Product Control

Approved as complying with the
 Florida Building Code
 Date 12/12/2013
 NOAH 19-0629.01
 Miami Dade Product Control
 By *Heidi A. Miller*

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 21-0628.06
 Expiration Date 01/05/2027
 By *Heidi A. Miller*
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PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 24-1002.02
 Expiration Date 01/05/2027
 By *Heidi A. Miller*
 Miami Dade Product Control

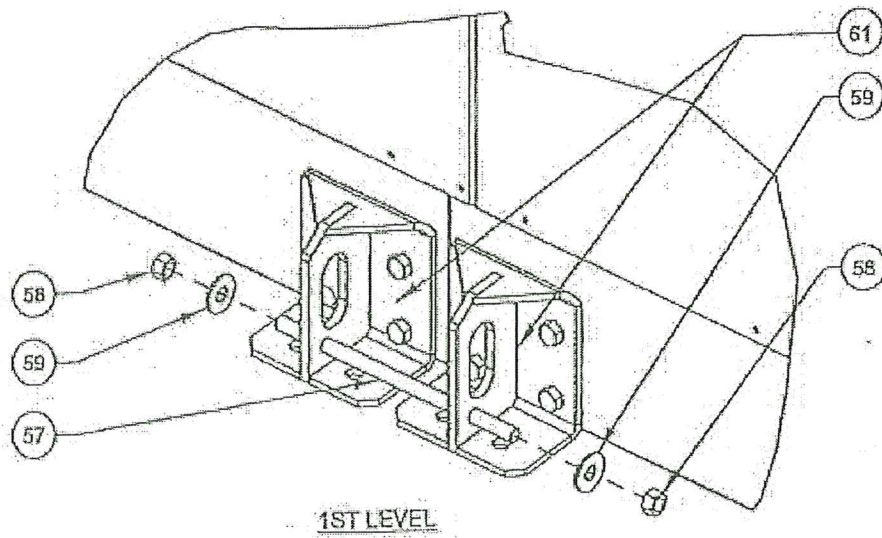
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-1120.14
 Expiration Date 01/05/2017
 By *Heidi A. Miller*
 Miami Dade Product Control

Scott Walters
SCOTT WALTERS
 FL PE# 62354
WALTERS ENGINEERING, INC.
 (COA# 27194)
 5355 SW 32ND TERRACE
 FT. LAUDERDALE, FL 33312
 NOV 23 2013

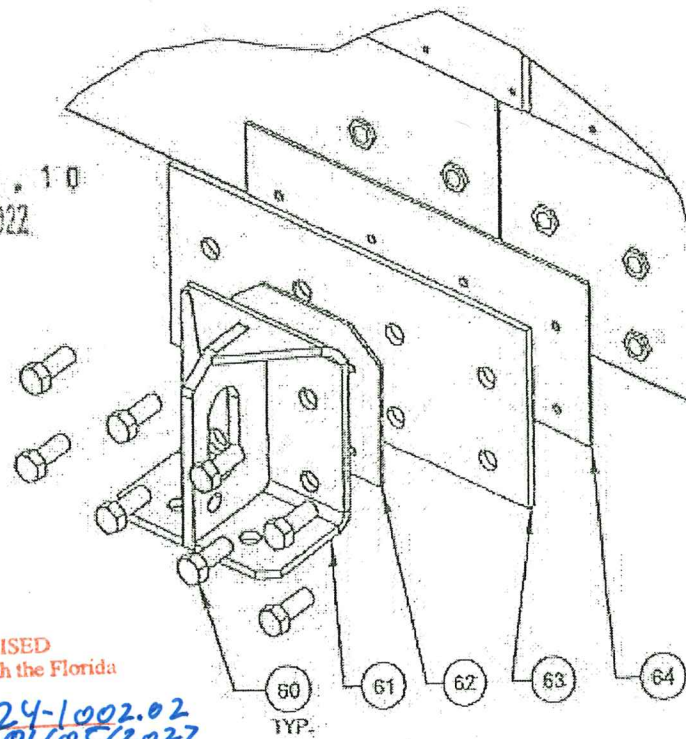
DRAWING # AIRS0705 SHEET 20 OF 45	DESQ. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY WORK UP/SG SHEET REF. 31, 32 OF 53	BY: S.MCGLOSKEY K.YUVARAJA SCALE: NTS	REV. A DATE 10-SEP-2013
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BUILD GROUP/ SHIPPING SPLIT JOIN DETAILS AT THE BASE RAIL.

USE THREADED ROD TO PULL BUILD GROUPS TOGETHER (1ST LEVEL)



REMOVE LUG FIXTURES AND INSTALL SPLICE PLATE TO HOLD THE BUILD GROUP BASES TOGETHER. IF A LUG IS REQUIRED AT THAT LOCATION, IT SHALL BE CENTERED ON THE SPLICE PLATE.

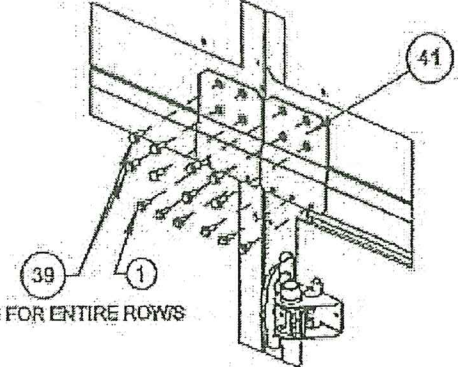


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

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as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
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Building Code
Acceptance No. 10120512
Expiration Date 01/05/2022
By *Heidi A. Miller*
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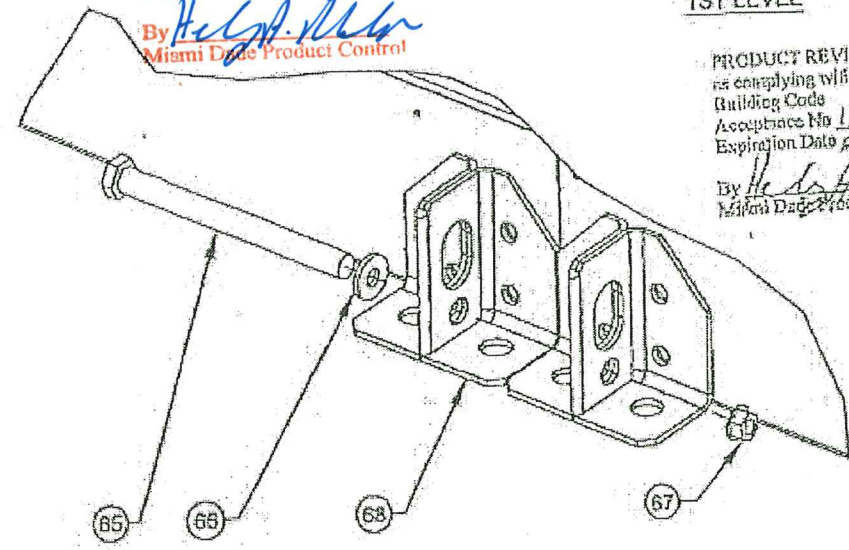
- NOTES:
1. SECTIONS / BUILDGROUPS PULLED TOGETHER WITH THREADED ROD.
 2. IF NEEDED, THIS CAN BE WITH ITEM 63 OR LEAVE IT AS IS WITH THREADED ROD.
 3. FOR 2ND LEVEL, THE THREADED BOLT IS USED TO PULL THE SECTION / BUILD GROUPS TOGETHER AND ONCE FASTENED TOGETHER, THE LIFTING LUGS 68 CAN BE REPLACED BY ITEM 41. SEE THAT ATTACHMENT DETAIL H ON THIS SHEET.



DETAIL H. STACKED UNIT BRACKET AT SHIPPING SPLIT DETAIL

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Acceptance No. 21-0628.06
Expiration Date 01/05/2022
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USE HEX MACHINE BOLT TO PULL BUILD GROUPS TOGETHER (2ND LEVEL)

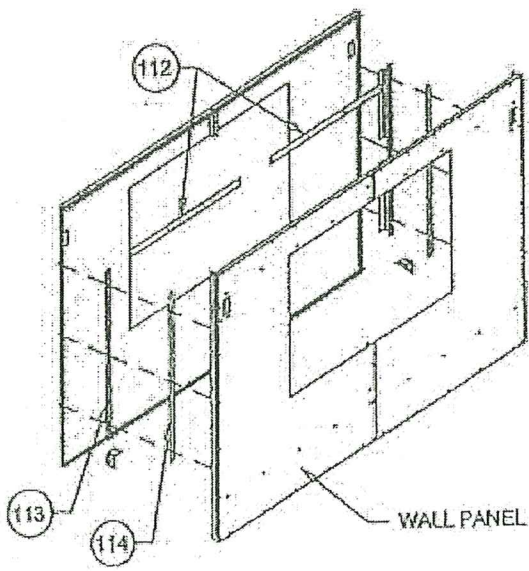
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1120.14
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 17-2679.01
Miami Dade Product Control
By *Heidi A. Miller*

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FL PE# 52354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2011

DRAWING# AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY MOCK UP/DWG SHEET REF: 44 OF 53	BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS	REV. A
SHEET 21 OF 45	SECTION					DATE 16-SEP-2013

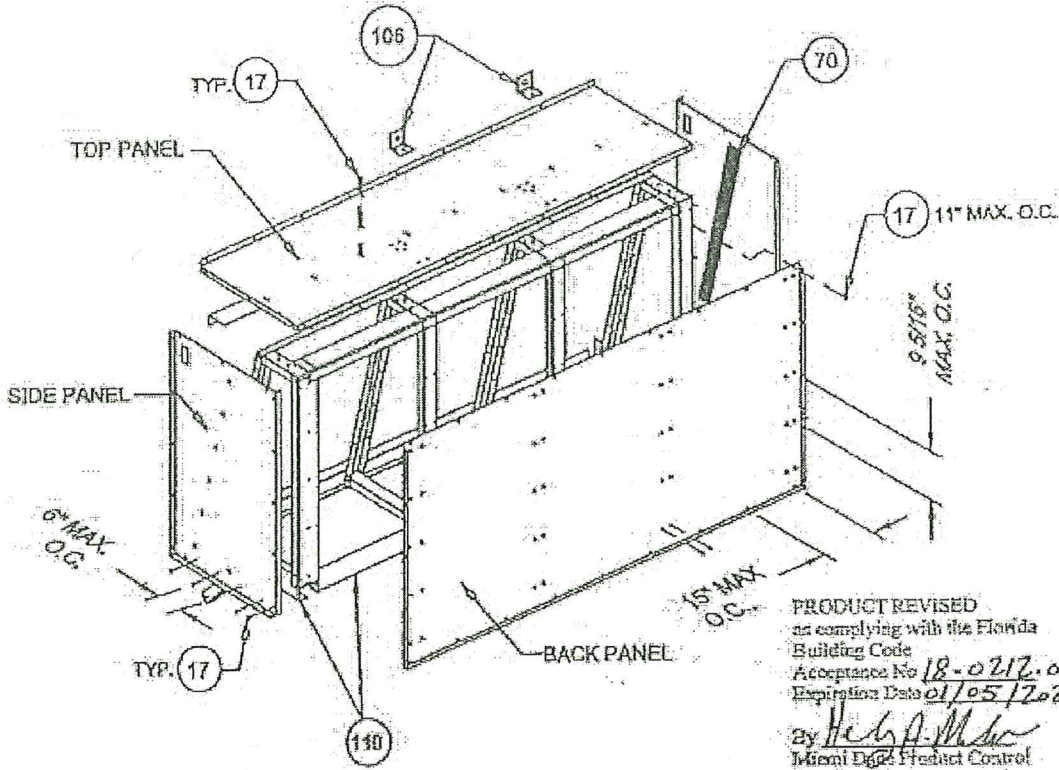
HOOD ATTACHMENT FEATURES



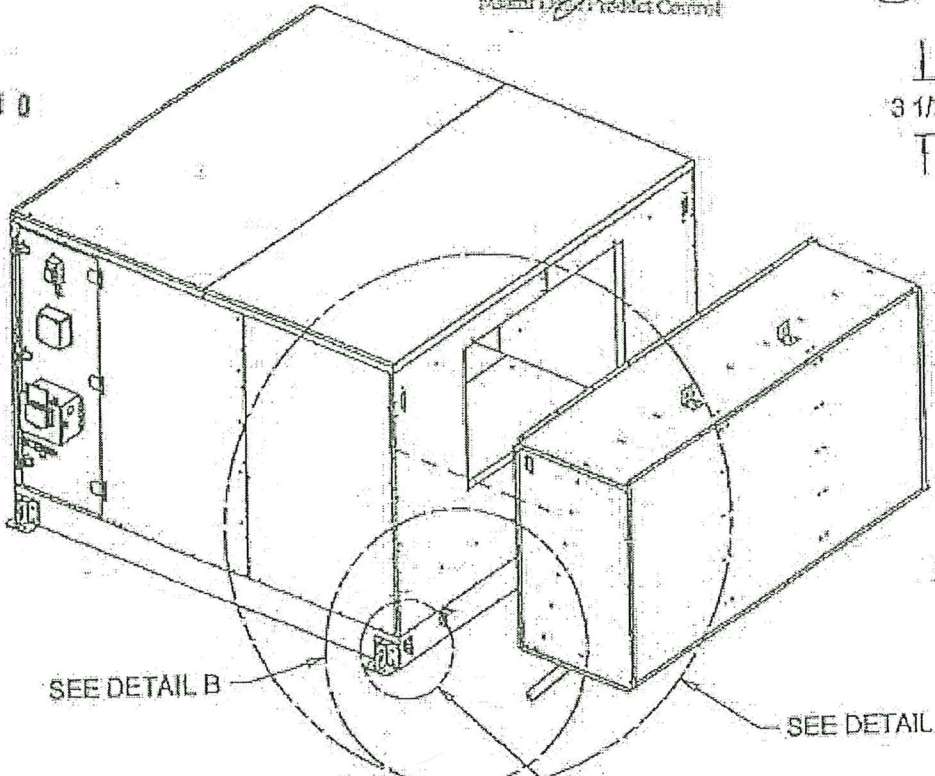
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0624.06
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

- NOTES:
1. BACKING PLATE IN WALL PANEL ATTACHED WITH DOUBLE SIDED TAPE TO THE OUTER SKIN. BACKING PLATE AND WALL ANCHOR LOCATED IN THE PANEL MATCHING THE HOOD PERIMETER.
 2. THE L ANGLES (ITEM 110) IN HOODS ARE SANDWICHED BETWEEN THE A FRAMES AND THE METAL SKINS. ADHESIVE (ITEM 70) IS APPLIED BETWEEN THE ANGLES AND THE METAL SKINS AS WELL.



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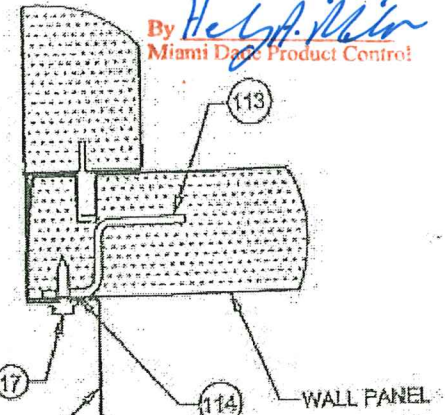


SEE DETAIL B

SEE DETAIL A

SEE DETAIL C

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as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Dade Product Control

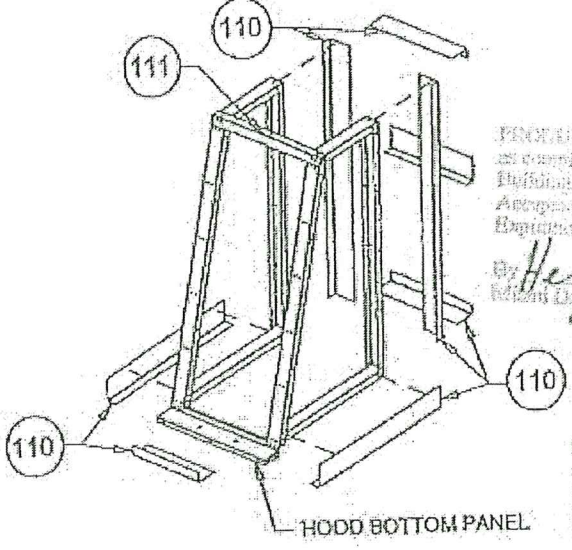
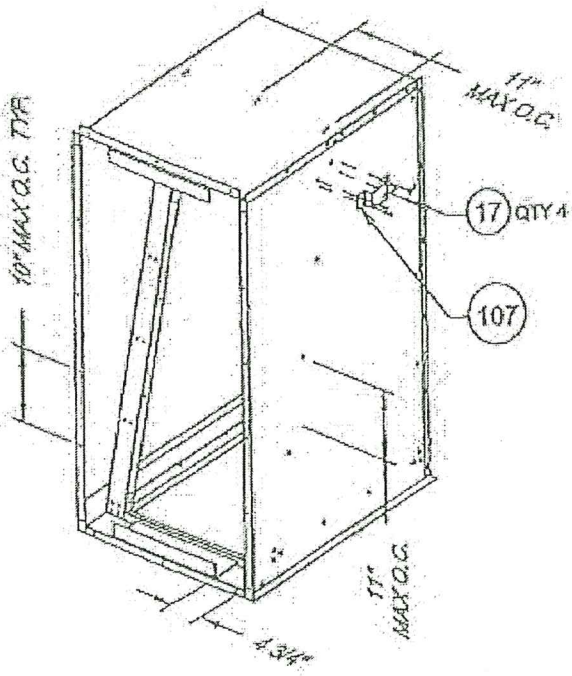
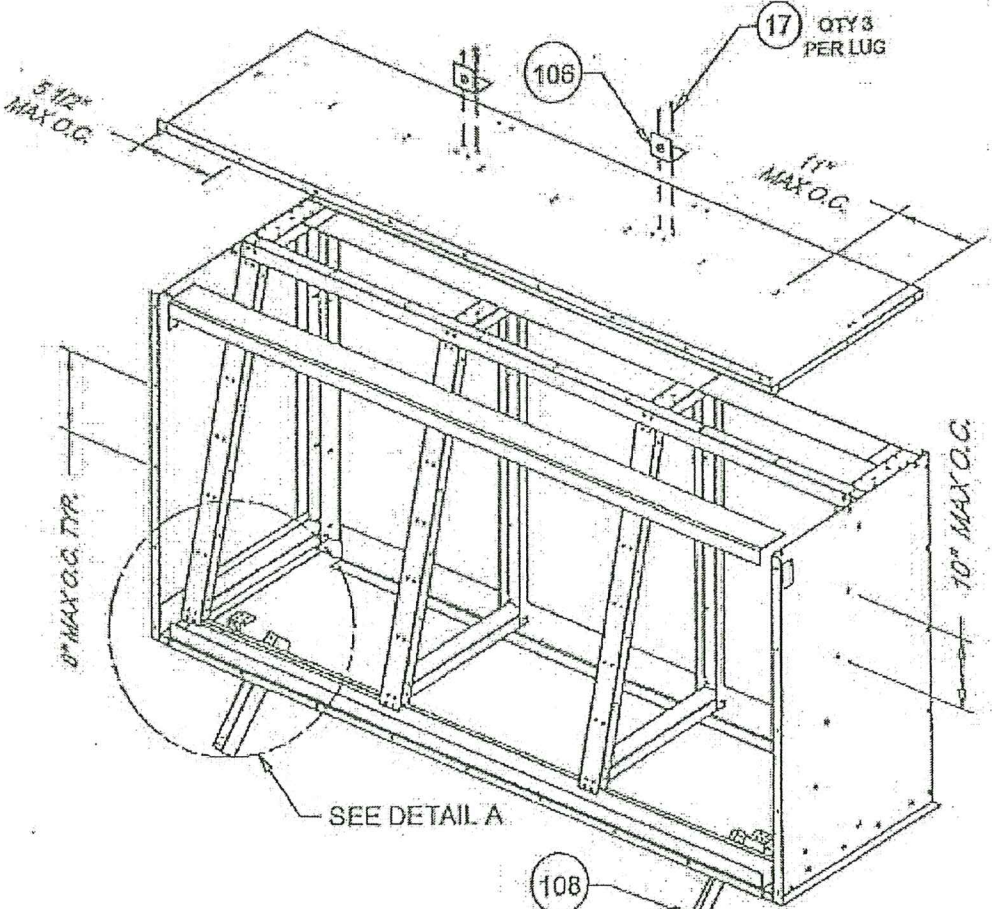


HOOD ASSEMBLY DETAILS

HOOD DESCRIPTION	LENGTH	WIDTH	HEIGHT
BACK/FRONT HOOD	93 7/16"	27 11/16"	44 9/16"
SIDE HOOD	35 1/8"	27 3/4"	54 1/4"

- NOTES:
1. SEE TABLE FOR MAX. HOOD SIZES.
2. ALL METAL SKINS ARE ATTACHED WITH 1/4" SCREWS.
3. ALL A-FRAME PARTS ARE ASSEMBLED WITH 1/4"-14 x 3/4" DRILL SCREWS (ITEM 17).
4. BOTTOM L ANGLE ATTACHED TO BOTTOM PANEL WITH ITEM 17 AT 12" O.C.

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Expiration Date JAN 05 2022
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Miami Dade Product Control



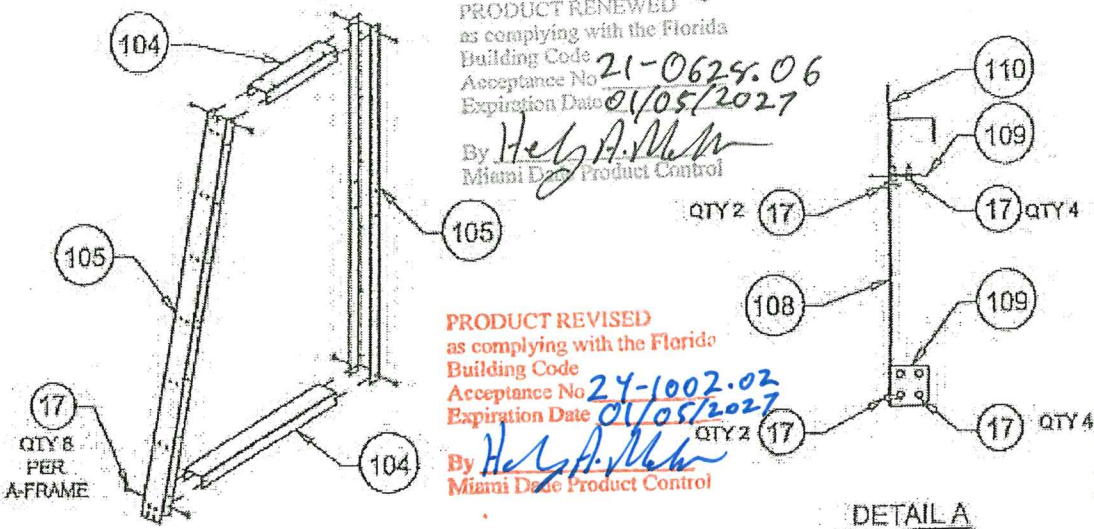
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819-10
Expiration Date JAN 05 2022
By *Helga Miller*
Miami Dade Product Control

PRODUCT REVISED
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Building Code
Acceptance No. 16-1705-02
Expiration Date 01/05/2022
By *Helga Miller*
Miami Dade Product Control

PRODUCT REVISED
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Building Code
Acceptance No. 18-1119-16
Expiration Date 01/05/2017
By *Helga Miller*
Miami Dade Product Control

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Florida Building Code
Date 12/12/2013
NOA# 12-0629-01
Miami Dade Product Control
By *Helga Miller*

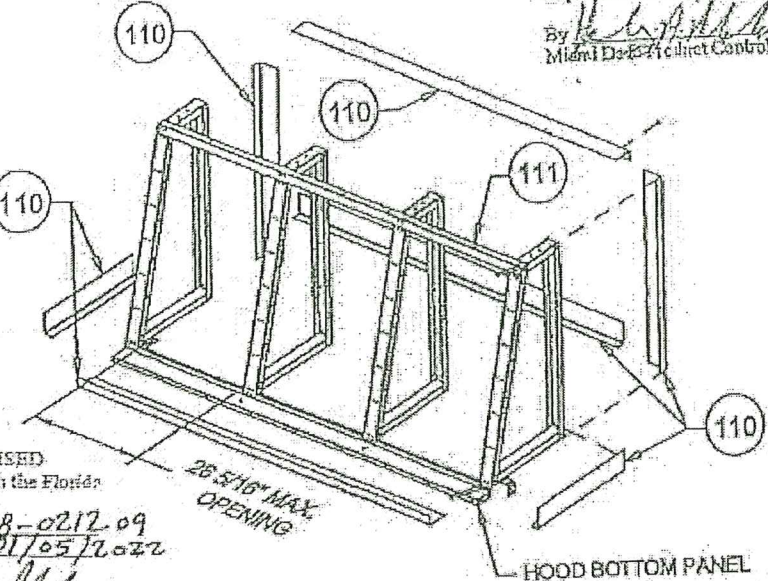
Scott Wolters
SCOTT WOLTERS
FL PE# 52354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013



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as complying with the Florida
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Acceptance No. 24-1002-03
Expiration Date 01/05/2027
By *Helga Miller*
Miami Dade Product Control

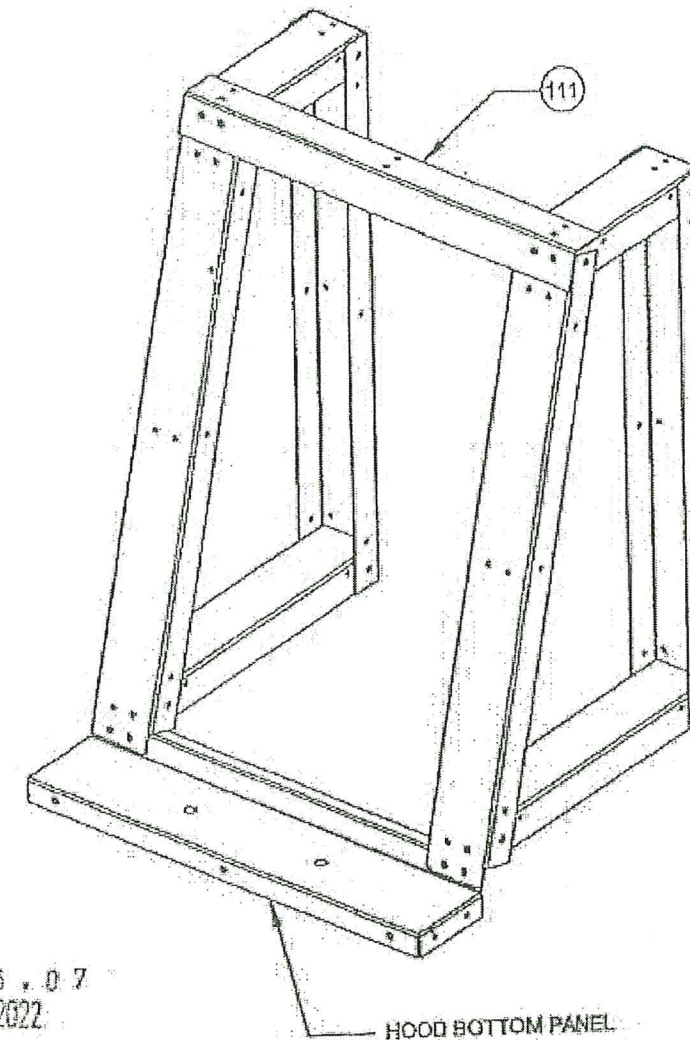
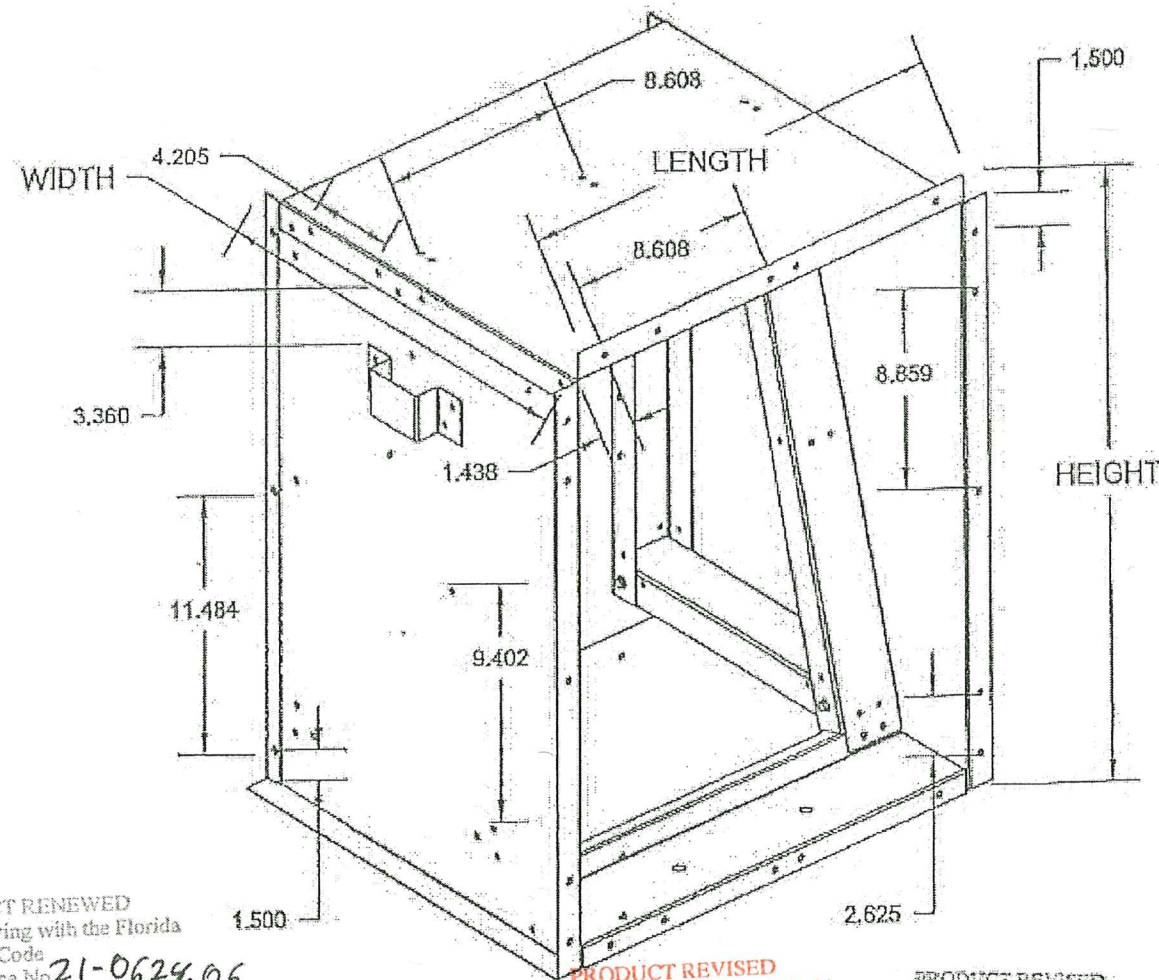
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GAS HEAT INTAKE HOOD ASSEMBLY DETAILS (TESTED WITH SIZE 50)

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By *Helga A. Miller*
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- NOTES:
1. SKINS ARE ADHERED WITH STRUCTURAL GLUE.
 2. ALL METAL SKINS ARE ATTACHED WITH 1/4" SCREWS.
 3. ALL A-FRAME PARTS ARE ASSEMBLED WITH ITEM 17.
 4. NO BACKING PLATE REQUIRED WHEN INLET IS ATTACHED TO DOOR.
 5. NO ITEM 110 (L ANGLE) USED FOR THIS HOOD.



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Expiration Date 01/05/2022
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Miami Dade Product Control

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Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Helga A. Miller*
Miami Dade Product Control

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Florida Building Code
Date 12/12/2013
NOA# 12-0629.01
Miami Dade Product Control
By *Helga A. Miller*

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SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
804 25 2633

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Acceptance No. 21-0624.06
Expiration Date 01/05/2027
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Miami Dade Product Control

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Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
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HOOD DESCRIPTION	LENGTH	WIDTH	HEIGHT
GAS HEAT INLET HOOD	22.780"	19.646"	27.250"

DRAWING# AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET 24 OF 45	SECTION			MOCK UP/DWG SHEET REF: 47 OF 63	SCALE: NTS	DATE 16-SEP-2013

PIPE CABINET

PIPE CABINET ATTACHES TO SIDE OF STANDARD UNIT.
(SEE DETAILS P3 AND P4 ON SHEET 26 AND 27, RESPECTIVELY
AND P11 ON SHEET 28)

SEE SHEET 27 FOR PC
HORIZONTAL SECTIONS.

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Acceptance No 24-1002.02
Expiration Date 01/05/2027
By *Healy A. Miller*
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SEE DETAIL P10
ON SHEET 28

SEE SHEET 26 FOR PC
VERTICAL SECTIONS.

SEE DETAIL P9
ON SHEET 28

SEE DETAIL P8
ON SHEET 28

OUTER ROOF PANEL

SEE SHEETS 9 AND 10 FOR DOOR
DETAILS AND MAXIMUM DOOR
DIMENSIONS. (OPTIONAL)

DOOR (OPTIONAL).

SEE SHEET 27 FOR PC
HORIZONTAL SECTIONS.

DOOR (OPTIONAL).

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Expiration Date 01/05/2027
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Building Code
Acceptance No 19-1205.07
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

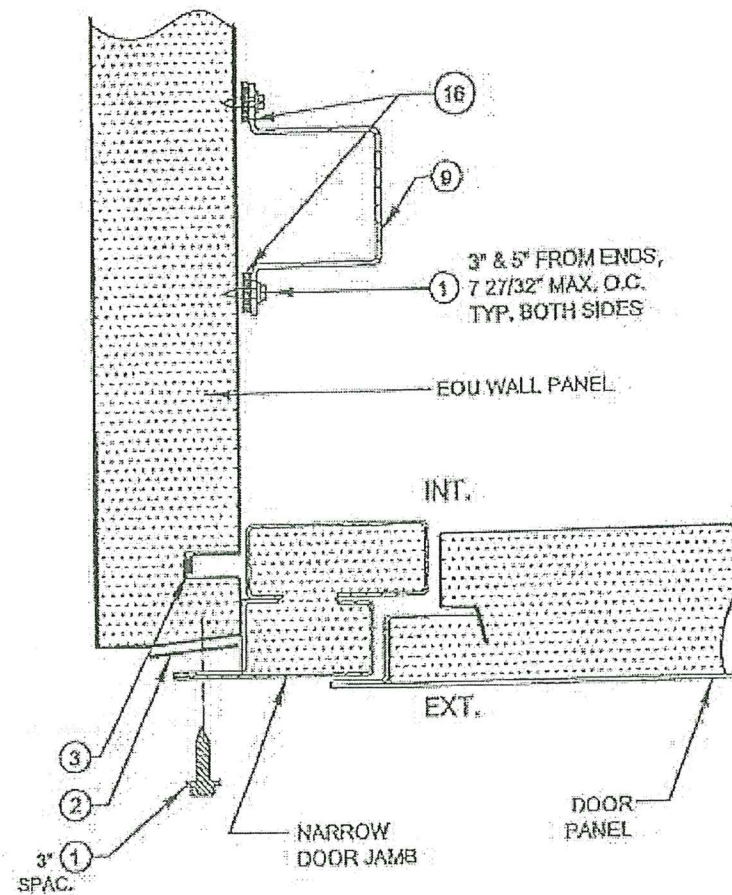
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1120.74
Expiration Date 01/05/2017
By *Healy A. Miller*
Miami Dade Product Control

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Florida Building Code
Date 12/13/2013
NOA# 12-0629.01
Miami Dade Product Control
By *Healy A. Miller*

Scott Wolters
SCOTT WOLTERS
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5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING#	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	25 OF 46	SECTION			MOCK UP/PG SHEET REF.	SCALE: NTS	DATE: 16-SEP-2013
					2, 4, 5 OF 19		

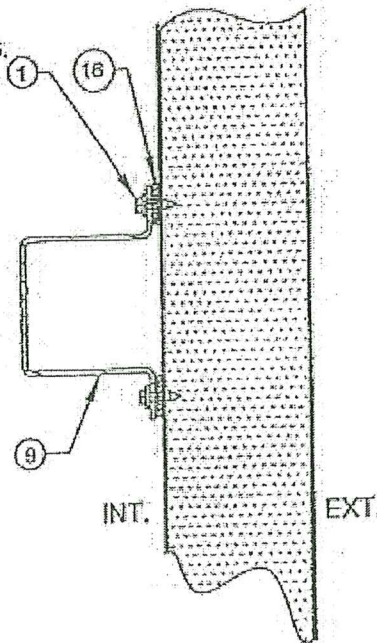
PIPE CABINET DETAILS



DETAIL P1: DOOR TO EOU

PRODUCT RENEWED
as complying with the Florida
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Expiration Date 01/05/2027
By *Healy A. Miller*
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3\" & 5\" FROM ENDS,
7 27/32\" MAX. O.C.
TYP. BOTH SIDES



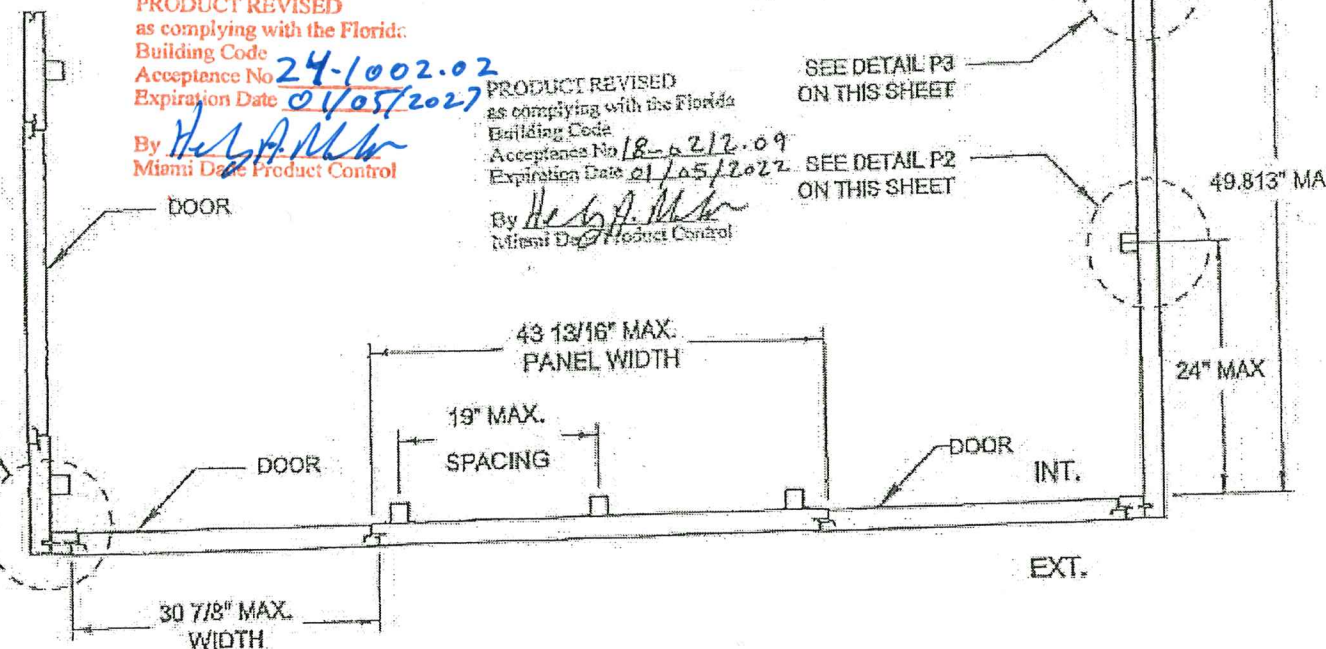
DETAIL P2: HAT CHANNEL TO WALL

PRODUCT REVISED
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Building Code
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By *Healy A. Miller*
Miami Dade Product Control

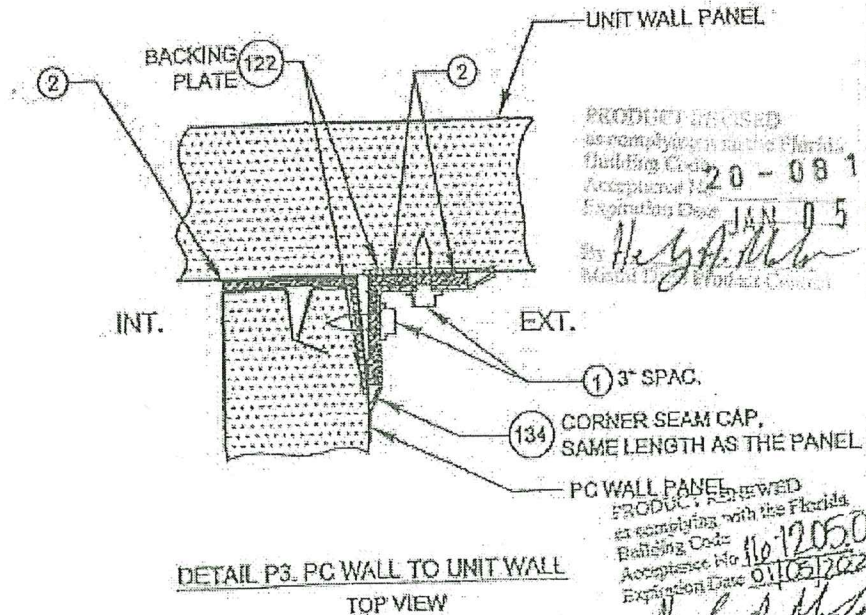
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

SEE DETAIL P3
ON THIS SHEET

SEE DETAIL P2
ON THIS SHEET



PC VERTICAL SECTIONS



DETAIL P3: PC WALL TO UNIT WALL
TOP VIEW

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as complying with the Florida
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Acceptance No. 20-0810.10
Expiration Date 01/05/2022
By *Healy A. Miller*
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as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Healy A. Miller*
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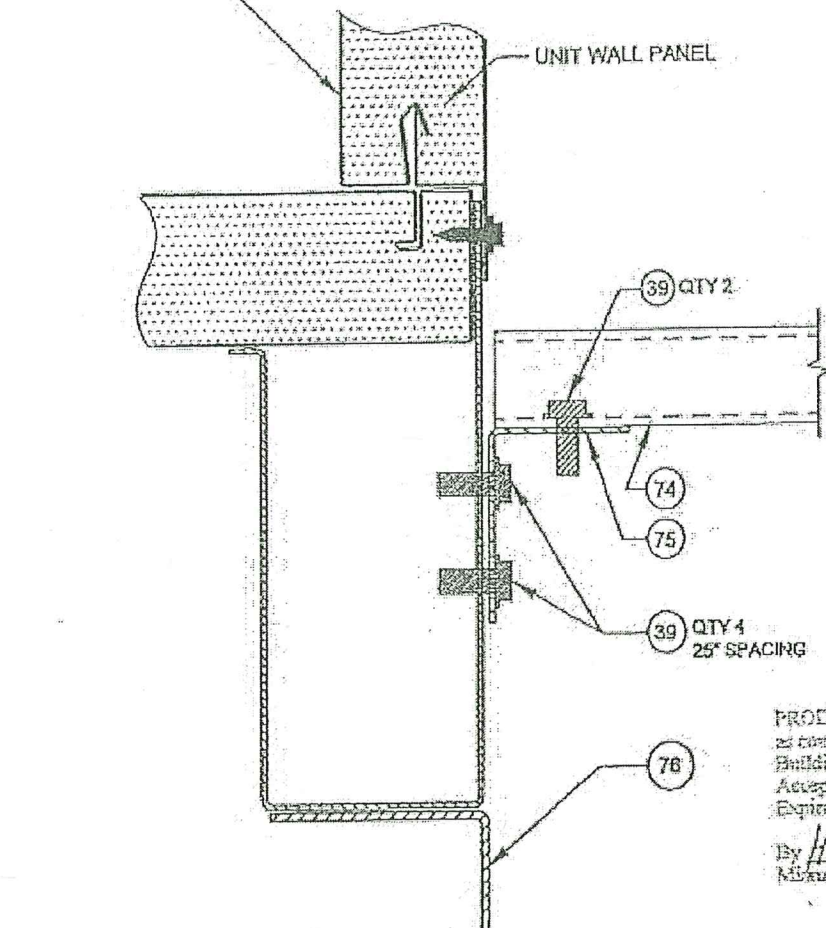
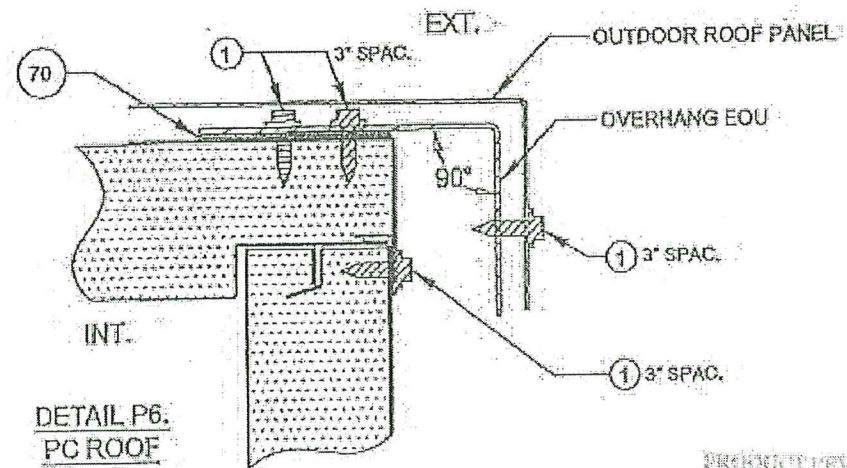
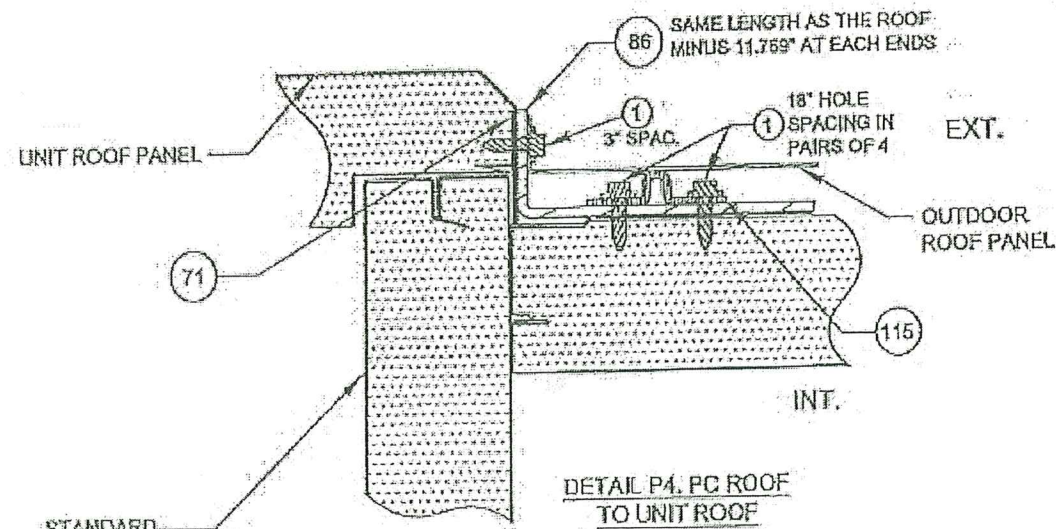
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 17-0624.01
Miami Dade Product Control
By *Healy A. Miller*

Scott Walters
SCOTT WALTERS
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5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2013

NOTES:
1. DOORS ARE OPTIONAL.

DRAWING # AIRS0705 SHEET 26 OF 46	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
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PIPE CABINET DETAILS

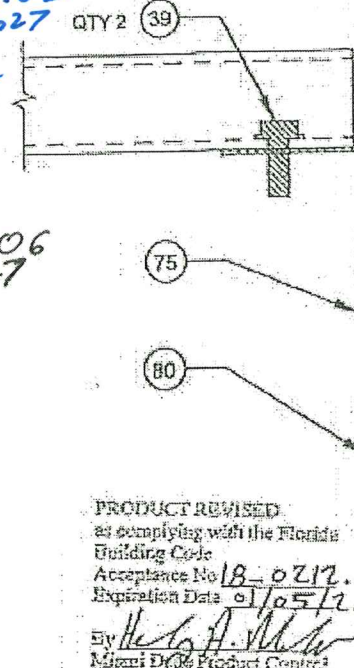


PC HORIZONTAL SECTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002.02
Expiration Date 01/05/2027
By H. A. Miller
Miami Data Product Control

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Acceptance No 21-0628.06
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PRODUCT RENEWED
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Building Code
Acceptance No 16-1250
Expiration Date 01/05/2022
By H. A. Miller
Miami Data Product Control

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By H. A. Miller
Miami Data Product Control

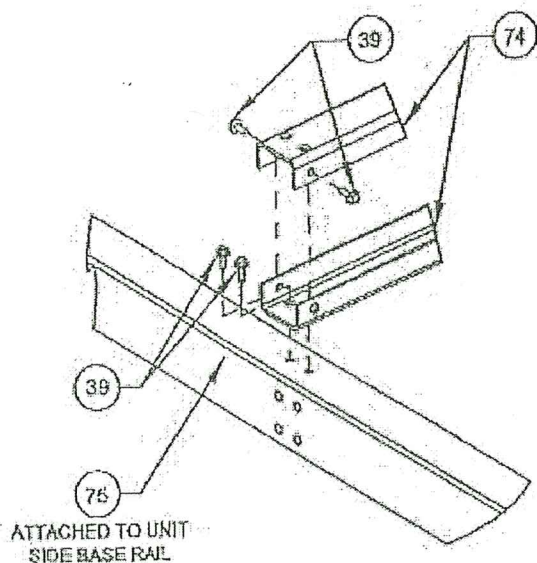
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 17-0629.01
Miami Data Product Control
By H. A. Miller

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING #	AIRO705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCCLOSKEY K.YUWARAJA	REV.	A
SHEET	27 OF 46	SECTION		MOCK UP/DWG SHEET REF:	4, 11-13 OF 19	SCALE:	NTS
						DATE	16-SEP-2013

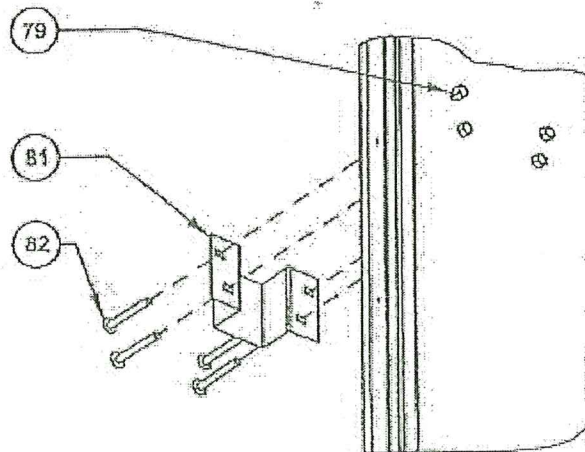
TRANE
US Inc.

PIPE CABINET DETAILS



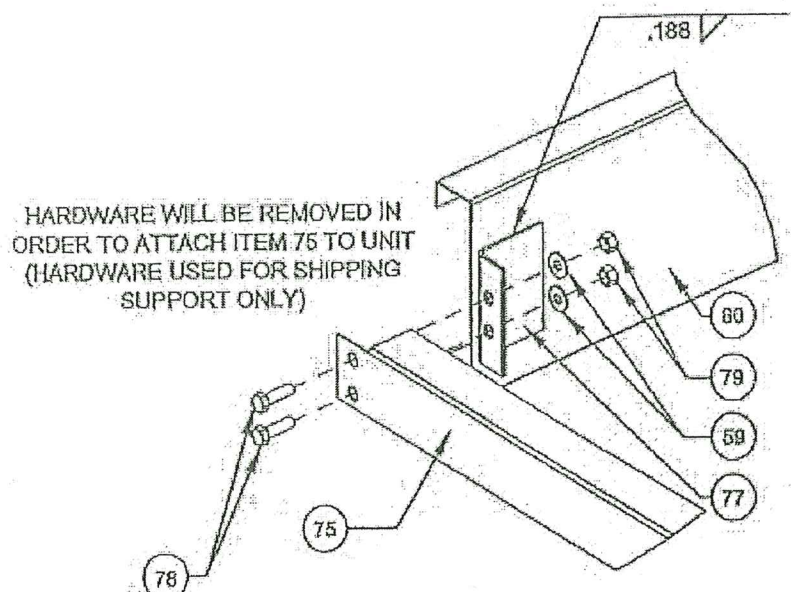
DETAIL P8. MULLION ASSEMBLY ATTACHMENT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control



DETAIL P10. CHAIN GUIDE/GUARD ATTACHMENT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN-05-2022
By *Healy A. Miller*
Miami Dade Product Control

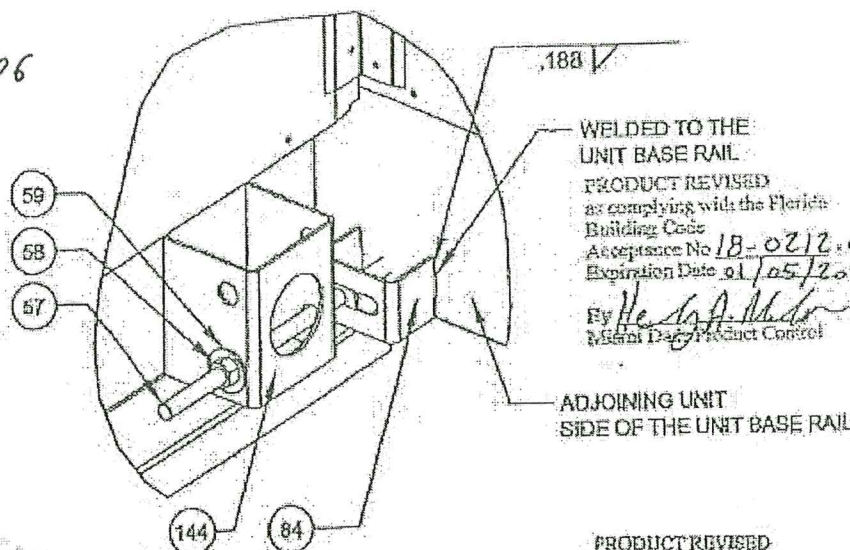


HARDWARE WILL BE REMOVED IN
ORDER TO ATTACH ITEM 75 TO UNIT
(HARDWARE USED FOR SHIPPING
SUPPORT ONLY)

ITEM 78, 59, 79 AND 80 NOT
USED WHEN PIPE CABINET
INSTALLED TO THE UNIT

DETAIL P9. SHIPPING CORNER

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control



DETAIL P11. LUG CONNECTION

WELDED TO THE
UNIT BASE RAIL
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control

ADJOINING UNIT
SIDE OF THE UNIT BASE RAIL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Healy A. Miller*
Miami Dade Product Control

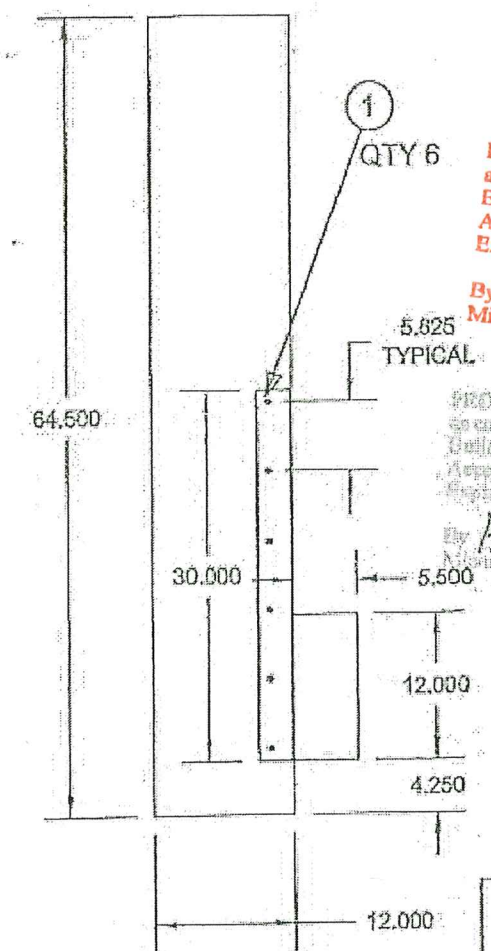
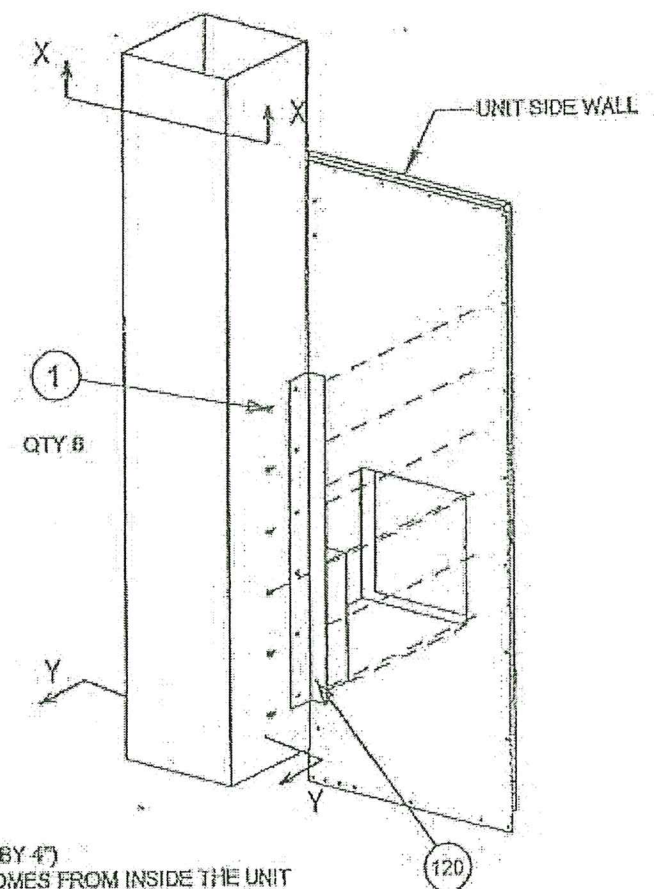
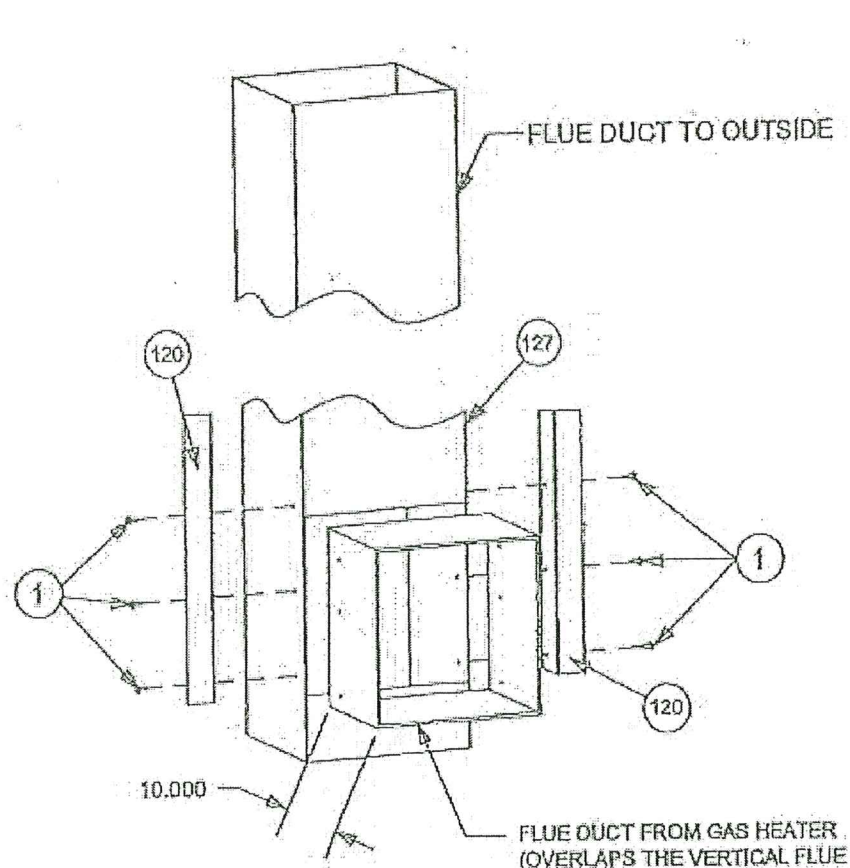
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1205.02
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 12-0629.01
Miami Dade Product Control
By *Healy A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COAH# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2011

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET	28 OF 49	SECTION			MOCK UP/OW'S SHEET REF:	SCALE: NTS	DATE 16-SEP-2013
					3, 6 OF 19		

GAS HEAT FLUE DUCT DETAILS (TESTED WITH SIZE 50)



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **21-0624.06**
Expiration Date **04/05/2027**
By *Hely A. Mohr*
Miami Dade Product Control

FLUE DUCT FROM GAS HEATER
(OVERLAPS THE VERTICAL FLUE DUCT BY 4")
FLUE DUCT FROM THE GAS HEATER COMES FROM INSIDE THE UNIT
AND IT IS ATTACHED TO THE VERTICAL FLUE DUCT, ITEM 120
ATTACHED TO THE FLUE DUCT AND THE UNIT SIDE WALL.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **19-1205.07**
Expiration Date **JAN 05 2022**
By *Hely A. Mohr*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **18-0212.09**
Expiration Date **01/05/2022**
By *Hely A. Mohr*
Miami Dade Product Control

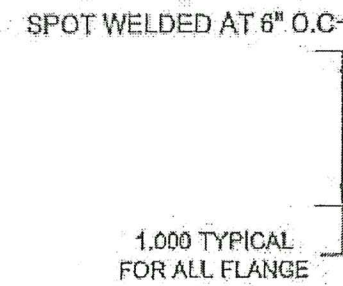
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **24-1002.02**
Expiration Date **01/05/2027**
By *Hely A. Mohr*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **20-0819.10**
Expiration Date **JAN 05 2022**
By *Hely A. Mohr*
Miami Dade Product Control

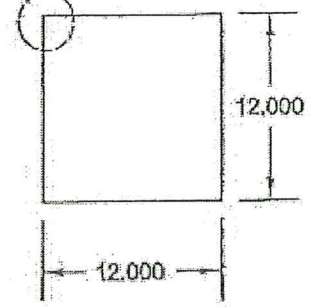
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **16-1205.08**
Expiration Date **01/05/2022**
By *Hely A. Mohr*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date **12/12/2013**
NOA# **12-0624.e1**
Miami Dade Product Control
By *Hely A. Mohr*

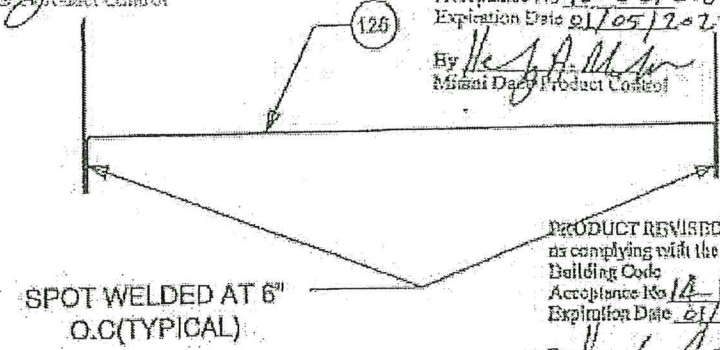
Scott Wolters
SCOTT WOLTERS
FL PE# 52354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2011



DETAIL A



SECTION X-X



SECTION Y-Y

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **14-1120.14**
Expiration Date **01/05/2017**
By *Hely A. Mohr*
Miami Dade Product Control

DRAWING # AIRS0705 SHEET 29 OF 46 SECTION	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY MOCKUP/OWG SHEET REF: 21 OF 63	BY: S.MCCLOSKEY ICYUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
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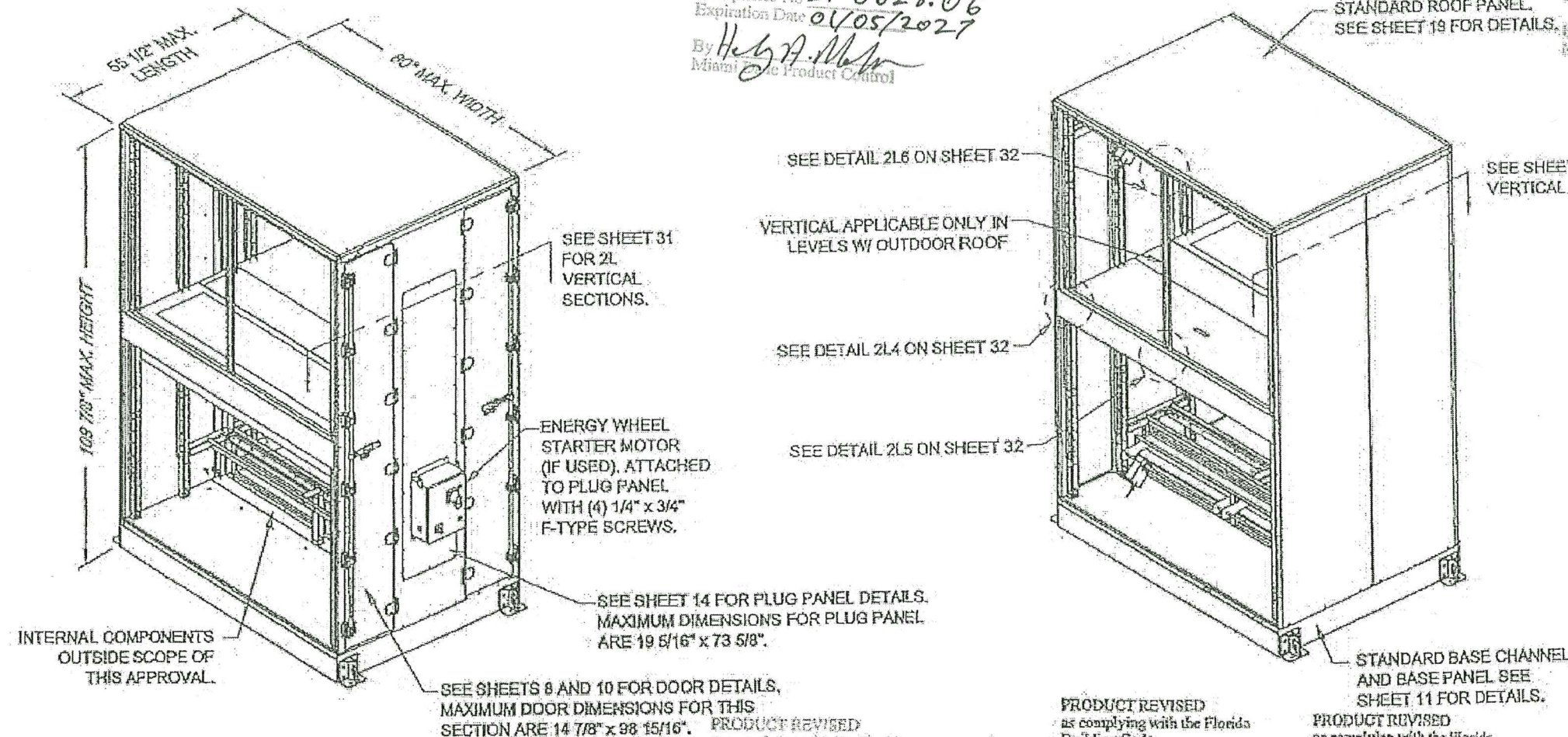
ENERGY WHEEL (SIZE 3-21) (SINGLE HEIGHT DOOR)

NOTES:
1. THIS ENERGY WHEEL SECTION IS COMMONLY REFERENCED AS 2-LEVEL SECTION, THUS THE INTERNAL COMPONENTS ARE NOT LIMITED TO ENERGY WHEEL APPLICATION PROVIDED THAT EXTERNAL STRUCTURE IS AS INDICATED HERE.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By H. G. A. Miller
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By H. G. A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By H. G. A. Miller
Miami Dade Product Control



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1205.02
Expiration Date 01/05/2022
By H. G. A. Miller
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 16-0624.01
Miami Dade Product Control
By H. G. A. Miller

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By H. G. A. Miller
Miami Dade Product Control

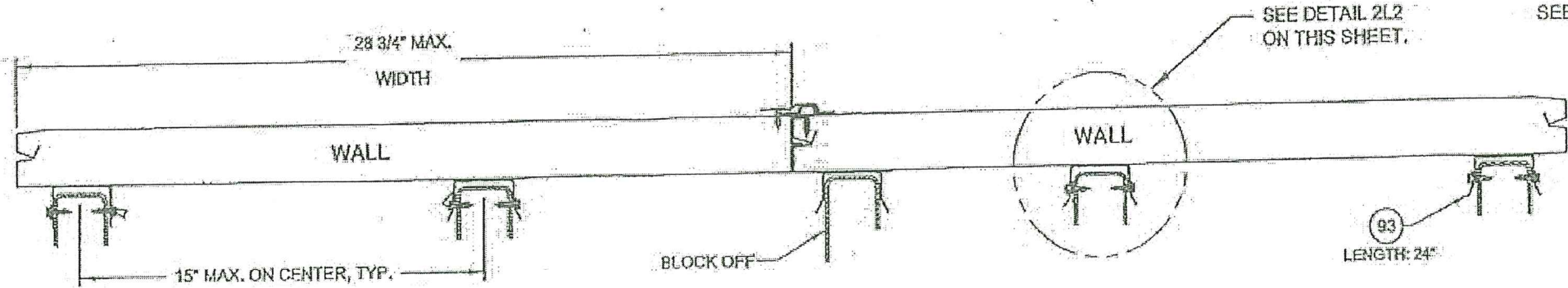
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-0212.09
Expiration Date 01/05/2022
By H. G. A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By H. G. A. Miller
Miami Dade Product Control

DRAWING #	AIRO705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV.	A
SHEET	30 OF 46	SECTION		MOCK UP/DWG SHEET REF:	3 OF 32	SCALE	NTS
						DATE	16-SEP-2013

TRANE
US Inc.

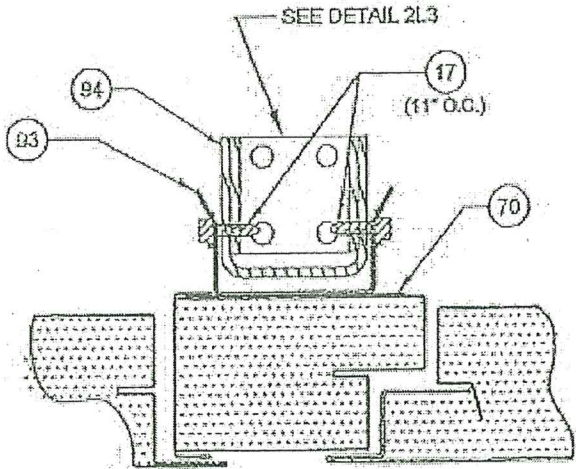
ENERGY WHEEL (SIZE 3-21)



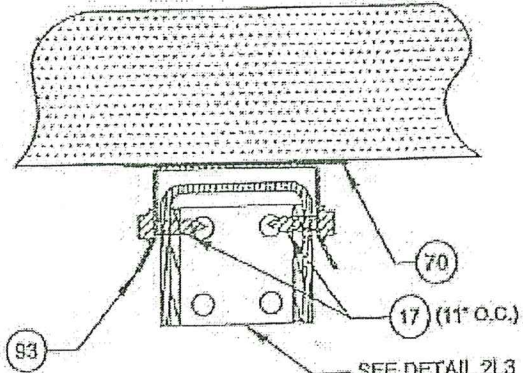
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *H. A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2021
By *H. A. Miller*
Miami Dade Product Control

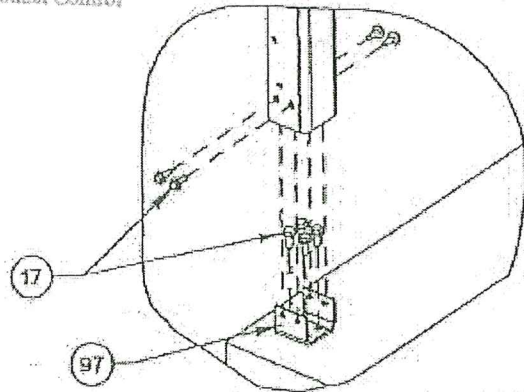
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *H. A. Miller*
Miami Dade Product Control



DETAIL 2L1



DETAIL 2L2

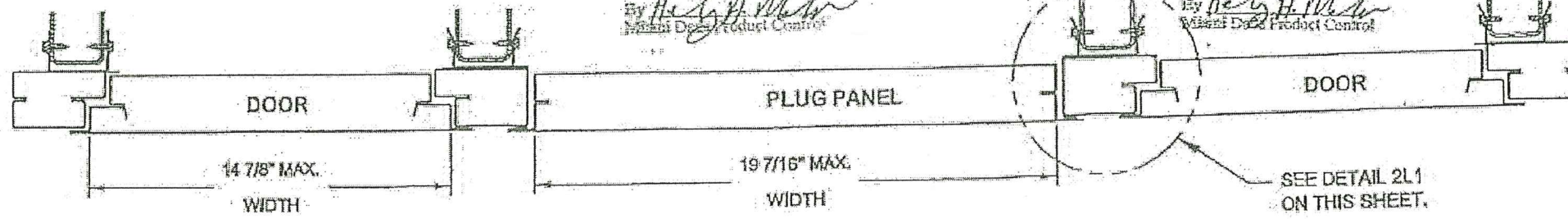


DETAIL 2L3

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *H. A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 161005.02
Expiration Date 01/05/2022
By *H. A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2018
NOAH 12-0629.01
Miami Dade Product Control
By *H. A. Miller*



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *H. A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *H. A. Miller*
Miami Dade Product Control

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 7 2015

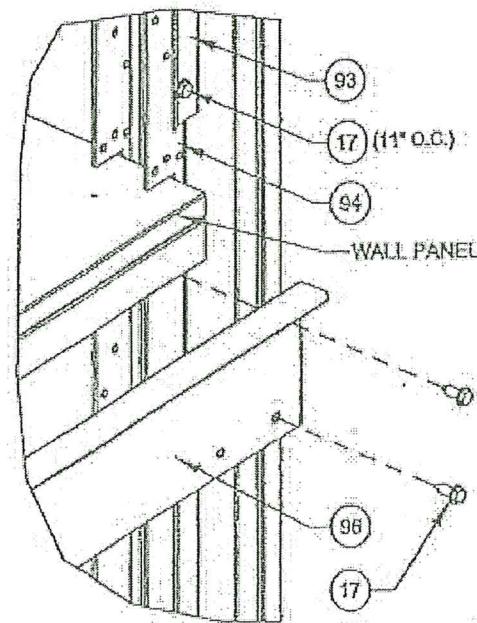
DRAWING # AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY —		BY: S. MCCLOSKEY K. YUVARAJA	REV. A
SHEET 31 OF 46	SECTION			MOCK UP/DWG SHEET REF:	17 OF 32	SCALE NTS	DATE 16-SEP-2013

ENERGY WHEEL

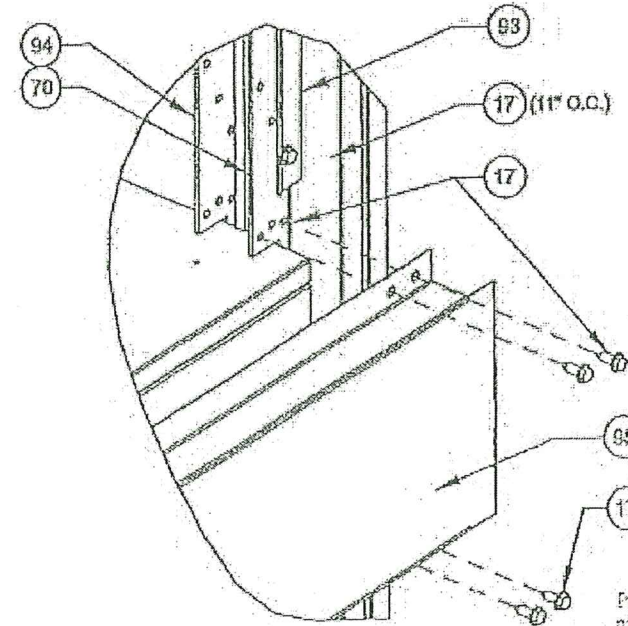
(SIZE 3-21)

INTERNAL STRUCTURE SAME AS SIZE 50, SEE PAGES 35-38

STEP 1



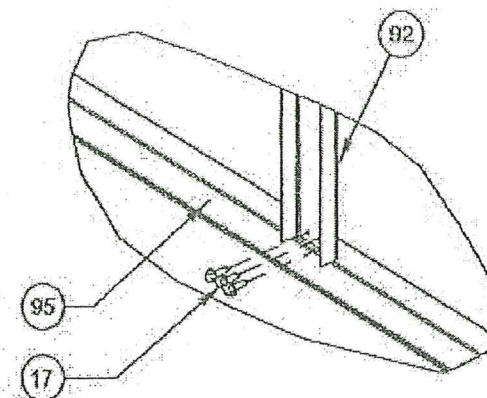
STEP 2



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0619.10
Expiration Date 01/05/2022
By *Hedy A. Miller*
Miami Dade Product Control

DETAIL 2L4

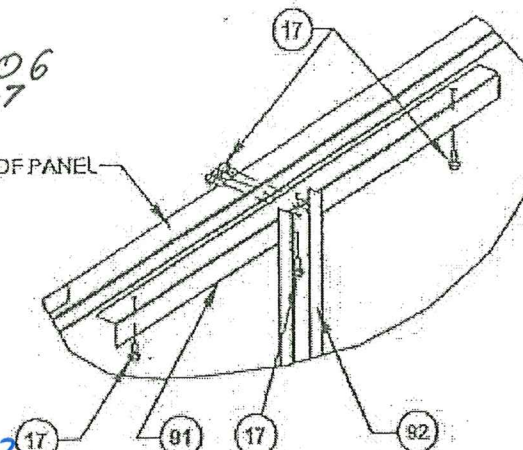
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Hedy A. Miller*
Miami Dade Product Control



DETAIL 2L5

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Hedy A. Miller*
Miami Dade Product Control

ROOF PANEL



DETAIL 2L6

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date 01/05/2022
By *Hedy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Hedy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1120.14
Expiration Date 01/05/2017
By *Hedy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-0852.02
Expiration Date 01/05/2022
By *Hedy A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 12-0629.01
Miami Dade Product Control
By *Hedy A. Miller*

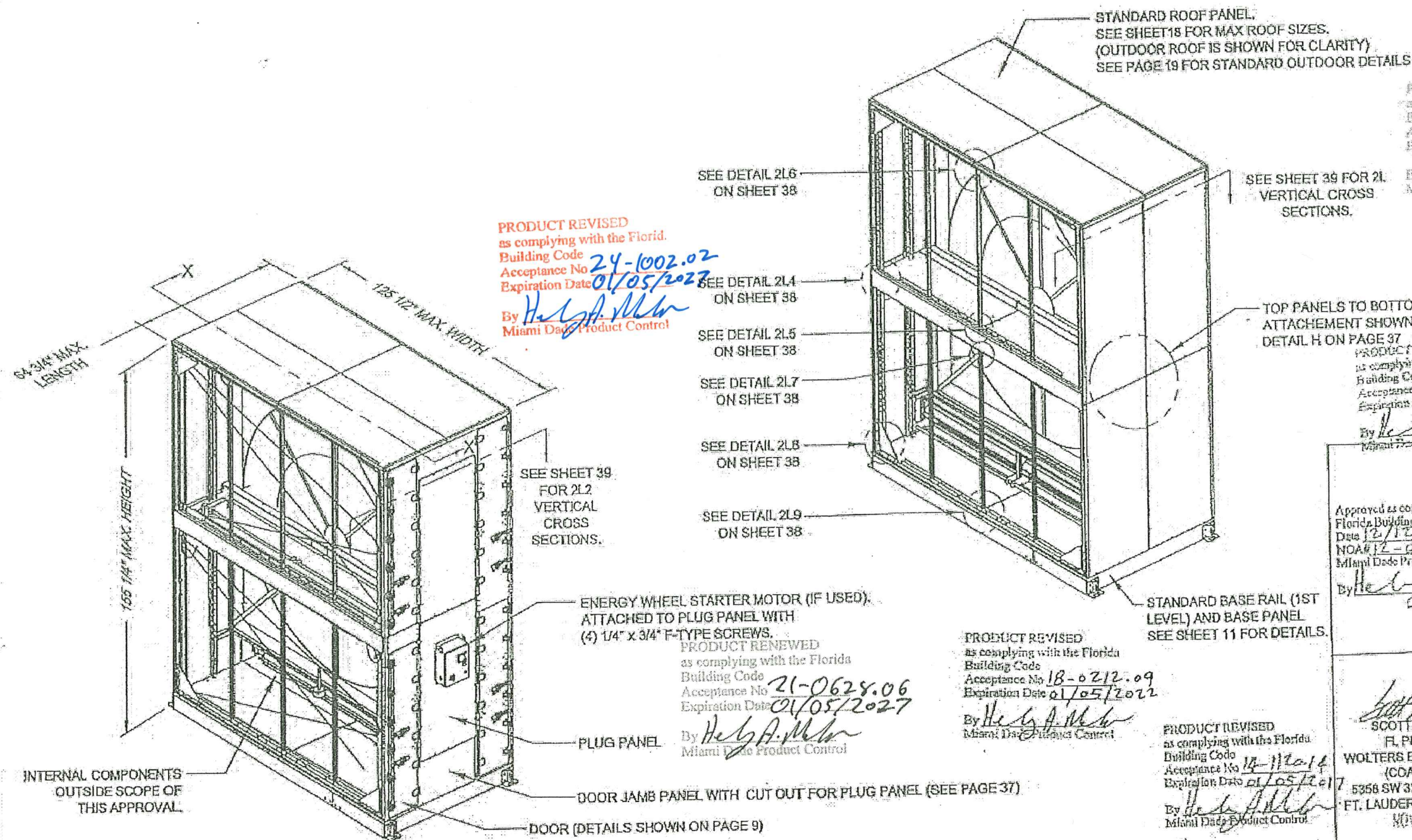
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COAH 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25, 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	32 OF 46	SECTION			NOCK UP/DWS SHEET REF: 2 OF 53	SCALE: NTS	DATE 16-SEP-2013

ENERGY WHEEL (SIZE 25-30)

NOTES:
1. THIS ENERGY WHEEL SECTION IS COMMONLY REFERENCED AS 2-LEVEL SECTION, THUS THE INTERNAL COMPONENTS ARE NOT LIMITED TO ENERGY WHEEL APPLICATION PROVIDED THAT EXTERNAL STRUCTURE IS AS INDICATED HERE.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Healy A. Miller*
Miami Dade Product Control



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10120502
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/15/2013
NOA# 12-0619.01
Miami Dade Product Control
By *Healy A. Miller*

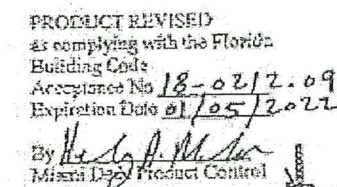
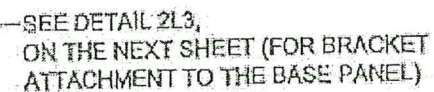
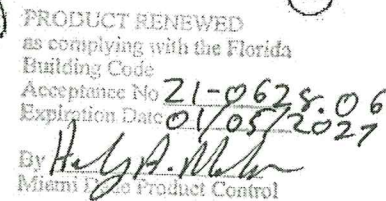
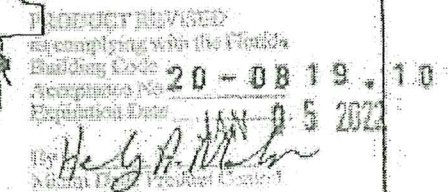
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1101.14
Expiration Date 01/05/2017
By *Healy A. Miller*
Miami Dade Product Control

Scott Walters
SCOTT WALTERS
FL PE# 62364
WALTERS ENGINEERING, INC.
(COA# 27184)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
(954) 255-1011

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	33 OF 46	SECTION			MOCK UP/DWG SHEET REF: 3 OF 35	SCALE: NTS	DATE: 16-SEP-2013

NOTES:
1. HERE WE ARE SHOWING VERTICAL CROSS SECTIONS (TOP VIEW) TO SHOW THE PANEL IN WIDTH AND VERTICAL CHANNEL ATTACHMENT TO SLIP FIT CHANNEL AND TO SIDE WALL.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120-14
Expiration Date 01/15/2017
By *[Signature]*
Miami Dade Product Control

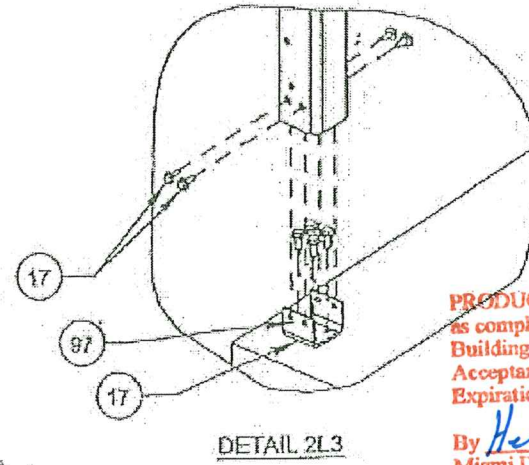
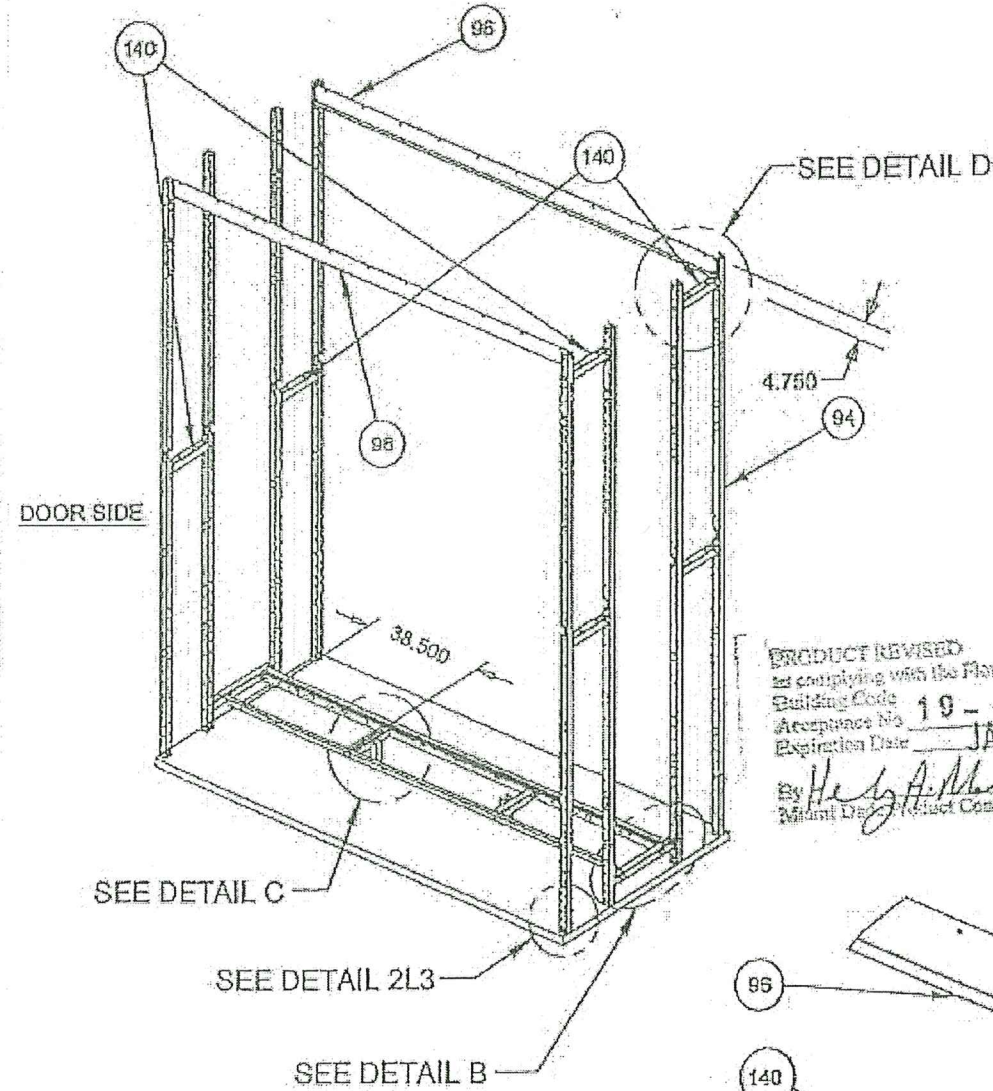
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629-01
Miami Code Project Control
By H. A. A. A.

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
407 257 7613

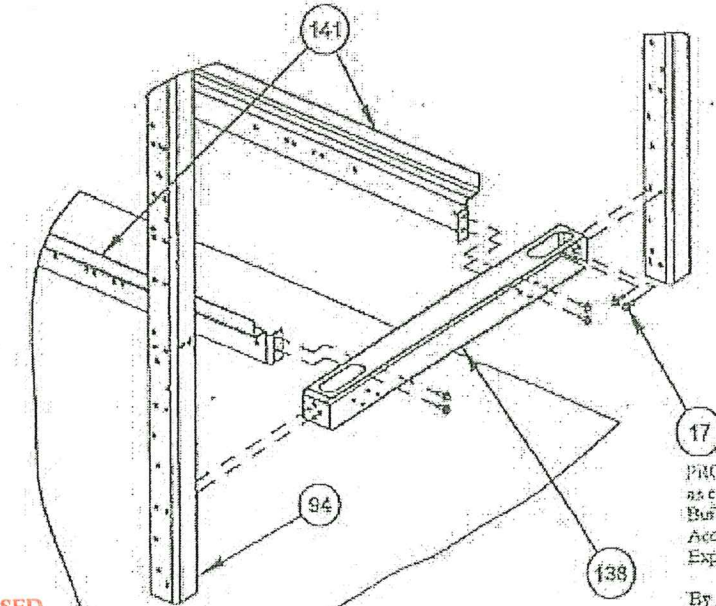
DRAWING #		DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	A
SHEET	SECTION				MOCKUP/DWG SHEET REF:	SCALE: NTS	DATE: 16-SEP-2013
AIRS0705					6, 7, 17 OF 35		
34 OF 46							

ENERGY WHEEL INTERNAL STRUCTURE CONSTRUCTION.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 01/05/2027
By Helga A. Miller
Miami Data Product Control



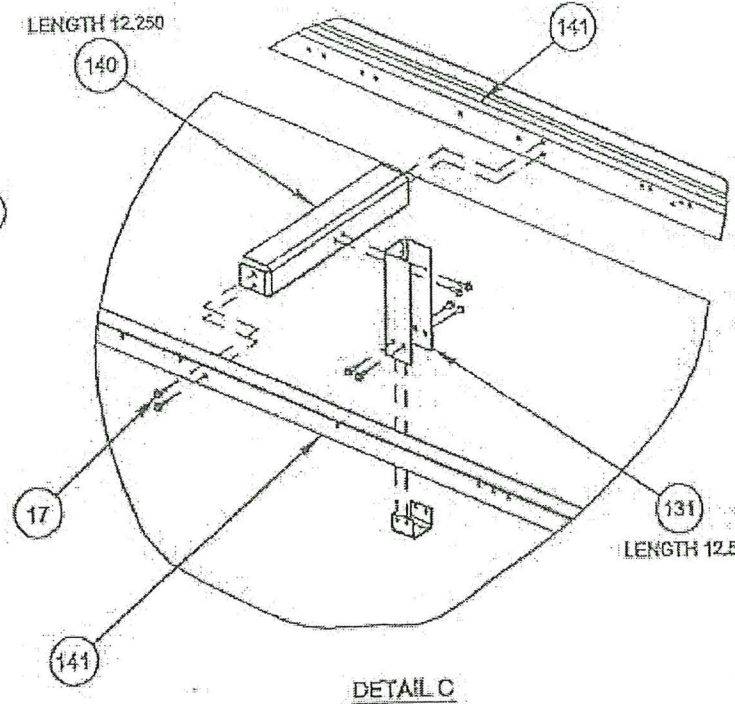
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 24-1002.02
Expiration Date 01/05/2023
By Helga A. Miller
Miami Data Product Control



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 16-1205.02
Expiration Date 01/05/2022
By Helga A. Miller
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1120.14
Expiration Date 01/05/2017
By Helga A. Miller
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 19-1205.07
Expiration Date JAN 05 2022
By Helga A. Miller
Miami Data Product Control



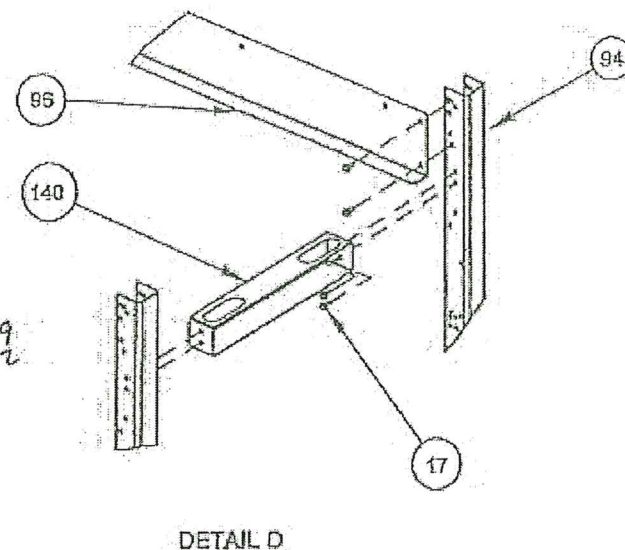
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0628.01
Miami Data Product Control
By Helga A. Miller

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 21 2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By Helga A. Miller
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 18-0212.09
Expiration Date 01/05/2022
By Helga A. Miller
Miami Data Product Control

NOTES:
1. ALL OF THESE STRUCTURES ATTACHED WITH ITEM 17.



DRAWING # AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET 35 OF 46	SECTION			MOCK UP/DWG SHEET REF: 7 OF 35	SCALE: NTS	DATE 16-SEP-2013

ENERGY WHEEL SEPTUM INSTALLATION (PARTS ARE EXPLODED FOR CLARITY)

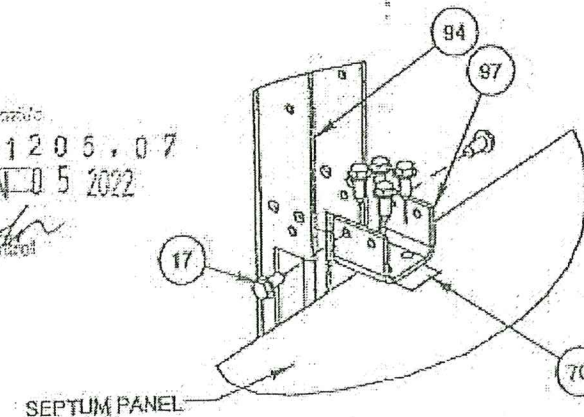
NOTES:

1. ALL OF THESE STRUCTURES ATTACHED WITH ITEM 17.
2. L SECTION HAS ROOF PANELS AND BASE PANELS, AND IN BETWEEN THERE ARE FOAMED PANELS DIVIDES THE AIR FLOW, WHICH ARE CALLED SEPTUM PANELS.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **21-0629.06**
Expiration Date **01/05/2027**
By *H. G. A. Miller*
Miami Dade Product Control

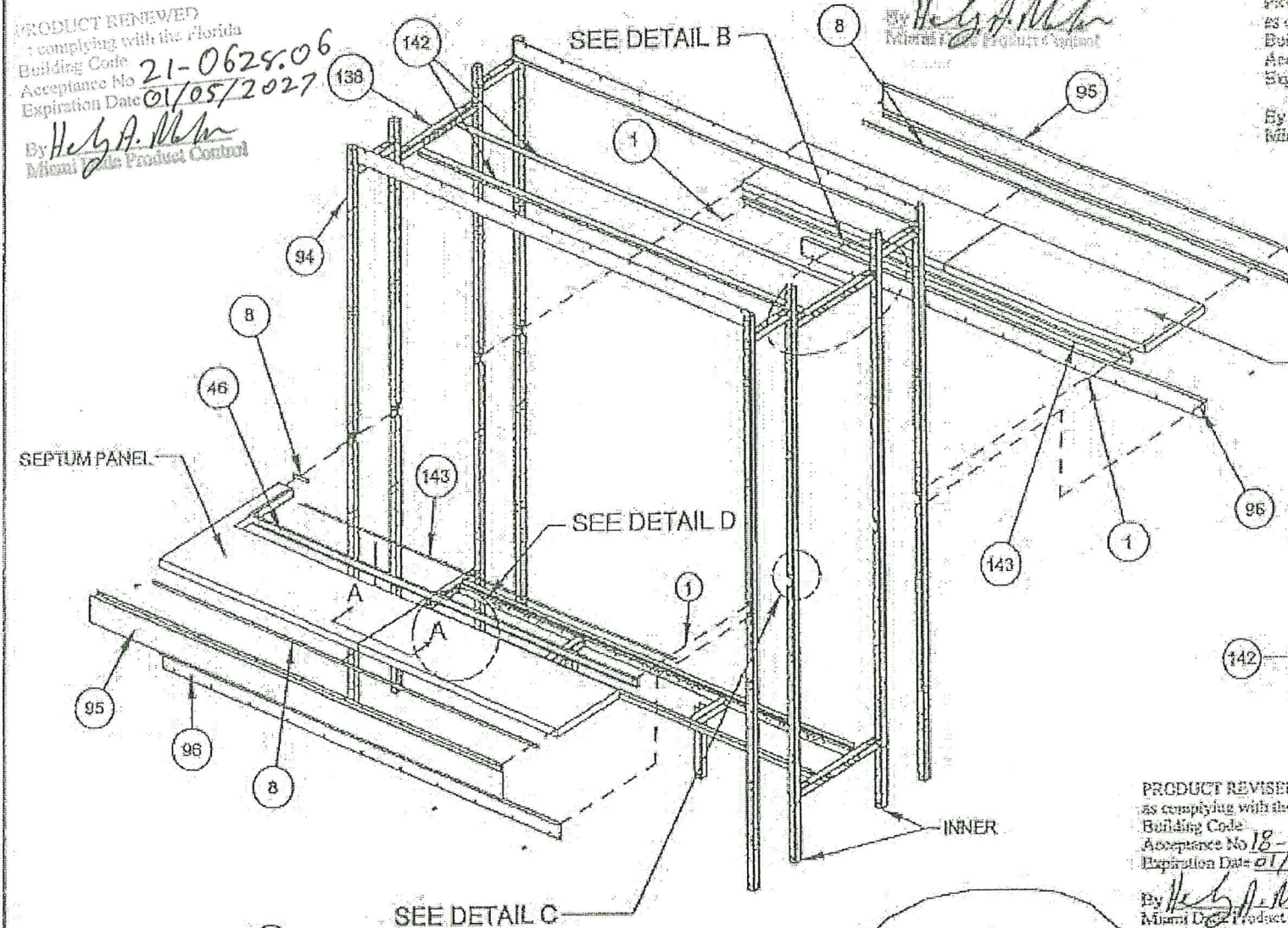
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **20-0819.10**
Expiration Date **JAN 05 2022**
By *H. G. A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **19-1205.07**
Expiration Date **JAN 05 2022**
By *H. G. A. Miller*
Miami Dade Product Control



DETAIL C

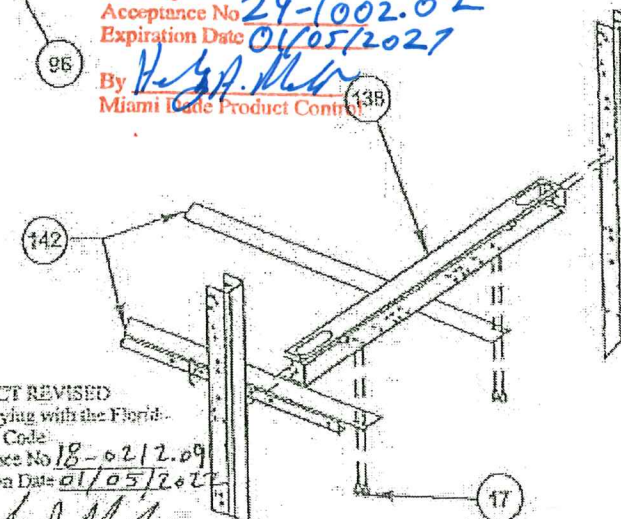
NOTE:
APPLICABLE TO INNER 4 VERTICAL CHANNEL ONLY



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **24-1002.02**
Expiration Date **01/05/2027**
By *H. G. A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **16-1205.02**
Expiration Date **01/05/2022**
By *H. G. A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **18-0212.09**
Expiration Date **01/05/2027**
By *H. G. A. Miller*
Miami Dade Product Control

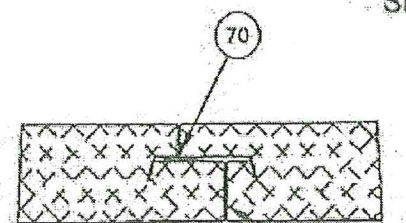


DETAIL B

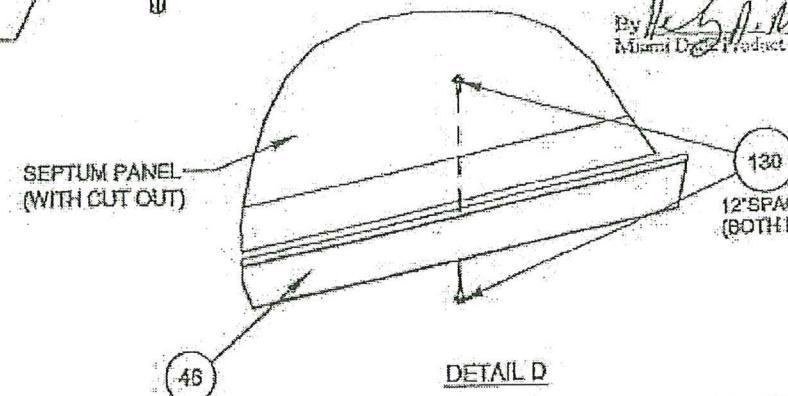
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No **10-1120.14**
Expiration Date **01/05/2017**
By *H. G. A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Data **12/12/2013**
NOA **12-0629.01**
Miami Dade Product Control
By *H. G. A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
(954) 733-1011



SECTION A-A



DETAIL D

DRAWING # AIRS0705 SHEET 36 OF 46	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY MOCK UP/DWG SHEET REF: 90F 35	BY: S. MCCLOSKEY K. YUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
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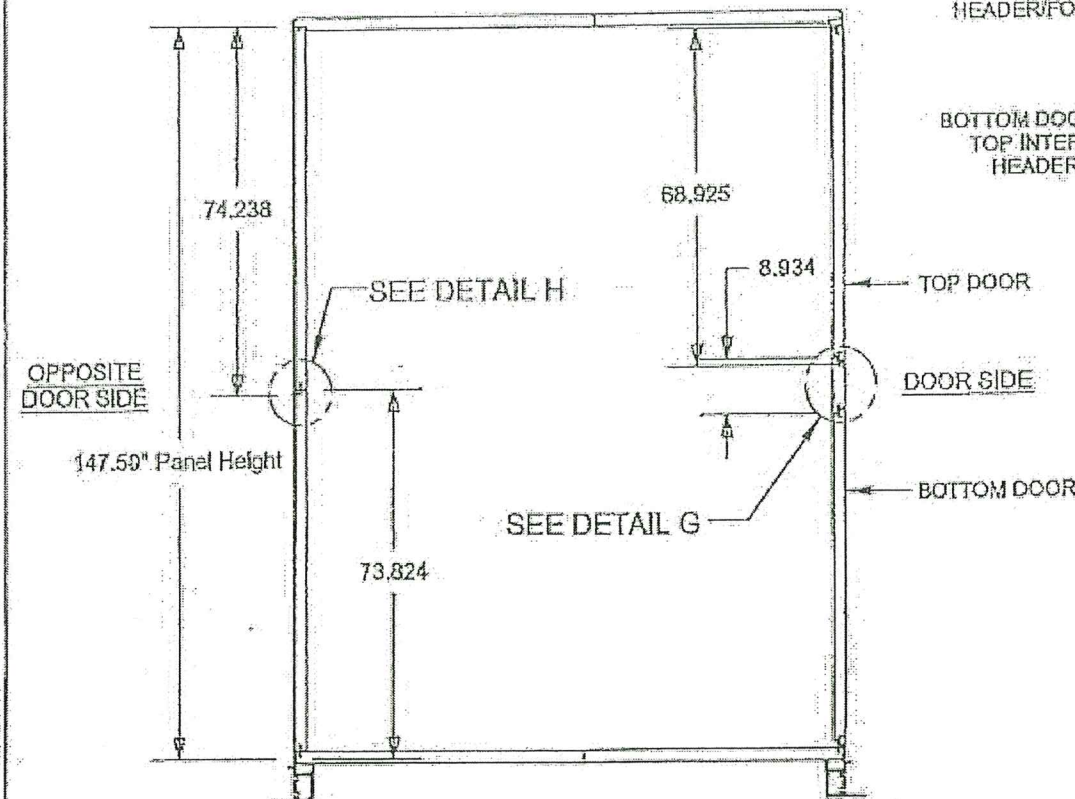
ENERGY WHEEL CROSS SECTION X-X

FROM PAGE 33

(Foam Panel only- Corner Cross Sections are the same as typical base and foamed roof corners of 1st level AHU, See page 5)

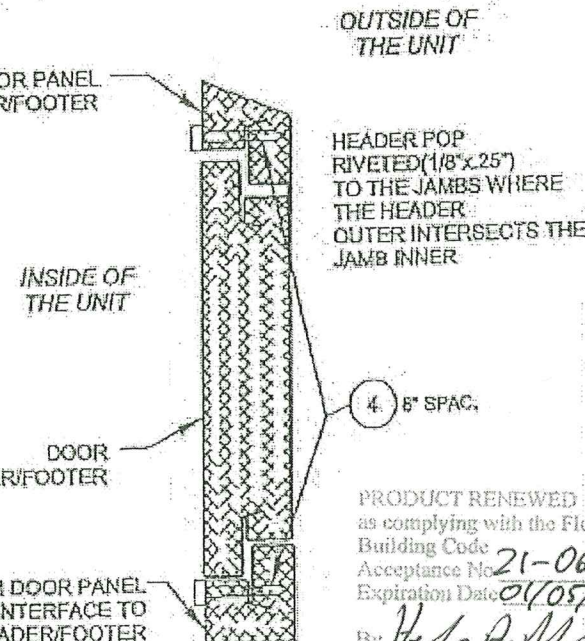
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0319.10
Expiration Date JAN 05 2022
By *Hely A. Miller*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Hely A. Miller*
Miami Data Product Control

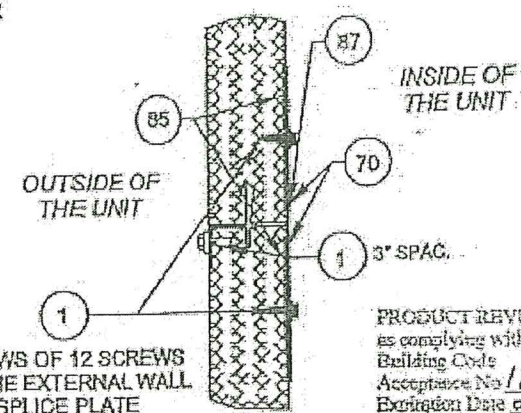


SECTION VIEW X-X

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Hely A. Miller*
Miami Data Product Control



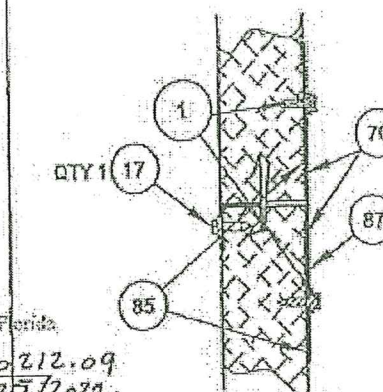
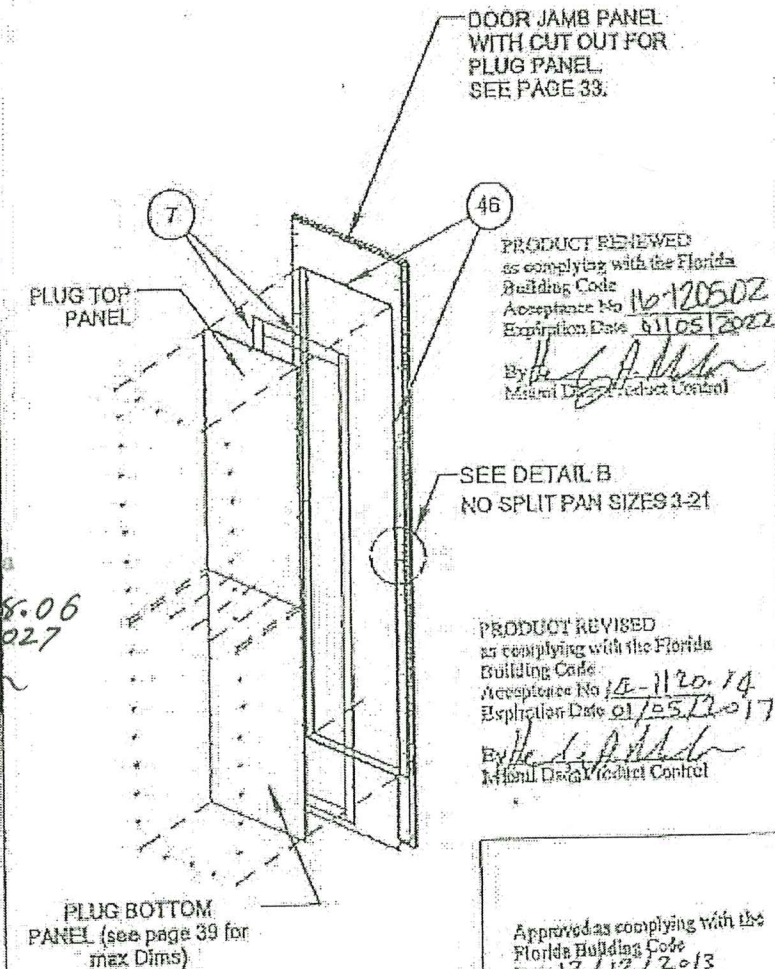
DETAIL G
(NOT RELEVANT TO SIZE 3-21)



DETAIL H
(NOT RELEVANT TO SIZE 3-21)

ENERGY WHEEL PLUG PANEL INSTALL

SEE PAGE 33 DOOR SIDE



DETAIL B
(NOT RELEVANT TO SIZE 3-21)

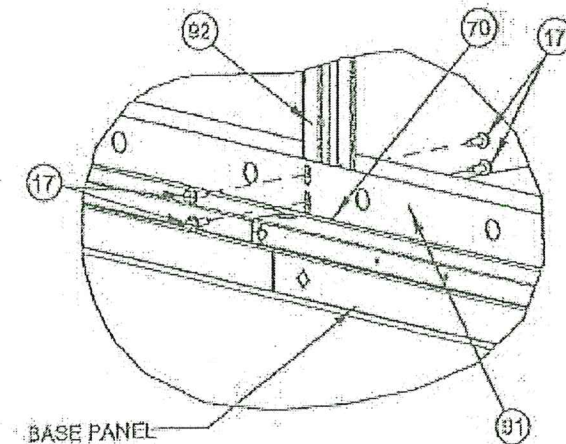
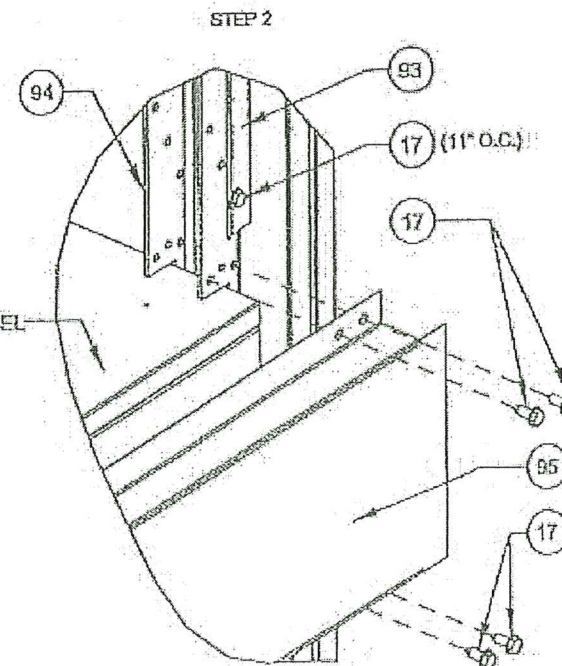
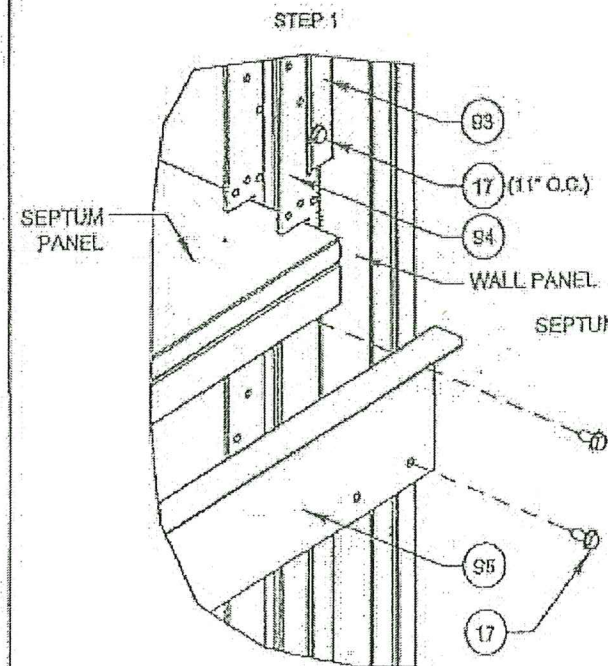
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0628.01
Miami Data Product Control
By *Hely A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PER 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
6358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2015

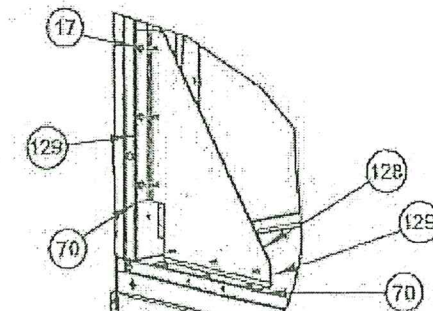
DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCOLOSKEY K.YUVARAJA	REV. A
SHEET	37 OF 49	SECTION			MOCK UP/DWG SHEET REF:	SCALE: NTS	DATE: 16-SEP-2013
					20, 23 OF 35		

ENERGY WHEEL SHIPPING SPLIT DETAILS

REFER TO PAGE 33



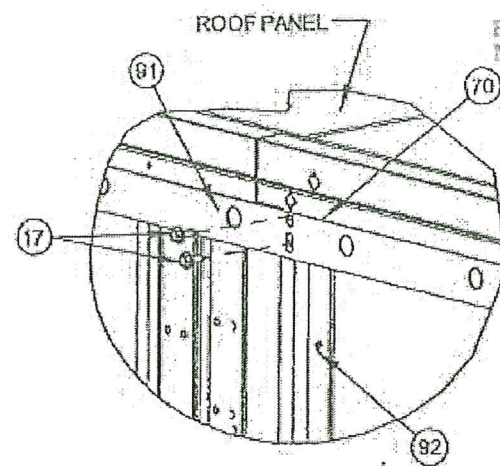
DETAIL 2L9



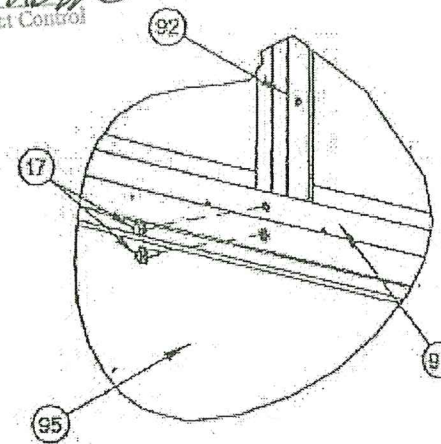
DETAIL 2L8

DETAIL 2L4

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Heidi A. Miller*
Miami Data Product Control

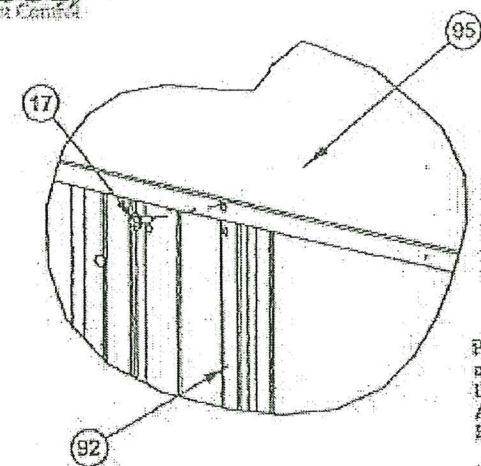


DETAIL 2L6



DETAIL 2L5

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Data Product Control



DETAIL 2L7

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Data Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1205.08
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Data Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Data Product Control

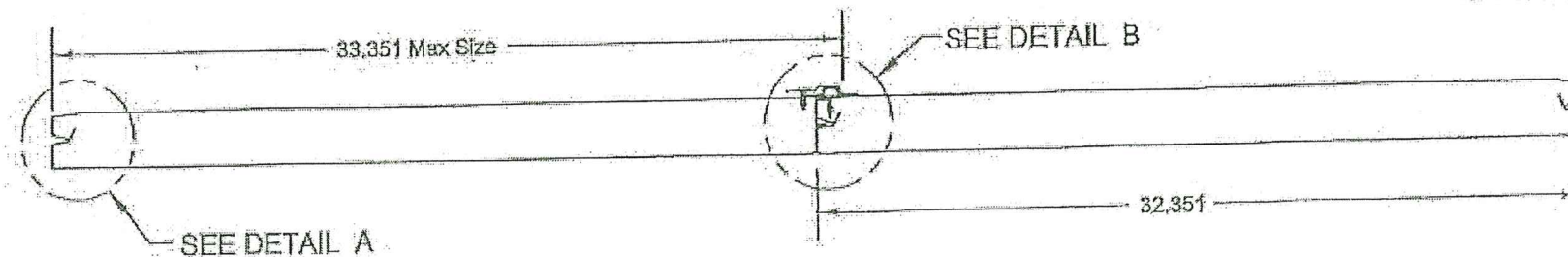
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0628.01
Miami Data Product Control
By *Heidi A. Miller*

Scott Walters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

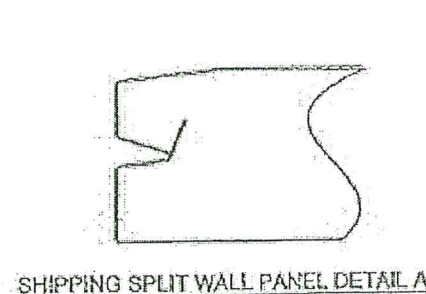
DRAWING #		DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	S.MCCLOSKEY K.YUVARAJA	A
SHEET	SECTION				MOCK UPS SHEET REF:	SCALE	DATE
38 OF 46				12, 15 OF 35	NTS	15-SEP-2013	

ENERGY WHEEL SIDE WALL DETAILS (Vertical Cross Sections)

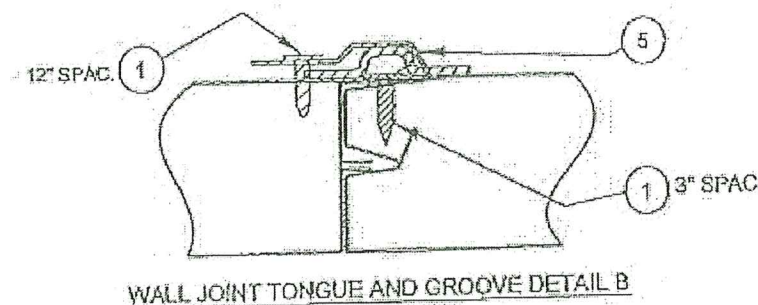
NOTES:
1. SHOWING TOP VIEW FOR PANEL JOIN AND DIMENSIONS.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Hedy A. Miller*
Miami Dade Product Control



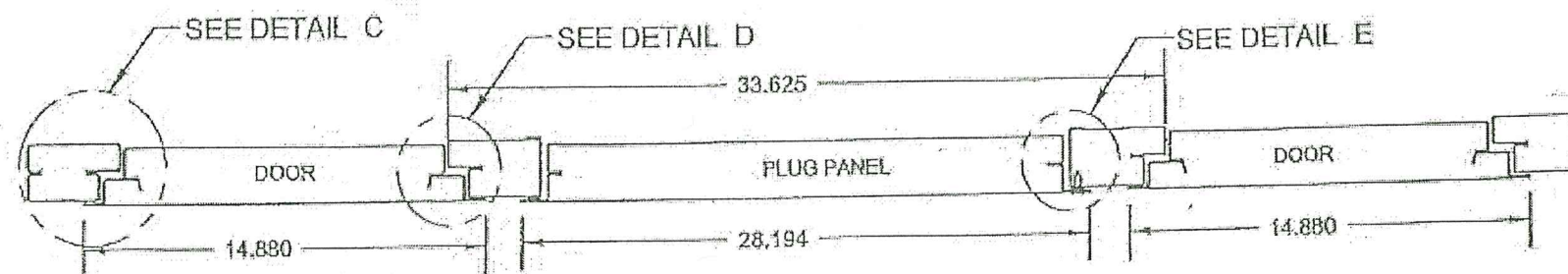
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Hedy A. Miller*
Miami Dade Product Control



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Hedy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2027
By *Hedy A. Miller*
Miami Dade Product Control

DETIAL 2L



DOOR HEIGHT IS 68.925
QTY OF 2

PLUG PANEL TOP PORTION (L=56.013)
PLUG PANEL BOTTOM PORTION (L=59.041)

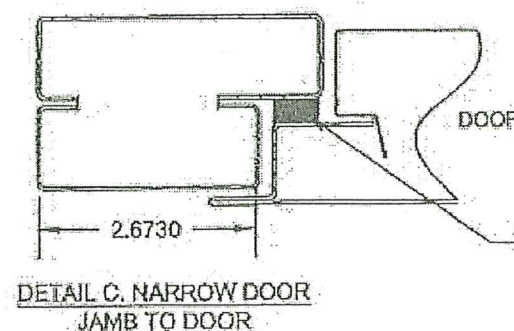
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Hedy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16120502
Expiration Date 01/05/2022
By *Hedy A. Miller*
Miami Dade Product Control

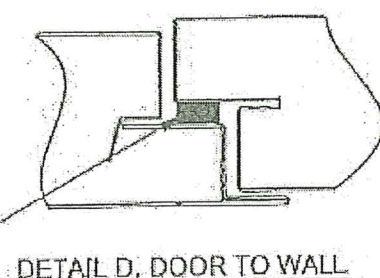
Approved as complying with the
Florida Building Code
Date 12/12/2018
NOA# 18-0629.01
By *Hedy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Hedy A. Miller*
Miami Dade Product Control

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5355 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
REV 2 - (01)

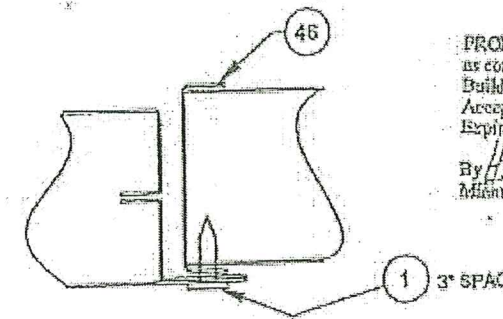


8



DETAIL D. DOOR TO WALL

DETIAL 2L2



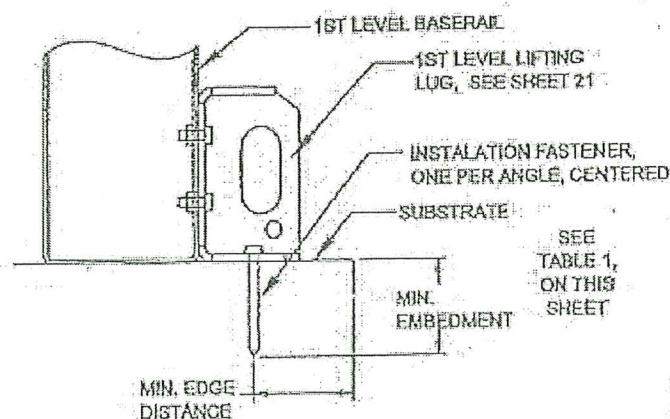
DETAIL E. PLUG
PANEL TO WALL

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV.	A
SHEET	39 OF 46	SECTION		MOCKUP/DWG SHEET REF	SCALE: NTS	DATE	16-SEP-2013
				16 OF 35			

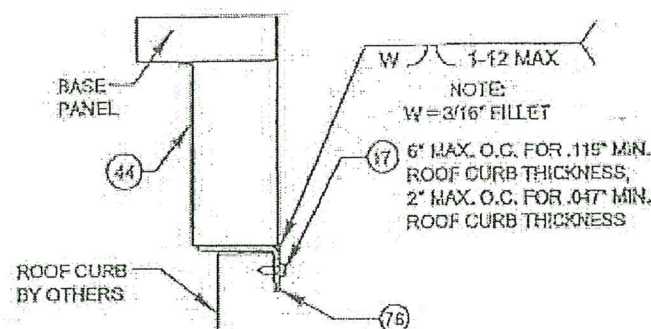
TRANE
US Inc.

NOTE:

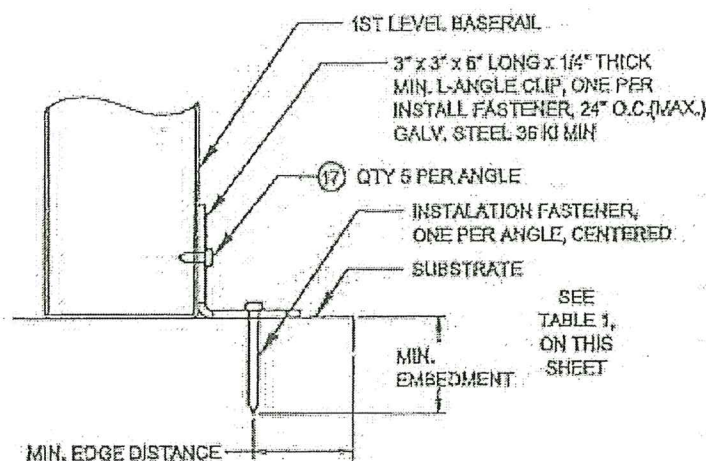
1. UNIT MAY BE INSTALLED ONTO CONCRETE (3.2 KSI MIN. COMPRESSIVE STRENGTH) OR 1/4" THICK STEEL (36 KSI MIN YIELD) SUBSTRATES WITH ANCHORS THROUGH LIFTING LUGS AND ANGLE CLIPS ATTACHED TO FIRST LEVEL BASE RAIL AS SHOWN IN THIS SHEET. UNIT MAY ALSO BE INSTALLED ONTO A 36KSI YIELD STEEL CURB BY OTHERS, WITH ITEM 17 SMS AS SHOWN IN DETAIL B. FOR PIPE CABINET ANCHORAGE SEE DETAILS P12 AND P13.



DETAIL A. TYPICAL ANCHORAGE AT LUGS



DETAIL B. TYPICAL INSTALLATION BASE RAIL TO CURB



DETAIL C. TYPICAL ANCHORAGE AT ANGLE CLIPS

STANDARD UNIT AND ENERGY WHEEL SECTIONS ANCHORAGE DETAILS

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. **21-0628.06**
Expiration Date **01/05/2022**
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **20-0219.10**
Expiration Date **JAN 05 2022**
By *Heidi A. Miller*
Miami Dade Product Control

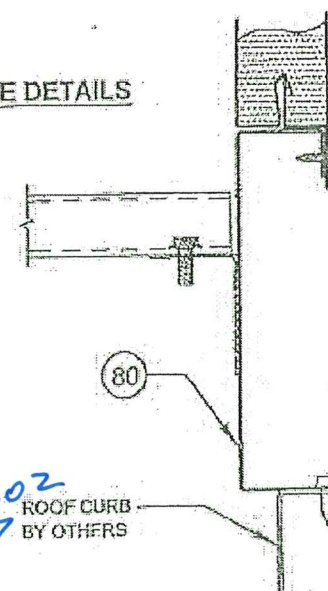
TABLE 1. INSTALLATION ANCHOR INFORMATION

ANCHOR / SUBSTRATE	MIN. EMBED.	MIN. EDGE DIST.
1/2" POWERS CHEM-STUD THREADED ROD INSTALLED WITH CHEM-STUD ADHESIVE CAPSULE IN 3.2 KSI MIN CONCRETE SUBSTRATE	1 1/2"	8"
1/2" HIL F-TYPE THREAD CUTTING SCREW INSTALLED IN 36 KSI MIN STEEL 1/4" THICK MIN. (FULL THREAD ENGAGEMENT)	1/4"	1 1/4"

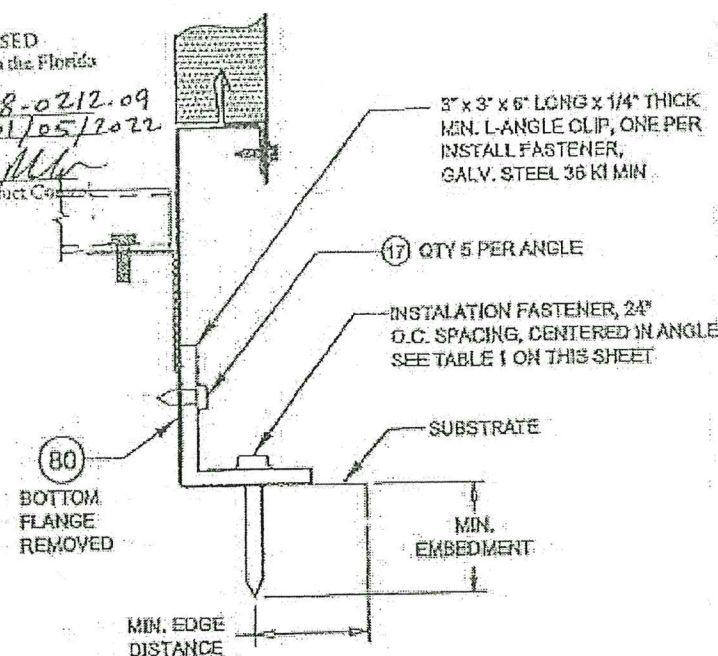
PIPE CABINET ANCHORAGE DETAILS

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **24-1002.02**
Expiration Date **01/05/2022**
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **18-0212.09**
Expiration Date **01/05/2022**
By *Heidi A. Miller*
Miami Dade Product Control



DETAIL P12. ANCHORAGE TO ROOF CURB



DETAIL P13. DIRECT ANCHORAGE TO SUBSTRATE

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **19-1205.07**
Expiration Date **JAN 05 2022**
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. **16-1205.02**
Expiration Date **01/05/2022**
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. **14-1120.14**
Expiration Date **01/05/2017**
By *Heidi A. Miller*
Miami Dade Product Control

Approved as complying with the Florida Building Code
Date **12/12/2013**
NOA# **17-0629.01**
Miami Dade Product Control
By *Heidi A. Miller*

Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING # **AIRS0705**

SHEET **40 OF 46**

TRANE PERFORMANCE CLIMATE CHANGER
AIR HANDLER - SIZE 3-30 STACKED UNIT

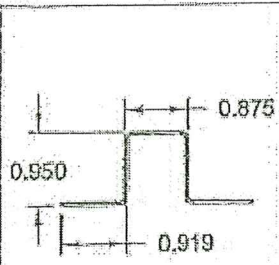
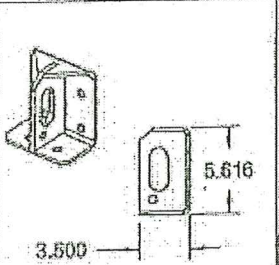
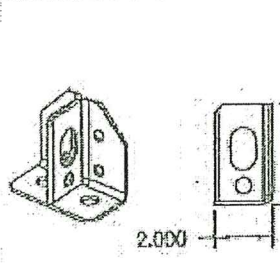
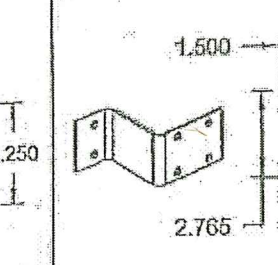
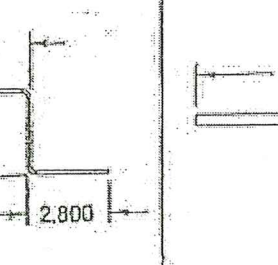
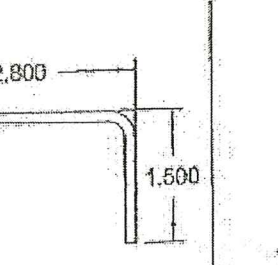
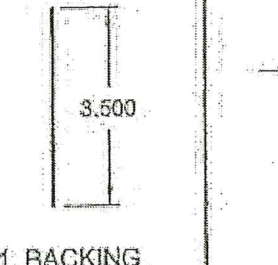
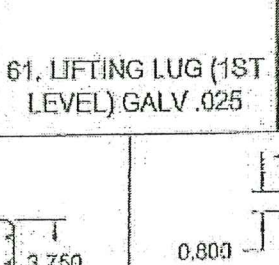
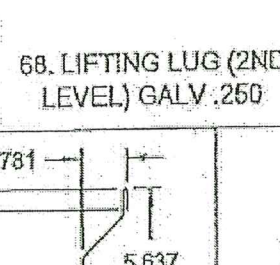
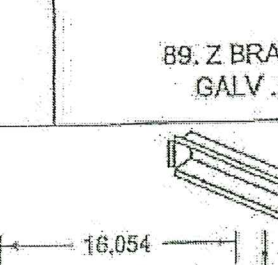
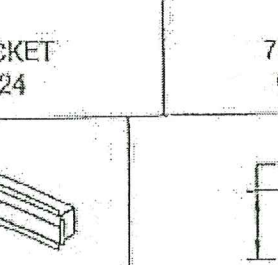
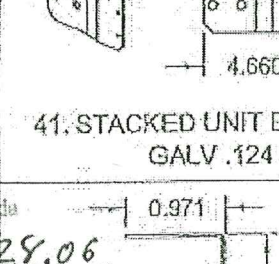
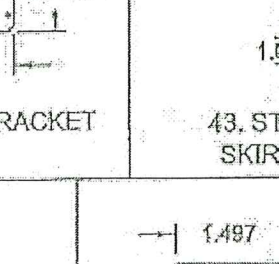
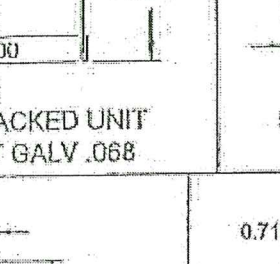
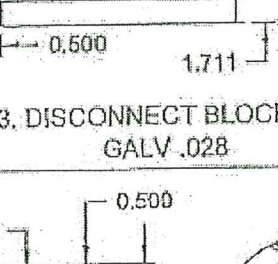
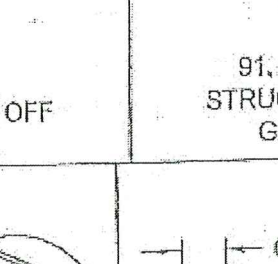
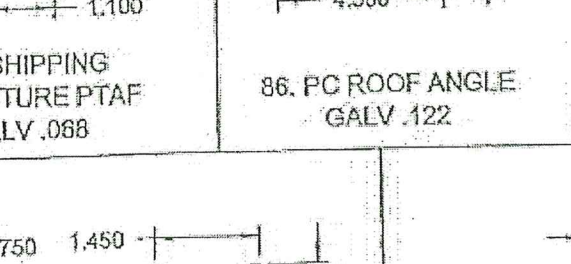
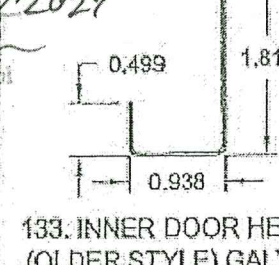
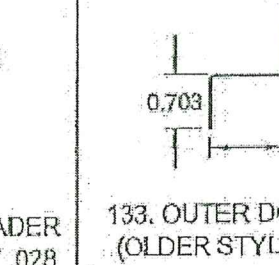
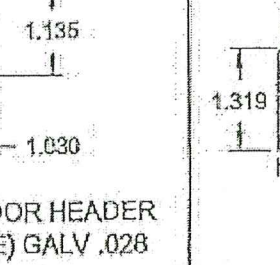
TRANE
US Inc.

REV. HISTORY
MOCK UP/DWG SHEET REF: **25, 26, 29, 35, 36 OF 63**

BY: **S.MCCLOSKEY K.YUVARAJA**
SCALE: **NTS**

REV. **A**
DATE **16-SEP-2013**

BASE PANEL METAL EDGE DETAILS (ALL .028 GALV.)		ROOF PANEL METAL EDGE DETAILS (ALL .028 GALV.)		WALL PANEL METAL EDGES HORIZONTAL SECTIONS (ALL .028 GALV.)			
SS OUTER		SS OUTER		SHIPPING SPLIT TO TONGUE INNER		SHIPPING SPLIT TO TONGUE OUTER	
EOU OUTER		EOU OUTER		EOU INNER		EOU OUTER	
SS INNER		SS INNER		SIDE, CORNER, OR REMOVABLE INNER		SIDE, CORNER, OR REMOVABLE OUTER	
EOU INNER		EOU INNER		INNER: SS, EOU, SIDE REMOVABLE		OUTER: SS, EOU, SIDE REMOVABLE	
PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 21-0624.06 Expiration Date 01/05/2027 By <i>Helga A. Mohr</i> Miami Data Product Control		PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 18-0212.09 Expiration Date 01/05/2022 By <i>Helga A. Mohr</i> Miami Data Product Control		PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 14-1120.16 Expiration Date 01/05/2022 By <i>Helga A. Mohr</i> Miami Data Product Control		PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 14-1120.16 Expiration Date 01/05/2022 By <i>Helga A. Mohr</i> Miami Data Product Control	
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 24-1002.02 Expiration Date 01/05/2027 By <i>Helga A. Mohr</i> Miami Data Product Control				Approved as complying with the Florida Building Code Date 12/12/2013 NOA# 12-0622.01 Miami Data Product Control By <i>Helga A. Mohr</i>		SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 5358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 2 2011	
DRAWING # AIRS0705		DESG. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		REV. HISTORY		BY: S.MCCLOSKEY KYUVARAJA	
SHEET 41 OF 46		SECTION		MOCK UP/DWG SHEET REF: 46, 47, 48 OF 53		SCALE: NTS	
		TRANE US Inc.		REV. A		DATE 16-SEP-2013	

 69. ROOF KEEL GALV .044	 61. LIFTING LUG (1ST LEVEL) GALV .025	 68. LIFTING LUG (2ND LEVEL) GALV .250	 89. Z BRACKET GALV .124	 76. DRIP LIP GALV .124	 71. BACKING PLATE (ROOF) GALV .046	 84. UNIT WELD BRACKET GALV .124	
 41. STACKED UNIT BRACKET GALV .124	 43. STACKED UNIT SKIRT GALV .068	 53. DISCONNECT BLOCK OFF GALV .028	 91. SHIPPING STRUCTURE PTAF GALV .068	 86. PC ROOF ANGLE GALV .122	 124. WALL PANEL BACKING PLATE (P.C) STEEL .043		
 133. INNER DOOR HEADER (OLDER STYLE) GALV .028	 133. OUTER DOOR HEADER (OLDER STYLE) GALV .028	 73. DOOR FOOTER GALV .045	 92. SHIPPING SPLIT VERTICAL CHANNEL STEEL .124	 102. ROOFSTRIP GALV .027	 CORNER BLOCK GALV .124		
 DOOR OUTER METAL EDGES GALV .028	 DOOR INNER METAL EDGES GALV .028	 NARROW DOOR JAMB	PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 24-0629.06 Expiration Date 01/05/2027 By <i>Healy A. Miller</i> Miami Dade Product Control				
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 18-0212.09 Expiration Date 01/05/2022 By <i>Healy A. Miller</i> Miami Dade Product Control						PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-1120.14 Expiration Date 01/05/2017 By <i>Healy A. Miller</i> Miami Dade Product Control	
Approved as complying with the Florida Building Code Date 12/12/2013 NOA# 12-0629.06 Miami Dade Product Control By <i>Healy A. Miller</i>						SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 6358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 27 2011	
DRAWING# AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		REV. HISTORY		BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET 42 OF 48		SECTION		MOCK UP/DWG SHEET REF: 49, 50, 51, 52 OF 53		SCALE: NTS	DATE 16-SEP-2013

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0629.06
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-19502
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

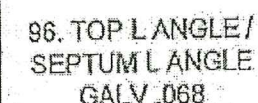
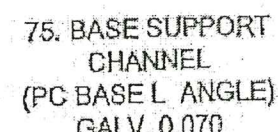
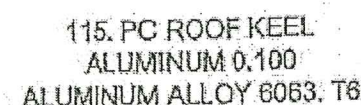
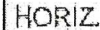
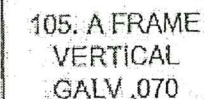
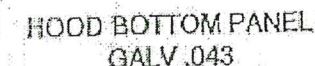
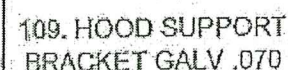
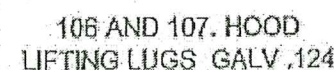
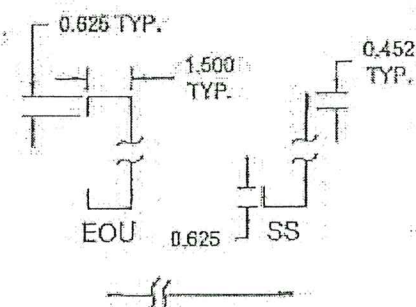
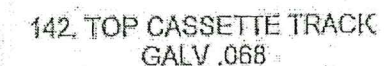
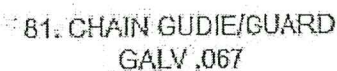
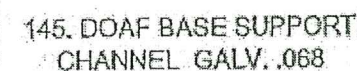
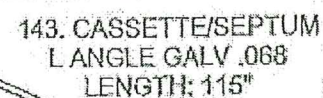
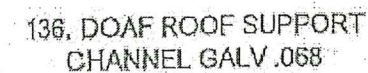
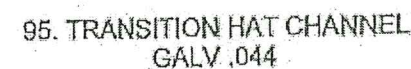
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Healy A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629.06
Miami Dade Product Control
By *Healy A. Miller*

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-0629.06
Expiration Date 01/05/2027
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

TRANE
US Inc.



Approved as complying with
Florida Building Code
Date 12/12/2013
NOA# 12-0629.0
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1062.02
Expiration Date 01/05/2023

Expiry Date 01/05/2011
By H. G. A. Miller
Miami Dept Product Control

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5356 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2011

DESC

TRANE PERFORMANCE CLIMATE CHANGER
AIR HANDLER - SIZE 3-30 STACKED UNIT

TRANER
US Inc.

REV. HISTORY

MOCKUP/DWG
SHEET REF: 50, 51 OF 53

BY:	S. MCCLOSKEY K. YUVARAJA
SCALE:	NTS

REV.	A
DATE	16-SEP-2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0712.09
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

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Building Code
Acceptance No. 18-0712.09
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

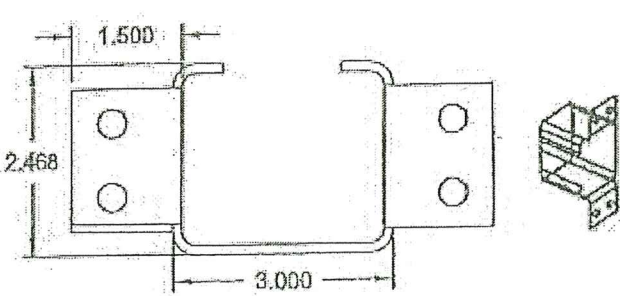
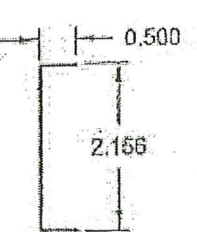
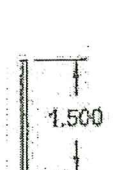
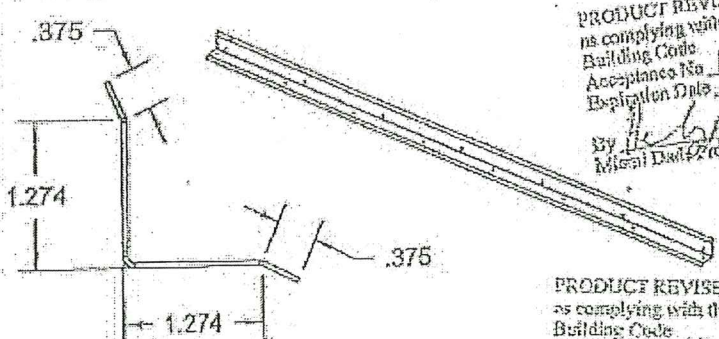
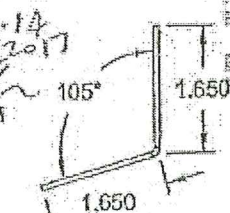
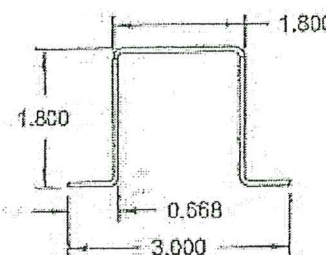
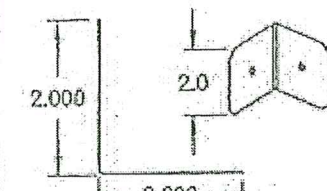
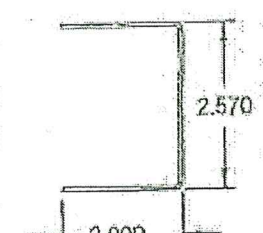
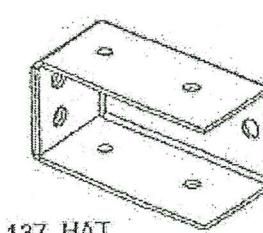
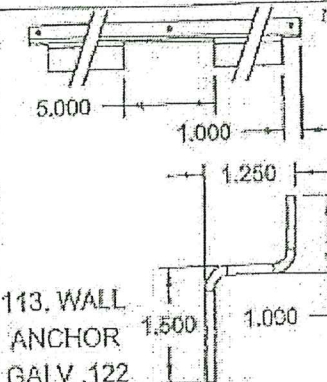
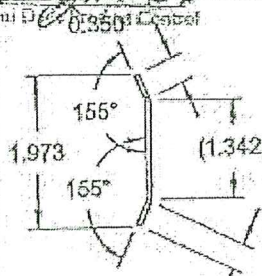
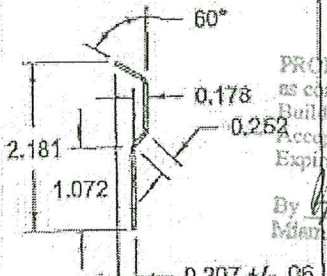
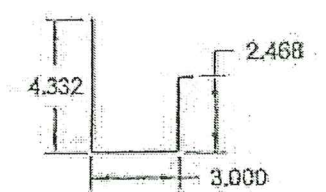
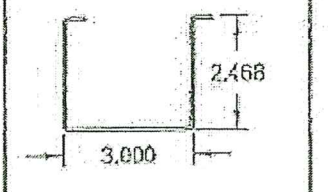
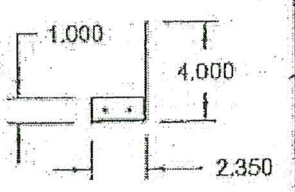
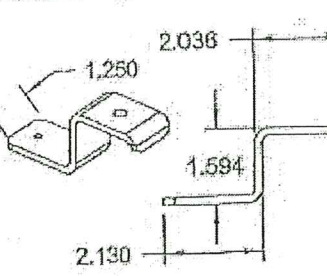
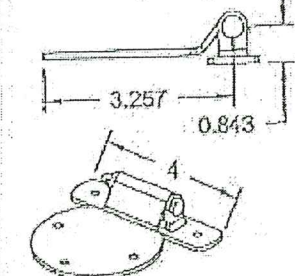
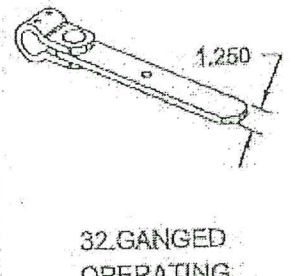
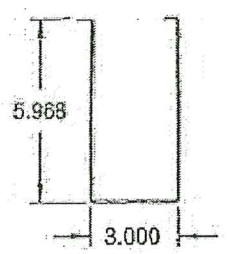
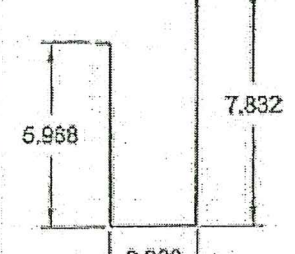
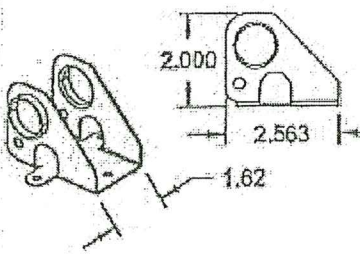
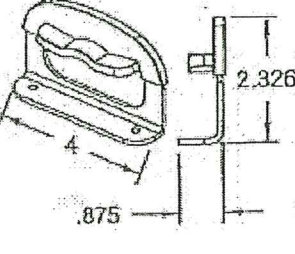
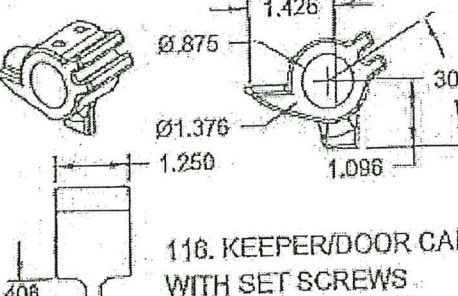
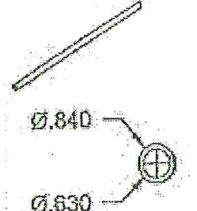
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0712.09
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

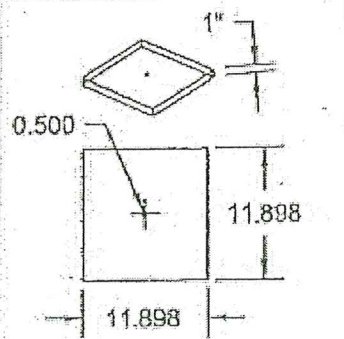
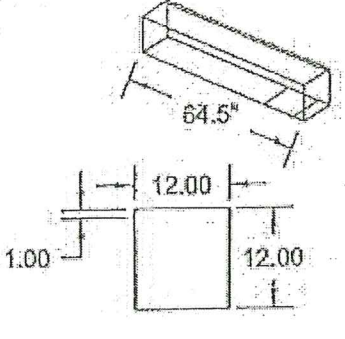
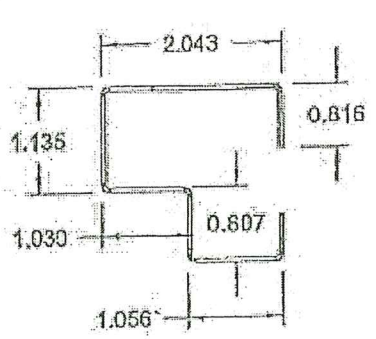
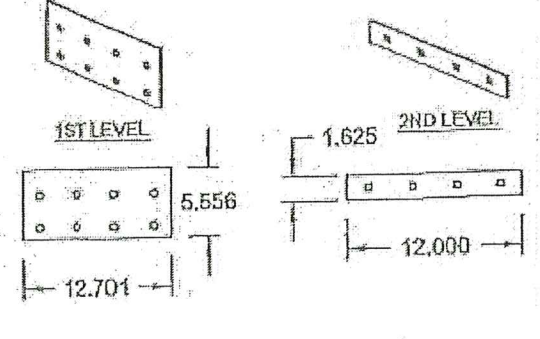
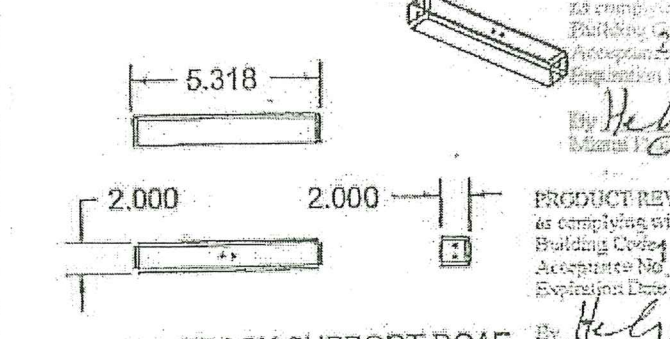
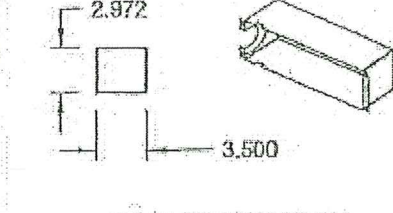
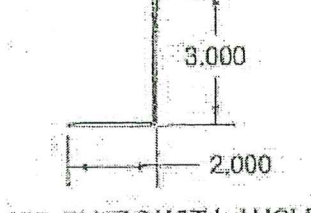
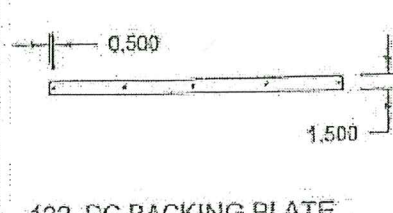
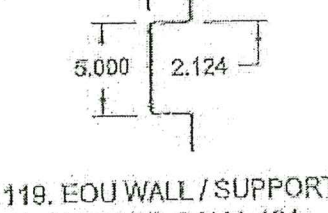
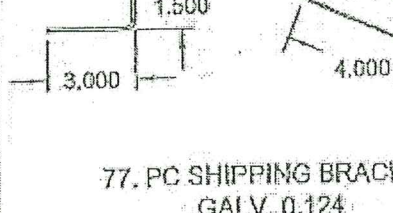
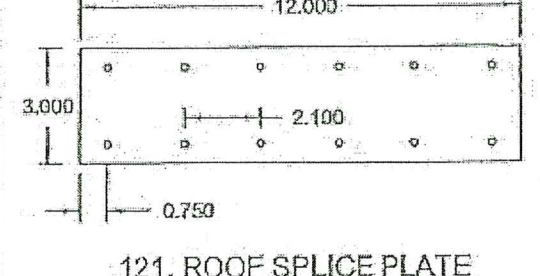
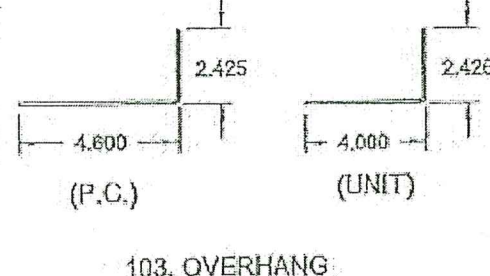
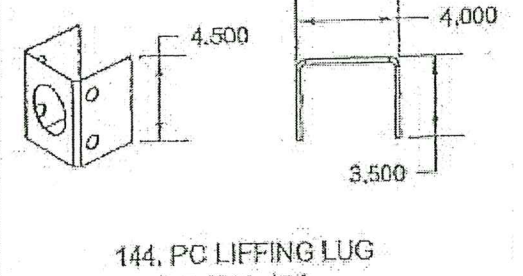
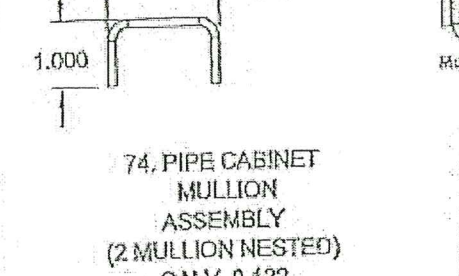
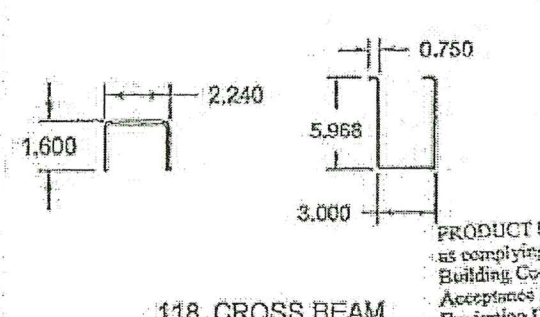
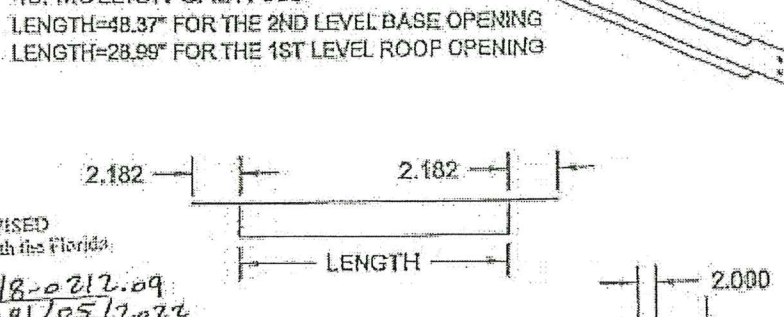
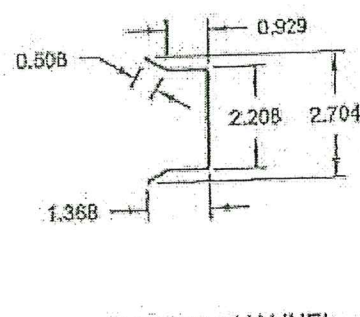
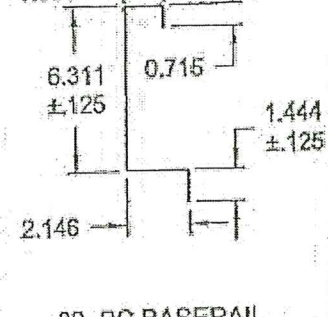
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0624.06
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

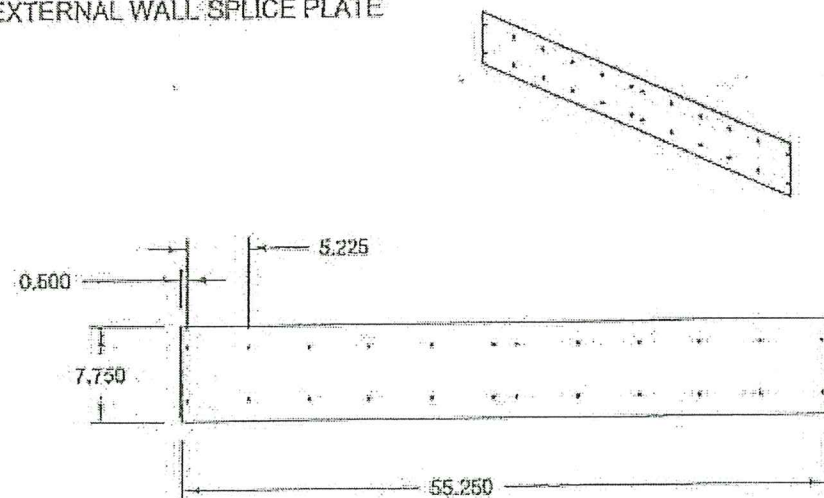
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629.01
Miami Dade Product Control
By *Heidi A. Miller*

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.02
Expiration Date 01/05/2022
By *Scott Walters*
Miami Dade Product Control

 90. CROSS BEAM (2ND LEVEL) GALV .122	 46. FOAM COVER GALV .027	 112. BACKING PLATE (HOOD) GALV .070	 134. CORNER SEAM CAP GALV .070	 111. HOOD SUPPORT TOP CHANNEL GALV .068
 9. HAT CHANNEL GALV .070	 47. FOAM COVER CORNER GALV .027	 48. MULLION GALV .055	 137. HAT CHANNEL BRACKET 3" X 1.5" X 1.5" STEEL .067	 113. WALL ANCHOR GALV .122
 99/101. SEAM CAP GALV .068	 5. DECORATIVE COVER GALV .044	 40. 2ND LEVEL BASE RAIL GALV .070	 40. 2ND LEVEL BASE RAIL GALV .070	 103. OVERHANG GALV .068
 35. PADLOCK BRACKET GALV 0.156 MIN	 10. DOOR HINGE GALV 0.110	 32. GANGED OPERATING HANDLE GALV 0.250	 44. 1ST LEVEL BASE RAIL GALV .070	 44. 1ST LEVEL BASE RAIL GALV .070
 11/117. DOOR CAM BRACKET GALV 0.060	 12. STRIKER PLATE GALV 0.110 MIN	 116. KEEPER/DOOR CAM WITH SET SCREWS MATERIAL=ZAMAK#3 DIE CAST PART	 149. DOOR TUBE STEEL	

 126. BOTTOM CAP STAINLESS STEEL 0.034	 127. FLUE DUCT STAINLESS STEEL 0.034	 123. DETAIL OF NEW DOOR HEADER GALV .043	 63. BASE RAIL SPLICE GALV .250	 139. TRACK SUPPORT DOAF GALV .124	PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 20-0819.10 Expiration Date JAN 05 2022 By <i>Heidi A. Miller</i> Miami Dade Product Control
 51. RACEWAY BOX GALV .043	 120. FLUE DUCT L ANGLE GALV .068	 122. PC BACKING PLATE GALV .068	 110. HOOD L ANGLE GALV .124	 119. EOU WALL / SUPPORT CHANNEL GALV .124	 77. PC SHIPPING BRACKET GALV .0.124 PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 21-0628.06 Expiration Date 01/05/2027 By <i>Heidi A. Miller</i> Miami Dade Product Control
 121. ROOF SPLICE PLATE GALV .044	 103. OVERHANG STEEL 0.070	 144. PC LIFTING LUG GALV .124	 74. PIPE CABINET MULLION ASSEMBLY (2 MULLION NESTED) GALV .0.122	Mullion Assembly PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-1120.14 Expiration Date 01/05/2017 By <i>Heidi A. Miller</i> Miami Dade Product Control Approved as complying with the Florida Building Code Date 12/16/2013 NOA# 12-0624.01 Miami Dade Product Control	
 118. CROSS BEAM BRACKET GALV .124	 48. MULLION GALV .055 LENGTH=48.37" FOR THE 2ND LEVEL BASE OPENING LENGTH=28.99" FOR THE 1ST LEVEL ROOF OPENING PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 18-0212.09 Expiration Date 01/05/2022 By <i>Heidi A. Miller</i> Miami Dade Product Control	 93. SLIP FIT CHANNEL GALV .070	 80. PC BASERAIL GALV .070	PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 24-1002.02 Expiration Date 01/05/2027 By <i>Heidi A. Miller</i> Miami Dade Product Control SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 5358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 27 2013	
DRAWING # AIRS0705 SHEET 45 OF 46	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY MOCK UP DWG. 53 OF 53 AND SHEET REF: 49, 51, 57 OF 63 STACK 50 DWG	BY: S.MCCLOSKEY K.YUWARAJA SCALE: NTS	REV. A DATE 16-SEP-2013

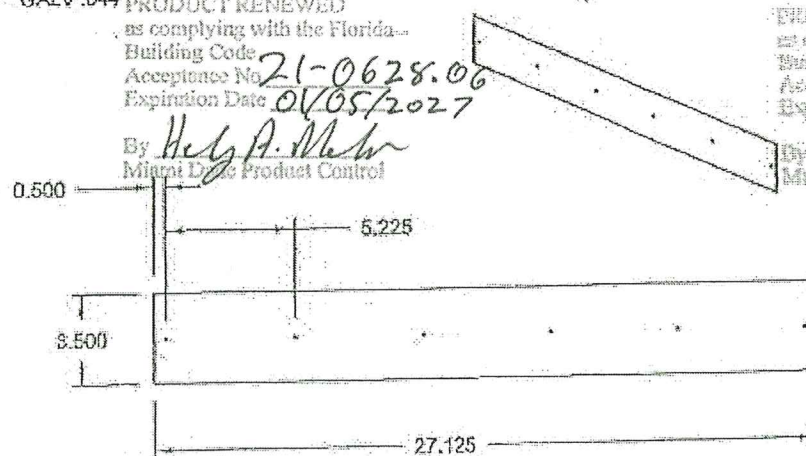
87. EXTERNAL WALL SPLICE PLATE



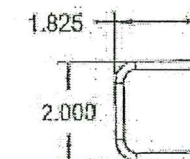
USED ON WALL PANEL
WITHOUT PLUG OPENING
GALV .044

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2027
By *Helga A. Mahr*
Miami Dade Product Control

85. INTERNAL WALL SPLICE PLATE

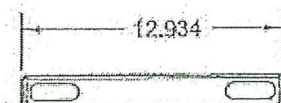


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0319.10
Expiration Date 01/05/2022
By *Helga A. Mahr*
Miami Dade Product Control

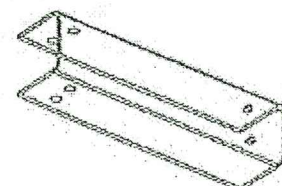
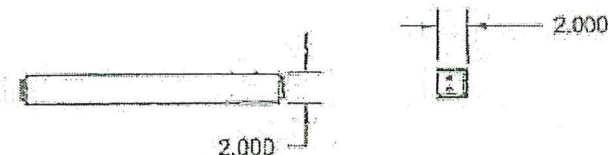


94. VERTICAL CHANNEL
GALV D.122

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date 01/05/2022
By *Helga A. Mahr*
Miami Dade Product Control

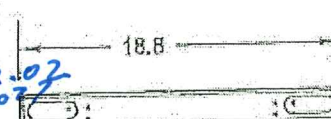


140. HORIZONTAL SUPPORT CHANNEL
GALV .068

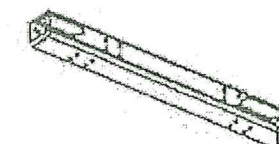
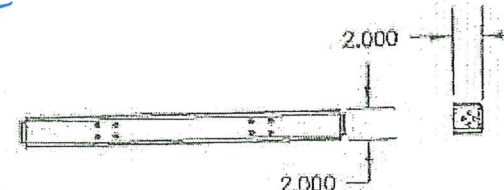


131. CASSETTE TRACK VERTICAL SUPPORT
GALV .124

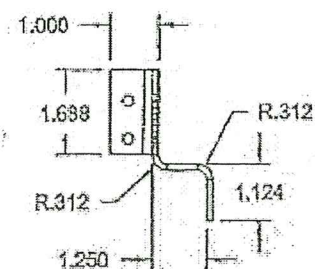
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1002.07
Expiration Date 01/05/2027
By *Helga A. Mahr*
Miami Dade Product Control



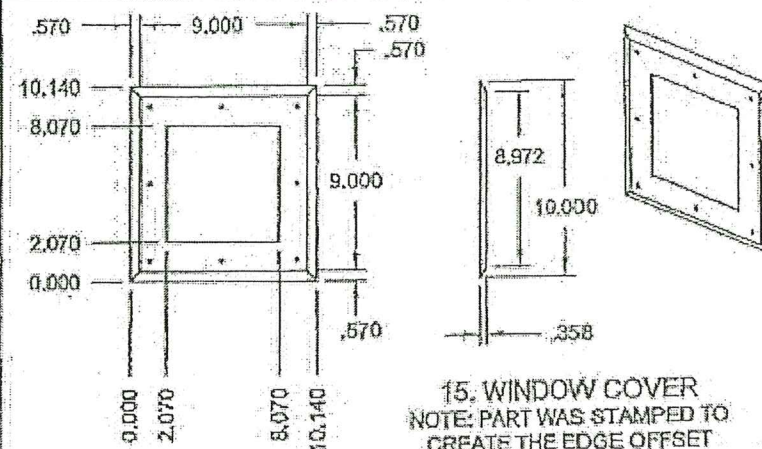
138. COLUMN SPACER
GALV .124



Approved as complying with the
Florida Building Code
Date 12/18/2013
NOA# 12-0629.01
Miami Dade Product Control
By *Helga A. Mahr*



141. CASSETTE TRACK
GALV .124



15. WINDOW COVER
NOTE: PART WAS STAMPED TO
CREATE THE EDGE OFFSET

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Helga A. Mahr*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Helga A. Mahr*
Miami Dade Product Control

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5353 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCGLOSKEY K.YUVARAJA	REV.	A
SHEET	46 OF 46	SECTION		MOCK UP/POW. SHEET REF:	28, 29 OF 35 AND 57 - 63 OF 63	SCALE:	DATE 15-SEP-2013
					NTS		

TRANE
US Inc.