



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 Renewal 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 **renews NOA #20-0819.10** and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

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



H.A. Makar
08/12/2021

NOA No. 21-0628.06
Expiration Date: 01/05/2027
Approval Date: 08/12/2021
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
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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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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. 21-0628.06
Expiration Date: 01/05/2027
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Trane US, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. None.

B. TESTS:

1. None.

C. CALCULATIONS:

1. None.

D. QUALITY ASSURANCE

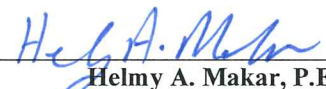
1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. FBC, 2020 compliance letter, dated June 21, 2021, signed and sealed by Scott Wolters, P.E.



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 21-0628.06
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 +/- 56.25 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 *Heidi A. McInerney*
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. McInerney*

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

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

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-1120.14
Expiration Date 01/05/2017
By *Heidi A. McInerney*
Miami Dade Product Control

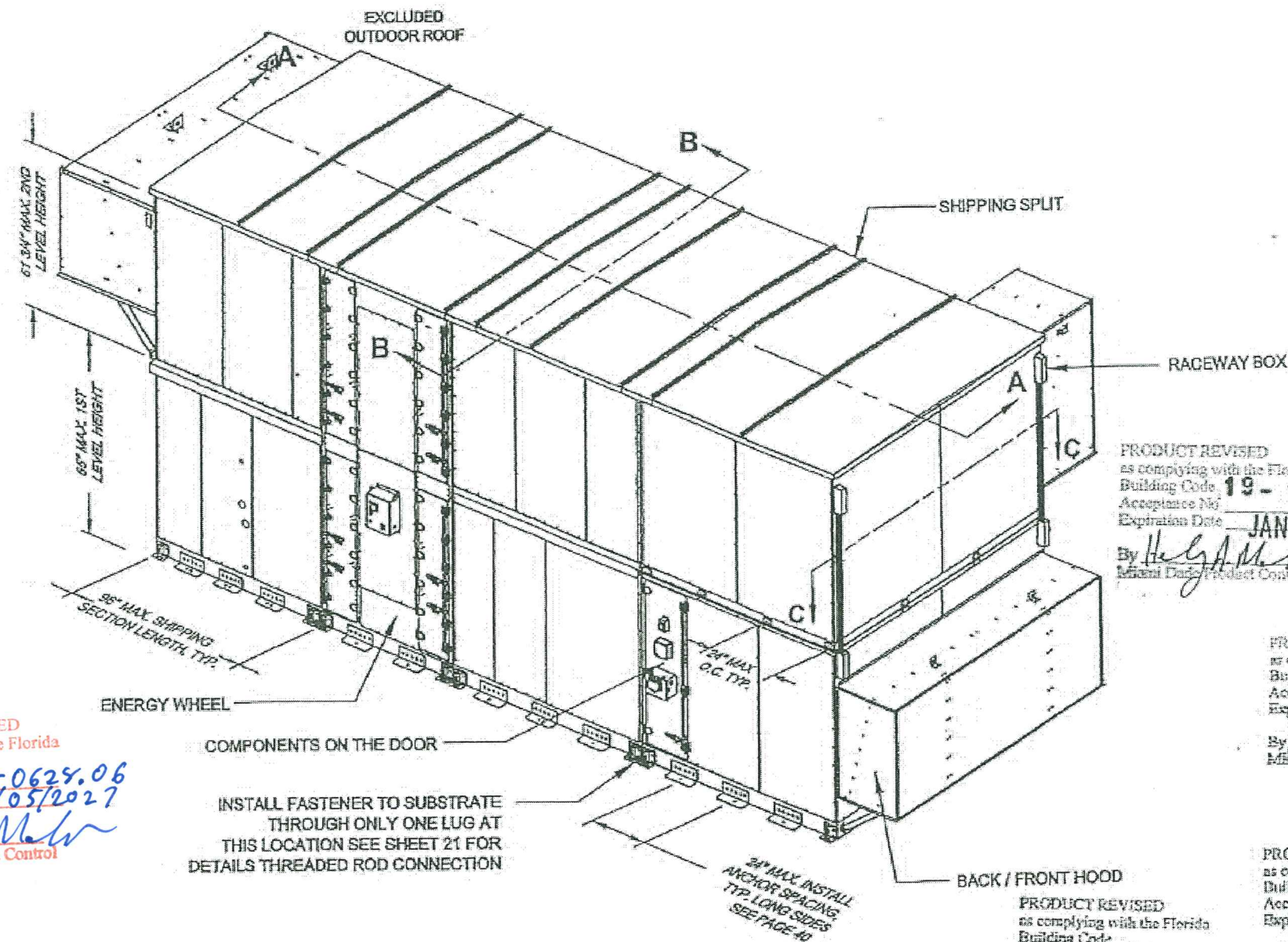
Scott Walters
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING, INC.
(COA# 27184)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	1 OF 46	SECTION			MOCK UP/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 01/05/2027
By Healy A. Maher
Miami Dade Product Control

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

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-1205.02
Expiration Date 01/05/2022
By Healy A. Maher
Miami Dade Product Control

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

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

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 2-0629.01
Miami Dade Product Control
By Healy A. Maher

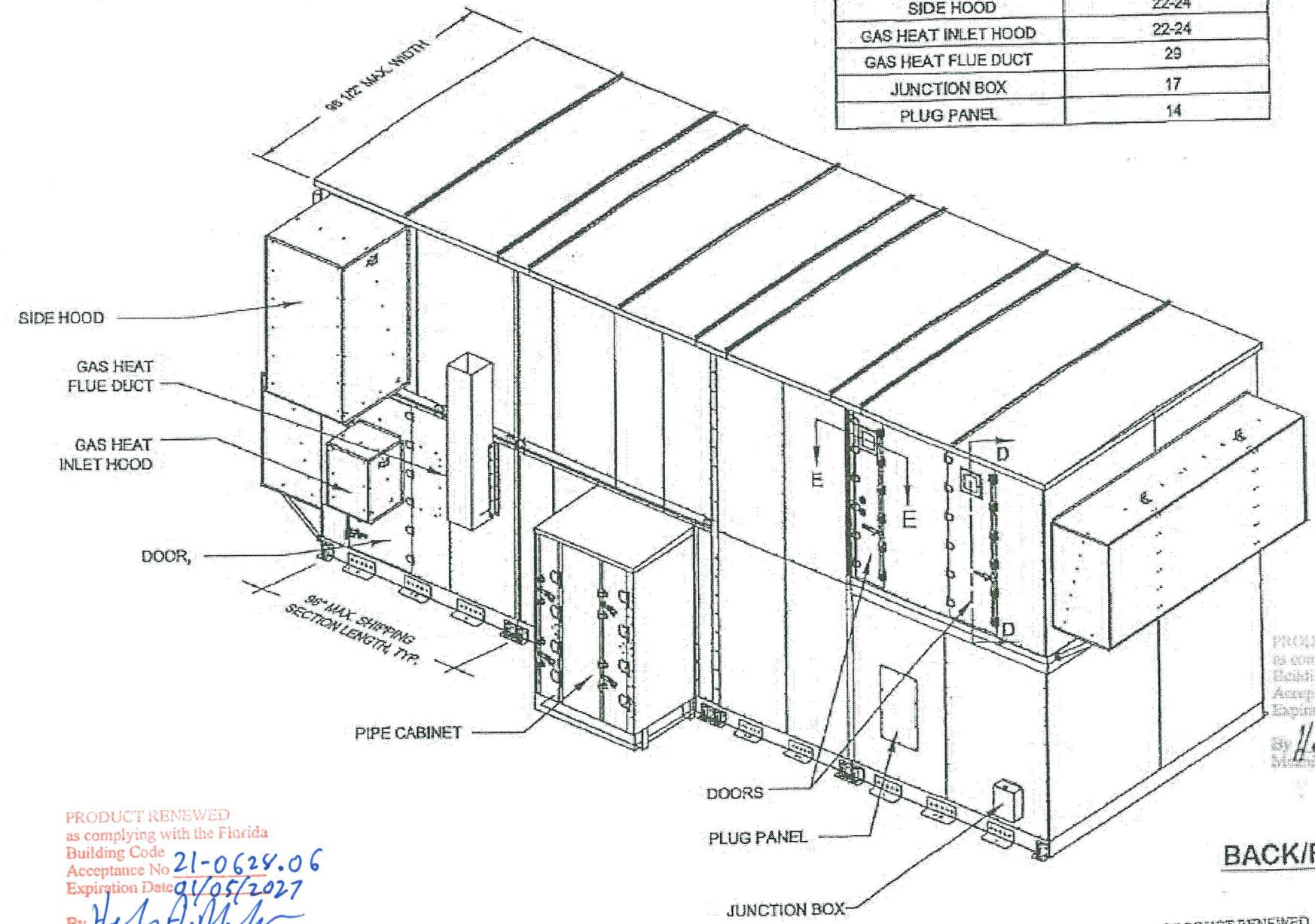
Scott Wolters
SCOTT WOLTERS
FL PE# 52354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	2 OF 45	SECTION			MOCK UP/DWG SHEET REF:	SCALE: NTS	DATE 16-SEP-2013

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

PRODUCT REVISED
as complying with the Florida
Building Code **20-0819.10**
Acceptance No.
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**
NGA# **12-0629.01**
Miami Dade Product Control
By *Heidi A. Miller*

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

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

BACK/FRONT VIEW

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

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

PRODUCT REVISED
as complying with the Florida
Building Code **14-1120.16**
Acceptance No.
Expiration Date **01/05/2017**
By *Heidi 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 27 2013

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 3 OF 46	SECTION		MOCK UP/DWG SHEET REF: —	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	118	CROSS BEAM BRACKET	GALV. STEEL
2	.125" THICK x 2" WIDE TAPE	BUTYL	60	SCREW 1/2"-13 x 1.2 HEX CAP HEAD	GALV. STEEL	119	EQW WALL SUPPORT CHANNEL	GALV. STEEL
3	.188 (.06" COMPRESSED) x .625" GASKET	PVC/NBR	61	LIFTING LUG (1ST LEVEL)	GALV. STEEL	120	FLUE DUCT L ANGLE	GALV. STEEL
4	10-16 x 1.75" SELF-DRILLING SCREW	GRADE 5 STEEL	62	0.06" THICK LUG GASKET	PVC/NBR	121	SHIP SPLIT SPLICE PLATE	GALV. STEEL
5	DECORATIVE COVER	GALV. STEEL	63	BASE RAIL SPLICE PLATE	GALV. STEEL	122	ROOF BACKING PLATE	GALV. STEEL
6			64	0.06" THICK PLATE GASKET	PVC/NBR	123	NEW DOOR HEADER - NEW STYLE	GALV. STEEL
7	.120" THICK x 1" WIDE TAPE	BUTYL	65	BOLT 5/16"-18 x 6" HEX MACHINE	GALV. STEEL	124	FLAT BACKING PLATE	GALV. STEEL
8	.375" THICK x .750" WIDE GASKET	PORON	66	WASHER .375" ID x .875 OD	GALV. STEEL	125	BOTTOM SMALL ANGLE	GALV. STEEL
9	HAT CHANNEL	GALV. STEEL	67	NUT 5/16"-18 HEX FLANGE (HW)	GALV. STEEL	126	BOTTOM CAP	STAINLESS STEEL
10	DOOR HINGE	GALV. STEEL	68	LIFTING LUG (2ND LEVEL)	GALV. STEEL	127	FLUE DUCT	STAINLESS STEEL
11	DOOR CAM BRACKET	GALV. STEEL	69	ROOF KEEL	GALV. STEEL	128		
12	STRIKER PLATE	GALV. STEEL	70	STRUCT. ADHESIVE SIKAFLEX 3131S	POLYMER	129		
13	.06" THICK x .5" WIDE TAPE	BUTYL	71	ROOF BACKING PLATE	GALV. STEEL	130	0.125 X 5/16" RIVETS	STAINLESS STEEL
14	WINDOW 3/16" PLEXIGLASS 8 3/4" x 8 3/4"	PLEXIGLASS	72	.188" (.08" COMPRESSED) x 1.25" GASKET	PVC/NBR	131	CASSETTE TRACK VERTICAL	STAINLESS STEEL
15	WINDOW FRAME	GALV. STEEL	73	DOOR FOOTER	GALV. STEEL	132	BOLT; 1/2-13 X 1 1/4 CARRIAGE	STAINLESS STEEL
16	STRUCT. ADHESIVE SIKAFLEX 552	POLYMER	74	SUPPORT MULLION ASSEMBLY	GALV. STEEL	133	DOOR HEADER - OLDER STYLE	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	134	CORNER SEAM CAP	GALV. STEEL
18	UV DISCONNECT SWITCH	VARIES	76	DRIP LIP	GALV. STEEL	135	UV VIEW PORT	GALV. STEEL
19	INTENSITY MEASUREMENT METER	VARIES	77	PC SHIPPING BRACKET	GALV. STEEL	136	DOAF ROOF SUPPORT CHANNEL	GALV. STEEL
20	GFCI JUNCTION BOX	GALV. STEEL	78	3/8"-16 x 1 1/4" HEX CAP SCREW	GRADE 5 STEEL	137	HAT CHANNEL BRACKET	GALV. STEEL
21	CONDUIT 1" RUNNING THREAD	GALV. STEEL	79	3/8"-16 HEX NUT	GALV. STEEL	138	COLUMN SPACER	GALV. STEEL
22	1" CONDUIT NUT	GALV. STEEL	80	PC BASE RAIL	GALV. STEEL	139	TRACK SUPPORT DOAF	GALV. STEEL
23	1" CONDUIT BUSHING	GALV. STEEL	81	CHAIN GUIDE	GALV. STEEL	140	HORIZONTAL SUPPORT CHANNEL	GALV. STEEL
24	CONDUIT 1/2" RUNNING THREAD	GALV. STEEL	82	3/8"-16 x 3" BOLT	GRADE 5 STEEL	141	CASSETTE TRACK	GALV. STEEL
25	1/2" CONDUIT NUT	GALV. STEEL	83	.03" THICK x 2" WIDE ALUMINUM CLAD TAPE	VARIES	142	TOP CASSETTE TRACK	GALV. STEEL
26	1/2" CONDUIT BUSHING	GALV. STEEL	84	UNIT WELD BRACKET	GALV. STEEL	143	CASSETTE/SEPTUM L ANGLE	GALV. STEEL
27	MINIHILIC GAUGE	VARIES	85	INTERNAL WALL SPLICE PLATE	GALV. STEEL	144	PC LIFTING LUG	GALV. STEEL
28	4-40 x 1 1/4" PHILLIPS PAN HEAD SCREW	GRADE 5 STEEL	86	PC ROOF ANGLE	GALV. STEEL	145	DOAF BASE SUPPORT CHANNEL	GALV. STEEL
29	ELBOW	GALV. STEEL	87	EXTERNAL WALL SPLICE PLATE	GALV. STEEL	146		
30	.06" THICK x 0.38" WIDE TAPE	BUTYL	88	1/2"-13 x 1.2" HEX CAP BOLT	GRADE 5	147	CORNER BLOCK SECOND LEVEL	GALV. STEEL
31	FOAM RETAINER	GALV. STEEL	89	Z-BRACKET	GALV. STEEL	148	CORNER BLOCK FIRST LEVEL	GALV. STEEL
32	GANGED DOOR HANDLE ASSEMBLY	GALV. STEEL	90	CROSS BEAM	GALV. STEEL	149	DOOR TUBE	STEEL
33	DOOR VIEWER	VARIES	91	SHIPPING SPLIT SUPPORT ANGLE PTAF	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	PVB/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" COMPR.) 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			

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
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Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

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

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Acceptance No. 1205.02
Expiration Date 01/05/2022
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Acceptance No. 18-0212.09
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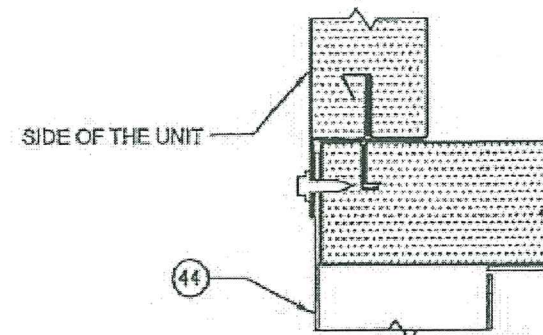
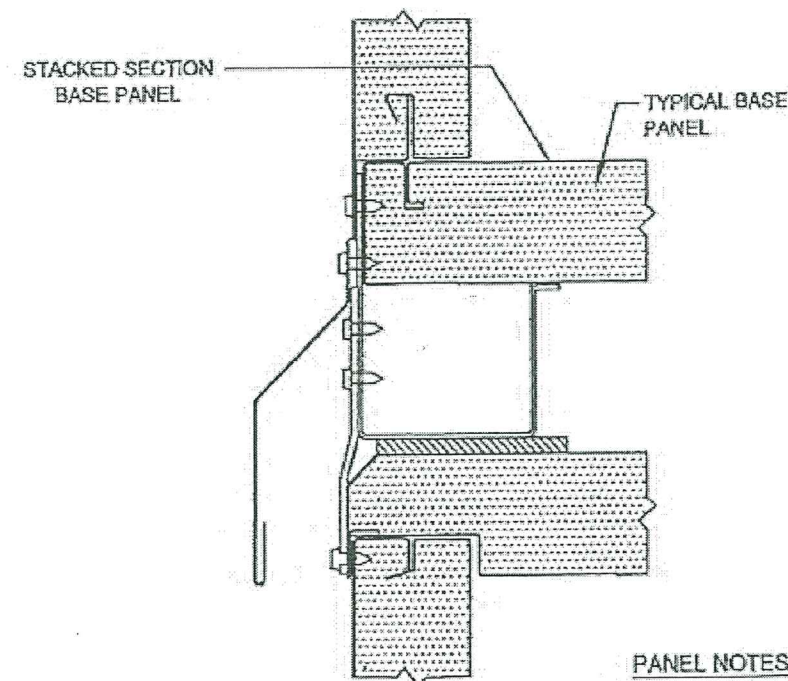
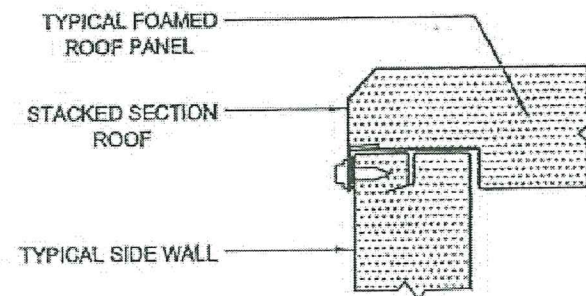
PRODUCT REVISED
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Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 13-0629.01
Miami Dade 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
04/27/2013

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	4 OF 46	SECTION			MOCK UP/DWG SHEET REF:	SCALE: NTS	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)



STACKED SECTION

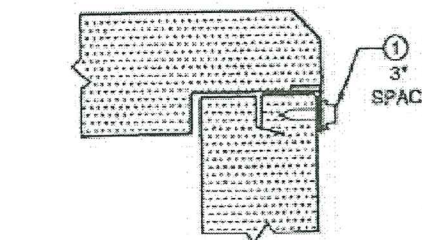
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 19-1205.07
 Expiration Date JAN 05 2022
 By *Heidi A. Miller*
 Miami Dade Product Control

PANEL NOTES:

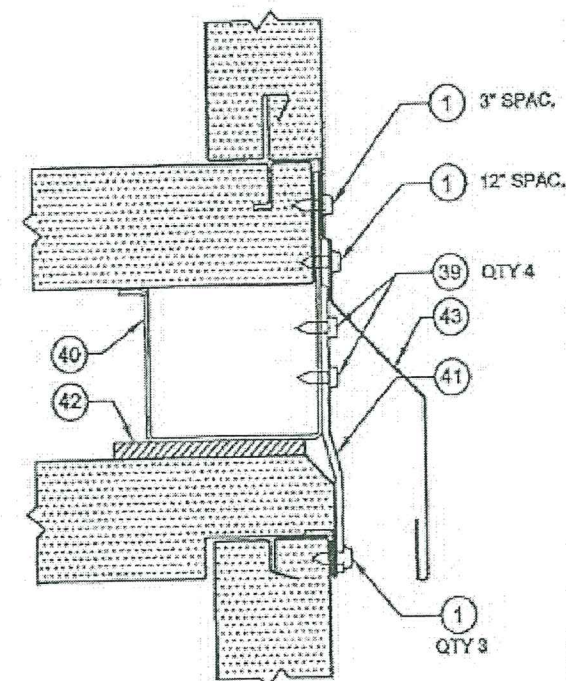
1. OVERALL PANEL THICKNESS IS 2".
2. CORE MATERIAL IS RIGID FROTH-FOAM INSULATION.
3. INNER AND OUTER CASING PANEL SKINS ARE 0.028" GALVANIZED STEEL.
4. GASKET ITEM 3 IS PLACED AS A THERMAL BREAK BETWEEN ALL INNER AND OUTER CASING PANELS.

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 as complying with the Florida
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 Expiration Date 01/05/2027
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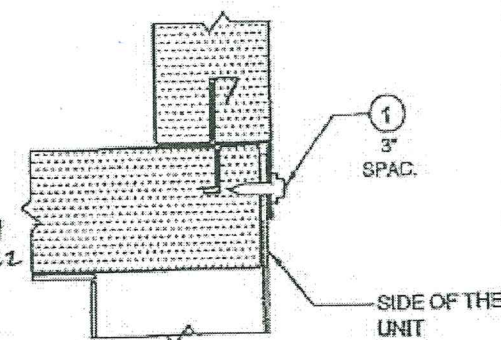
PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. 19-1205.02
 Expiration Date 01/05/2022
 By *Heidi A. Miller*
 Miami Dade Product Control

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 14-0112.14
 Expiration Date 01/05/2017
 By *Heidi A. Miller*
 Miami Dade Product Control

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 NOA# 12-0629.01
 Miami Dade Product Control
 By *Heidi A. Miller*

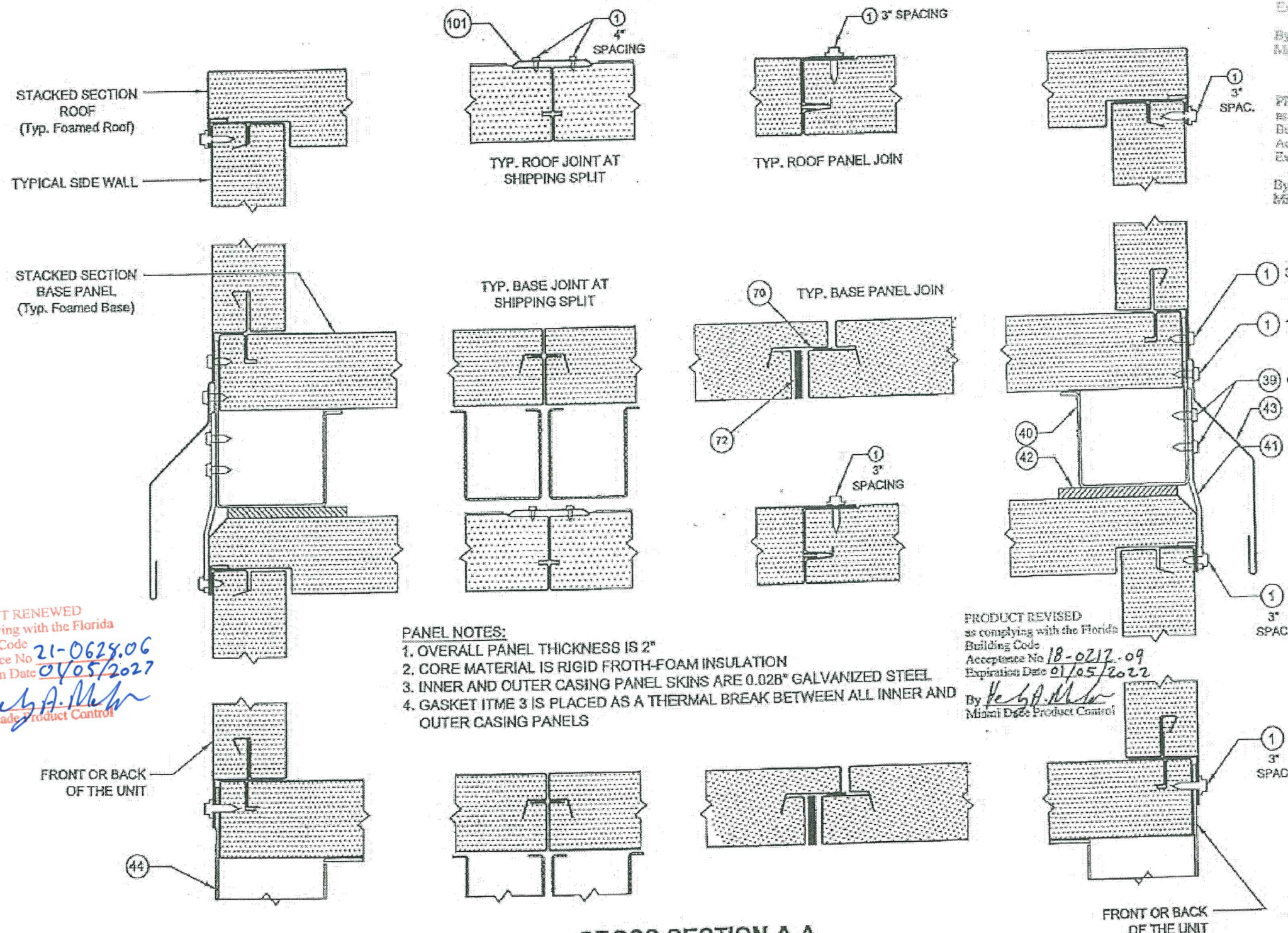
Scott Wolters
 SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING, INC.
 (COA# 27194)
 5358 SW 32ND TERRACE
 FT. LAUDERDALE, FL 33312
 NOV 27 2013

CROSS SECTION B-B



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	5 OF 46	SECTION			MOCK UP/DWG SHEET REF: 25, 26, 29, 35, 36 OF 63	SCALE: NTS	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
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 Acceptance No. 20-0819.10
 Expiration Date JAN 05 2022
 By *Heidi A. Miller*
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PRODUCT REVISED
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 Acceptance No. 14-1170.14
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 NOA# 12-0639.01
 Miami Dade Product Control
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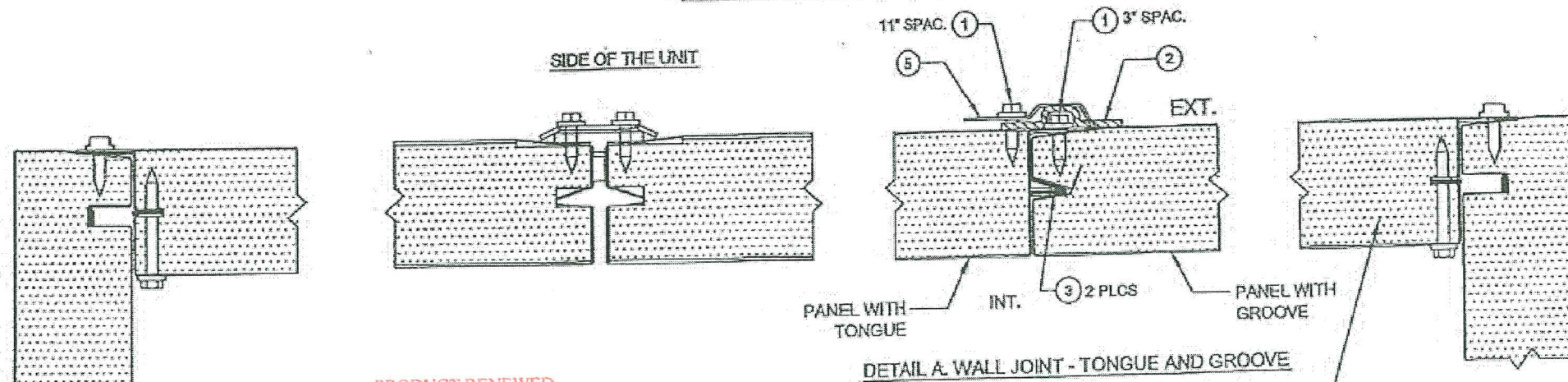
Scott Walters
 SCOTT WOLTERS
 FL PE# 62354
 WOLTERS ENGINEERING, INC.
 (COA# 27194)
 5358 SW 32ND TERRACE
 FT. LAUDERDALE, FL 33312
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PRODUCT RENEWED
 as complying with the Florida
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 Acceptance No. 21-0628.06
 Expiration Date 04/05/2027
 By *Heidi A. Miller*
 Miami Dade Product Control

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 Acceptance No. 18-0212.09
 Expiration Date 01/05/2022
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DRAWING #		DESC.	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
AIRS0705				MOCK UP/DWG SHEET REF: 25, 26, 29, 35, 36 OF 63	SCALE: NTS	DATE 16-SEP-2013
SHEET	SECTION	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT				
6 OF 46						

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

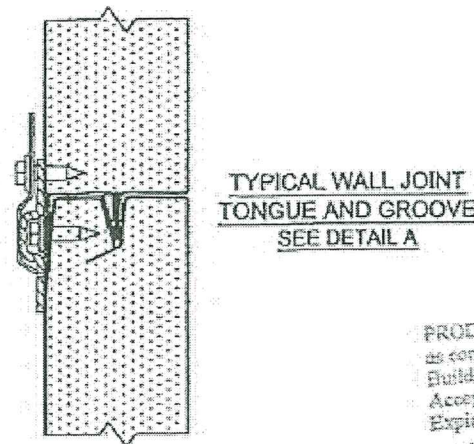


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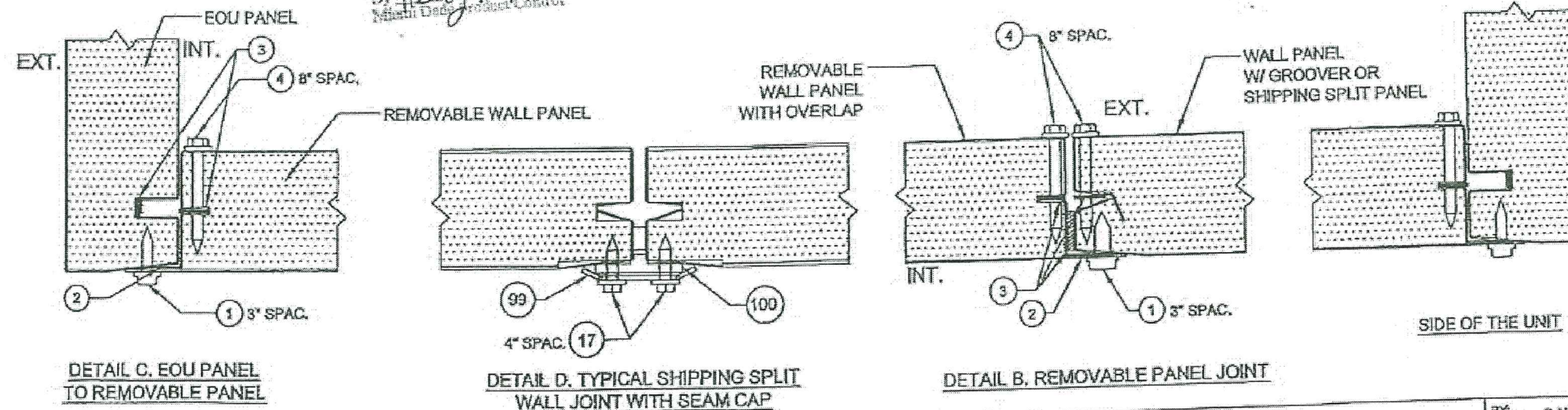
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- NOTES:
 1. DOOR CROSS SECTION SHOWN ON PAGE 8.
 2. PLUG PANEL CROSS SECTION SHOWN ON PAGE 14.

CROSS SECTION C-C



DRAWING # AIRS0705 SHEET 7 OF 48	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY 1 7, 13, 20, 34 OF 63	BY: S.MCCLOSKEY KYUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
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Approved as complying with the
 Florida Building Code
 Date 12/12/2013
 NOA# 12-0624.01
 Miami Dade Product Control
 By *Heidi A. Miller*

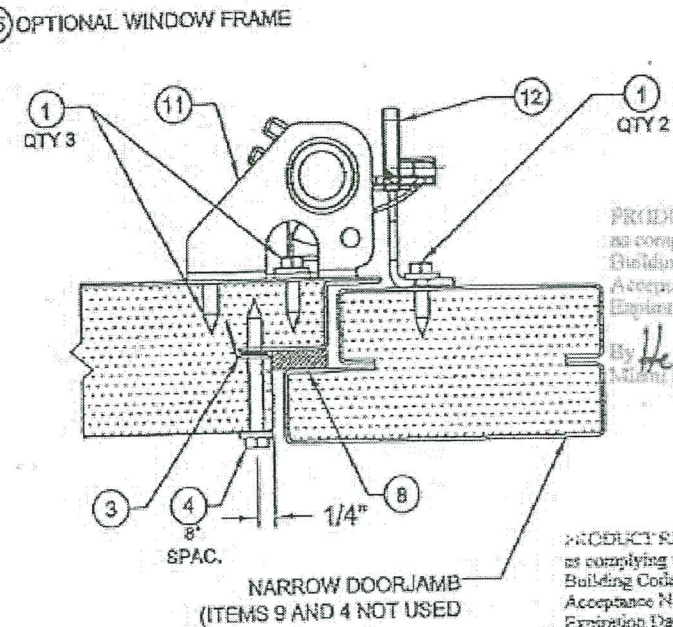
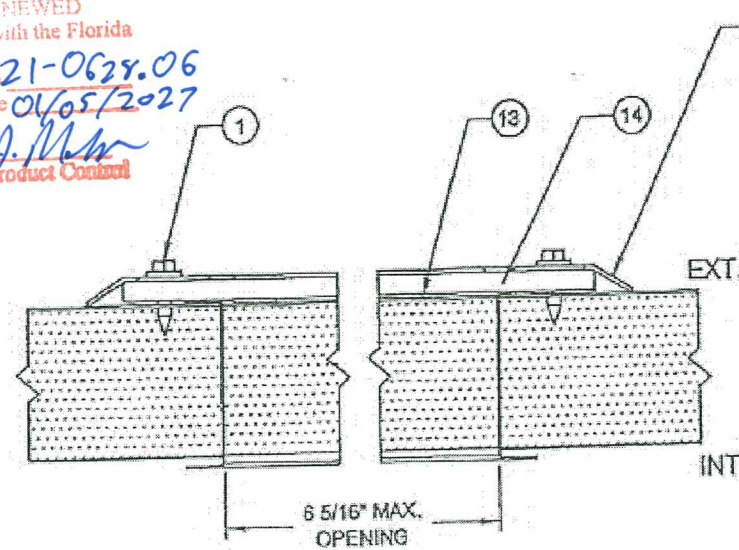
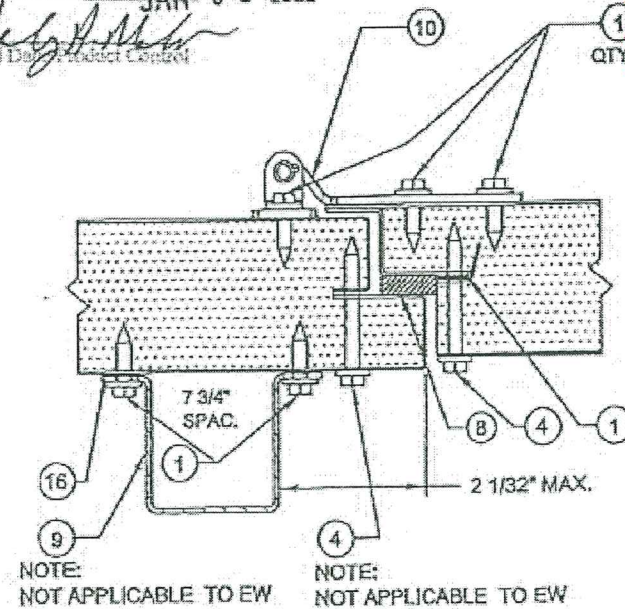
Scott Wolters
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 FL PE# 62354
 WOLTERS ENGINEERING, INC.
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 FT. LAUDERDALE, FL 33312
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DOOR CROSS SECTION E-E

SEE PANEL NOTES SHEET 5

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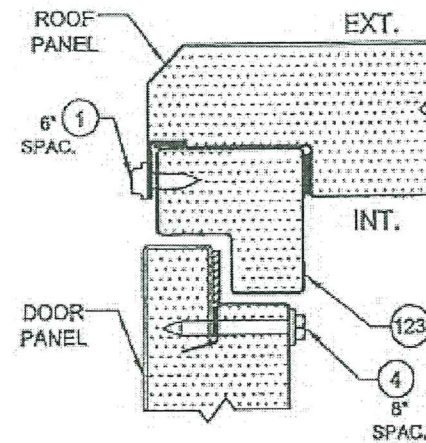
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Miami Dade Product Control

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By *Heidi A. Miller*
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DETAIL A. DOOR HORIZONTAL CROSS-SECTION

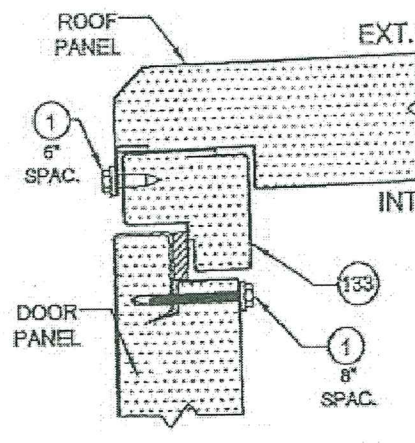
NOTE:
1. THIS DETAILS SHALL BE APPLICABLE TO ALL DOORS IN UNIT, PIPE CABINET, AND ENERGY WHEEL SECTION (2 LEVEL SECTION).

DOOR CROSS SECTION D-D



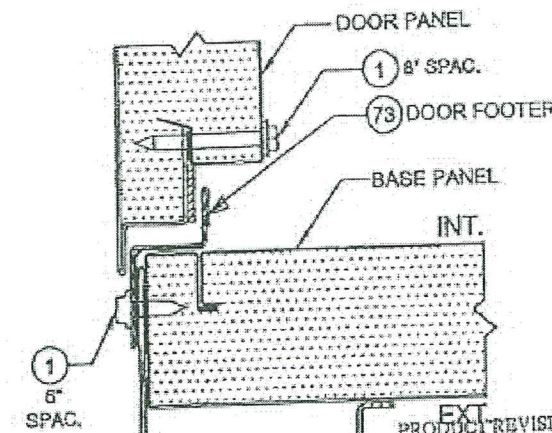
DETAIL B1. DOOR TO ROOF (TOP)
NEW-SYLE HEADER
(TESTED WITH SIZE 50)

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)

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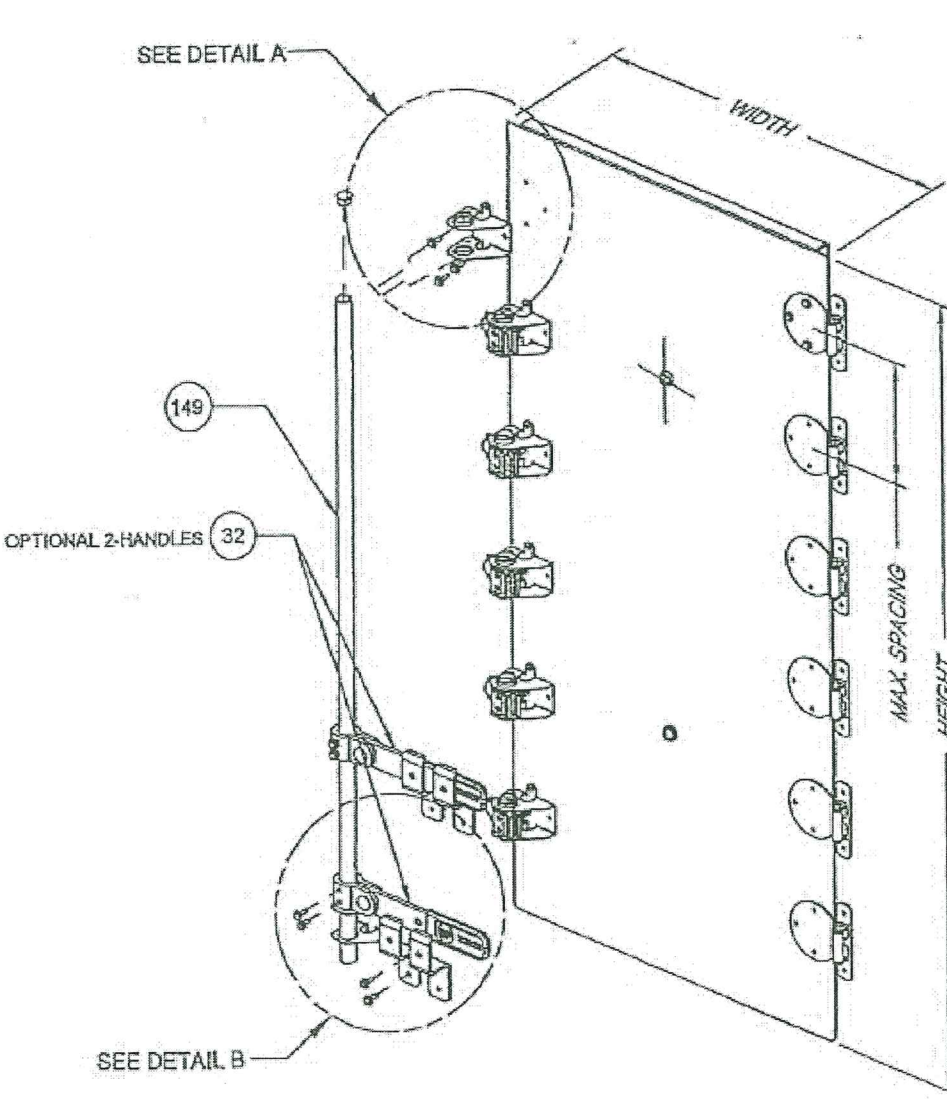
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NOAH 12-0629.01
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FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV.	A
SHEET	8 OF 46	SECTION		MOCK UP/OWG SHEET REF:	7, 14, 15, 39 OF 63 AND 20 OF 35	SCALE:	DATE 16-SEP-2013
					NTS		

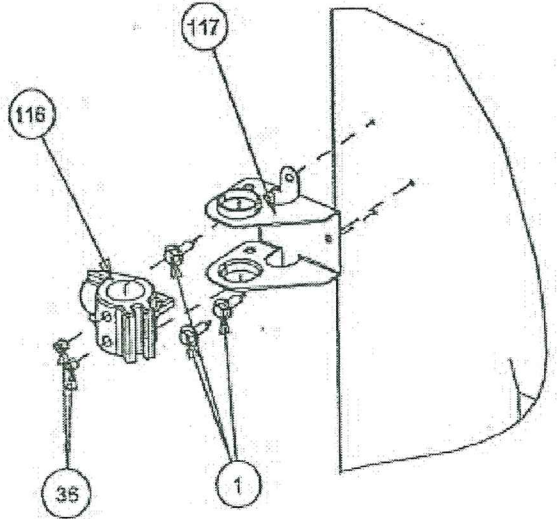
TRANE
US Inc.

DOOR HARDWARE LAYOUT



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

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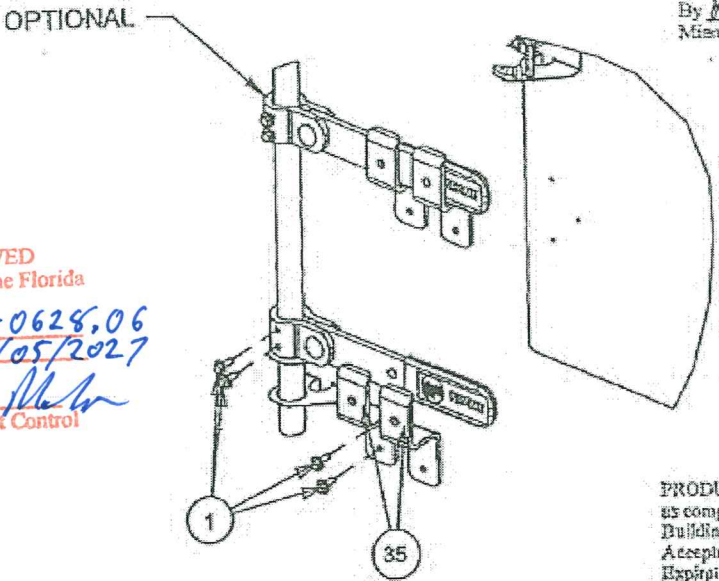
DETAIL A

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DETAIL B

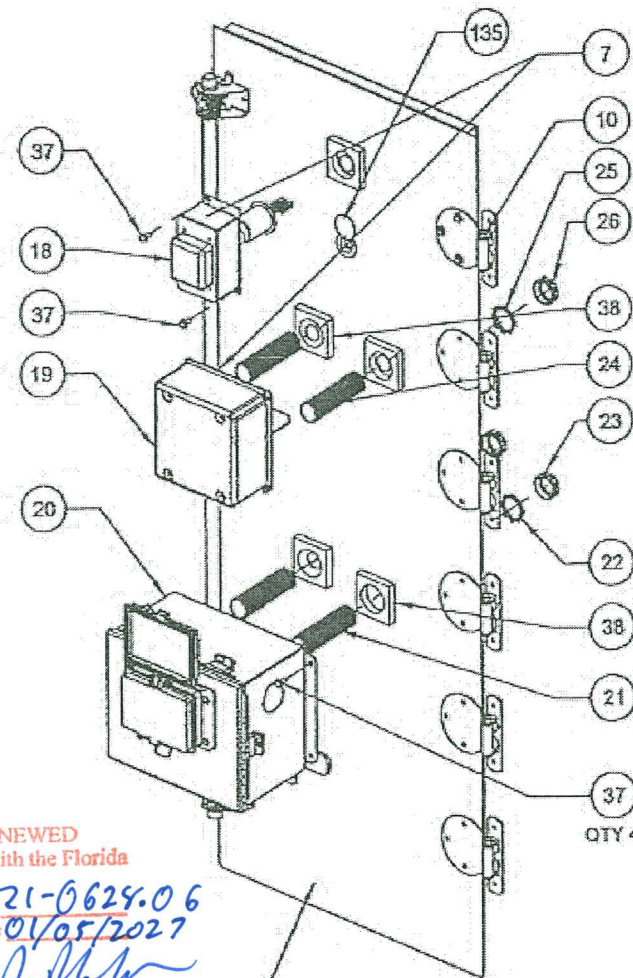
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SCOTT WALTERS
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WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

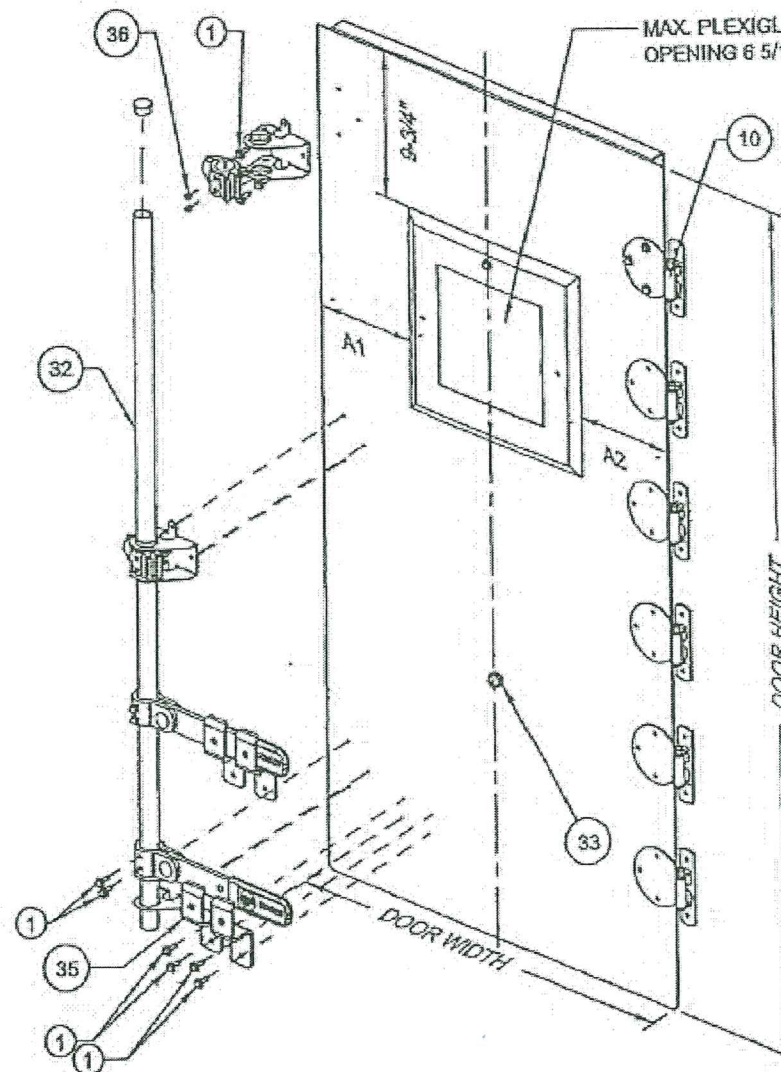
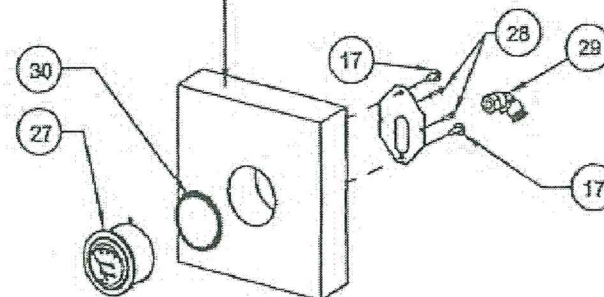
DRAWING # AIRS0705		DESG. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET 9 OF 46	SECTION			MOCK UP/DWG SHEET REF: 9 OF 19, 16 OF 63, 19 OF 35	SCALE: NTS	DATE 16-SEP-2013

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.



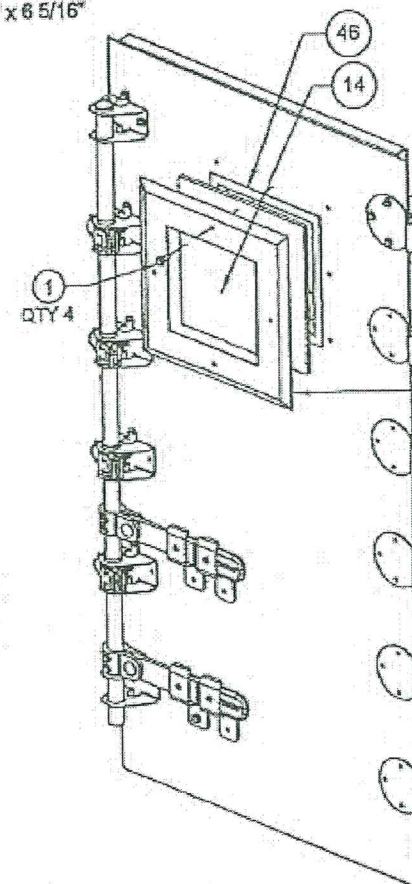
DOOR PANEL



DOOR HARDWARE AND OPTIONAL COMPONENTS

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DOOR WIDTH	A1	A2
14.853	3	3
23.353	7.5	7



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

DRAWING # AIRS0705
SHEET 10 OF 46

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

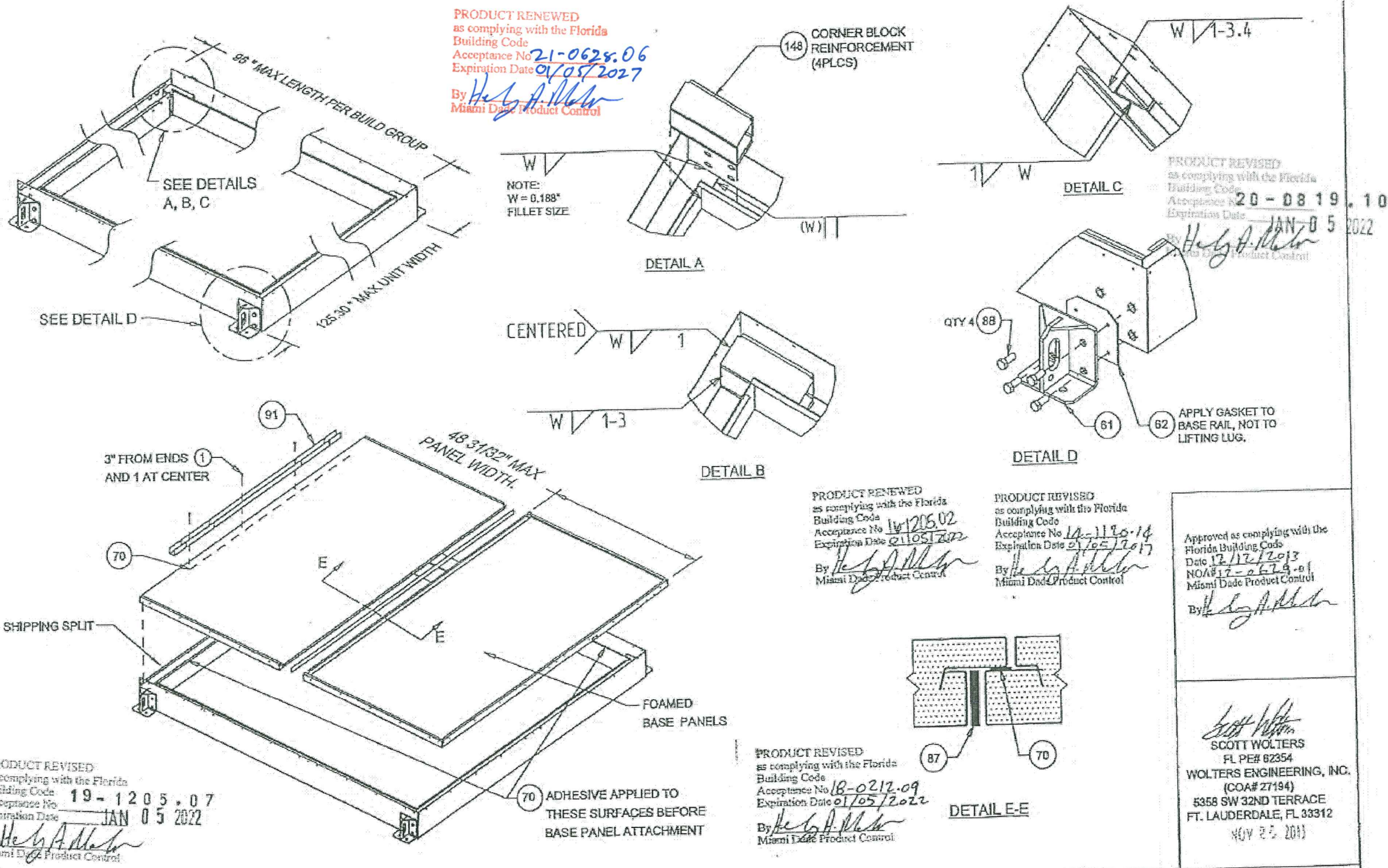
TRANE
US Inc.

REV. HISTORY
MOCK UP/DWG
SHEET REF: 17-19 OF 63

BY: S.MCCLOSKEY
K.YUVARAJA
SCALE: NTS

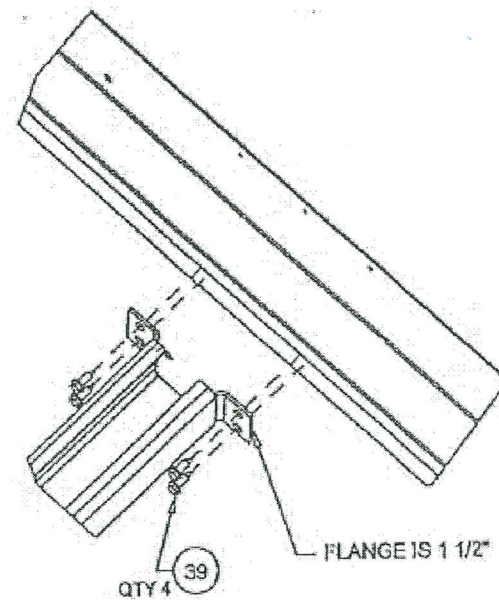
REV. A
DATE 16-SEP-2013

1ST LEVEL BASE RAIL DETAILS



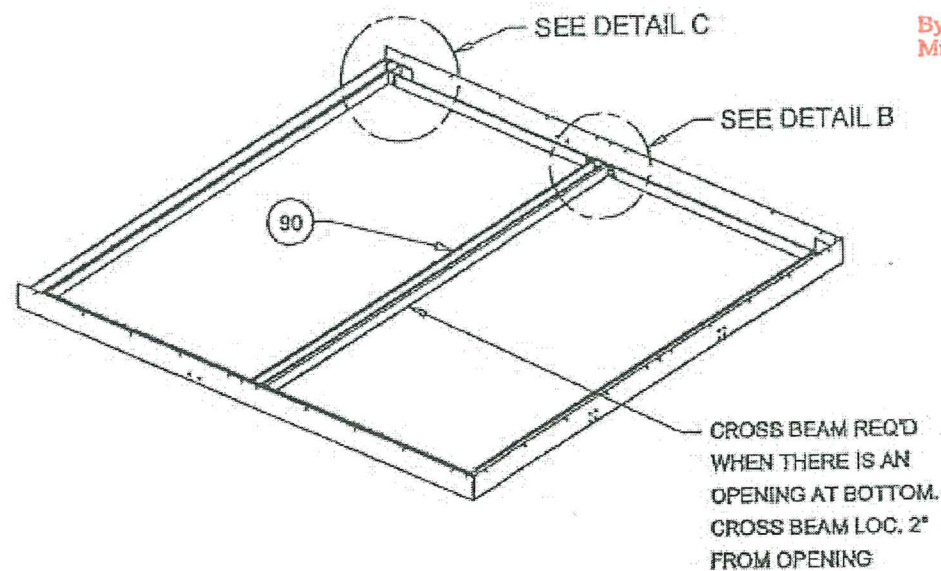
DRAWING #		DESC.	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	SECTION					
11 OF 46		TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		MOCK UP/DWG SHEET REF: 26, 28 OF 53	SCALE: NTS	DATE 16-SEP-2013

2ND LEVEL BASE RAIL DETAILS

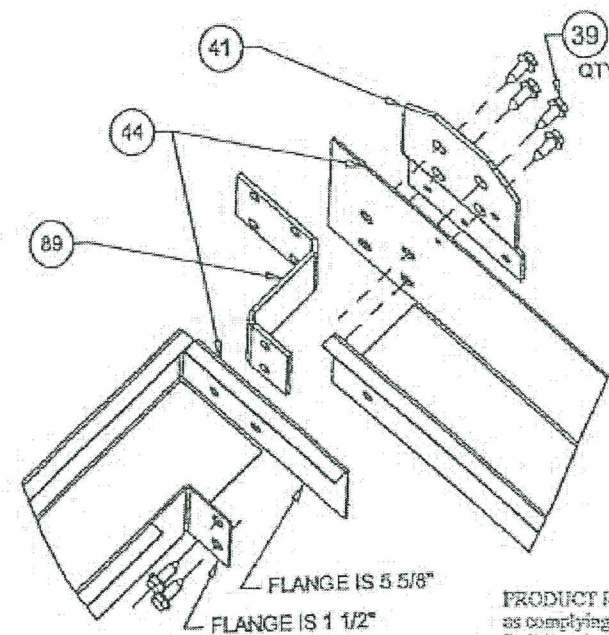


DETAIL B

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



DETAIL C

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1215.02
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. 14-1120.14
Expiration Date 01/05/2017
By H. G. A. Miller
Miami Dade Product Control

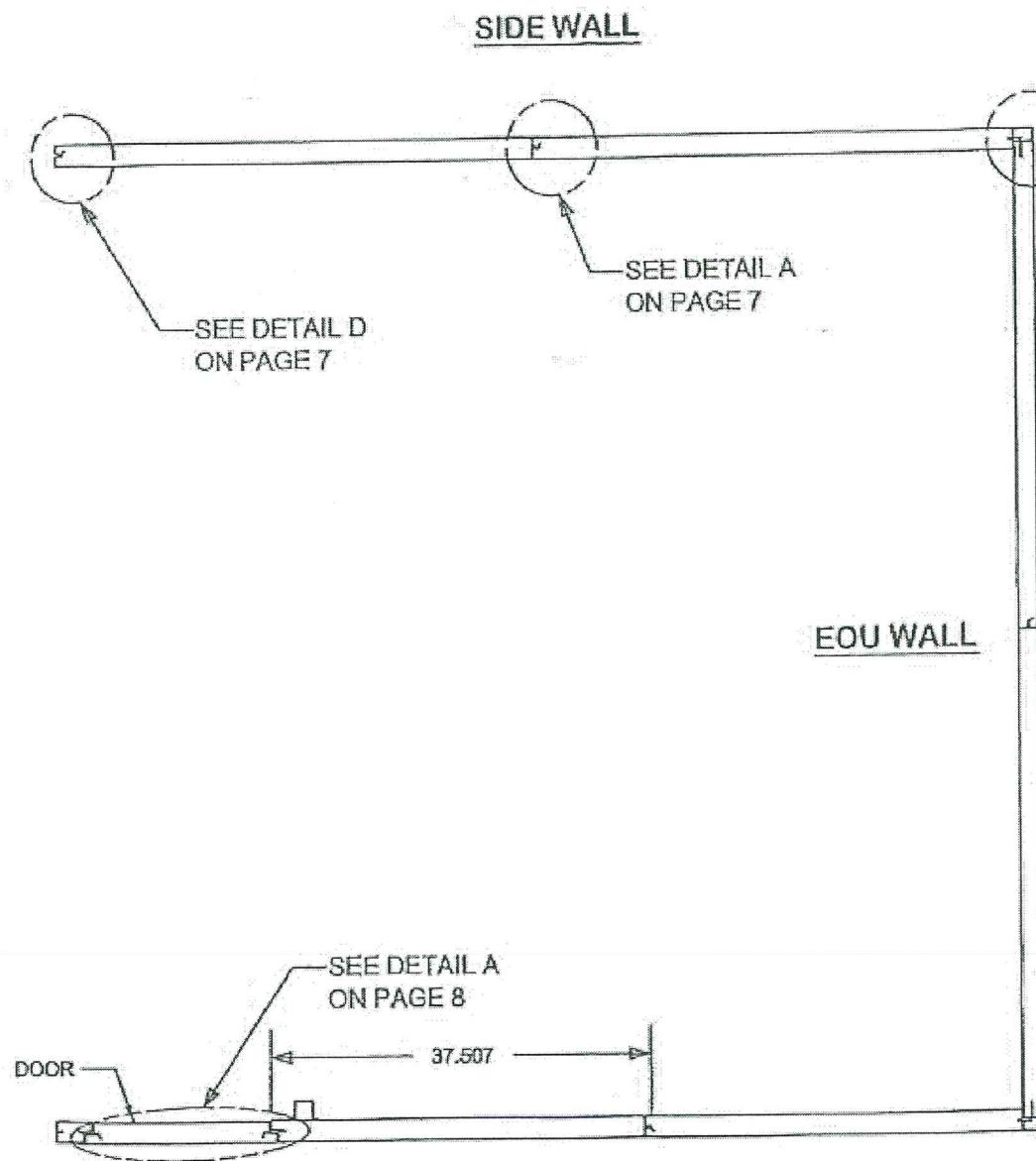
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By H. G. A. Miller
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
By NOAH 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 23 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	12 OF 46	SECTION		MOCK UP/DWG SHEET REF: 27, 34 OF 53	SCALE: NTS	DATE	16-SEP-2013
TRANE		US Inc.					

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

SIDE WALL

PRODUCT RENEWED
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. 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. 20-0819.10
Expiration Date JAN 05 2022
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

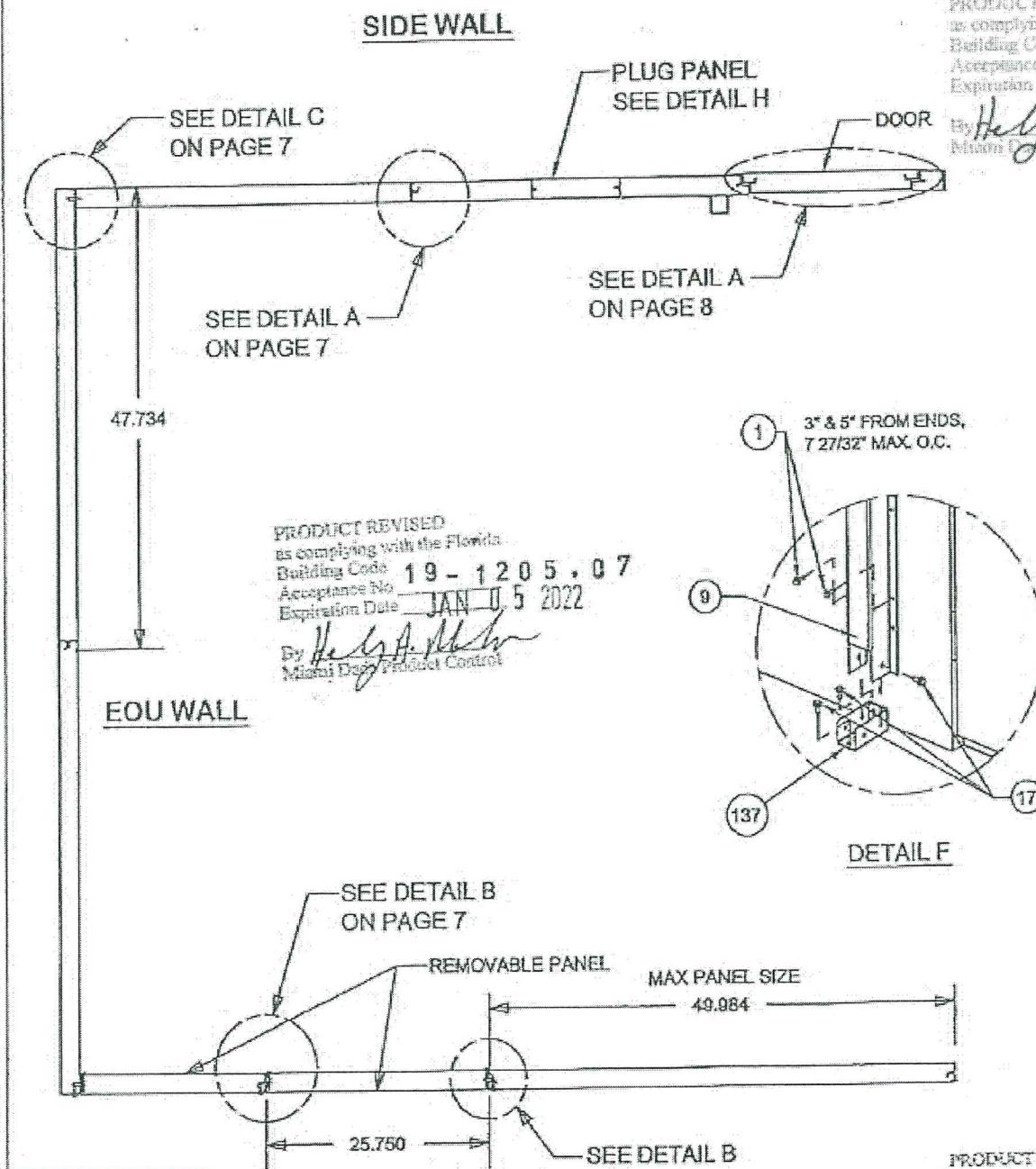
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 14-1120.14
Expiration Date 01/05/2017
By *Healy A. Miller*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 17-0622.01
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 2013

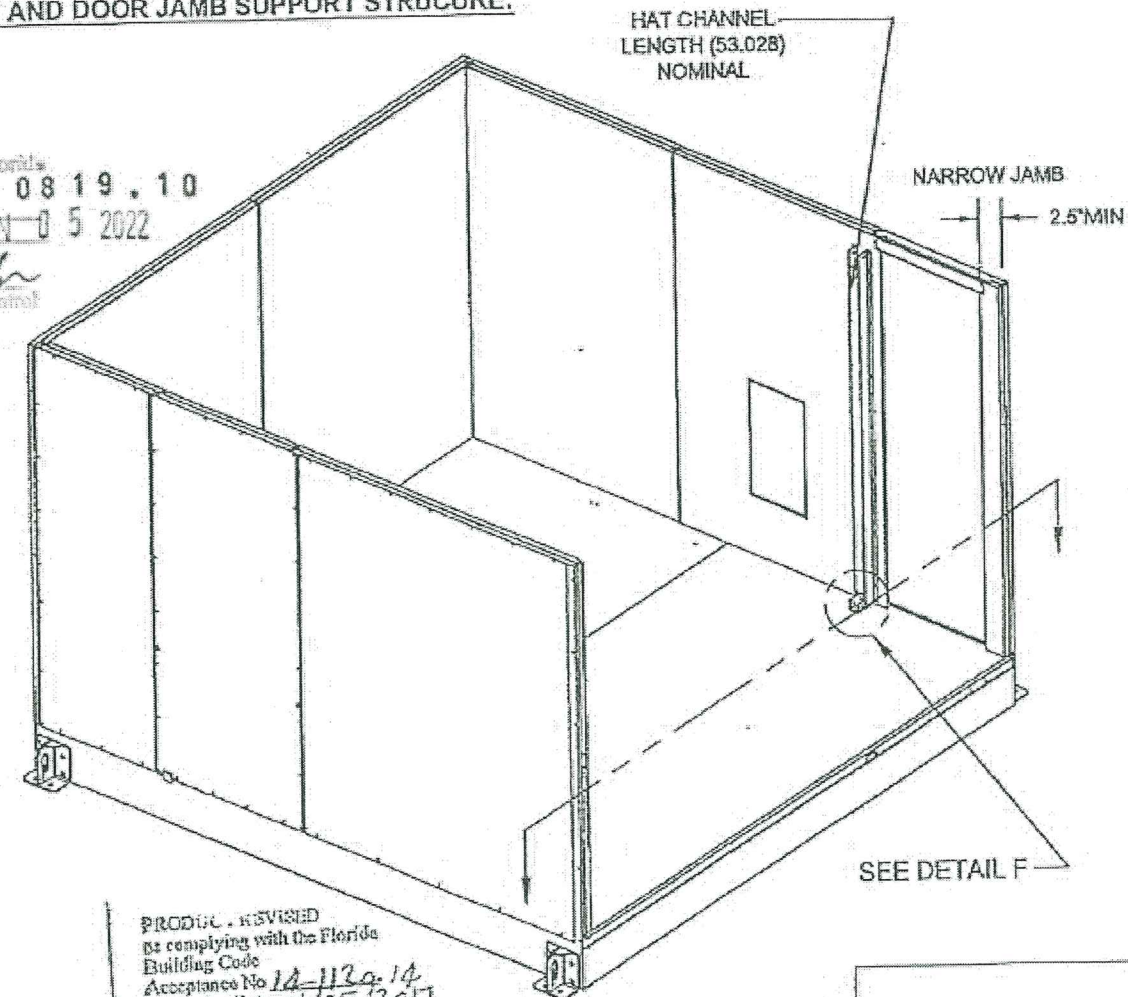
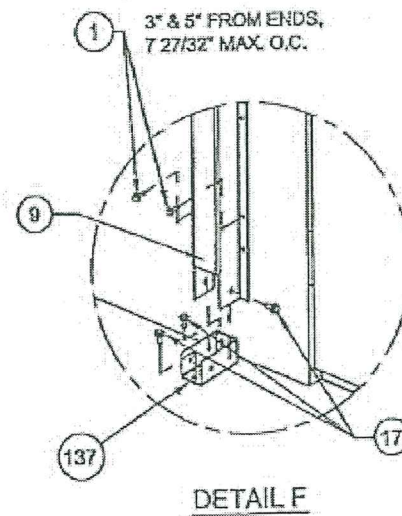
DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY KYUVARAJA	REV. A
SHEET	13 OF 46	SECTION			MOCK UP/OWG SHEET REF: 27, 34 OF 53	SCALE: NTS	DATE 16-SEP-2013

TYPICAL WALL PANEL LAYOUT AND DOOR JAMB SUPPORT STRUCTURE.

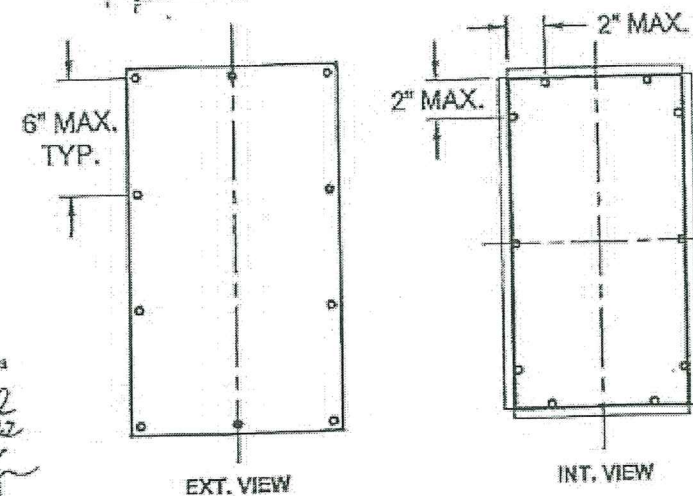


PRODUCT REVISED
as complying with the Florida
Building Code 20-0819.10
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Healy A. Maher*
Miami Dade Product Control

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



PRODUCT REVISED
as complying with the Florida
Building Code 18-1129.14
Acceptance No. 18-0212.04
Expiration Date 01/05/2022
By *Healy A. Maher*
Miami Dade Product Control



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. Maher*

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

PRODUCT REVISED
as complying with the Florida
Building Code 18-0212.04
Acceptance No. 18-0212.04
Expiration Date 01/05/2022
By *Healy A. Maher*
Miami Dade Product Control

DRAWING # AIRS0705
SHEET 14 OF 46

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

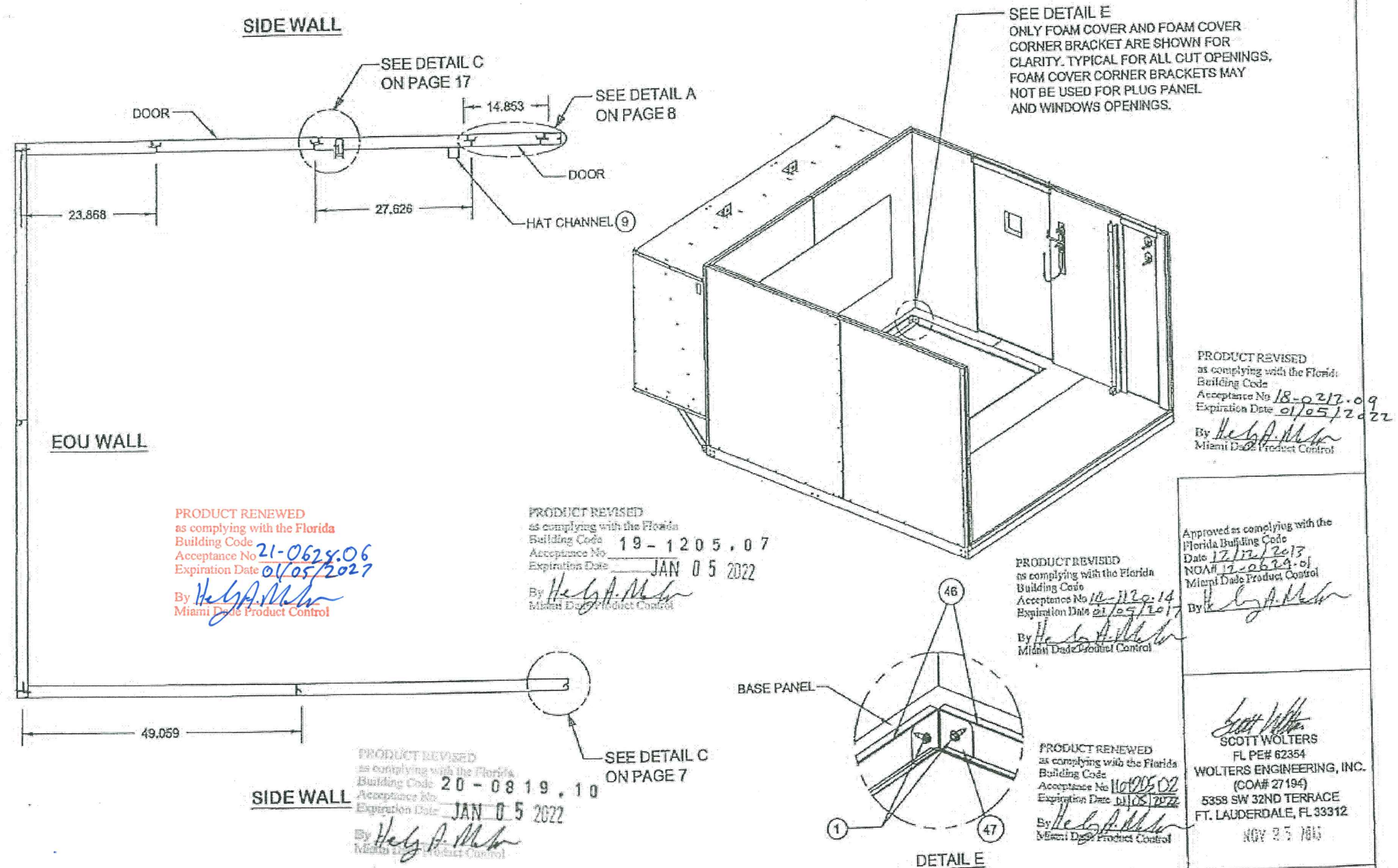
TRANE
US Inc.

REV. HISTORY
MOCK UP/DWG
SHEET REF: 27, 34 OF 53

BY: S.MCCLOSKEY
K.YUVARAJA
SCALE: NTS

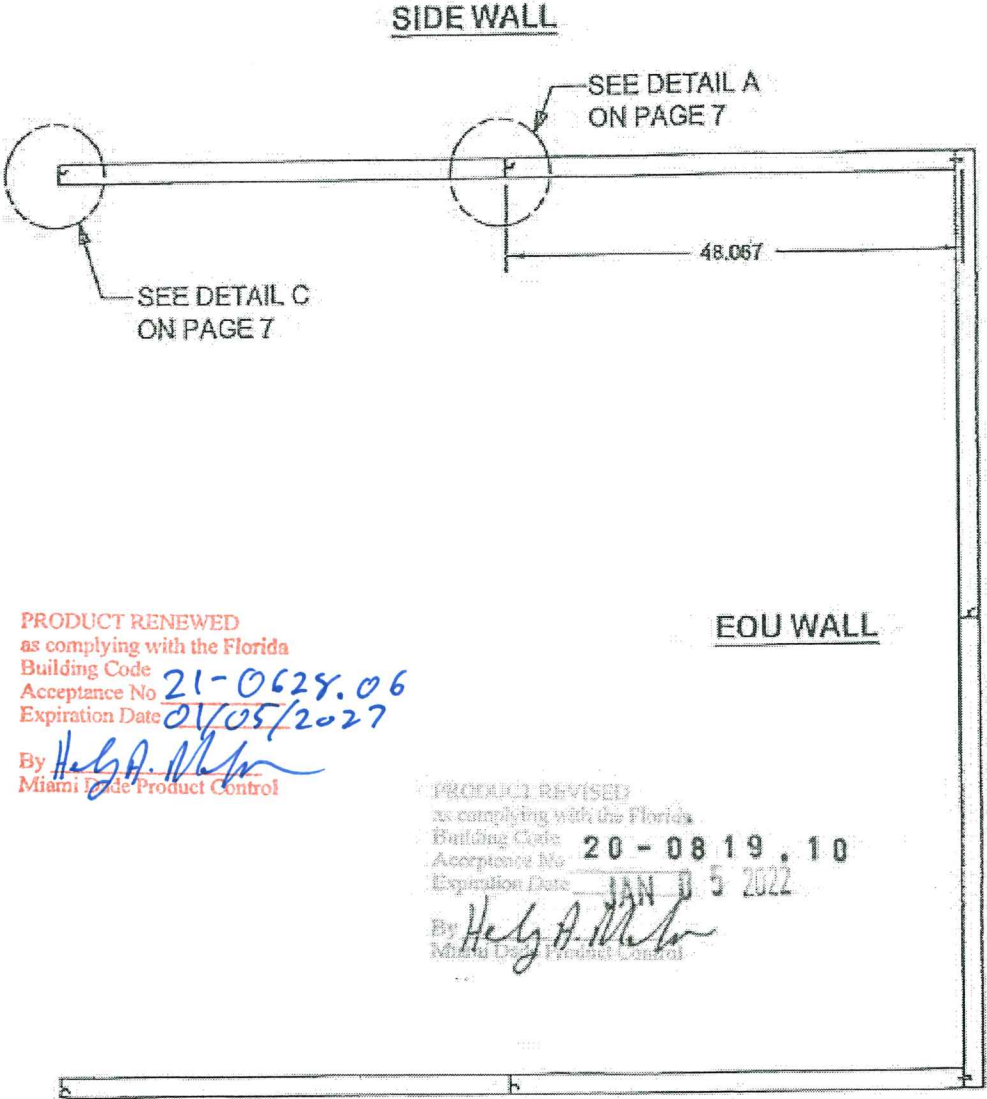
REV. A
DATE 16-SEP-2013

TYPICAL WALL PANEL LAYOUT SHOWING JAMB WITH AND WITHOUT SUPPORT STRUCTURE



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

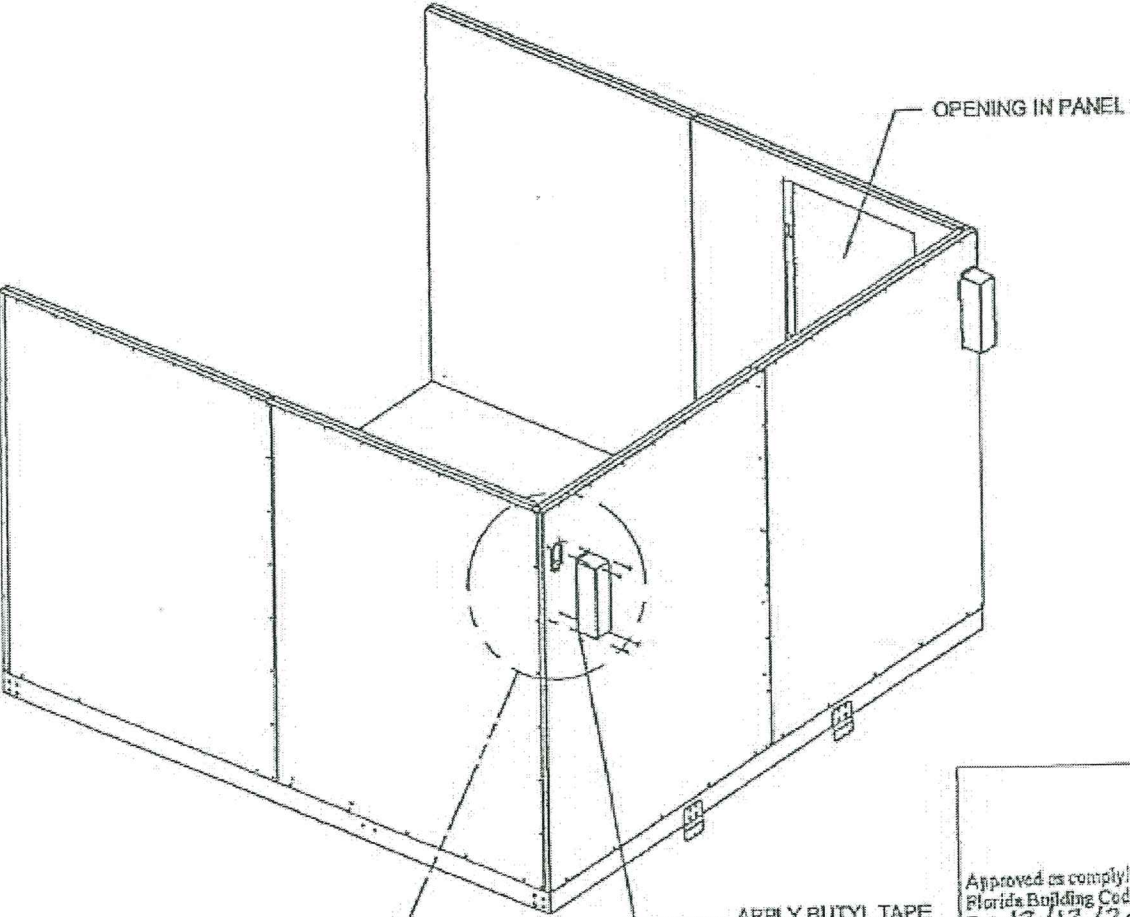


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 01/05/2027
By Hely A. M...
Miami Dade Product Control

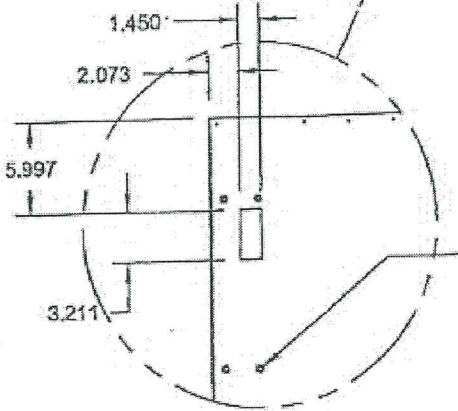
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By Hely A. M...
Miami Dade Product Control

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



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1120-14
Expiration Date 01/05/2017
By Hely A. M...
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 Hely A. 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 Hely A. M...

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27184)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2013

DRAWING #	AIRS0705
SHEET	16 OF 48
SECTION	

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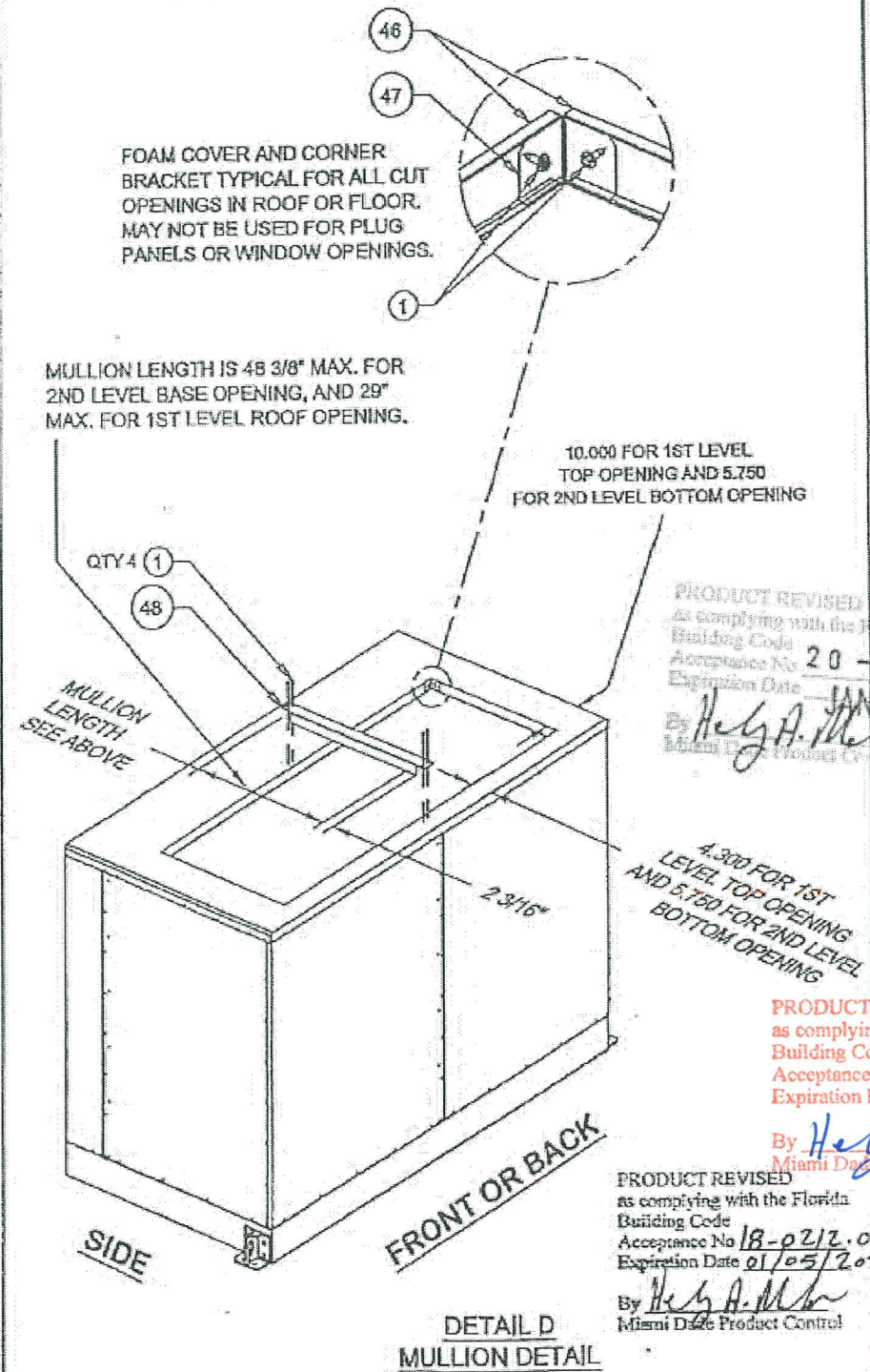
TRANE
US Inc.

REV. HISTORY	
MOCK UP DWG SHEET REF:	27, 34 OF 53

BY:	S.MCCLOSKEY KYUVARAJA
SCALE:	NTS

REV.	A
DATE	16-SEP-2013

OPENING SIZES & MULLION DETAILS ON BASE AND ROOF.

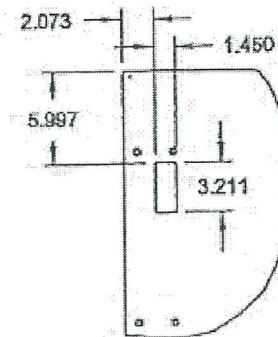


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 20-0819.10
Expiration Date JAN 05 2022
By *Healy A. Miller*
Miami Data Product Control

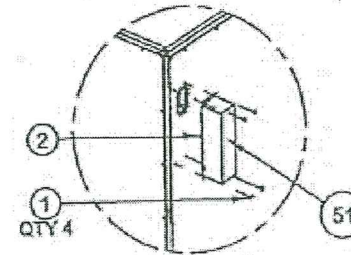
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 04/05/2027
By *Healy A. Miller*
Miami Data Product Control

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

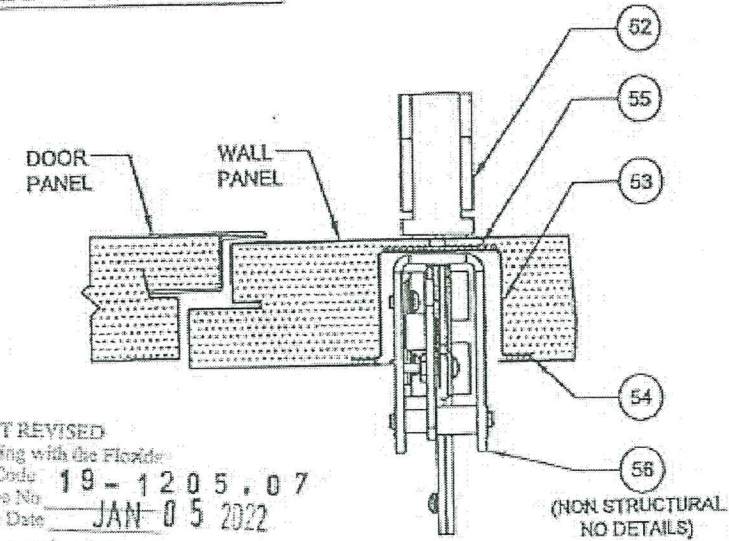
OTHER GENERIC COMPONENT



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



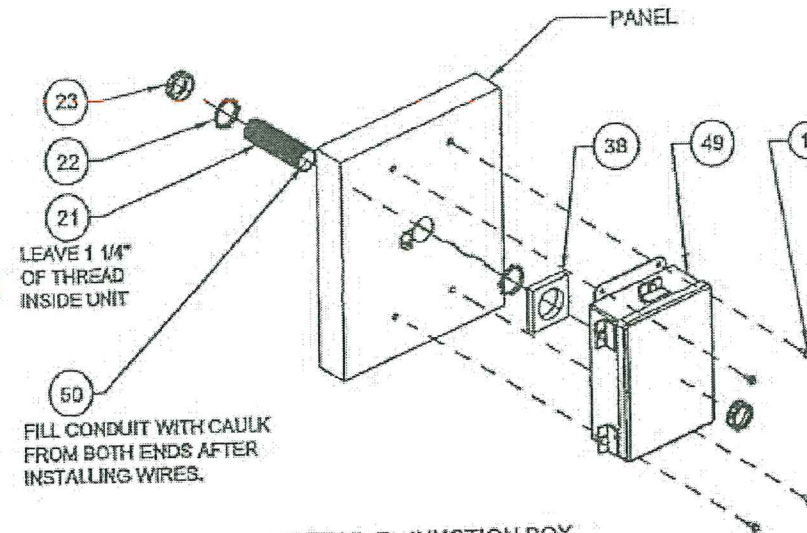
DETAIL B. FIELD-DRILLED HOLE DETAIL
APPLICABLE TO ALL PANELS



DETAIL C. DISCONNECT HANDLE
APPLICABLE TO ALL THE UNITS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1205.07
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



DETAIL E. JUNCTION BOX
APPLICABLE TO ALL THE UNITS

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

DRAWING # AIRS0705
SHEET 17 OF 48
SECTION

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

TRANE
US Inc.

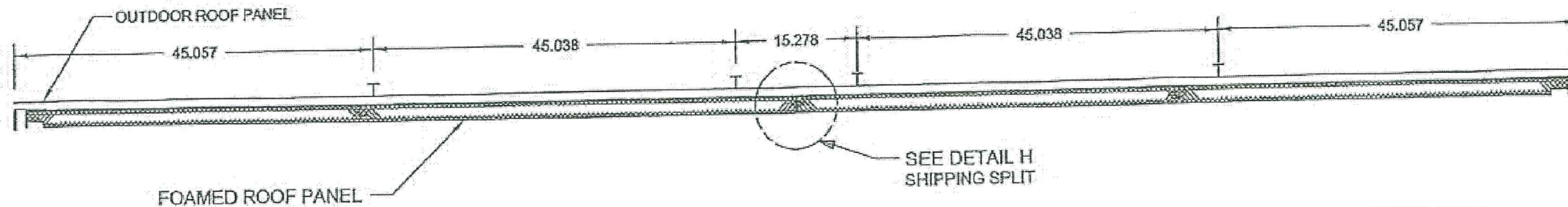
REV. HISTORY
MOCK UP/DWG
SHEET REF. 7, 11, 21, 22 OF 53

BY: S.MCCLOSKEY
K.YUVARAJA
SCALE: NTS

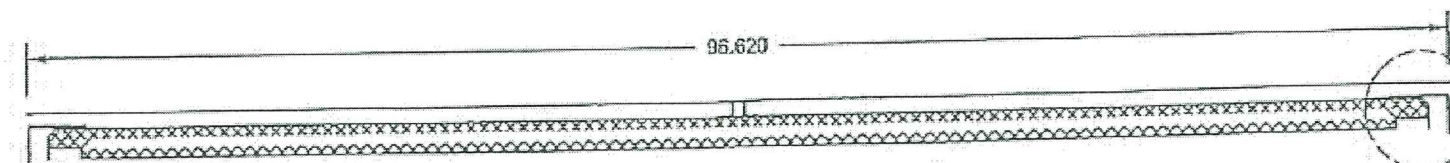
REV. A
DATE 16-SEP-2013

ROOF PANEL CONSTRUCTION

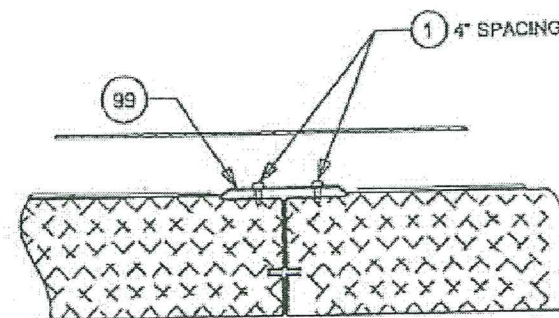
OUTDOOR ROOF TO ROOF PANEL



SECTION X-X



SECTION Y-Y



DETAIL H

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

PRODUCT REVISED
as complying with the Florida
Building Code 19-1205.07
Acceptance No. *11-1205.02*
Expiration Date 01/05/2022
By *Healy A. McInerney*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-1205.02
Expiration Date 01/05/2022
By *Healy A. McInerney*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 18-0212.09
Acceptance No. *18-1120.14*
Expiration Date 01/05/2022
By *Healy A. McInerney*
Miami Dade Product Control

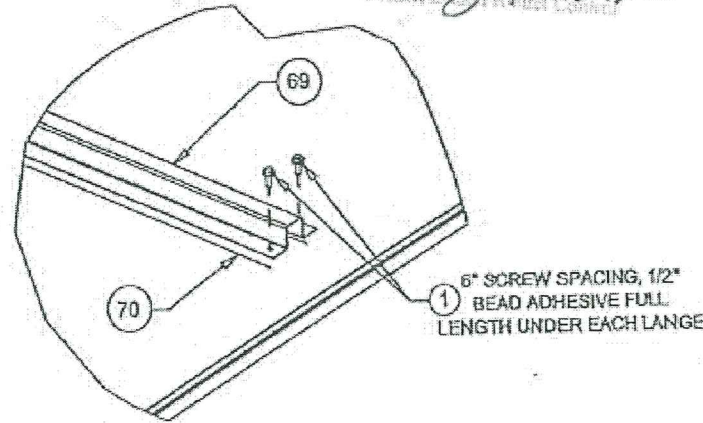
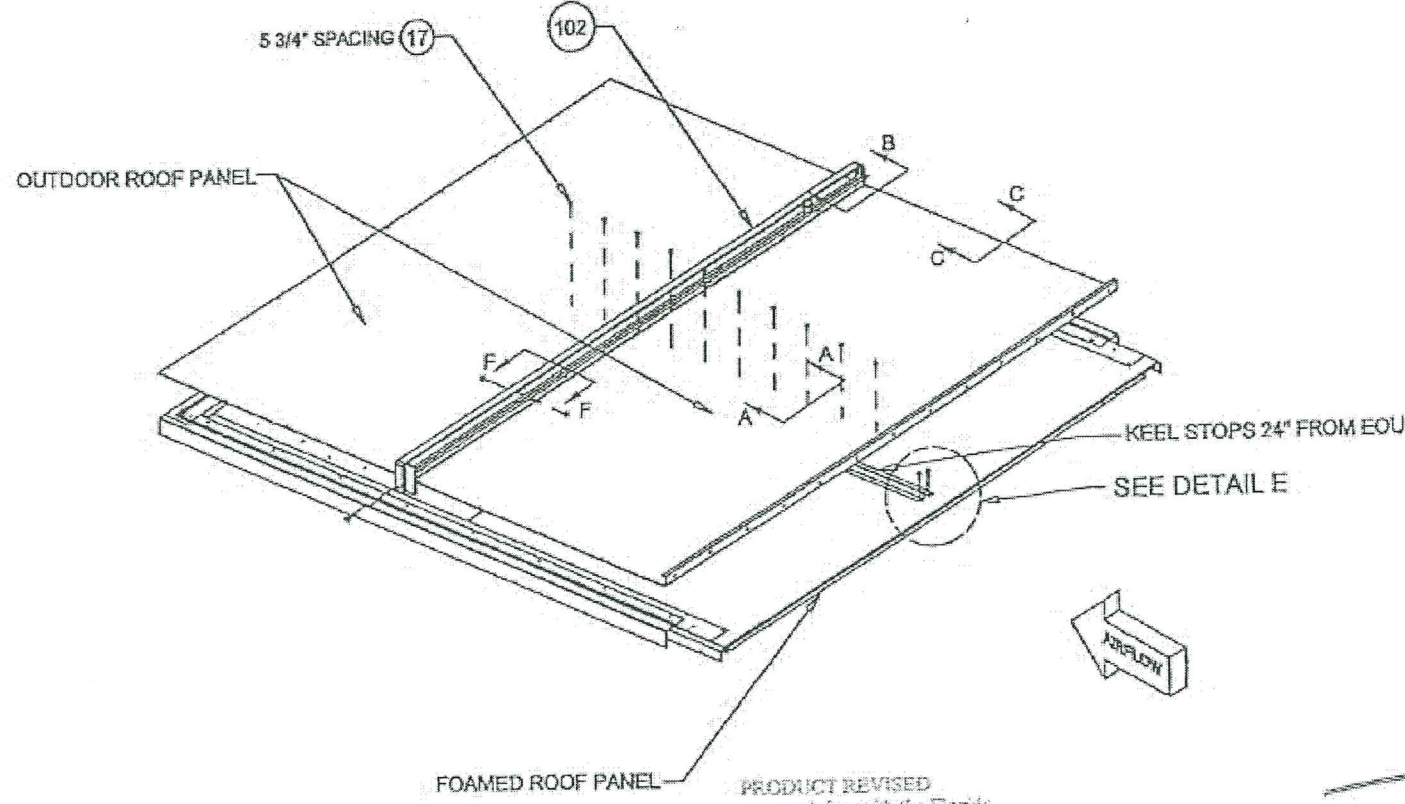
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1120.14
Expiration Date 01/05/2022
By *Healy A. McInerney*
Miami Dade Product Control

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

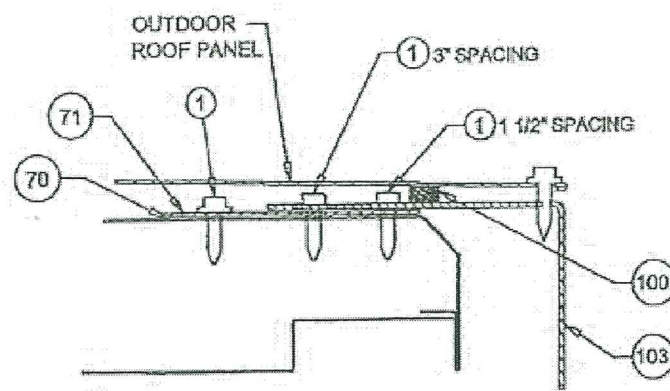
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 2013

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	18 OF 46	SECTION			MOCK UP/DWG SHEET REF: 7, 11, 21, 22 OF 53	SCALE: NTS	DATE 16-SEP-2013

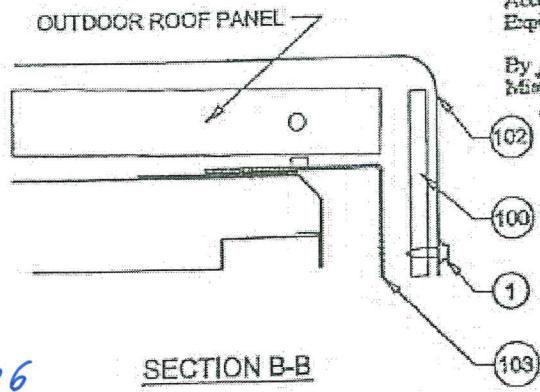
OUTDOOR ROOF DETAILS



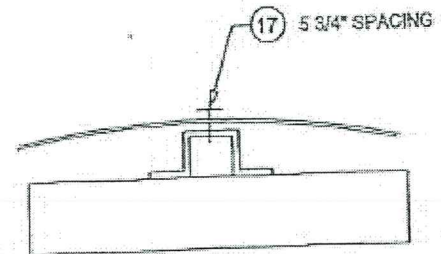
DETAIL E



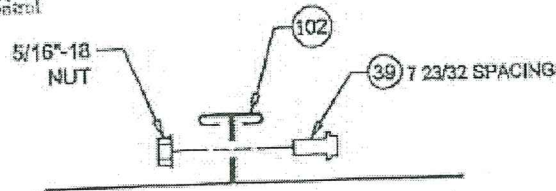
SECTION C-C



SECTION B-B



SECTION A-A



SECTION F-F

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. 16-1120.10
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
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Building Code
Acceptance No. 14-1120.10
Expiration Date 01/05/2021
By *Hedy A. Miller*
Miami Dade Product Control

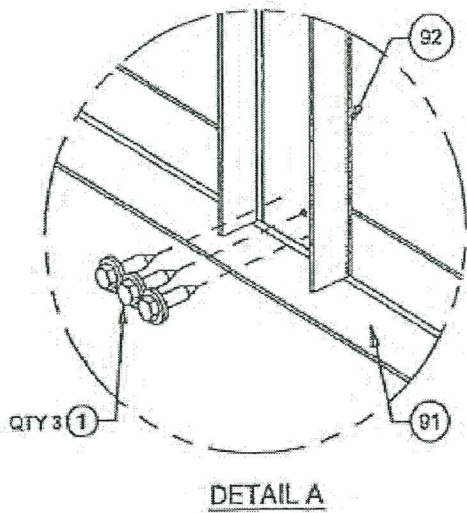
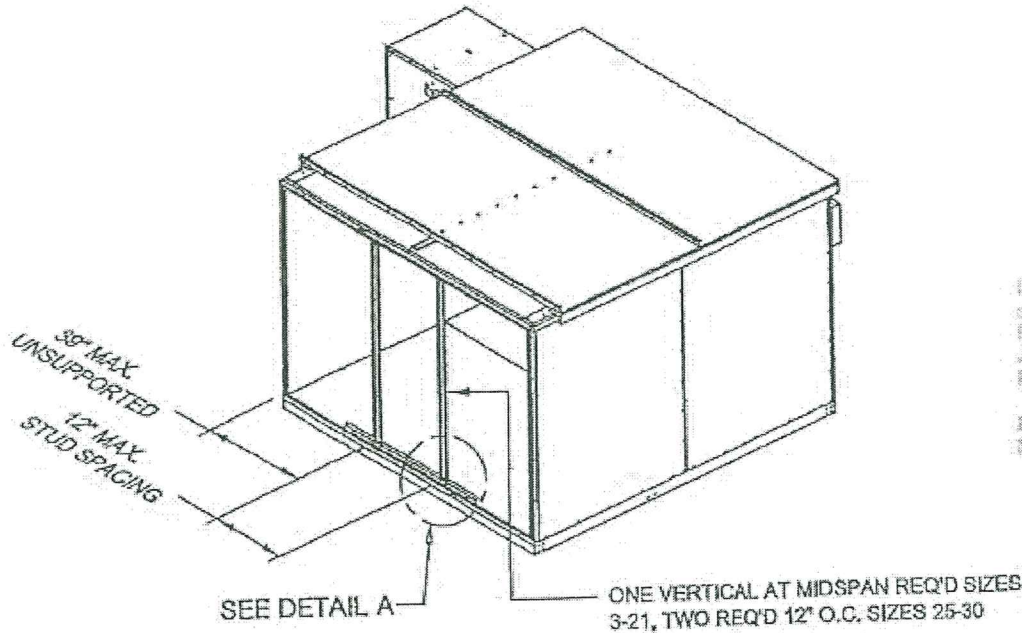
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 17-0629.01
Miami Dade Product Control
By *Hedy A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COAF# 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 *Hedy A. Miller*
Miami Dade Product Control

DRAWING #		DESC.	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	SECTION			MOCK UP/DWG SHEET REF:	SCALE: NTS	DATE 16-SEP-2013
AIRS0705		TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		31, 32 OF 53		
19 OF 46						

BUILD GROUP / SHIPPING SPLIT CONSTRUCTION
DETAILS FOR STANDARD UNIT



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0628.06
Expiration Date 01/05/2021
By *Healy 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 *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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-1205.02
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

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

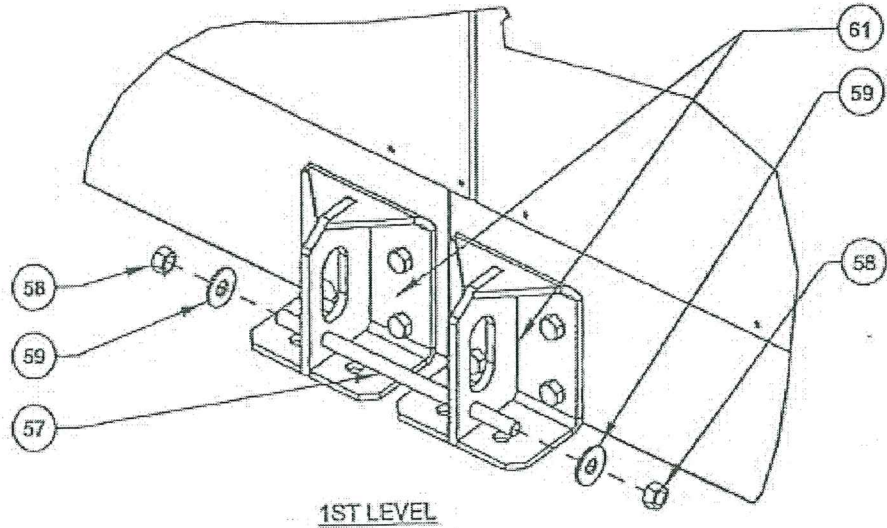
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 19-0628.01
Miami Data Product Control
By *Healy A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27, 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	20 OF 46	SECTION		MOCK UP/2WG SHEET REF: 31, 32 OF 53	SCALE: NTS	DATE	16-SEP-2013
TRANE US Inc.							

BUILD GROUP/ SHIPPING SPLIT JOIN DETAILS AT THE BASE RAIL.

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

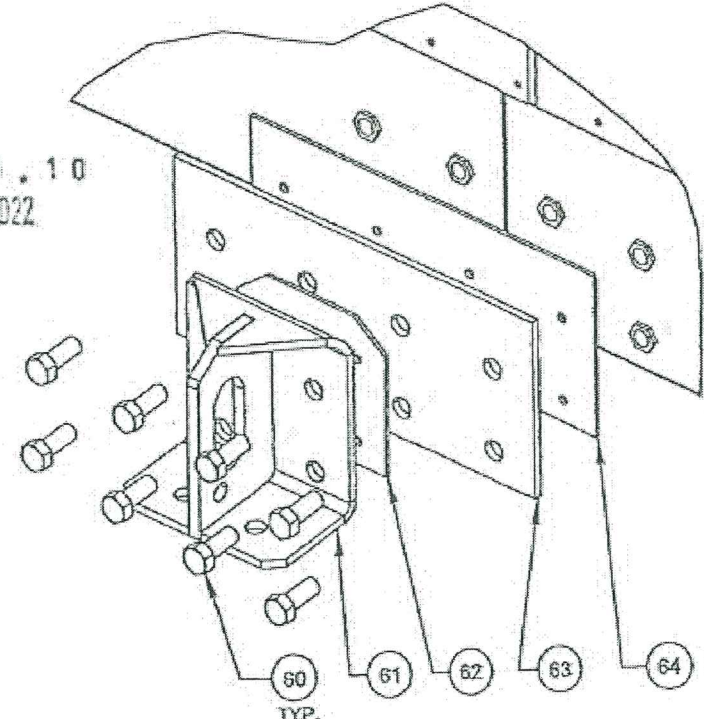


1ST LEVEL

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 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

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.

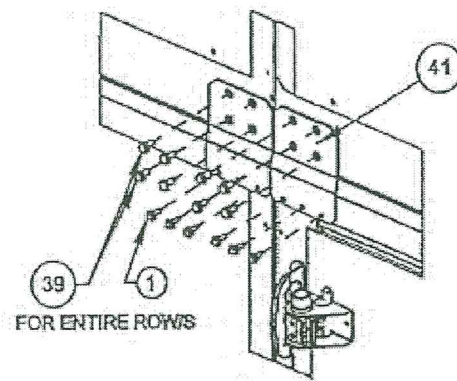


1ST LEVEL

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1129.14
Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Dade Product Control

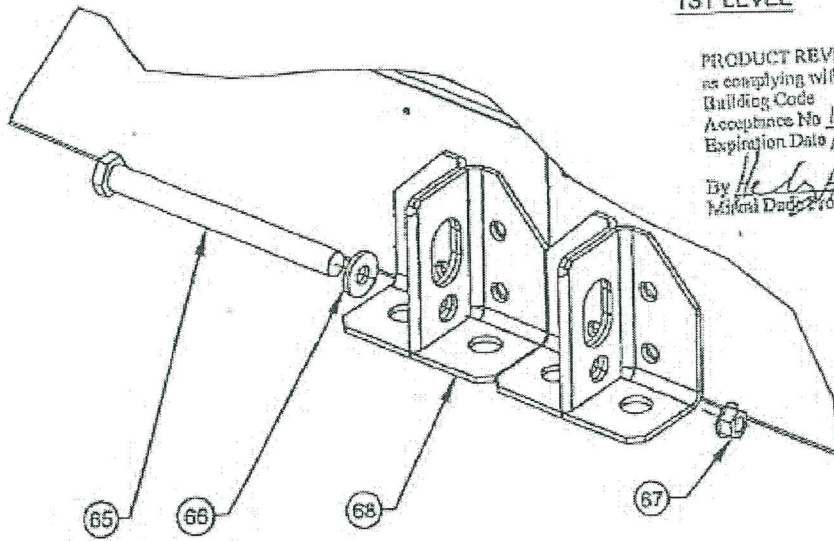
- NOTES:
1. SECTIONS / BUILDGROUPS PULLED TOGETHER WITH THREADED ROD.
 2. IF NEEDED, THIS CAN BE WITH ITEM 63 OR LEAVE IT AS IS WITH THREADED ROD.
 3. FOR 2ND LEVEL, THE THREADED BOLT IS USED TO PULL THE SECTION / BUILD GROUPS TOGETHER AND ONCE FASTENED TOGETHER, THE LIFTING LUGS 68 CAN BE REPLACED BY ITEM 41. SEE THAT ATTACHMENT DETAIL H ON THIS SHEET.



DETAIL H. STACKED UNIT BRACKET
AT SHIPPING SPLIT DETAIL

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 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



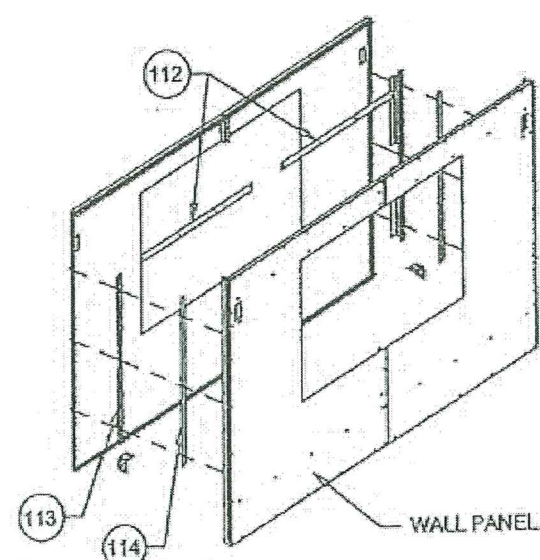
USE HEX MACHINE BOLT TO PULL BUILD GROUPS TOGETHER (2ND LEVEL)

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

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

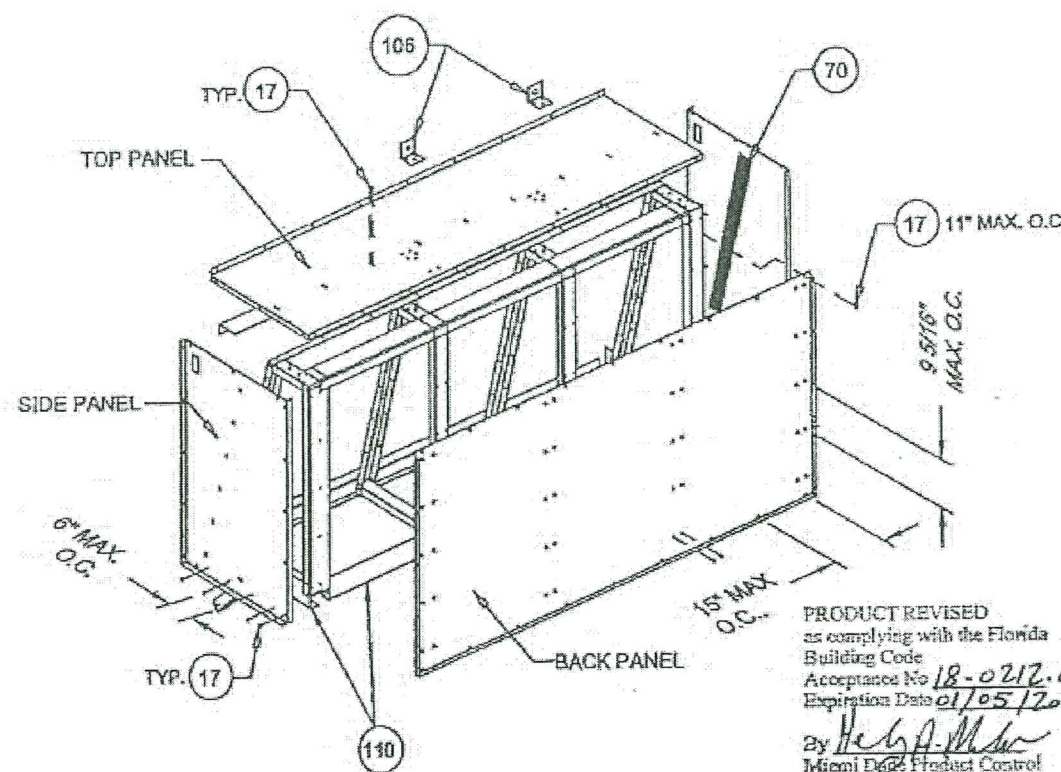
HOOD ATTACHMENT FEATURES



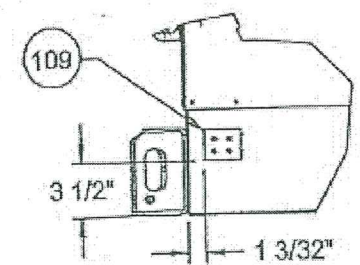
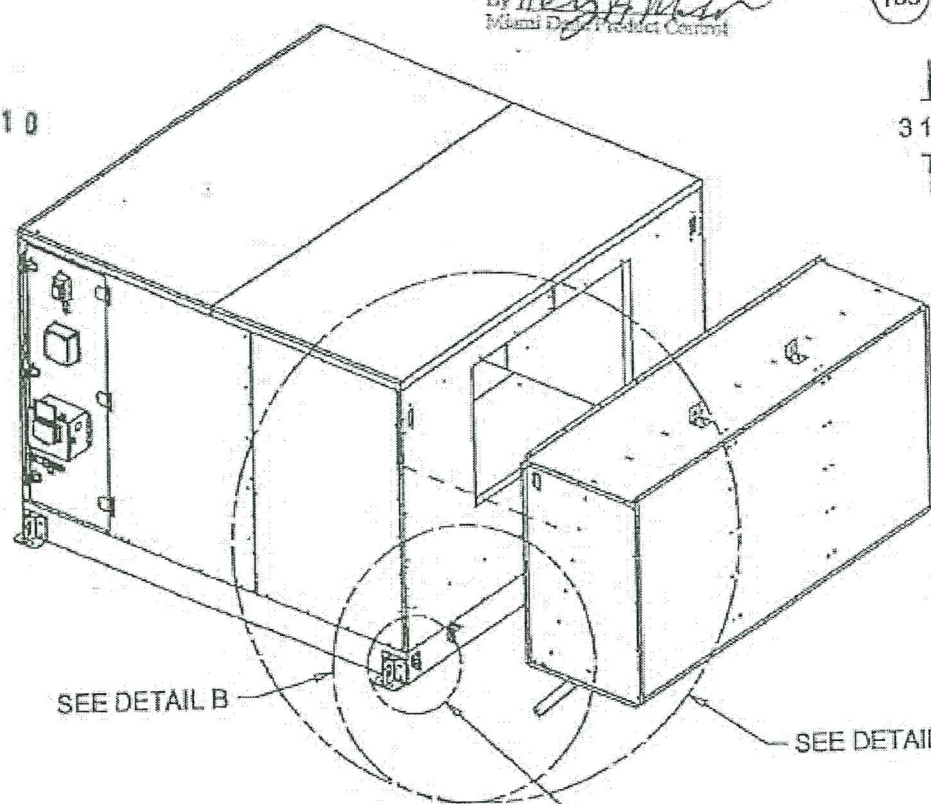
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **JAN 05 2022**
Expiration Date **20-08-19-10**
By *Healy A. Mohr*
Miami Date Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **21-0624-06**
Expiration Date **01/05/2027**
By *Healy A. Mohr*
Miami Date 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.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **18-0212-09**
Expiration Date **01/05/2022**
By *Healy A. Mohr*
Miami Date Product Control

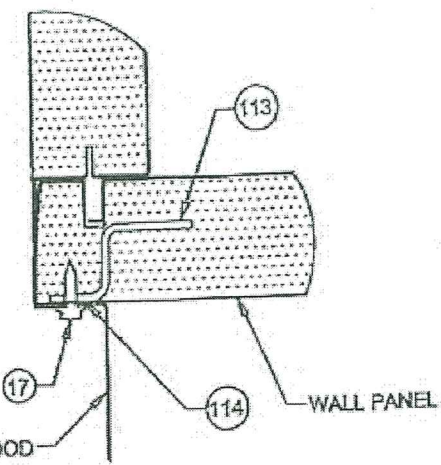


DETAIL C

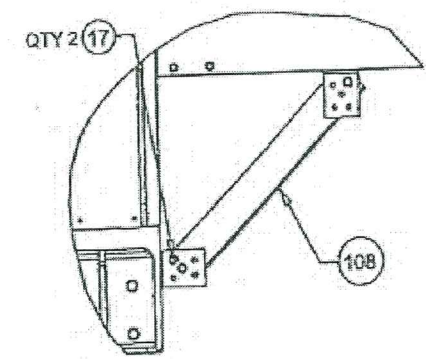
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **19-1130-14**
Expiration Date **01/05/2017**
By *Healy A. Mohr*
Miami Date Product Control

HOOD ATTACHMENT

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. **11-1205-02**
Expiration Date **01/05/2012**
By *Healy A. Mohr*
Miami Date Product Control



DETAIL A



DETAIL B
FRONT/BACK HOODS ONLY

Approved as complying with the
Florida Building Code
Date **12/12/2013**
NOA# **12-0624-01**
Miami Date Product Control
By *Healy A. Mohr*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
6358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2013

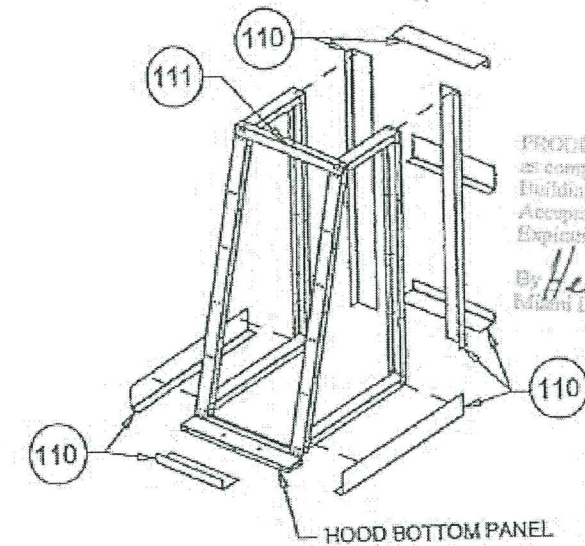
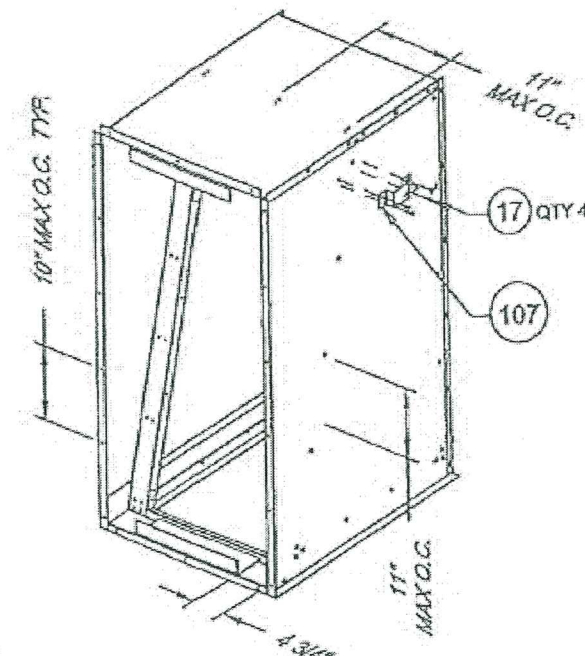
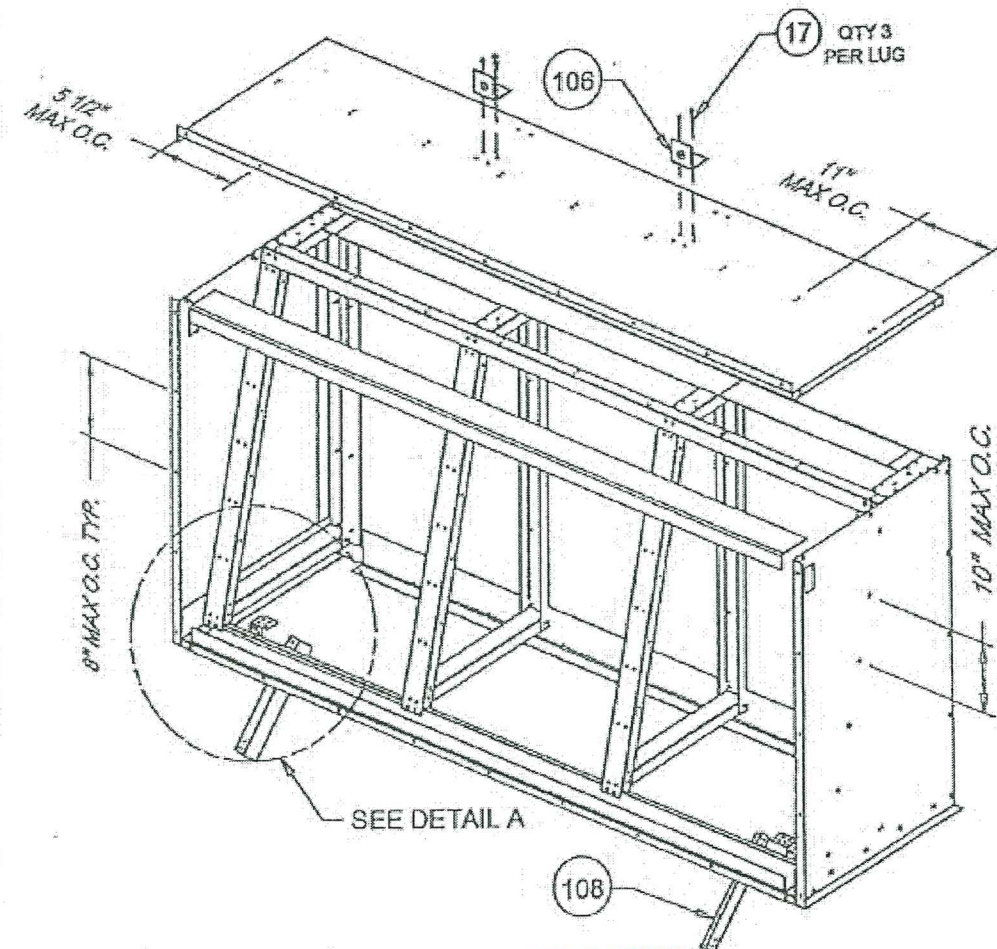
DRAWING # AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET 22 OF 46	SECTION			MOCK UP/DWG SHEET REF: 40, 42 OF 53	SCALE NTS	DATE 16-SEP-2013

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.

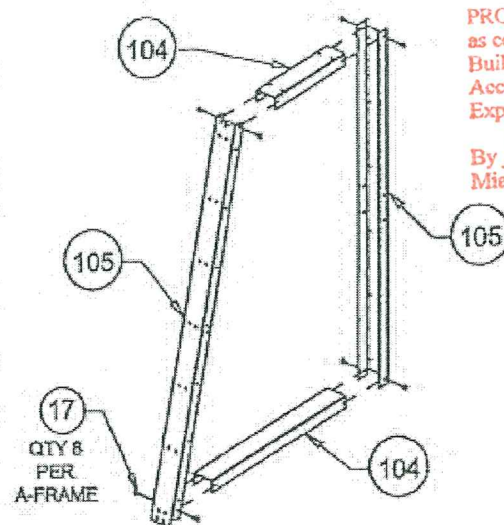
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205-07
Expiration Date JAN 05 2022
By *Hely A. M...*
Miami Design Product Control



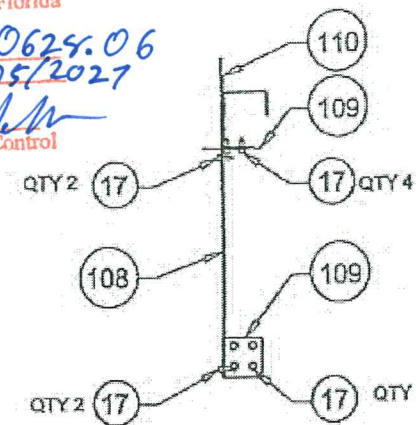
PRODUCT REVISED
as complying with the Florida
Building Code 20-0919-10
Acceptance No.
Expiration Date JAN 05 2022
By *Hely A. M...*
Miami Design Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-1120-16
Expiration Date 01/05/2017
By *Hely A. M...*
Miami Design Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code 161205-02
Acceptance No.
Expiration Date 01/05/2022
By *Hely A. M...*
Miami Design Product Control

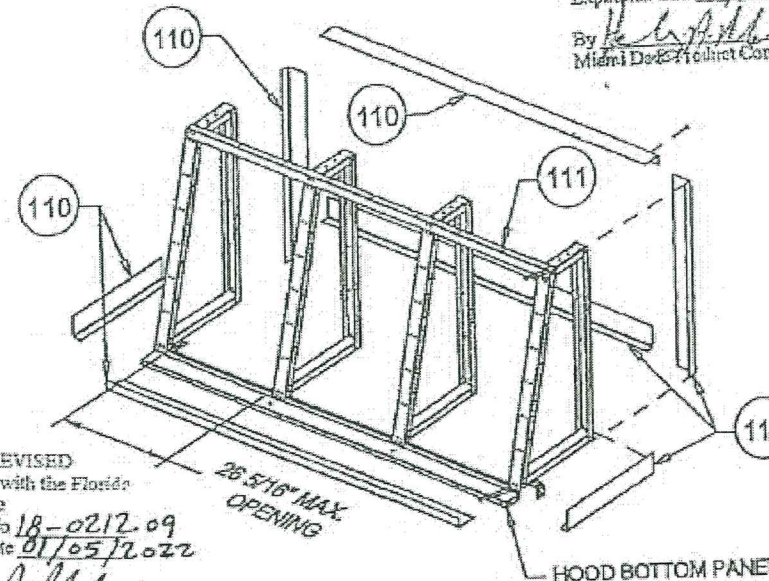


PRODUCT RENEWED
as complying with the Florida
Building Code 21-0624-06
Acceptance No.
Expiration Date 01/05/2022
By *Hely A. M...*
Miami Design Product Control



DETAIL A

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212-09
Expiration Date 01/05/2022
By *Hely A. M...*
Miami Design Product Control



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

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5353 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2015

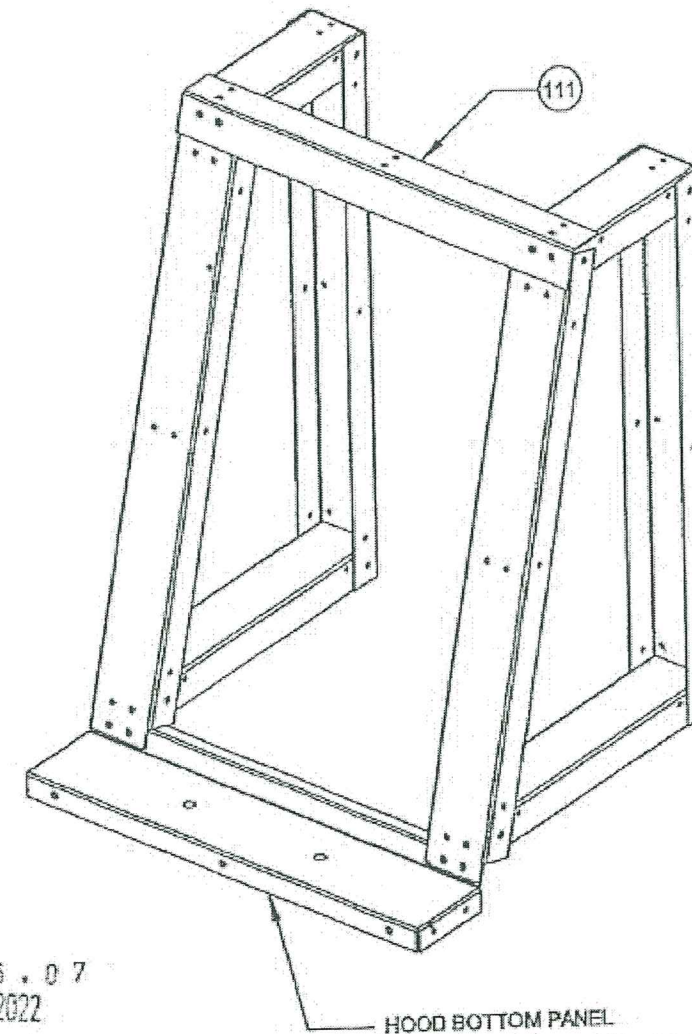
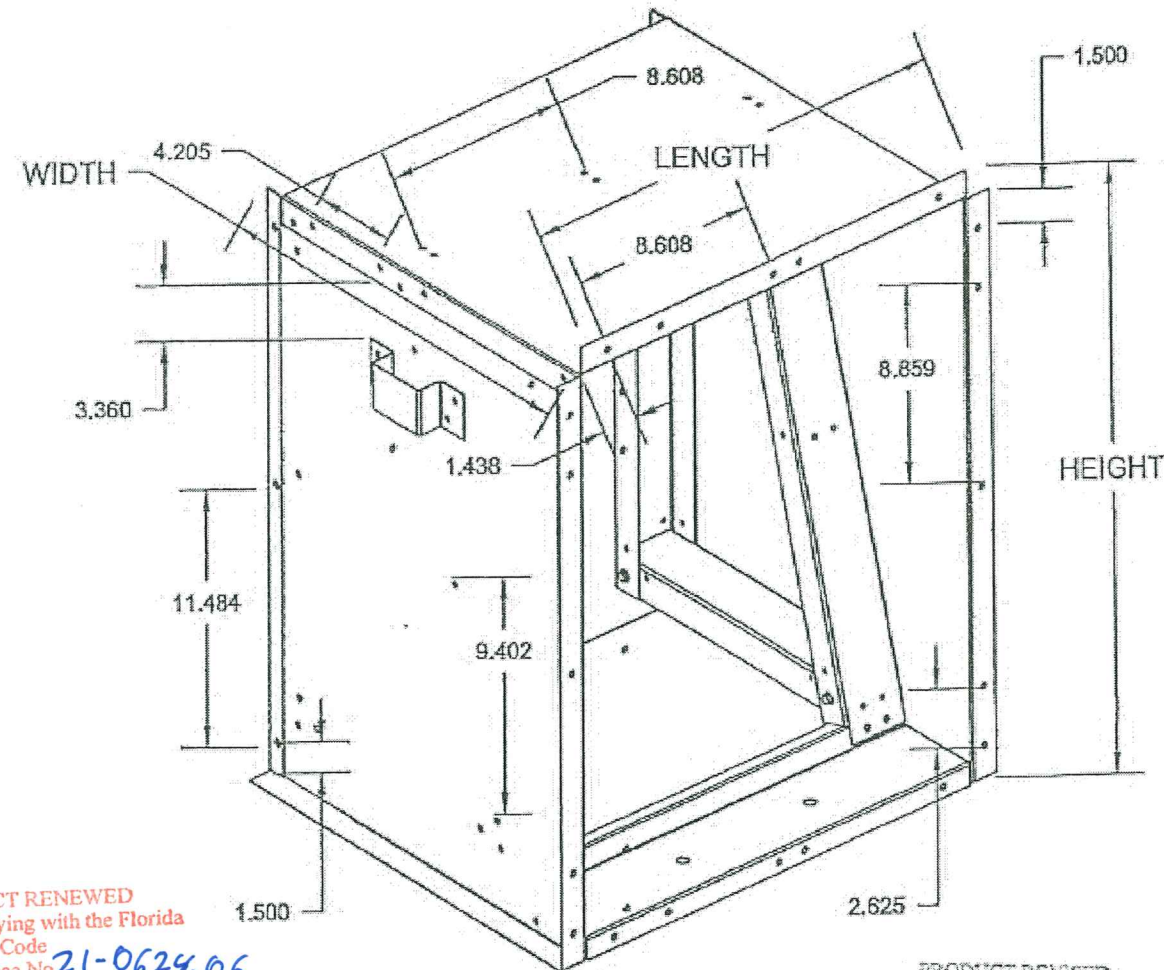
DRAWING #	AIRS0705	DESC.	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV.	A
SHEET	23 OF 46	SECTION		MOCK UP/DWG SHEET REF:	36-41 OF 53	SCALE:	NTS
						DATE	16-SEP-2013

TRANE
US Inc.

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

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

- 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.



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 11-1205.02
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# 12-0629.01
Miami Dade 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. 21-0624.06
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

HOOD DESCRIPTION	LENGTH	WIDTH	HEIGHT
GAS HEAT INLET HOOD	22.780"	19.646"	27.250"

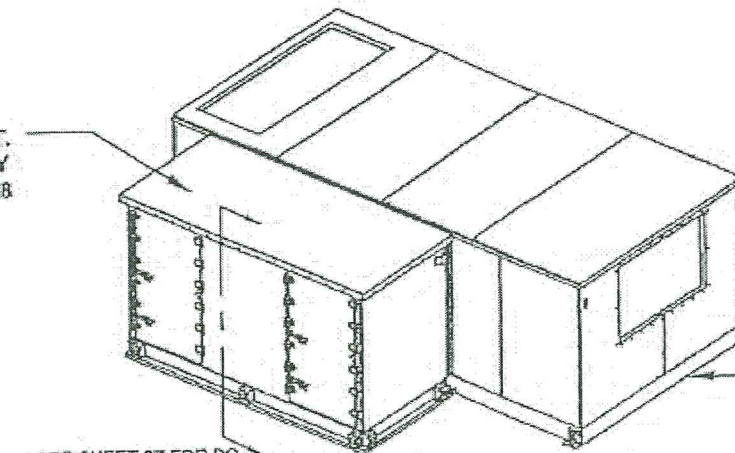
A FRAME ASSEMBLY

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

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	24 OF 46	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)

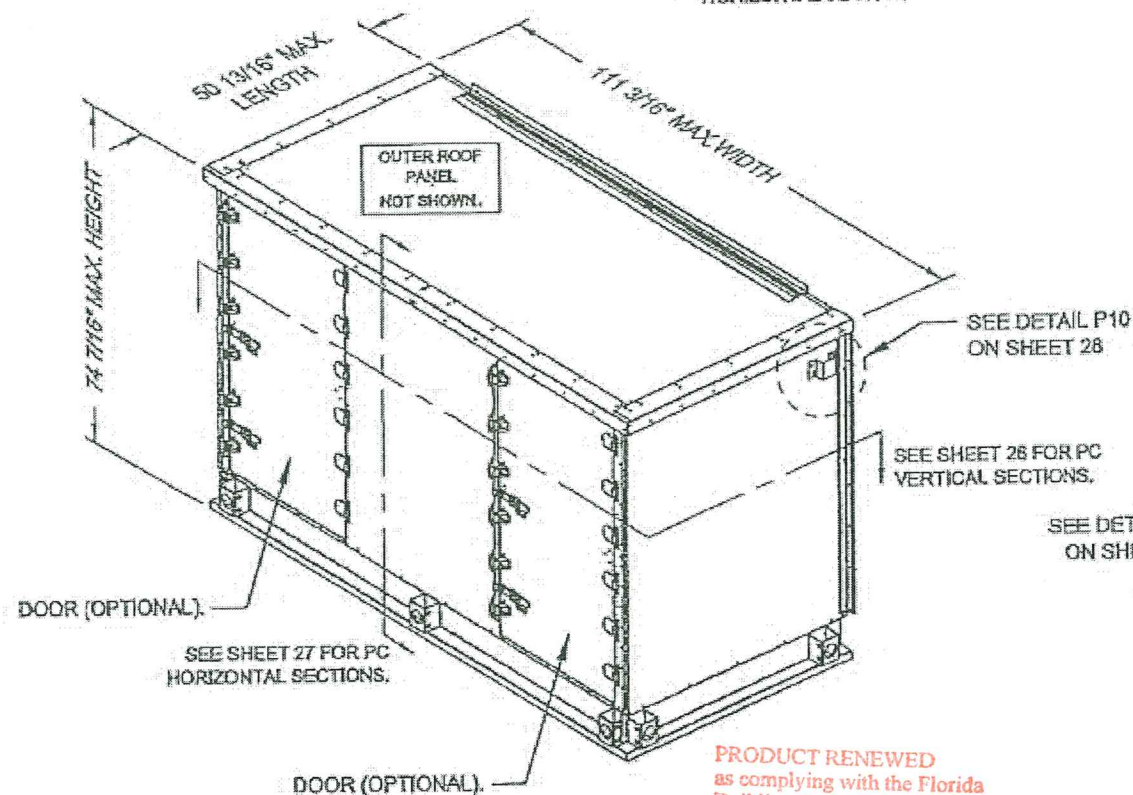


SEE SHEET 27 FOR PC
HORIZONTAL SECTIONS.

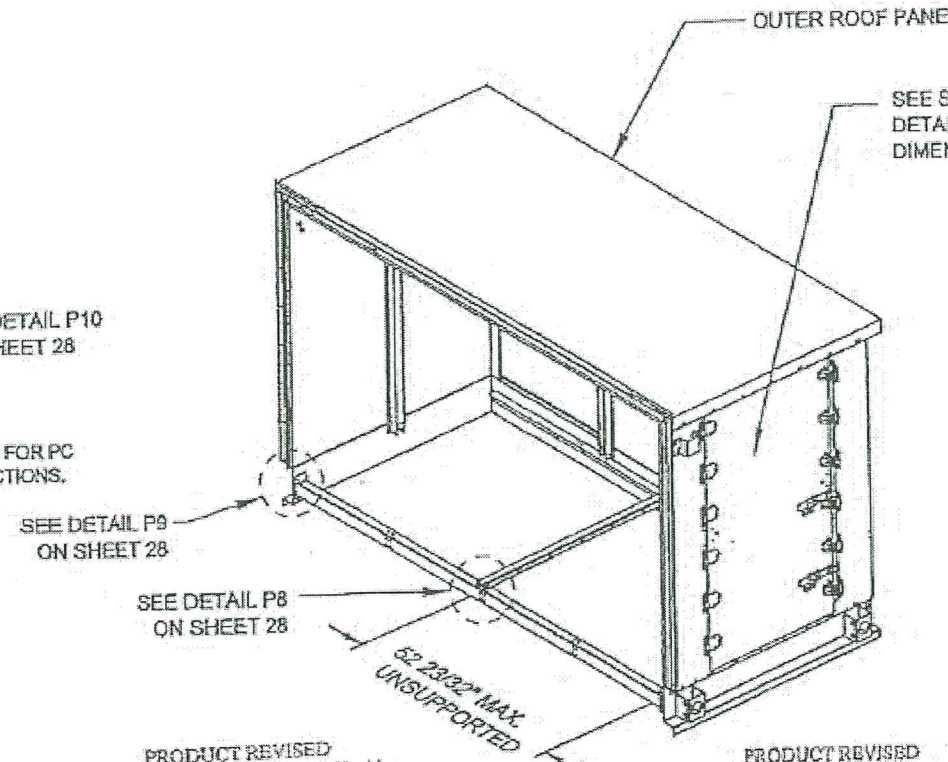
STANDARD AHU

PRODUCT REVISED
as complying with the Florida
Building Code 20-0819.10
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 19-1205.07
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 21-0624.06
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 18-0212.09
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT RENEWED
as complying with the Florida
Building Code 16-1005.02
Acceptance No. 16-1005.02
Expiration Date 01/05/2022
By *Healy A. Miller*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 14-1120.14
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# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING # AIRS0705
SHEET 25 OF 46 SECTION

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

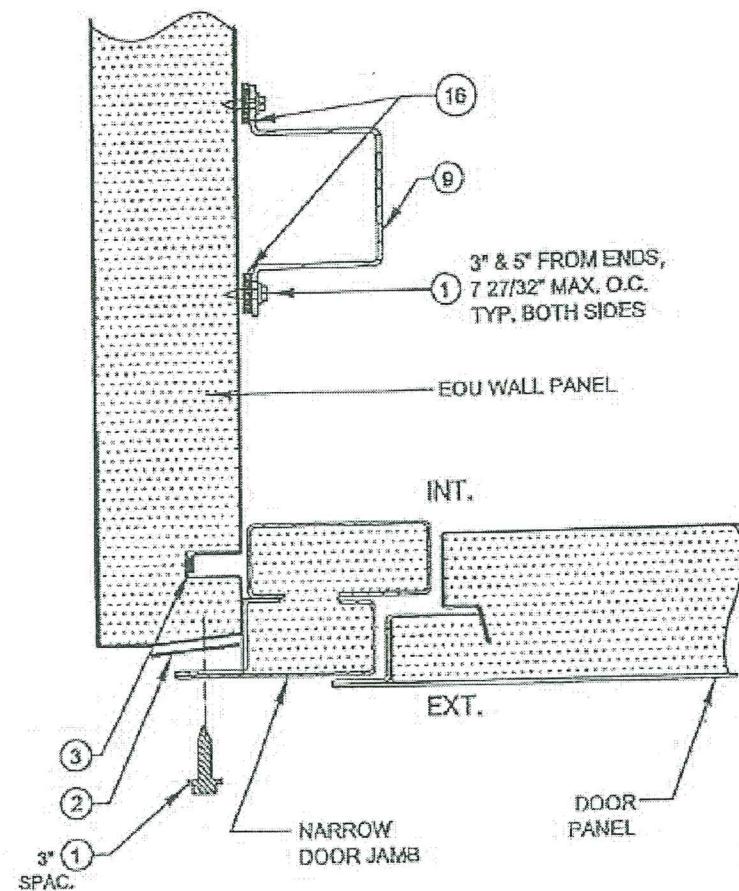
TRANE
US Inc.

REV. HISTORY
MOCK UP/OWG SHEET REF. 2, 4, 5 OF 19

BY: S.MCCLOSKEY
K.YUVARAJA
SCALE: NTS

REV. A
DATE 16-SEP-2013

PIPE CABINET DETAILS



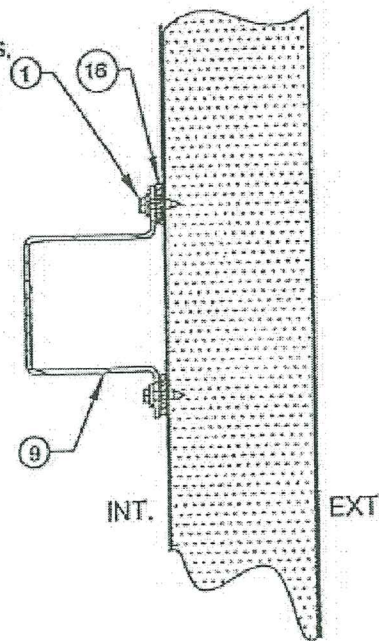
DETAIL P1. DOOR TO EOU

PRODUCT RENEWED
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

SEE DETAIL P1 ON THIS SHEET

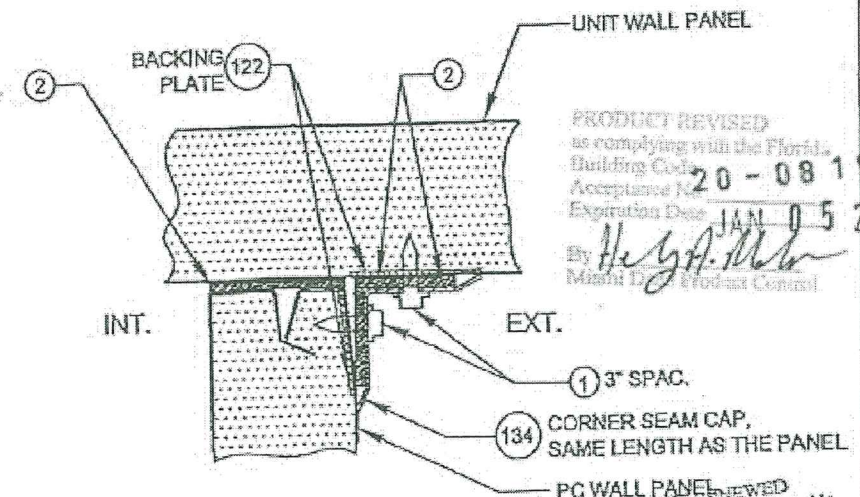
NOTES:
1. DOORS ARE OPTIONAL.

3" & 5" FROM ENDS,
7 27/32" MAX. O.C.
TYP. BOTH SIDES



DETAIL P2. HAT CHANNEL TO WALL

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

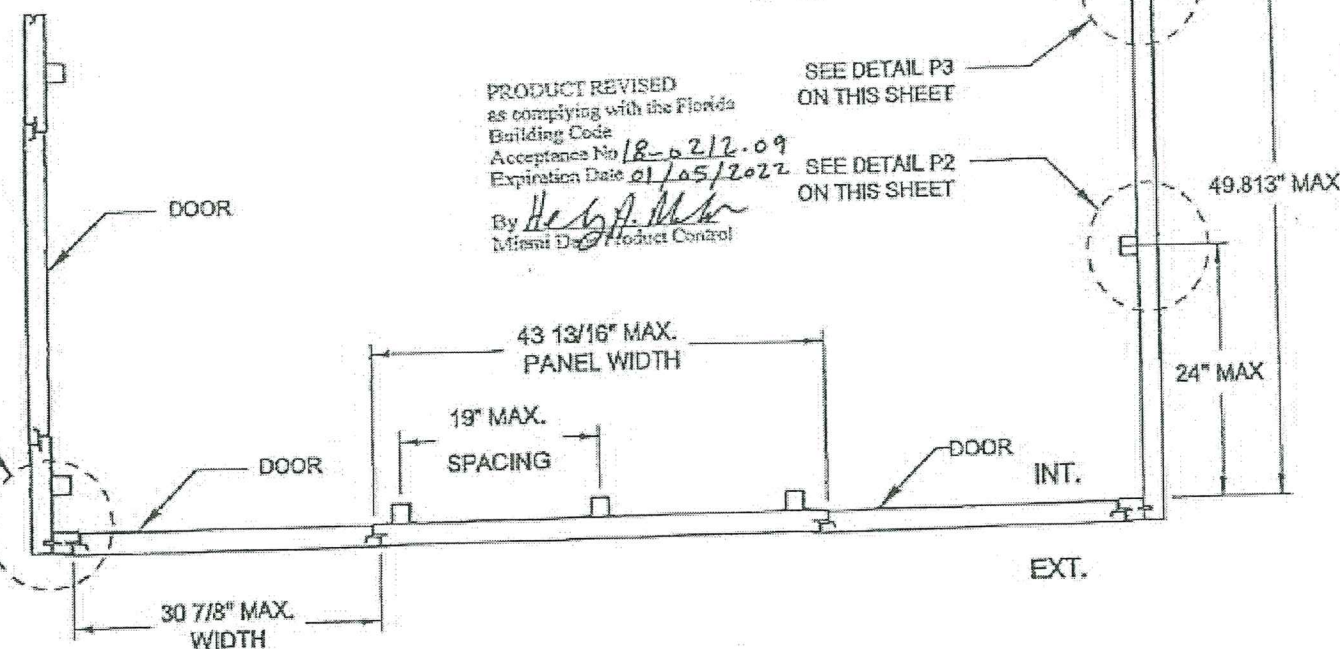


DETAIL P3. PC WALL TO UNIT WALL
TOP VIEW

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 16-1205.04
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



PC VERTICAL SECTIONS

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

SEE DETAIL P3
ON THIS SHEET

SEE DETAIL P2
ON THIS SHEET

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAH 13-0629.01
Miami Dade Product Control
By *Healy A. Miller*

Scott Walters
SCOTT WALTERS
FL PE# 62854
WALTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING #
AIRS0705

SHEET
26 OF 46

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

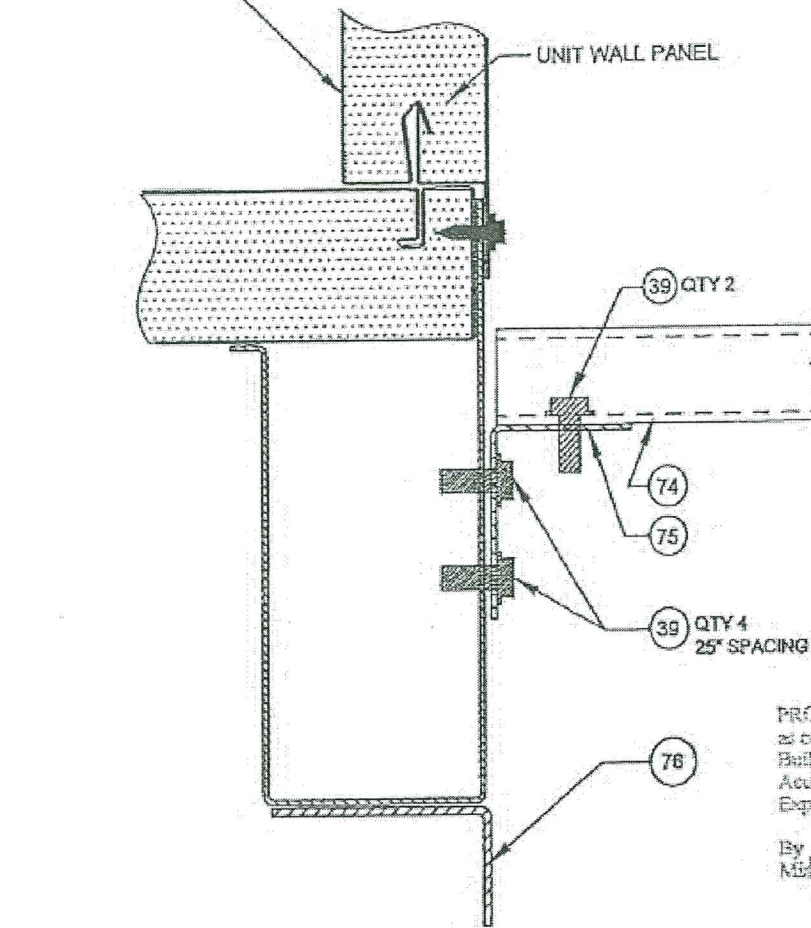
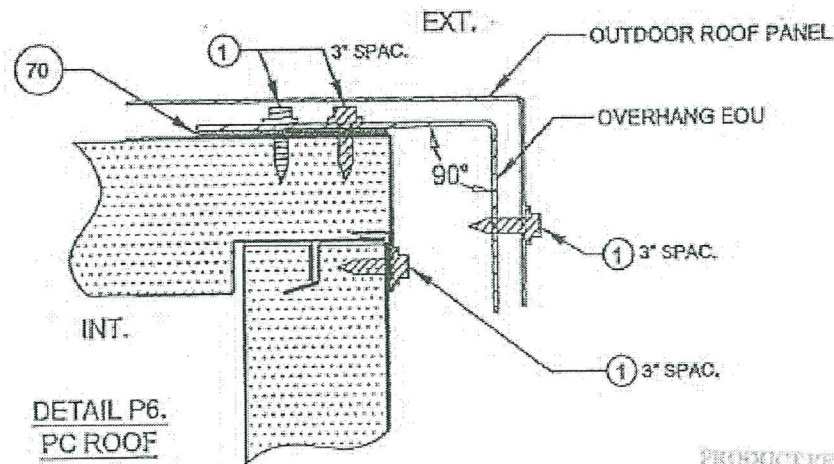
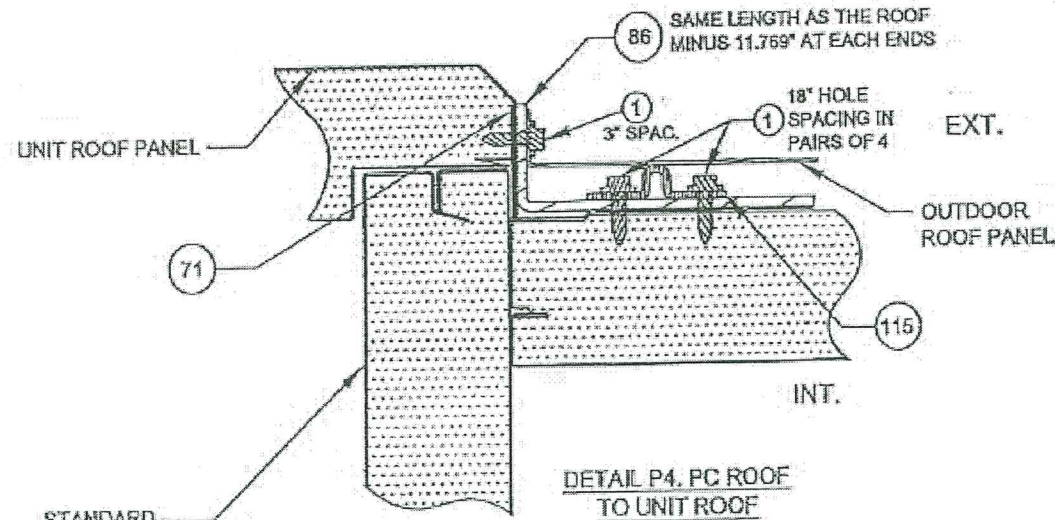
TRANE
US Inc.

REV. HISTORY
MOCKUP/DWG
SHEET REF.

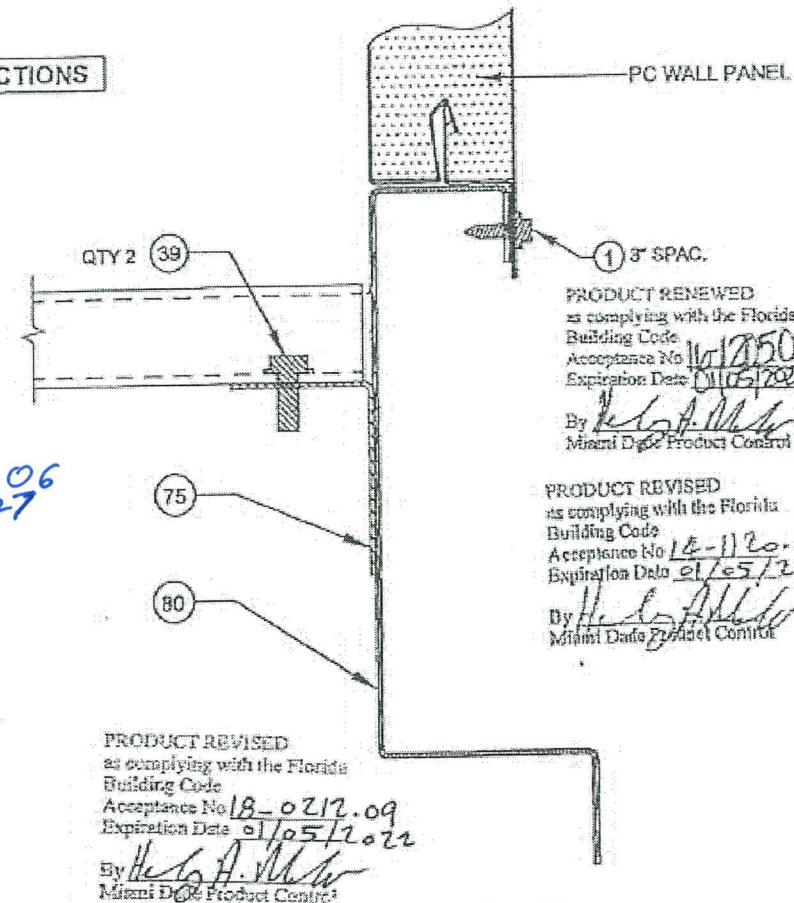
BY: S.MCCLOSKEY
K.YUVARAJA
SCALE:
NTS

REV.
A
DATE
16-SEP-2013

PIPE CABINET DETAILS



PC HORIZONTAL SECTIONS



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

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-12502
Expiration Date 01/05/2022
By *Helga 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 *Helga A. Mohr*
Miami Data Product Control

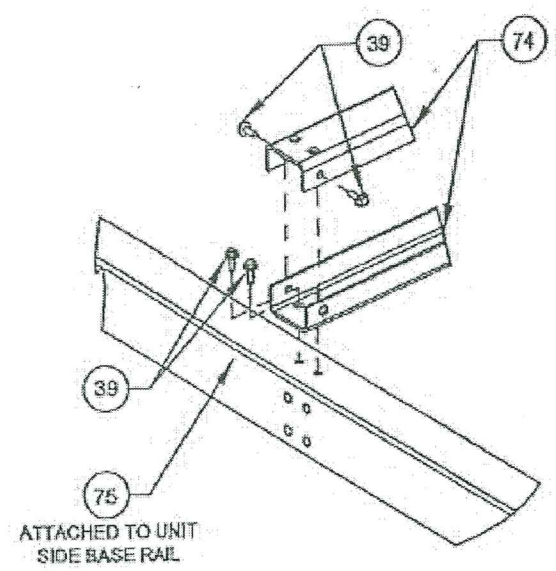
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 18-0212.09
Expiration Date 01/05/2022
By *Helga A. Mohr*
Miami Data Product Control

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

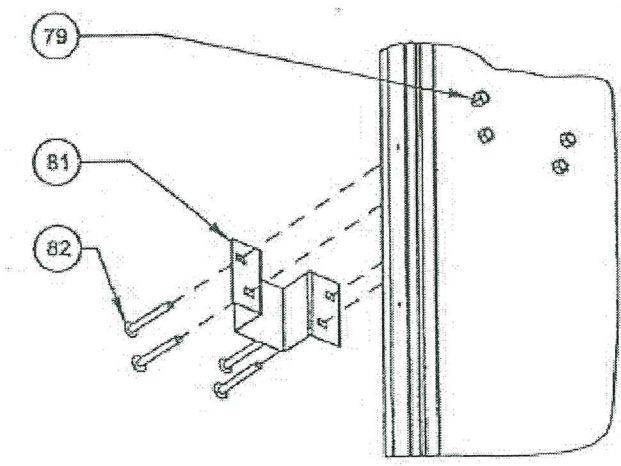
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

DRAWING #		DESC.	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
AIRS0705				MOCK UP/DWG SHEET REF: 4, 11-13 OF 19	SCALE: NTS	DATE 16-SEP-2013
SHEET	SECTION	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT				
27 OF 46						

PIPE CABINET DETAILS

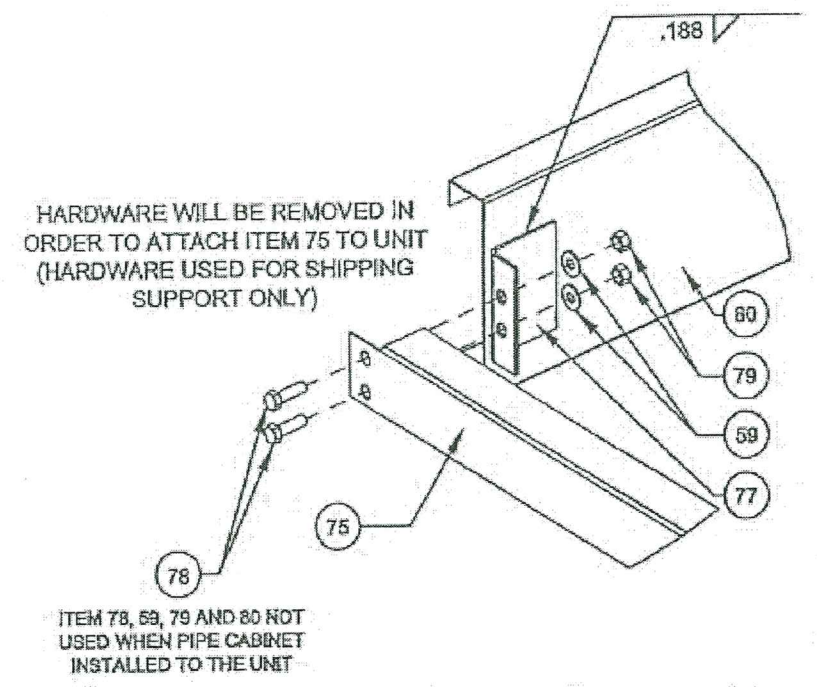


DETAIL P8. MULLION ASSEMBLY ATTACHMENT



DETAIL P10. CHAIN GUIDE/GUARD ATTACHMENT

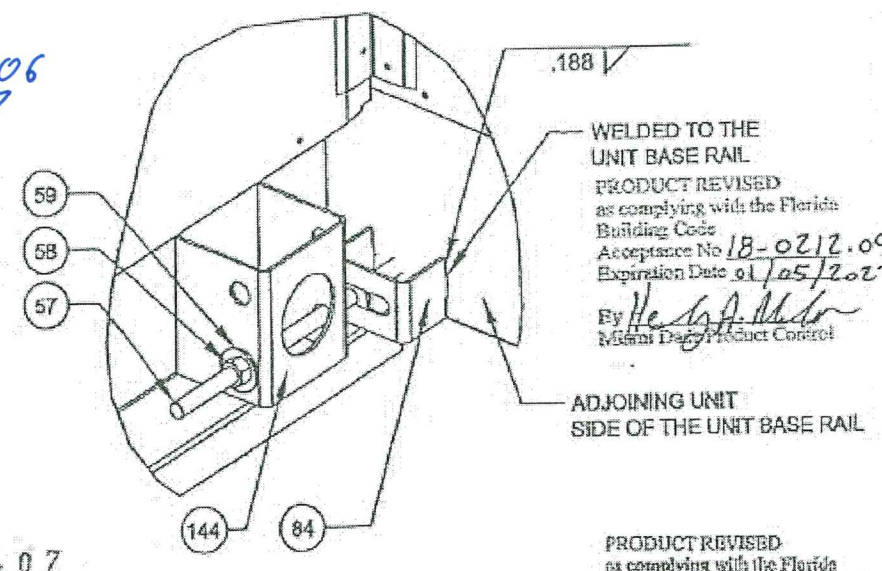
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control



DETAIL P9. SHIPPING CORNER

PRODUCT RENEWED
as complying with the Florida
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



DETAIL P11. LUG CONNECTION

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

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

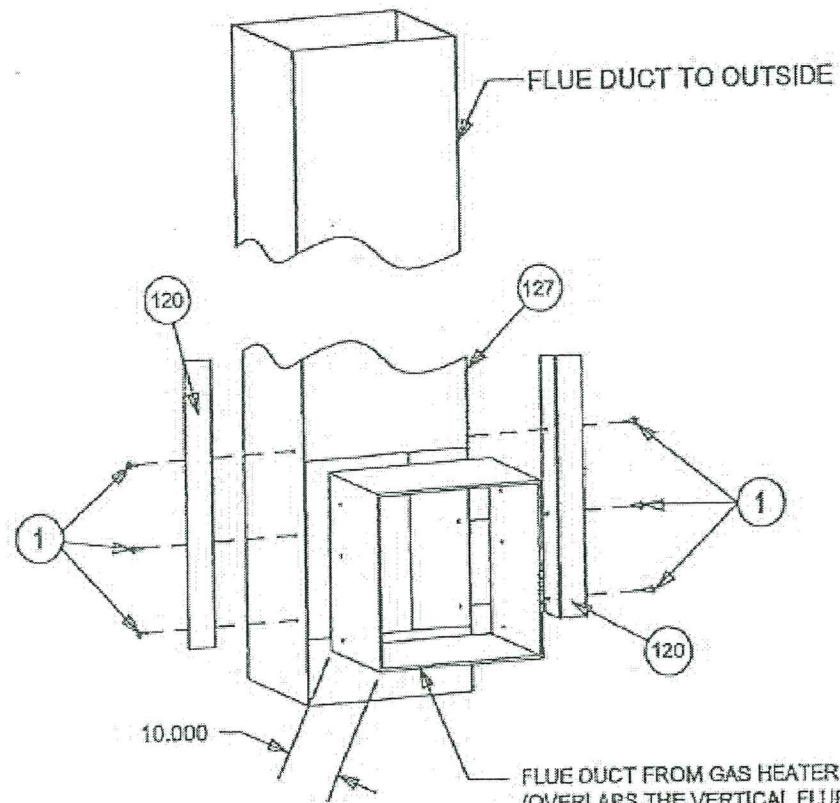
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 16-1205.02
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

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

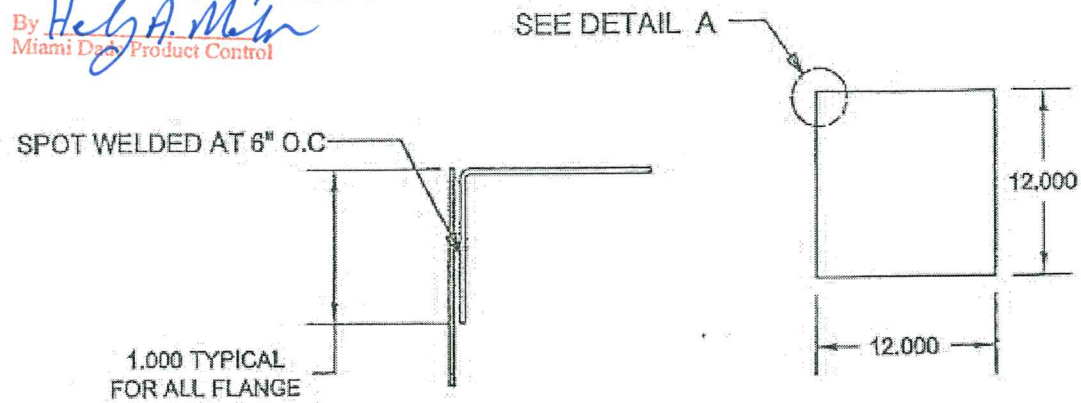
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2011

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 28 OF 46	SECTION			MOCK UP/DWG SHEET REF: 3, 6 OF 19	SCALE NTS	DATE 16-SEP-2013

GAS HEAT FLUE DUCT DETAILS (TESTED WITH SIZE 50)

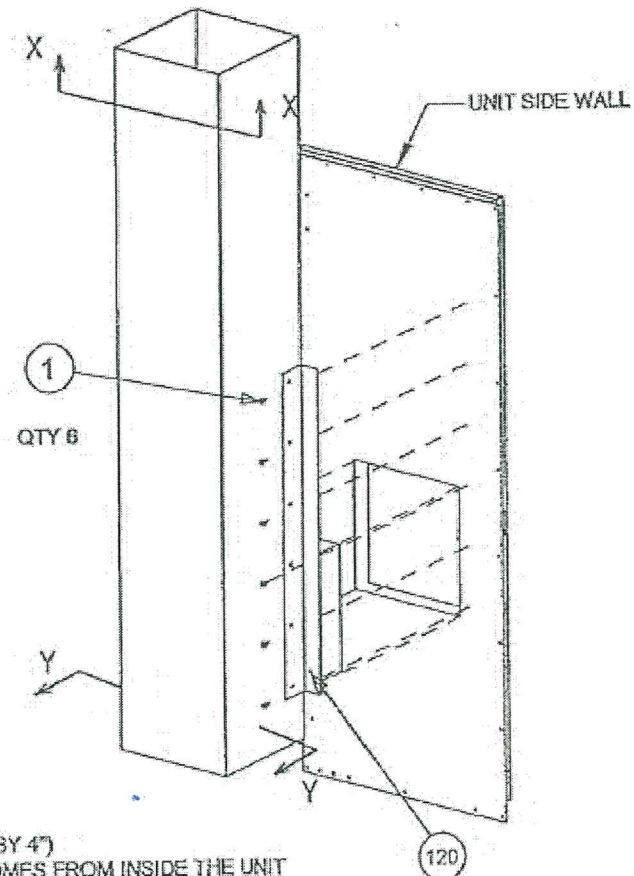


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0624.06
Expiration Date 01/05/2027
By: Hely A. Mohr
Miami Dept. Product Control

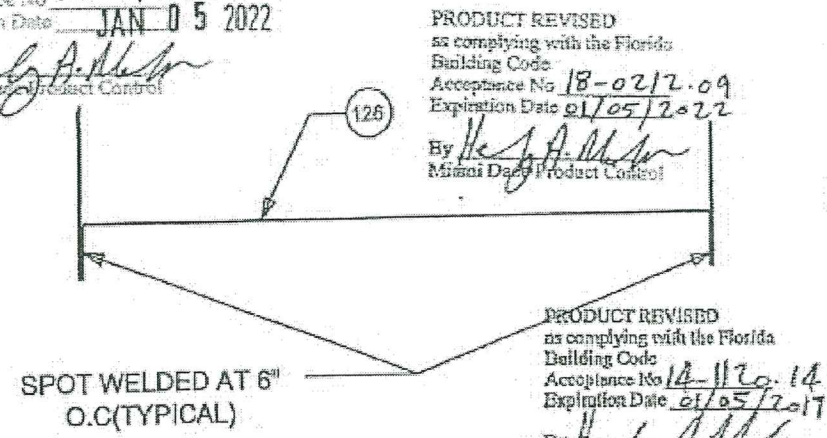


DETAIL A

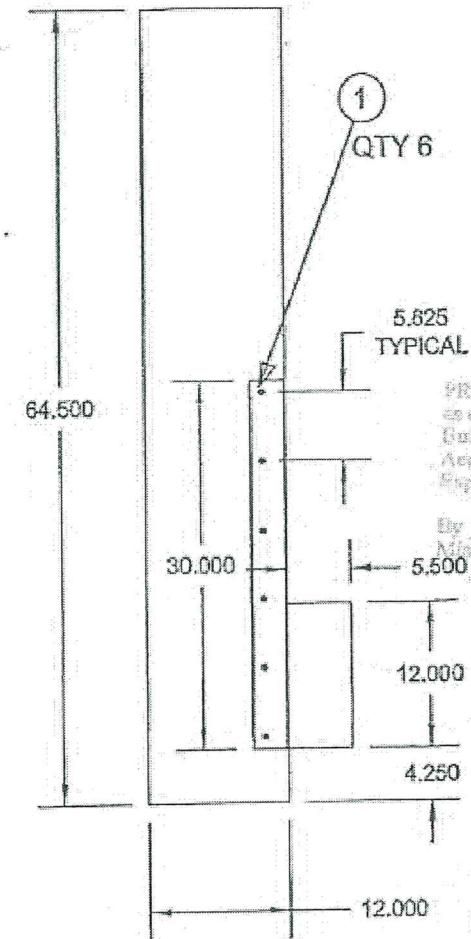
SECTION X-X



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



SECTION Y-Y



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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 116190512
Expiration Date 01/05/2022
By H. G. A. M. A.
Miami Dade Product Council

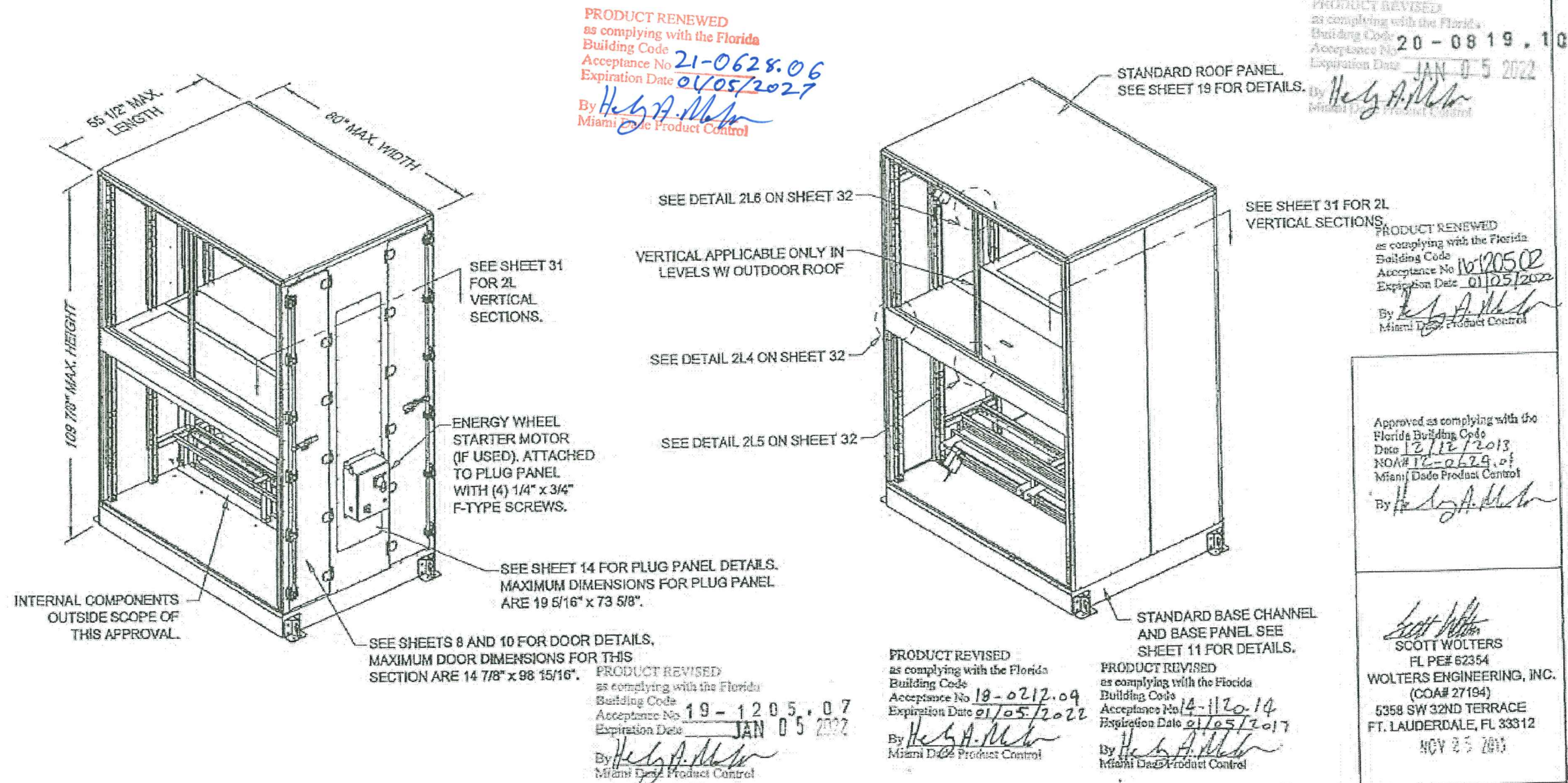
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0679-01
Miami Dade Product Control
By H. G. A. M. L.


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

DRAWING #		DESC.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A	
AIRS0705						
SHEET	SECTION	TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	MOCK UP/OWG SHEET REF: 21 OF 63	SCALE: NTS	DATE 16-SEP-2013
29 OF 46						

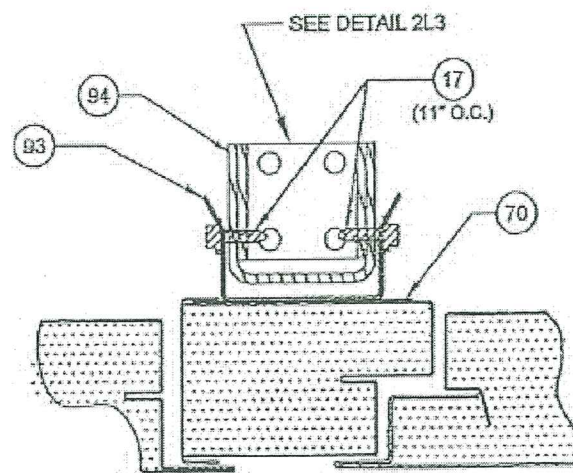
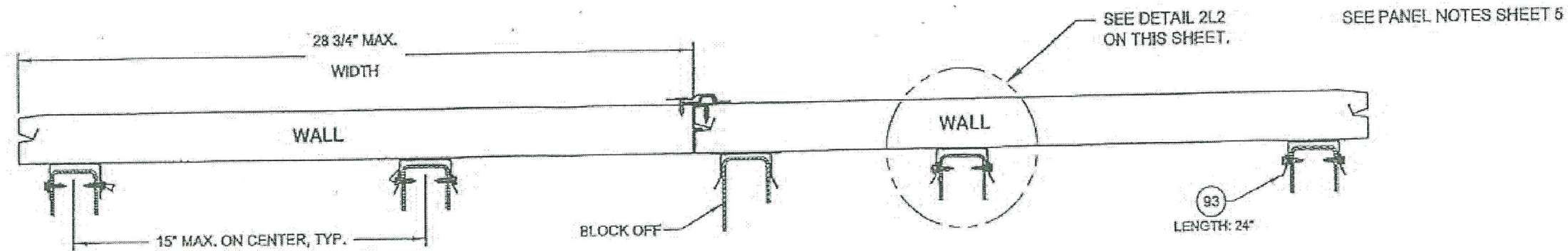
ENERGY WHEEL (SIZE 3-21) (SINGLE HEIGHT DOOR)

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.

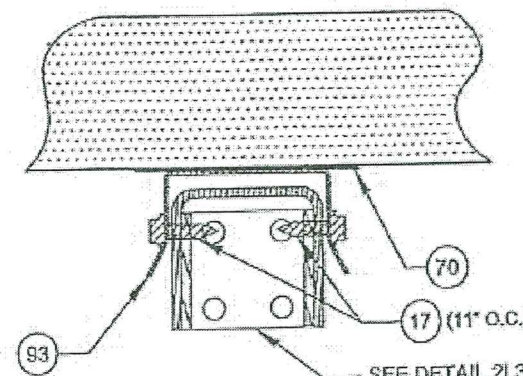


DRAWING # AIRS0705 SHEET 30 OF 46	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY — MOCK UP/DWG SHEET REF: 3 OF 32	BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS	REV. A DATE: 18-SEP-2013
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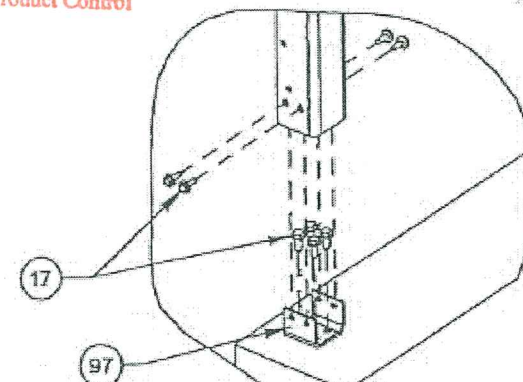
ENERGY WHEEL (SIZE 3-21)



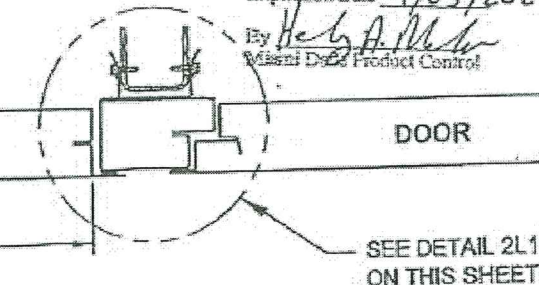
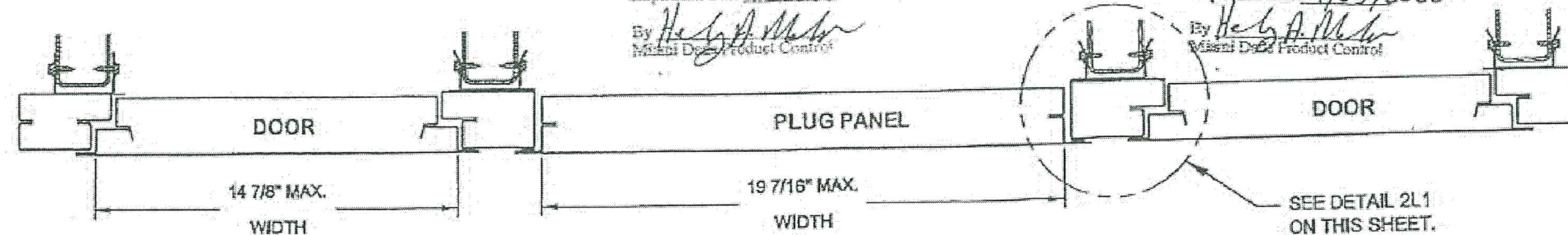
DETAIL 2L1



DETAIL 2L2



DETAIL 2L3



SEE DETAIL 2L1
ON THIS SHEET.

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

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-0205.02
Expiration Date 04/05/2022
By *Healy A. M...*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 12/12/2013
NOAW 16-0629.01
Miami Dade Product Control
By *Healy A. M...*

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

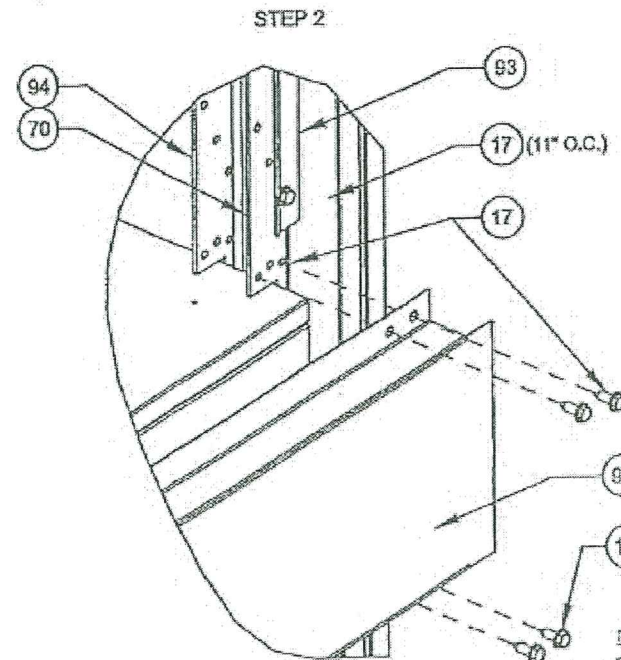
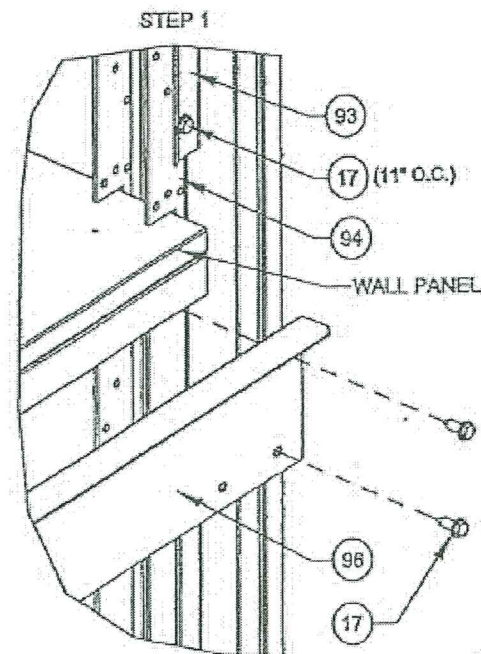
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Healy A. M...*
Miami Dade Product Control

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

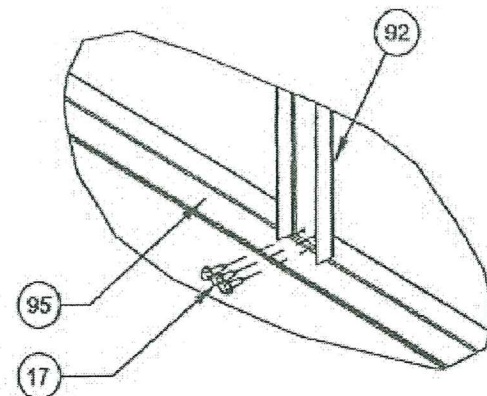
DRAWING # AIRS0705 SHEET 31 OF 46 SECTION	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY MOCK UP/DWG SHEET REF: 17 OF 32	BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
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ENERGY WHEEL (SIZE 3-21)

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

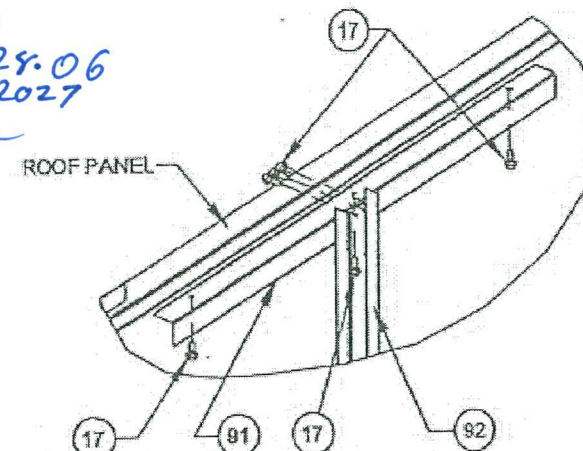


DETAIL 2L4



DETAIL 2L5

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 21-0624-06
Expiration Date 06/05/2027
By H. G. A. Miller
Miami Dade Product Control



DETAIL 2L6

PRODUCT REVISED
as complying with the Florida
Building Code 19-1205-07
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 18-0212-09
Acceptance No. 18-0212-09
Expiration Date 01/05/2022
By H. G. A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 16-1120-14
Acceptance No. 16-1120-14
Expiration Date 01/05/2017
By H. G. A. Miller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code 20-0819-10
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 10-0150-02
Acceptance No. 10-0150-02
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
NOAH 12-0624-01
Miami Dade Product Control
By H. G. A. Miller

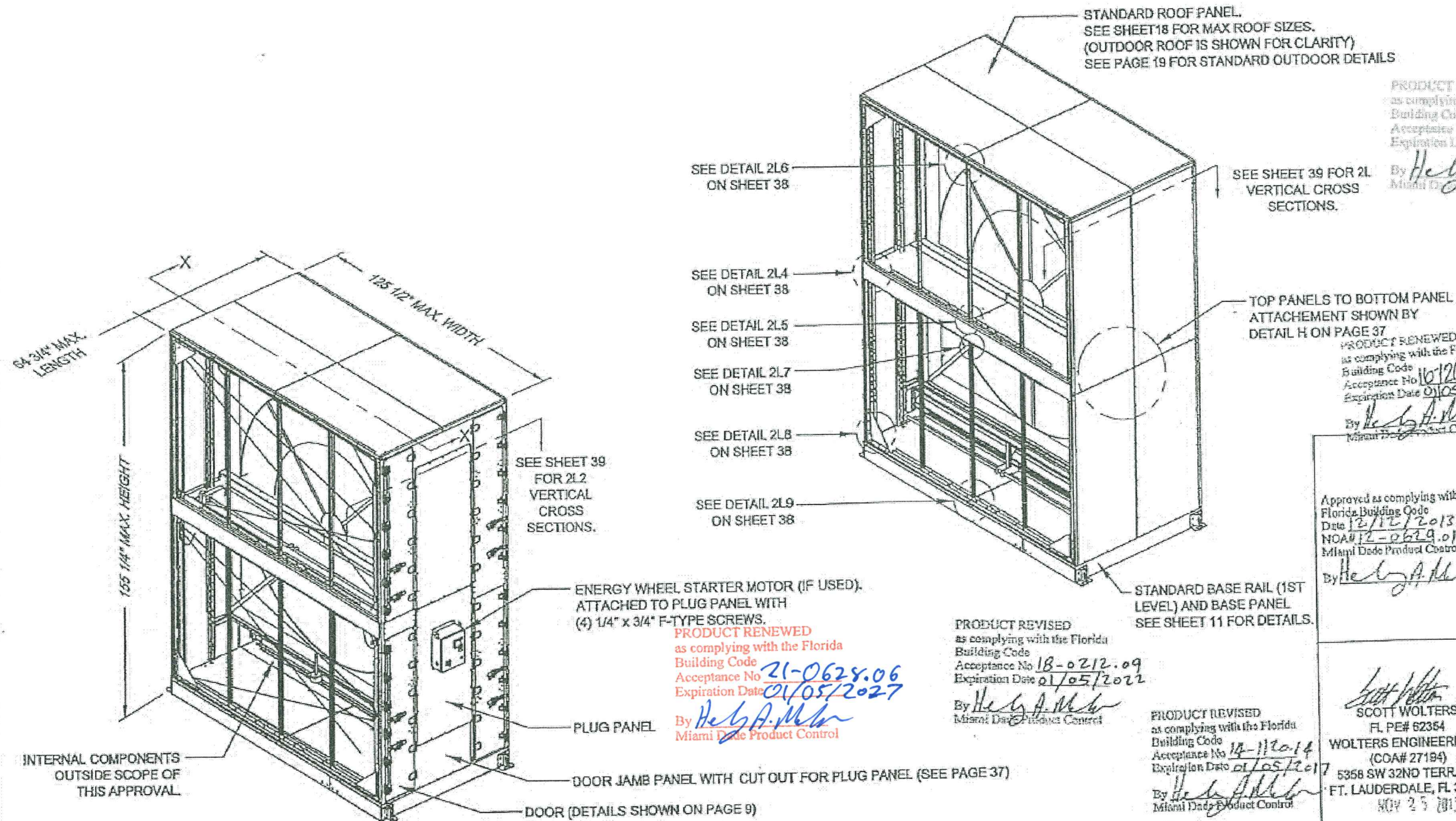
Scott Walters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COAH# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2013

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 48	SECTION			MOCK UP/DWG 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.

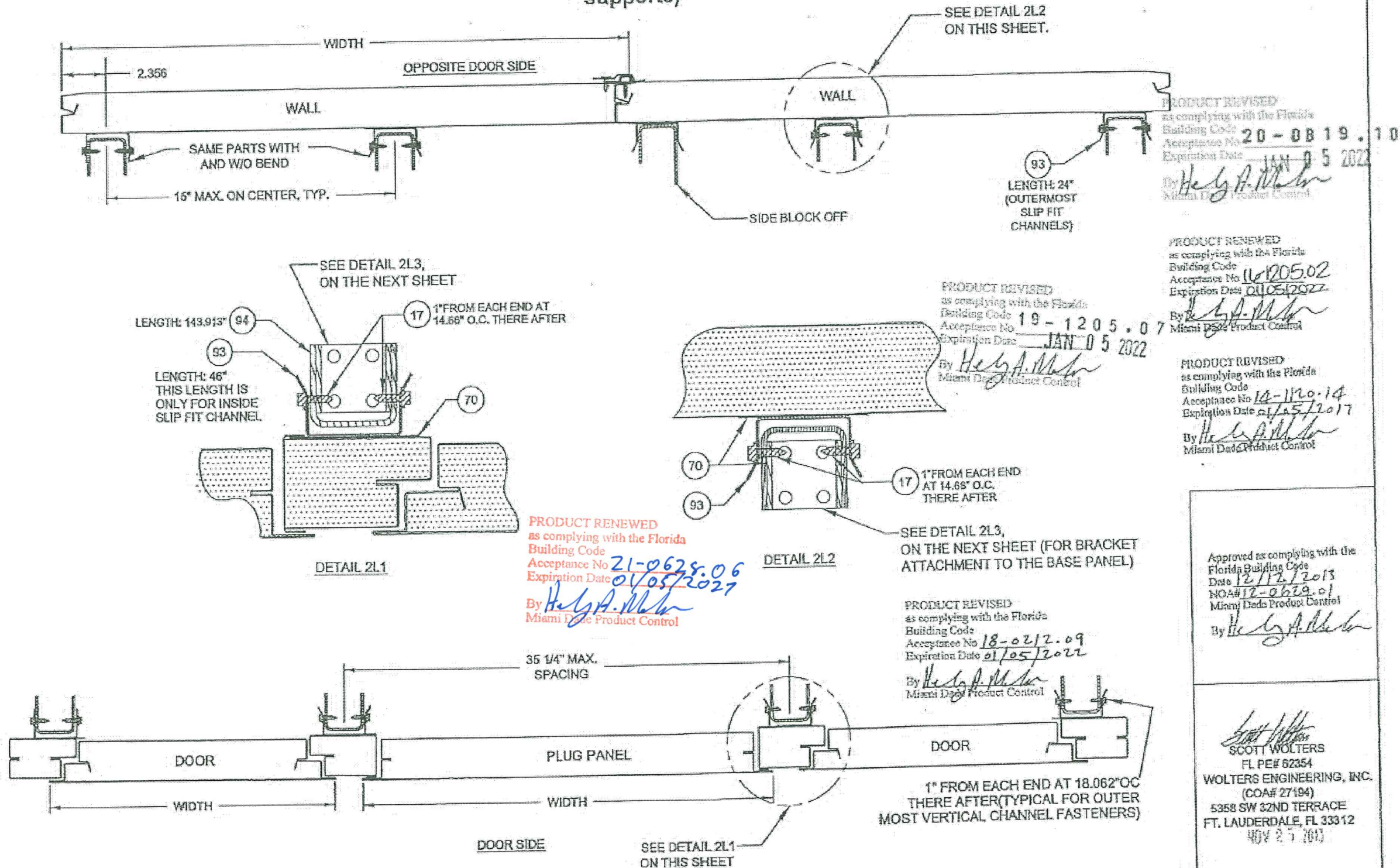
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Healy A. McIn*
Miami Dade Product Control



DRAWING #	AIRS0705	DESG.	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

ENERGY WHEEL SIDE WALL DETAILS (Vertical cross sections with internal supports)

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.

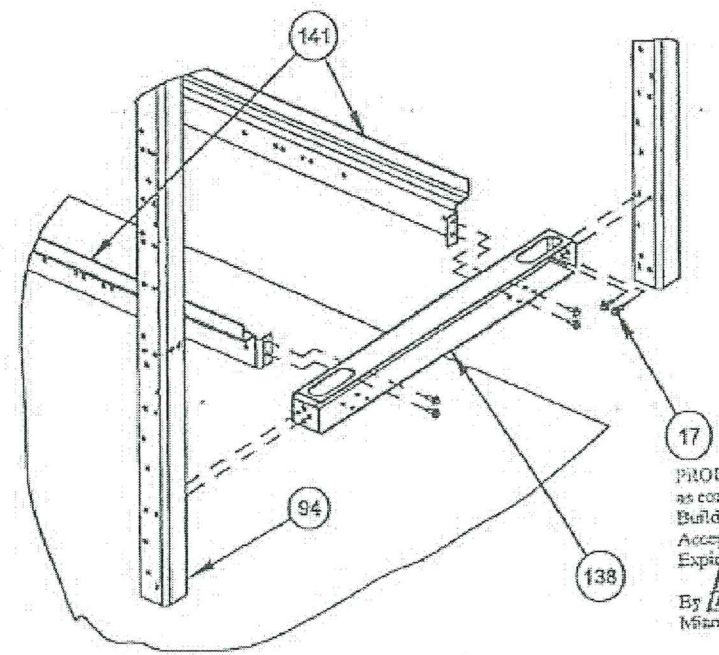
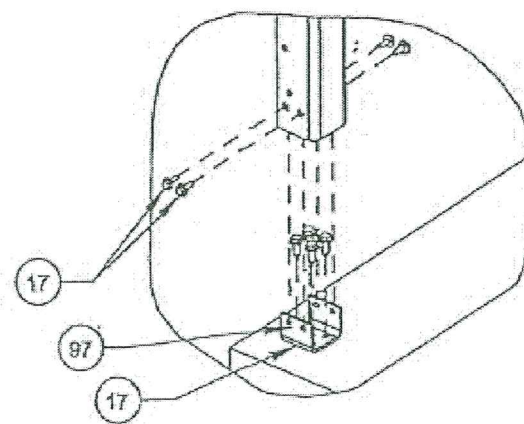
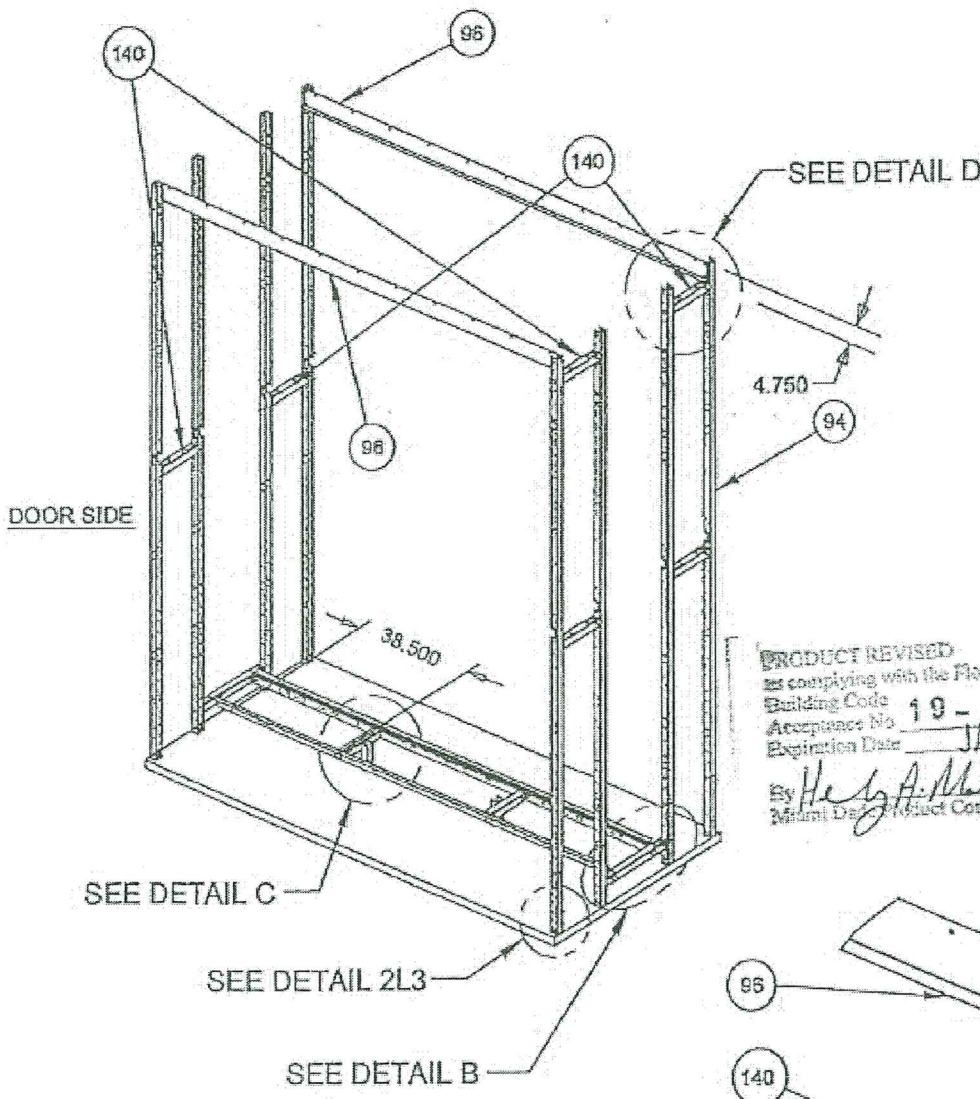


DRAWING # AIRS0705		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET 34 OF 46	SECTION			MOCK UP/OWG SHEET REF: 6, 7, 17 OF 35	SCALE: NTS	DATE 16-SEP-2013

SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
407 277 7613

ENERGY WHEEL INTERNAL
STRUCTURE CONSTRUCTION.

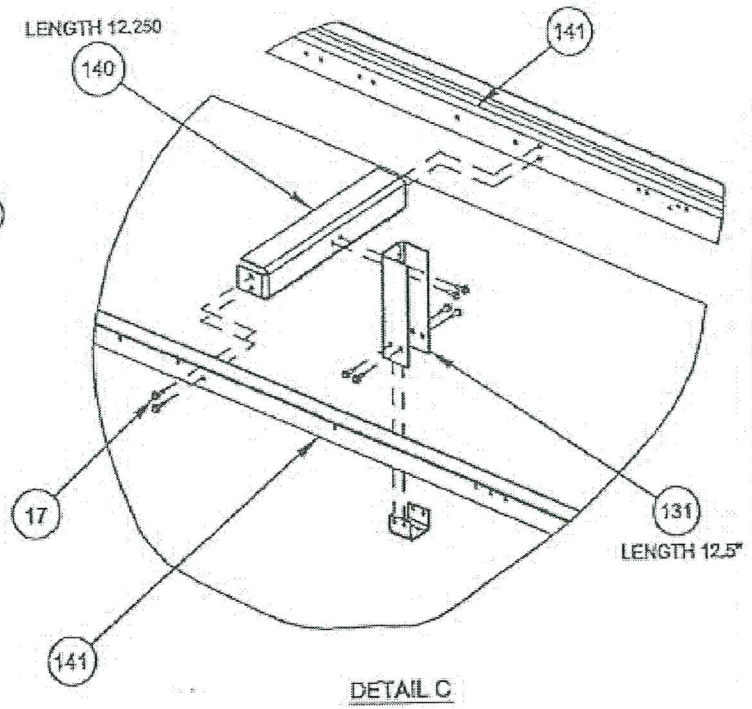
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0628.06
Expiration Date 04/05/2027
By Hedy A. Miller
Miami Data Product Control



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



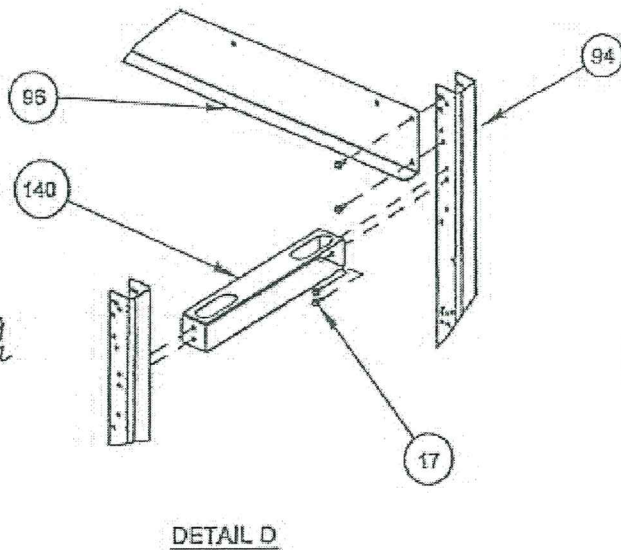
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629.01
Miami Data Product Control
By Hedy A. Miller

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 20-0819.10
Expiration Date JAN 05 2022
By Hedy 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 Hedy 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.MCGLOSKEY KYUVARAJA	REV. A
SHEET 35 OF 46	SECTION			MOCK UP/DWG SHEET REF: 7 OF 35	SCALE: NTS	DATE 16-SEP-2013

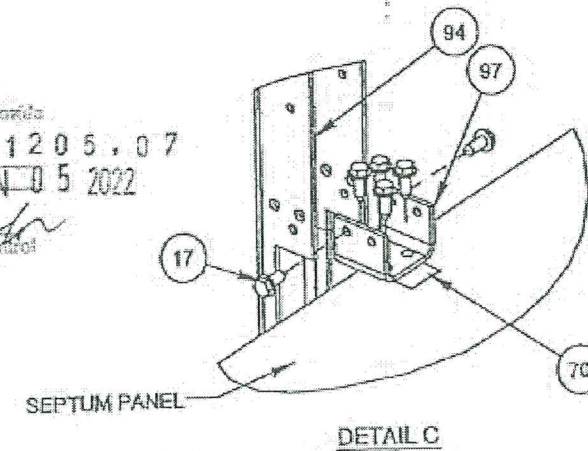
ENERGY WHEEL SEPTUM INSTALLATION (PARTS ARE EXPLODED FOR CLARITY)

- NOTES:
1. ALL OF THESE STRUCTURES ATTACHED WITH ITEM 17.
 2. 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.

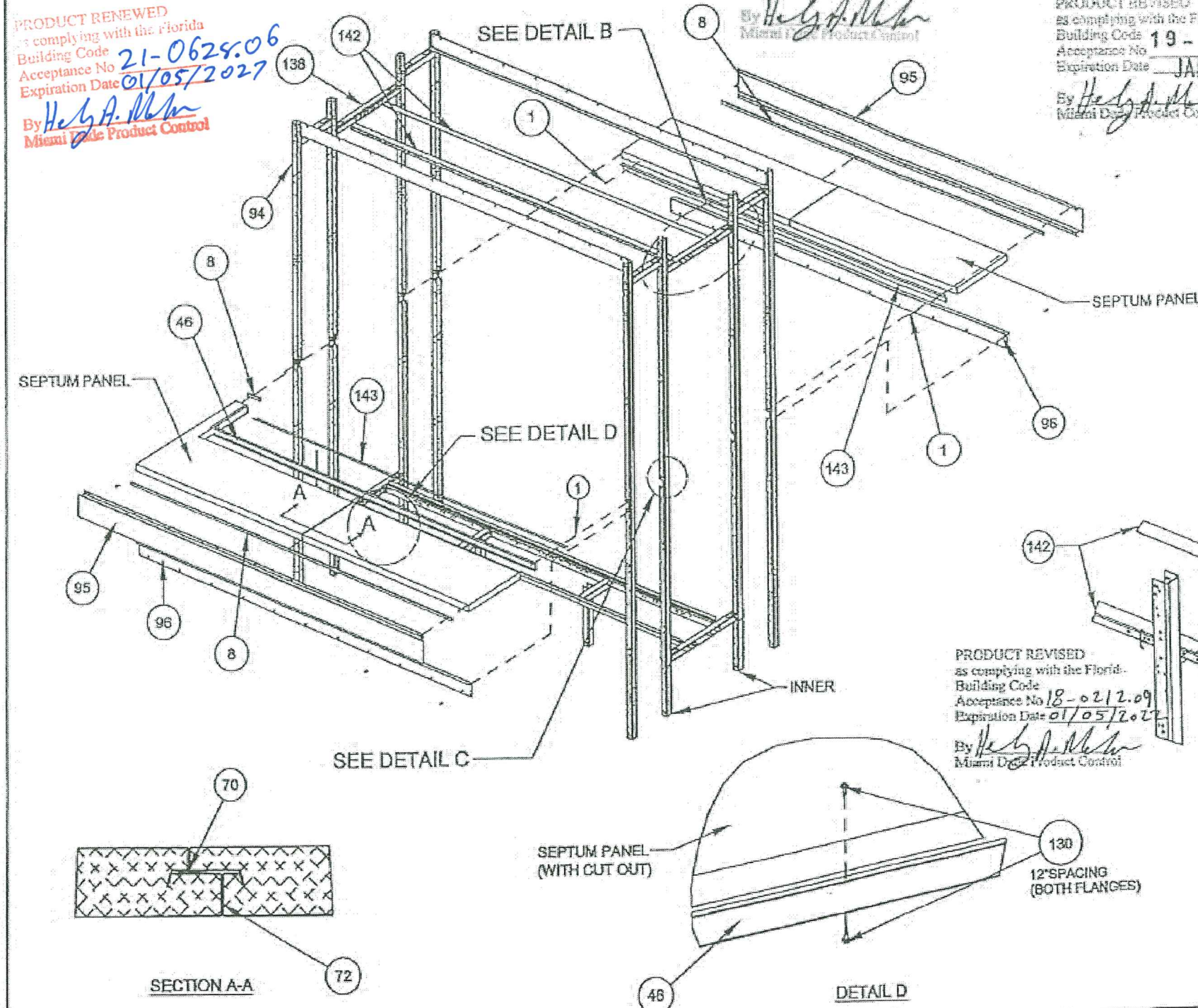
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 21-0629.06
Expiration Date 01/05/2027
By Healy A. McLean
Miami Dade Product Control

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

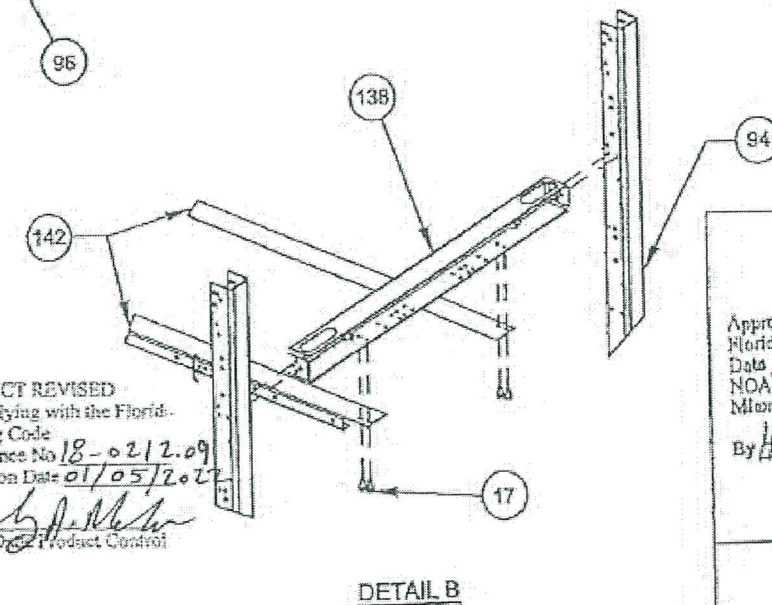
PRODUCT REVISED
as complying with the Florida
Building Code 19-1205.07
Acceptance No
Expiration Date JAN 05 2022
By Healy A. McLean
Miami Dade Product Control



NOTE:
APPLICABLE TO INNER 4 VERTICAL CHANNEL ONLY



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Building Code 18-0212.09
Acceptance No
Expiration Date 01/05/2022
By Healy A. McLean
Miami Dade Product Control



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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 161205.02
Expiration Date 01/05/2022
By Healy A. McLean
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. McLean

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
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	TRANE US Inc.	REV. HISTORY	BY: S.MCCLOSKEY K.YUVARAJA	REV. A
SHEET	38 OF 46	SECTION			MOCK UP/DWG SHEET REF: 90F 35	SCALE: NTS	DATE 16-SEP-2013

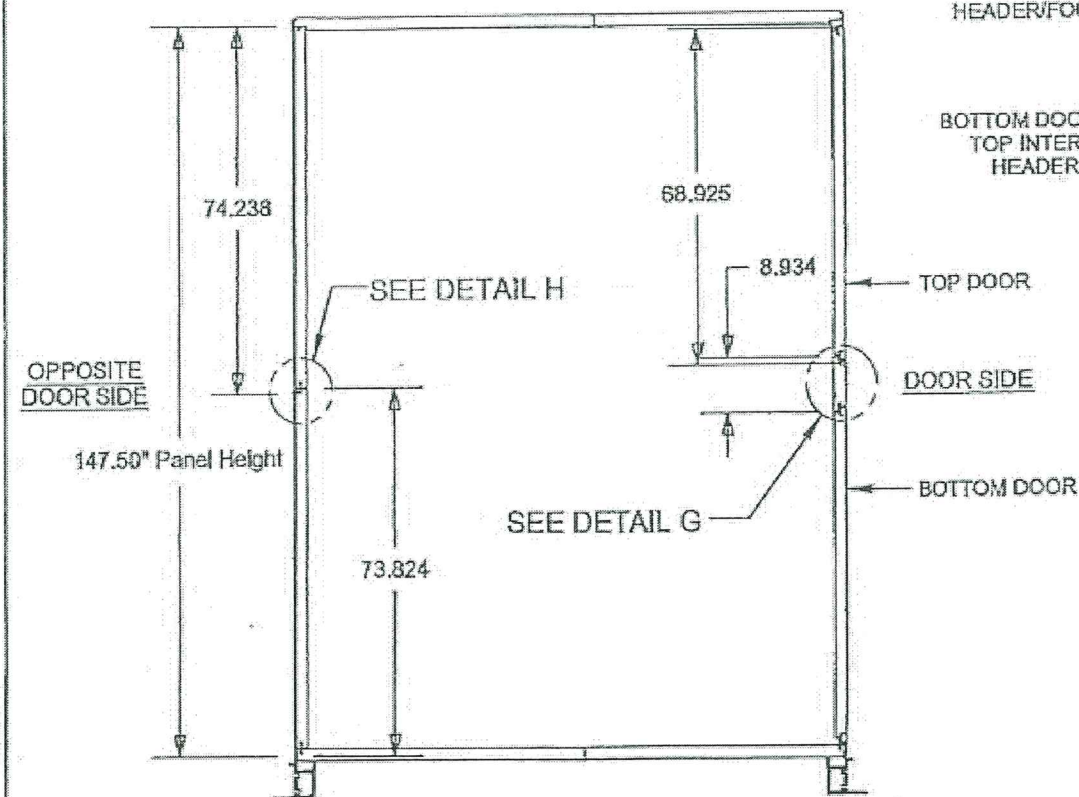
ENERGY WHEEL CROSS SECTION X-X

FROM PAGE 33

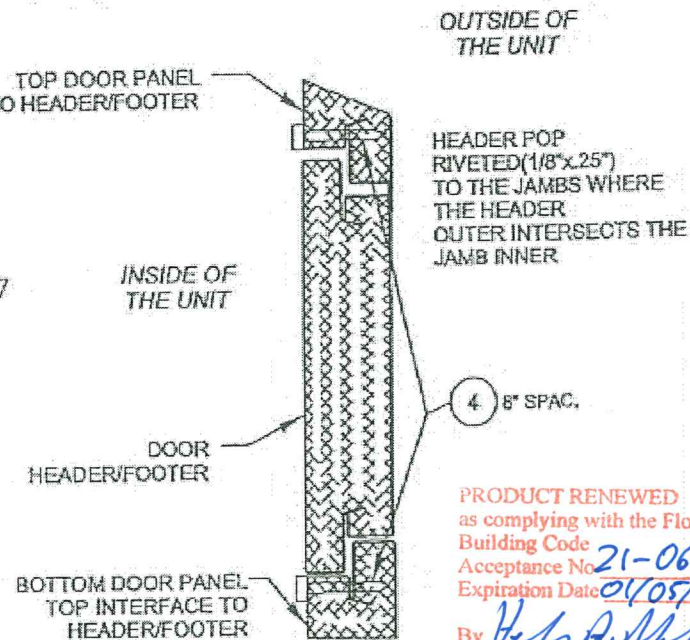
(Foam Panel only- Corner Cross Sections are the same as typical base and foamed roof corners of 1st level AHU, See page 5)

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

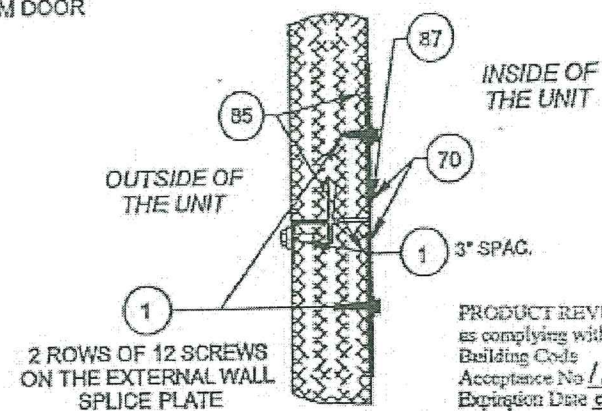
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 19-1205.07
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control



SECTION VIEW X-X



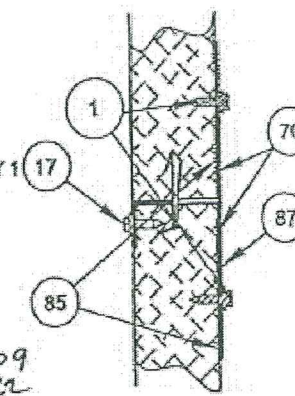
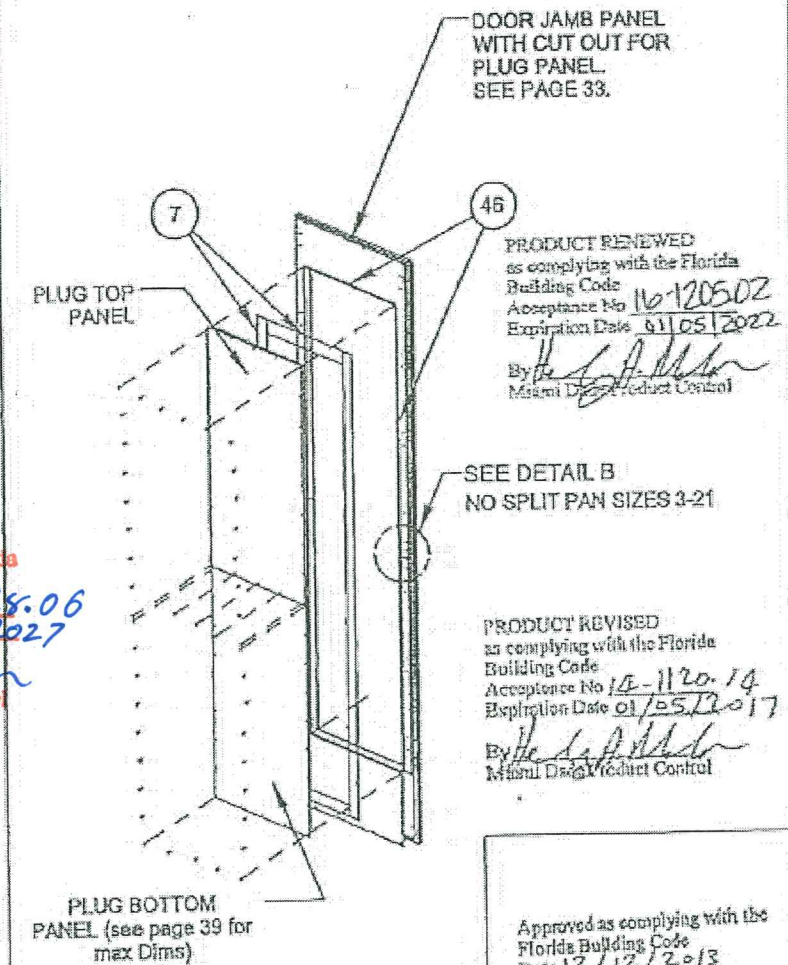
DETAIL G
(NOT RELEVANT TO SIZE 3-21)



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# 17-0678.01
Miami Dade Product Control
By *Heidi A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
6358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 25 2015

DRAWING # AIRS0705
SHEET 37 OF 46 SECTION

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

TRANE
US Inc.

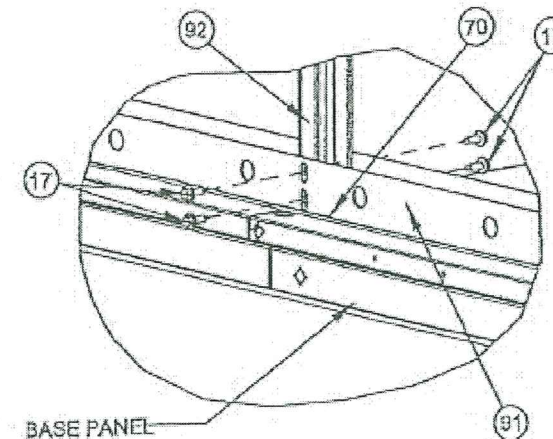
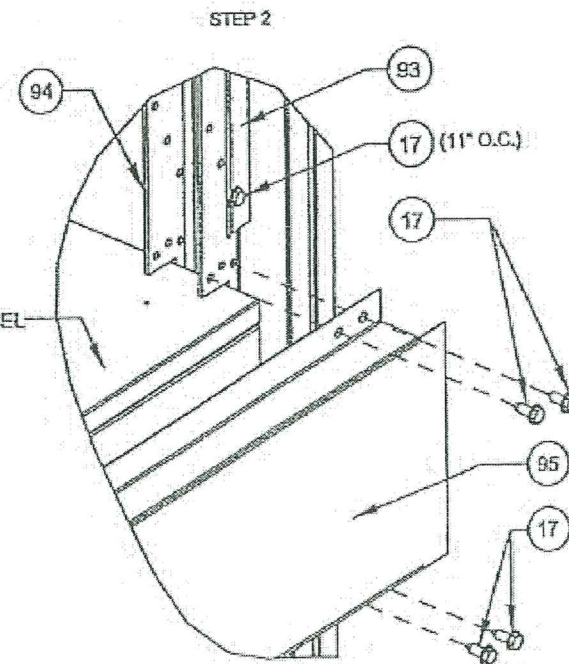
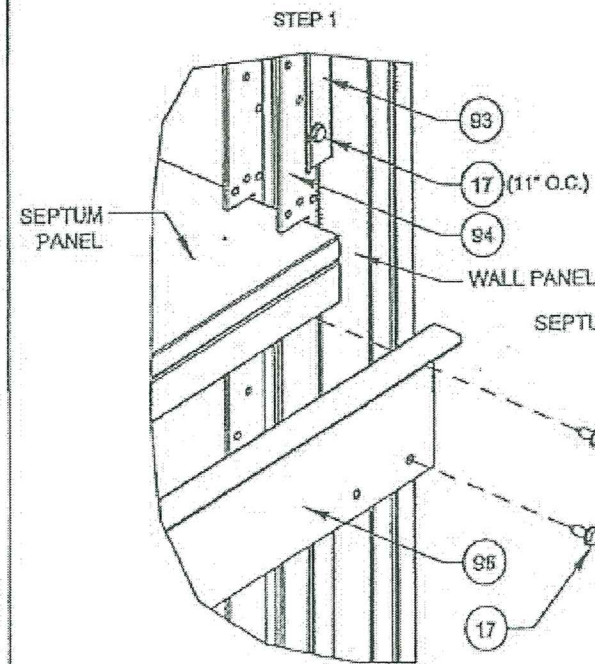
REV. HISTORY
MOCK UP/DWG SHEET REF: 20, 23 OF 35

BY: S.MCCLOSKEY
K.YUVARAJA
SCALE: NTS

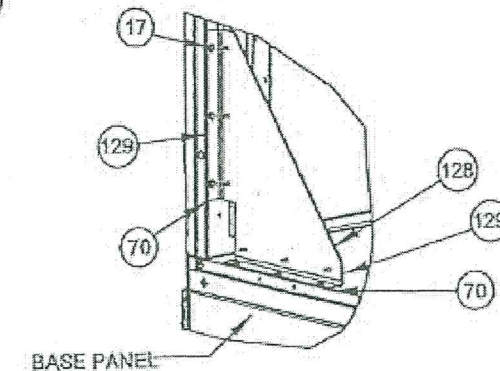
REV. A
DATE 16-SEP-2013

ENERGY WHEEL SHIPPING SPLIT DETAILS

REFER TO PAGE 33



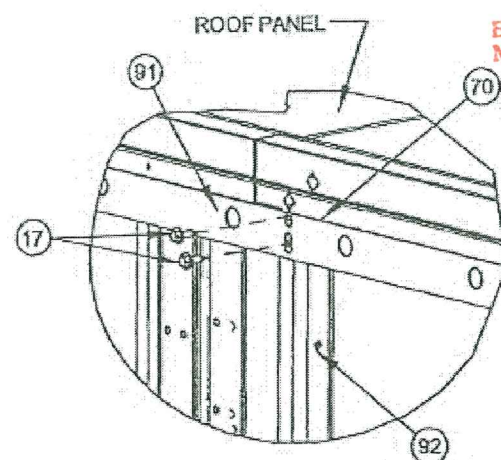
DETAIL 2L9



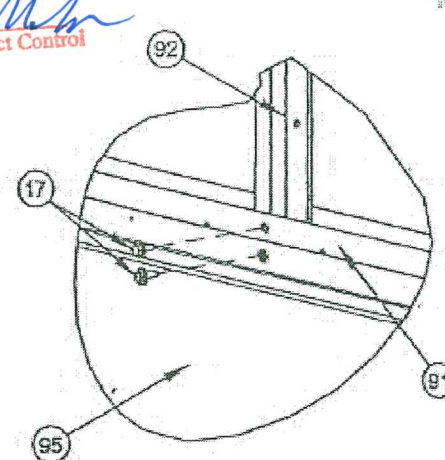
DETAIL 2L8

DETAIL 2L4

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

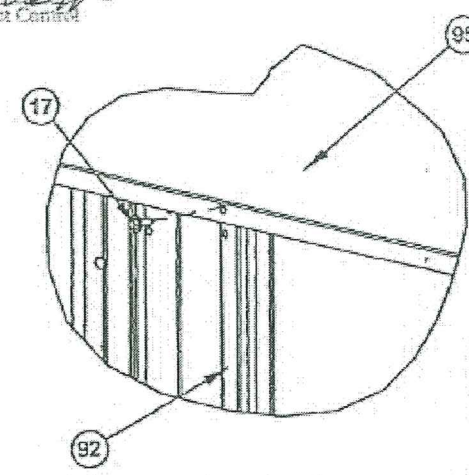


DETAIL 2L6



DETAIL 2L5

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



DETAIL 2L7

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

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 16-1205.08
Expiration Date 01/05/2020
By *H. A. M. M.*
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. 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
001 25 2013

DRAWING #	AIRS0705
SHEET	38 OF 46
SECTION	

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

TRANE
US Inc.

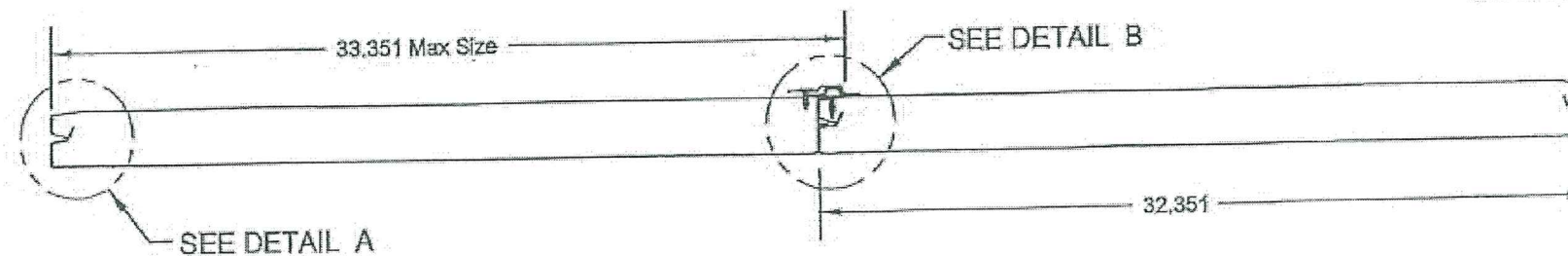
REV. HISTORY	
MOCK UP/DWG	12, 15 OF 35
SHEET REF:	

BY:	S.MCCLOSKEY K.YUVARAJA
SCALE:	NTS

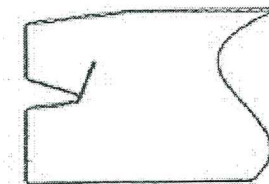
REV.	A
DATE	16-SEP-2013

ENERGY WHEEL SIDE WALL DETAILS (Vertical Cross Sections)

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

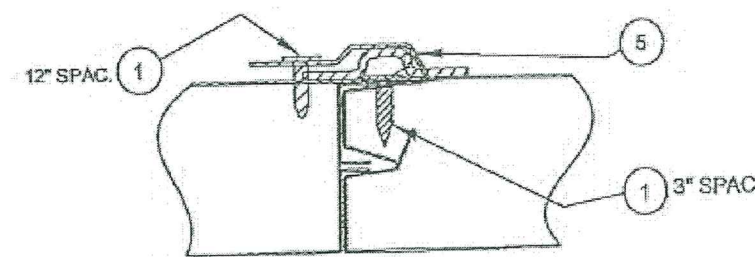


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Building Code
Acceptance No. 20-0819.10
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Miami Dade Product Control



SHIPPING SPLIT WALL PANEL DETAIL A

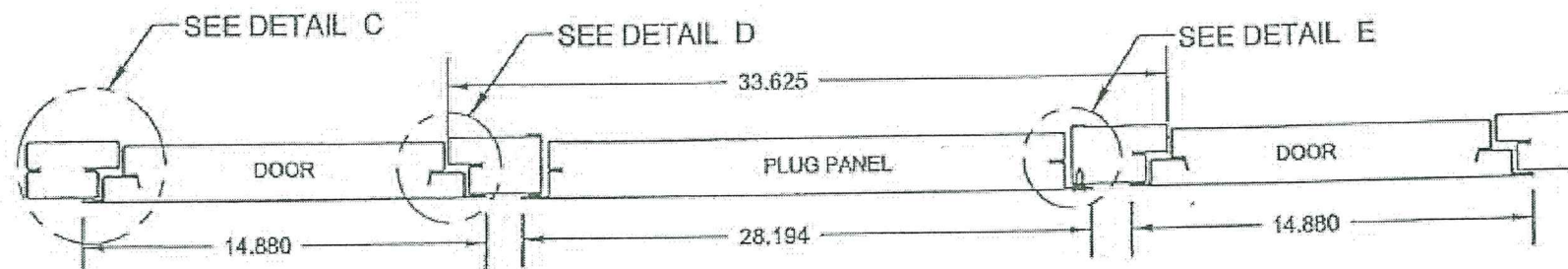
PRODUCT RENEWED
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By *Heidi A. Miller*
Miami Dade Product Control



WALL JOINT TONGUE AND GROOVE DETAIL B

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DETIAL 2L



DOOR HEIGHT IS 68.925
QTY OF 2

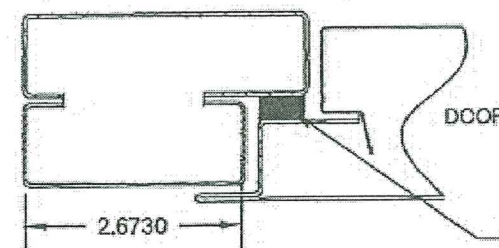
PLUG PANEL TOP PORTION (L=56.013)
PLUG PANEL BOTTOM PORTION (L=59.041)

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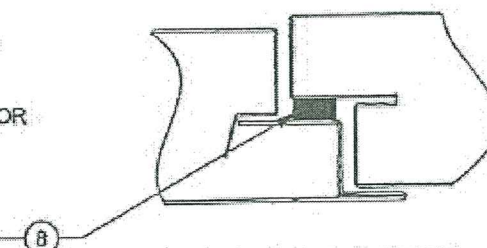
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 16-1205.02
Expiration Date 01/05/2022
By *Heidi A. Miller*
Miami Dade Product Control

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

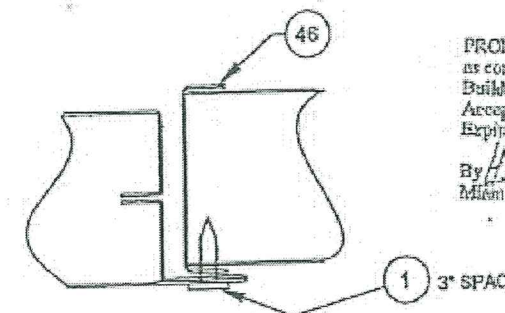
Approved as complying with the
Florida Building Code
Date 12/12/2013
NOA# 12-0629.01
By *Heidi A. Miller*
Miami Dade Product Control



DETAIL C. NARROW DOOR
JAMB TO DOOR



DETAIL D. DOOR TO WALL

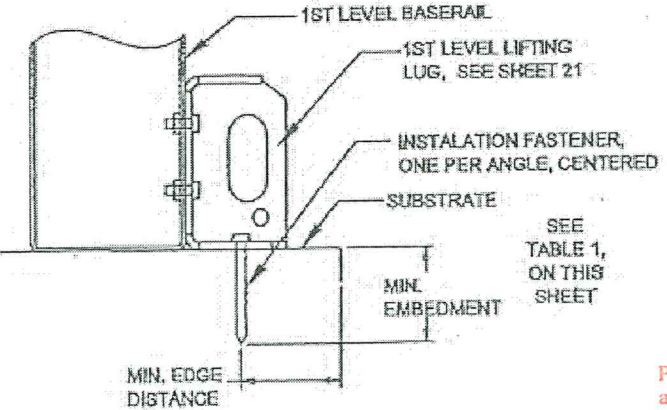


DETAIL E. PLUG
PANEL TO WALL

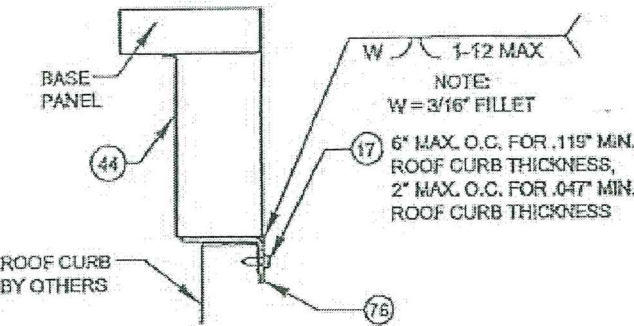
Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
5358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 27 2011

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 39 OF 46	SECTION		MOCK UP/DWG SHEET REF: 16 OF 35	SCALE: NTS	DATE 16-SEP-2013

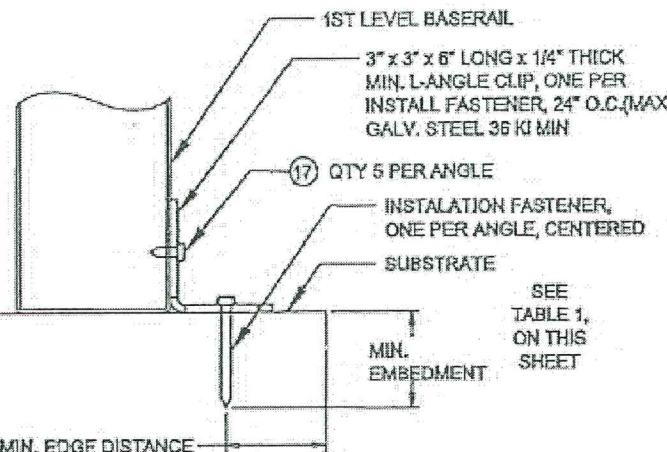
NOTE:
1. UNIT MAY BE INSTALLED ONTO CONCRETE (3.2 KSI MIN. COMPRESSIVE STRENGTH) OR 1/4" THICK STEEL (36 KSI MIN YIELD) SUBSTRATES WITH ANCHORS THROUGH LIFTING LUGS AND ANGLE CLIPS ATTACHED TO FIRST LEVEL BASE RAIL AS SHOWN IN THIS SHEET. UNIT MAY ALSO BE INSTALLED ONTO A 36KSI YIELD STEEL CURB BY OTHERS, 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

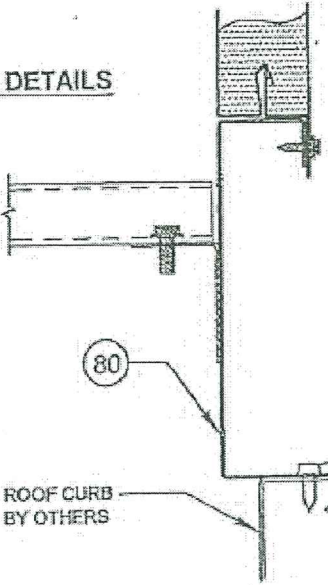
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By *Heidi A. Miller*
Miami Dade Product Control

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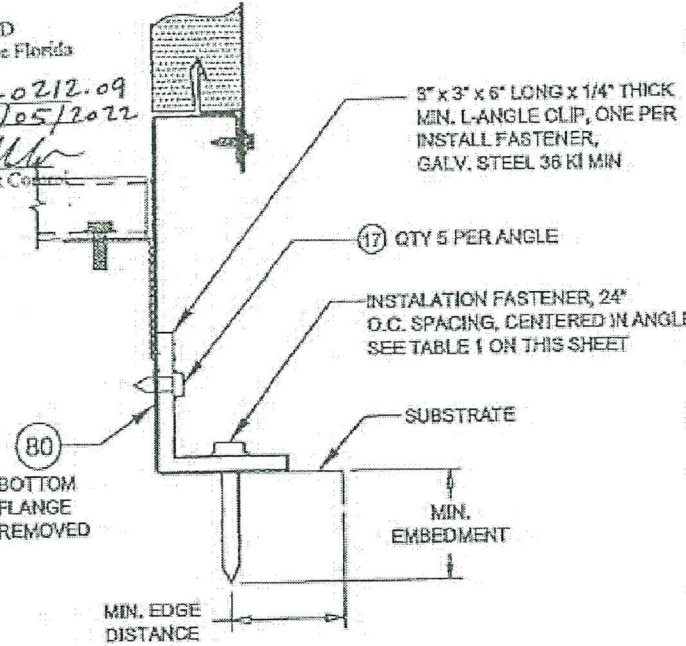
TABLE 1. INSTALLATION ANCHOR INFORMATION

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"	6"
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



DETAIL P12. ANCHORAGE TO ROOF CURB



DETAIL P13. DIRECT ANCHORAGE TO SUBSTRATE

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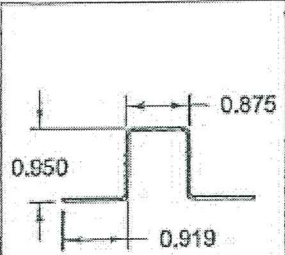
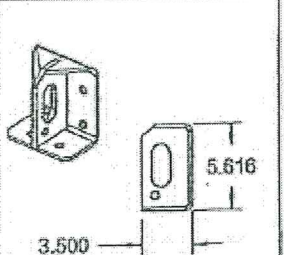
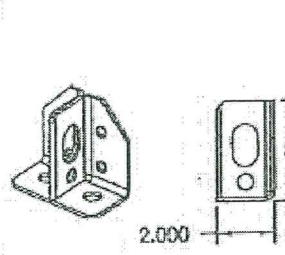
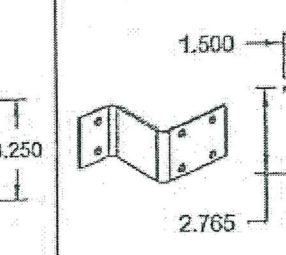
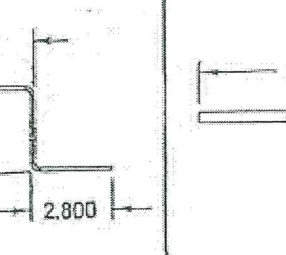
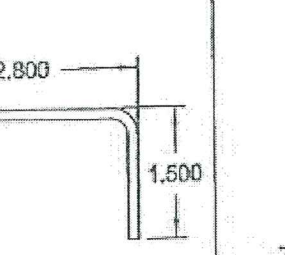
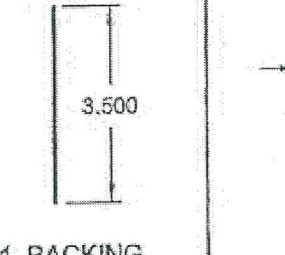
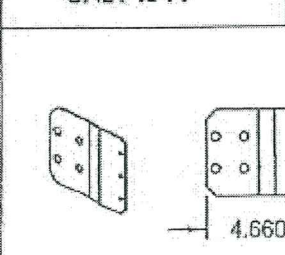
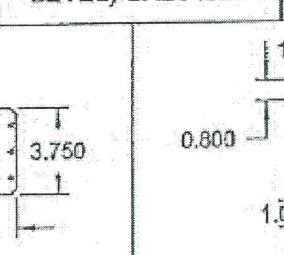
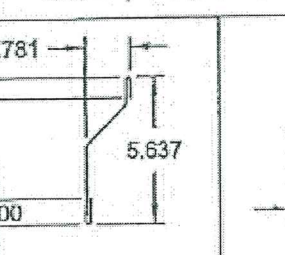
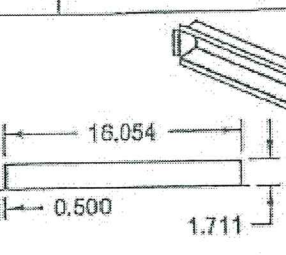
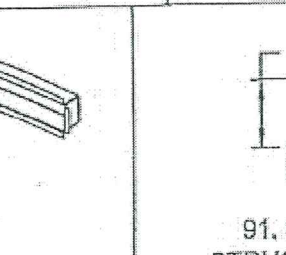
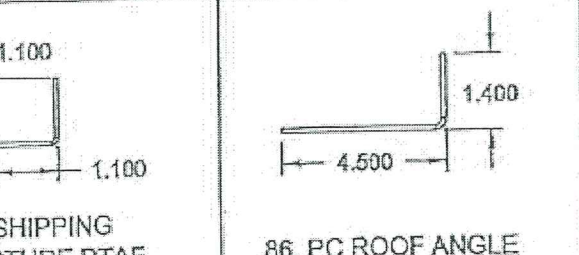
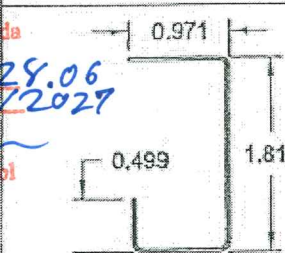
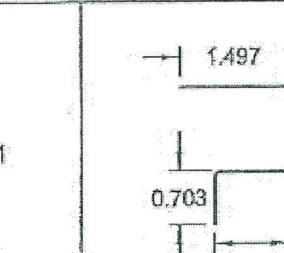
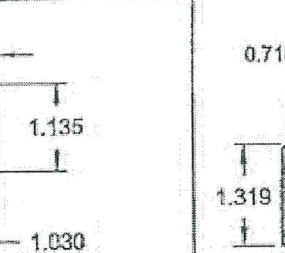
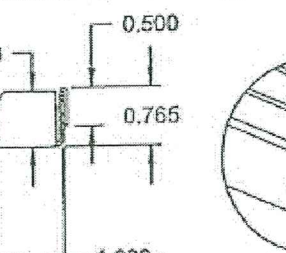
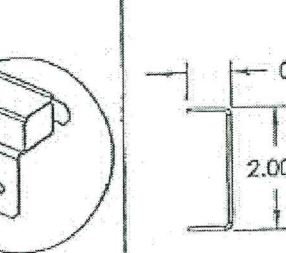
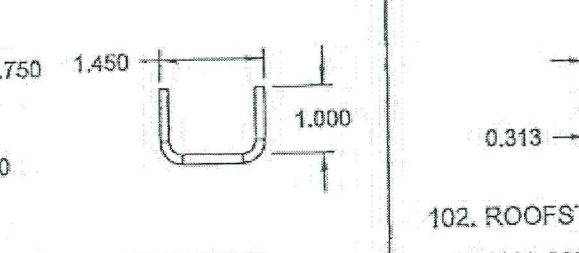
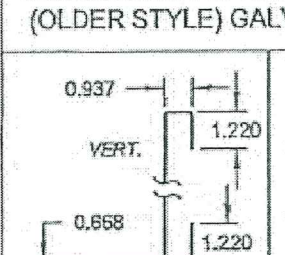
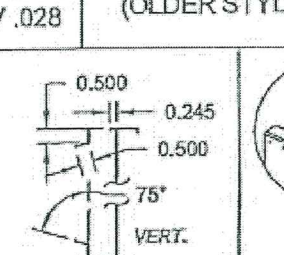
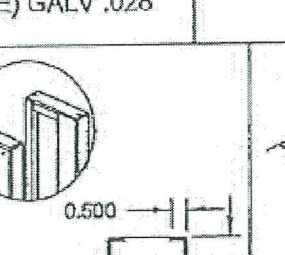
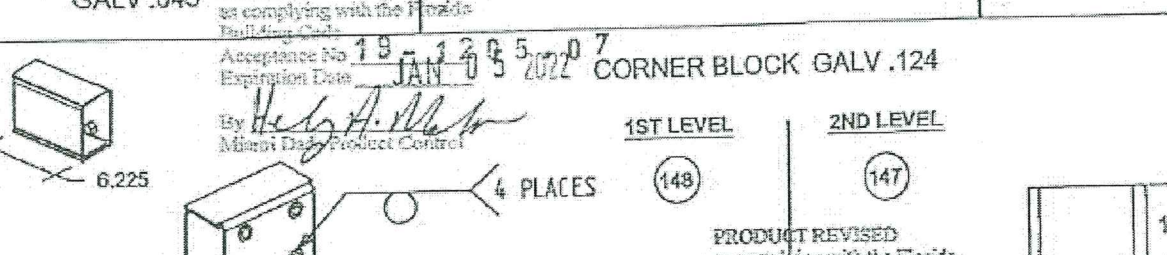
PRODUCT REVISED
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Expiration Date 01/05/2017
By *Heidi A. Miller*
Miami Dade Product Control

Approved as complying with the
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Date 12/12/2013
NOA# 16-0629.01
Miami Dade Product Control
By *Heidi A. Miller*

Scott Wolters
SCOTT WOLTERS
FL PE# 62354
WOLTERS ENGINEERING, INC.
(COA# 27194)
6358 SW 32ND TERRACE
FT. LAUDERDALE, FL 33312
NOV 23 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	
EOU OUTER		EOU OUTER		EOU OUTER	
SS INNER		SS INNER		SIDE, CORNER, OR REMOVABLE INNER	
EOU INNER		EOU INNER		SIDE, CORNER, OR REMOVABLE OUTER	
SS INNER		SS INNER		INNER: SS, EOU, SIDE REMOVABLE	
EOU INNER		EOU INNER		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>Heidi A. Mahon</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>Heidi A. Mahon</i> Miami Data Product Control		PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 16-0002 Expiration Date 01/05/2022 By <i>Heidi A. Mahon</i> Miami Data Product Control	
Approved as complying with the Florida Building Code Date 12/12/2013 NOA# 12-0624.01 Miami Data Product Control By <i>Heidi A. Mahon</i> Miami Data Product Control		Approved as complying with the Florida Building Code Date 12/12/2013 NOA# 12-0624.01 Miami Data Product Control By <i>Heidi A. Mahon</i> Miami Data Product Control		Approved as complying with the Florida Building Code Date 12/12/2013 NOA# 12-0624.01 Miami Data Product Control By <i>Heidi A. Mahon</i> Miami Data Product Control	
SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 5358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 2, 2011		SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 5358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 2, 2011		SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 5358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 2, 2011	
DRAWING # AIRS0705 SHEET 41 OF 46		DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT		REV. HISTORY BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS REV. A DATE 16-SEP-2013	
TRANE US Inc.		TRANE US Inc.		TRANE US Inc.	

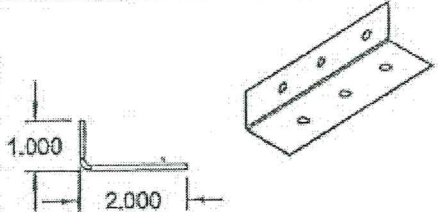
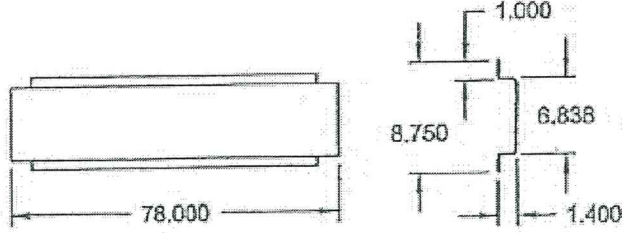
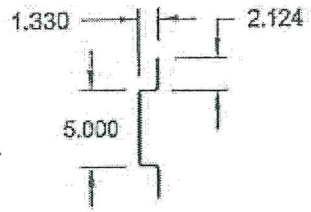
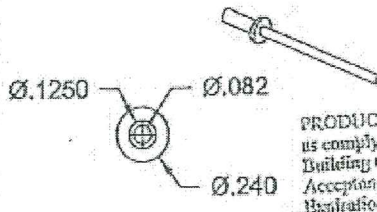
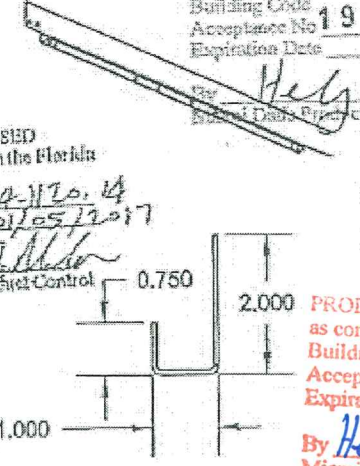
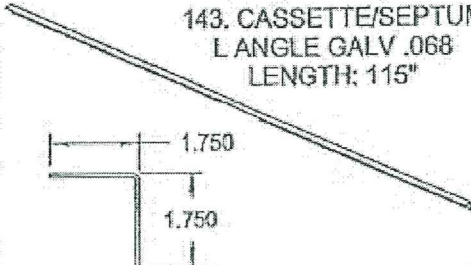
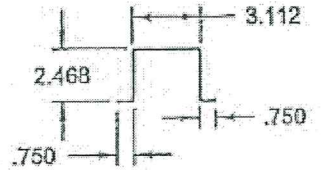
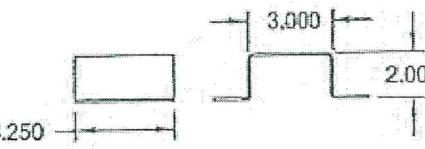
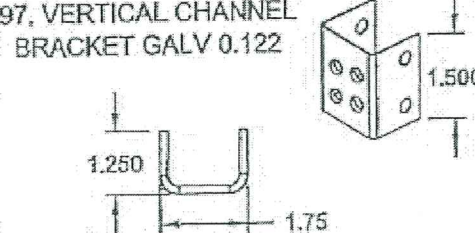
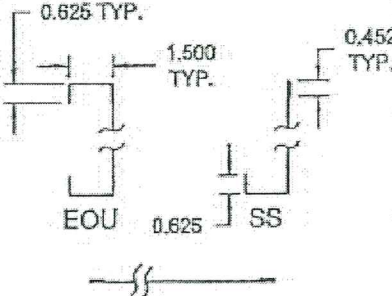
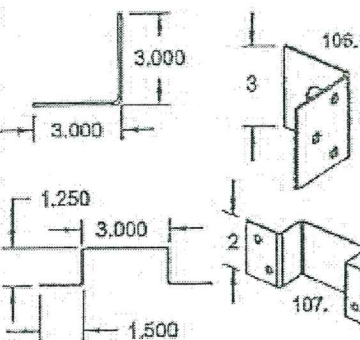
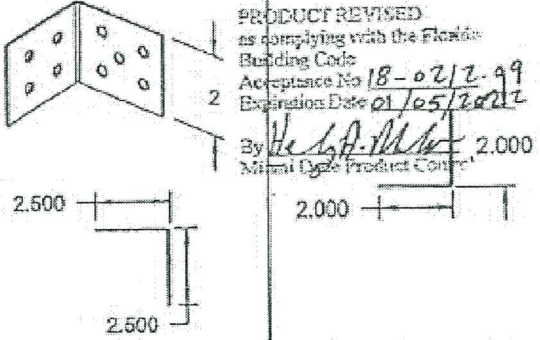
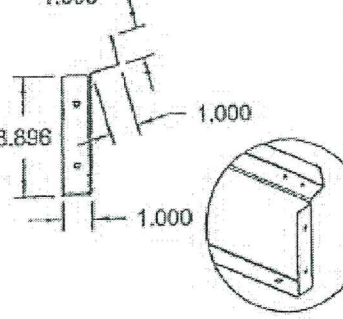
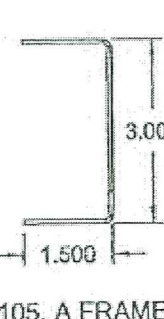
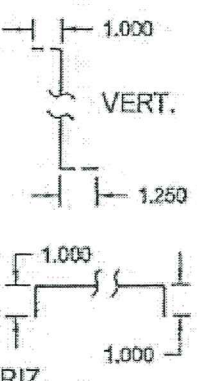
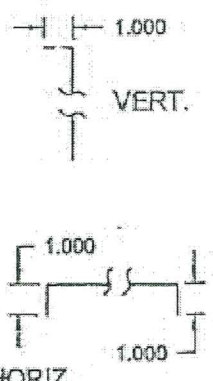
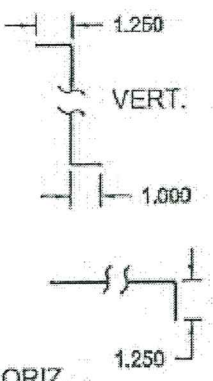
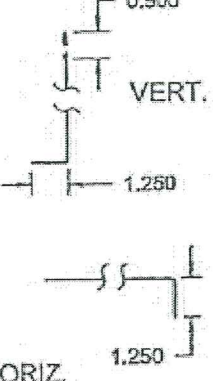
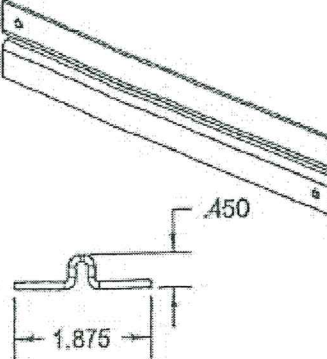
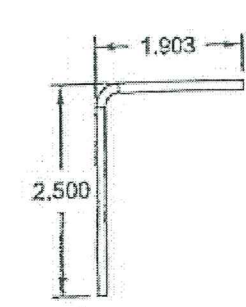
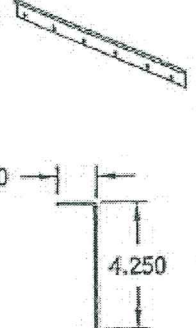
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By *Healy A. Miller*
Miami Dade Product Control

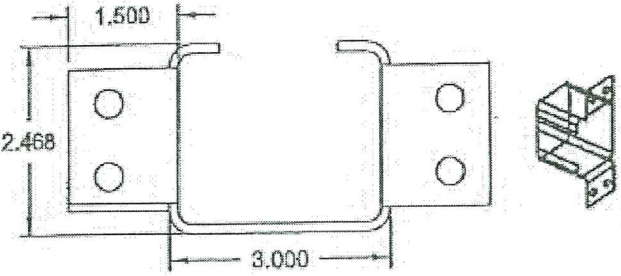
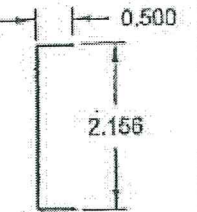
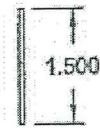
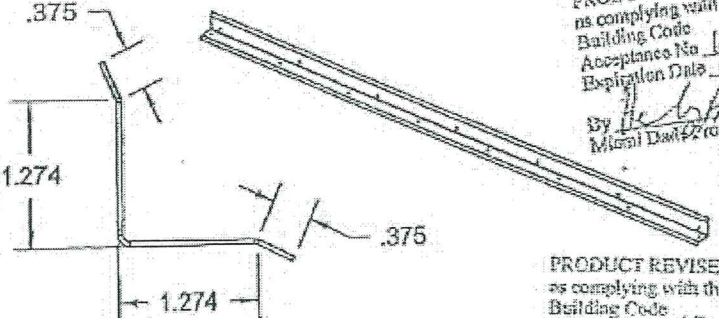
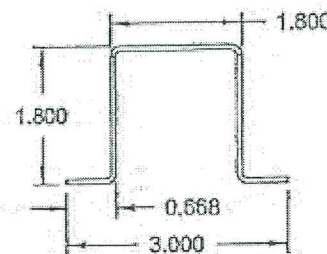
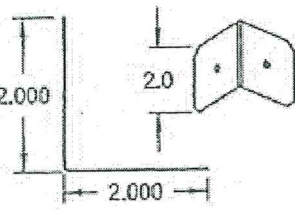
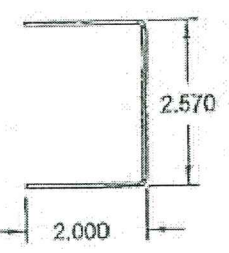
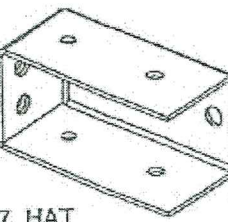
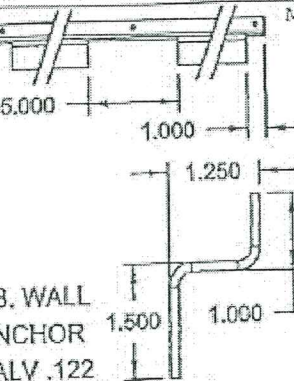
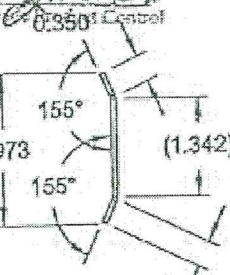
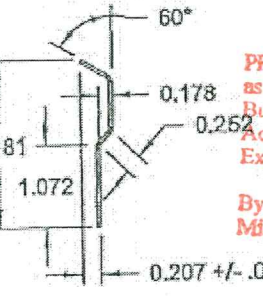
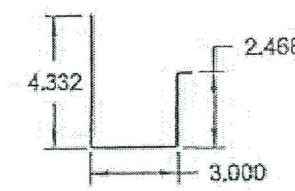
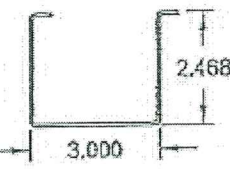
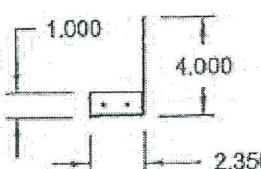
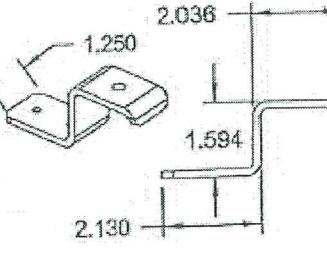
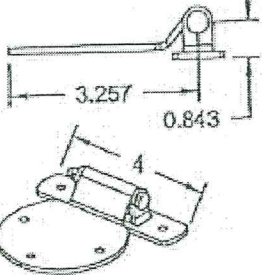
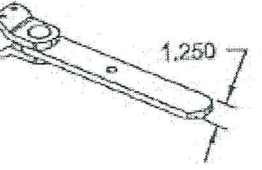
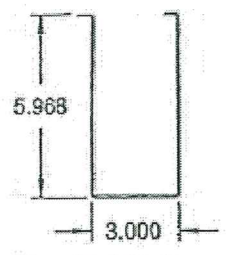
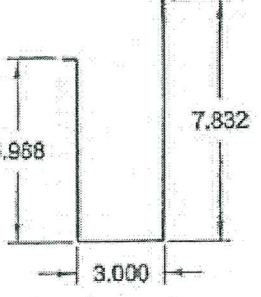
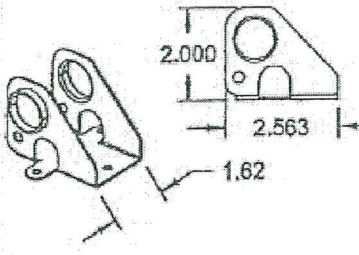
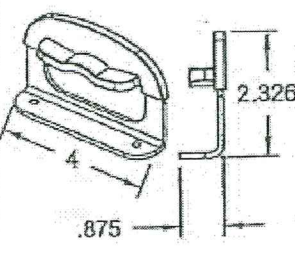
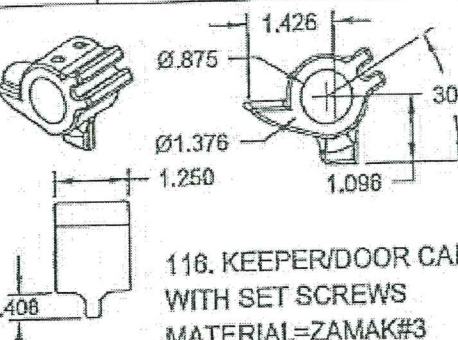
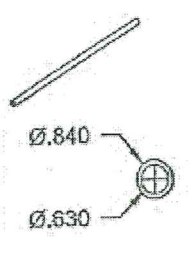
 69. ROOF KEEL GALV .044	 61. LIFTING LUG (1ST LEVEL) GALV .025	 68. LIFTING LUG (2ND LEVEL) GALV .250	 89. Z BRACKET GALV .124	 76. DRIP LIP GALV .124	 71. BACKING PLATE (ROOF) GALV .046	 84. UNIT WELD BRACKET GALV .124
 41. STACKED UNIT BRACKET GALV .124	 43. STACKED UNIT SKIRT GALV .068	 53. DISCONNECT BLOCK OFF GALV .028	 91. SHIPPING STRUCTURE PTA GALV .068	 86. PC ROOF ANGLE GALV .122	 124. WALL PANEL BACKING PLATE (P.C) STEEL .043 PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 20-0819.10 Expiration Date JAN 05 2022 By <i>Healy A. Miller</i> Miami Dade Product Control	
 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	 R0.126 PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 16-1858 Expiration Date 01/05/2022 By <i>Healy A. Miller</i> Miami Dade Product Control	
 DOOR OUTER METAL EDGES GALV .028	 DOOR INNER METAL EDGES GALV .028	 NARROW DOOR JAMB	 CORNER BLOCK GALV .124 1ST LEVEL (148) 4 PLACES 2ND LEVEL (147) 2 PLACES NOTE: W = 3/16" FILLET 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			

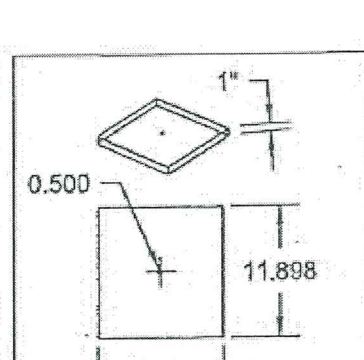
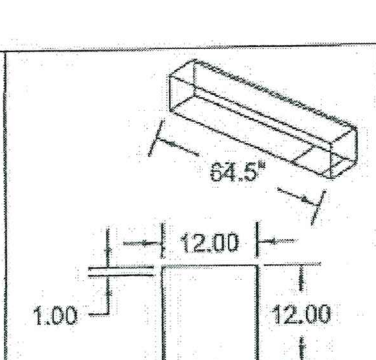
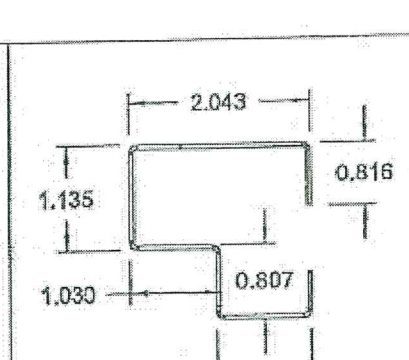
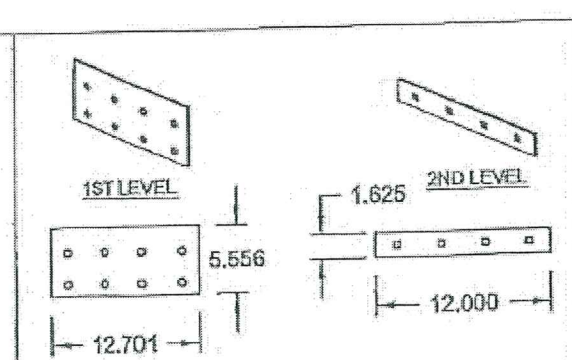
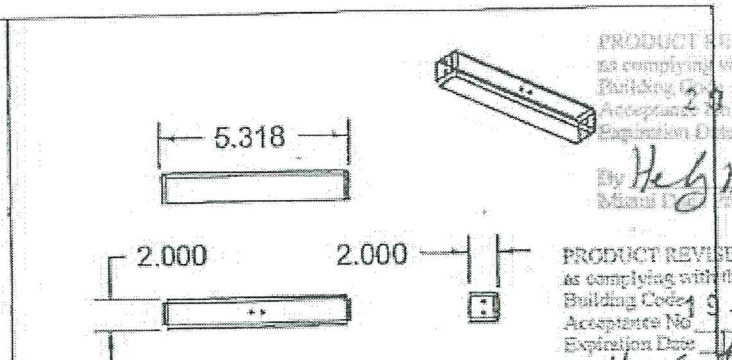
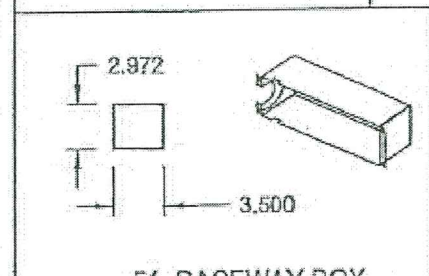
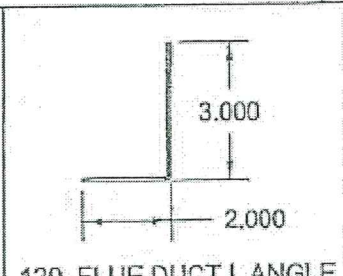
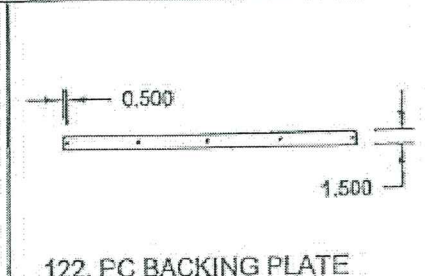
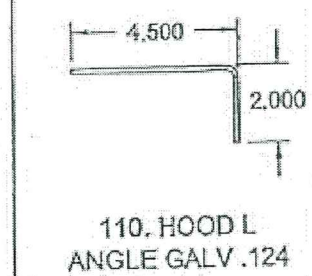
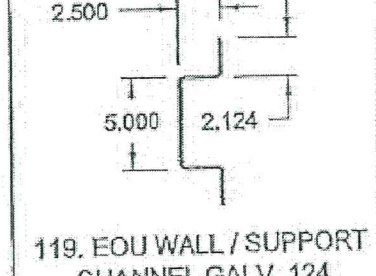
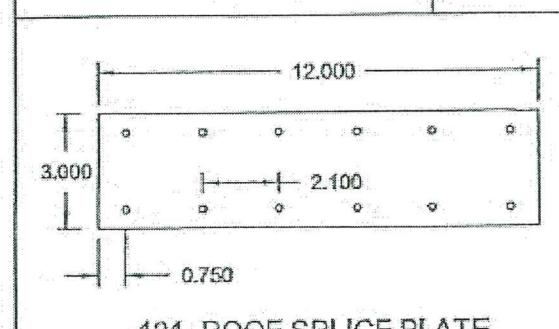
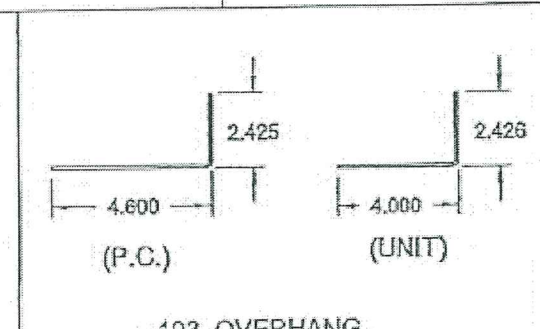
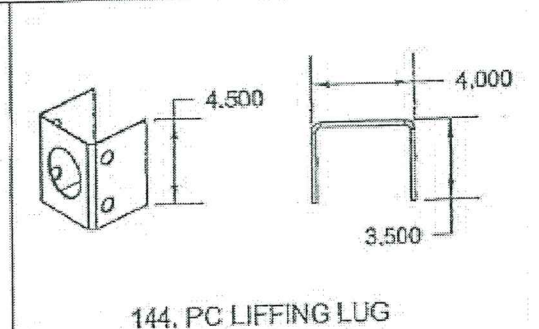
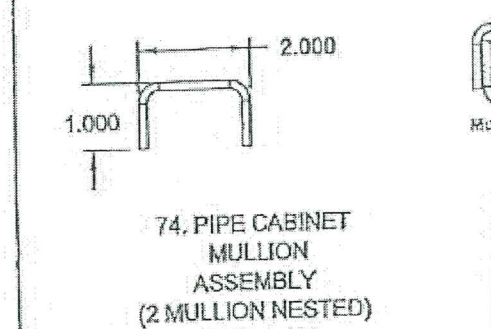
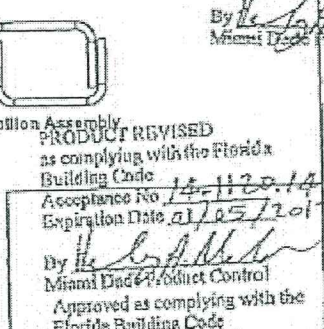
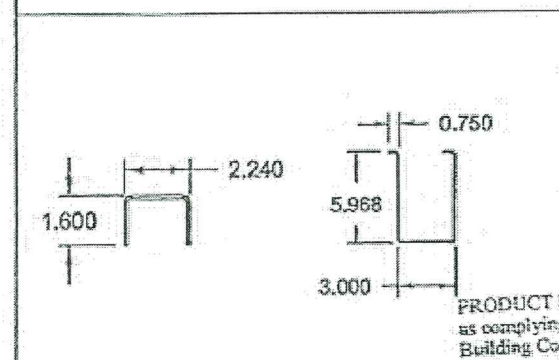
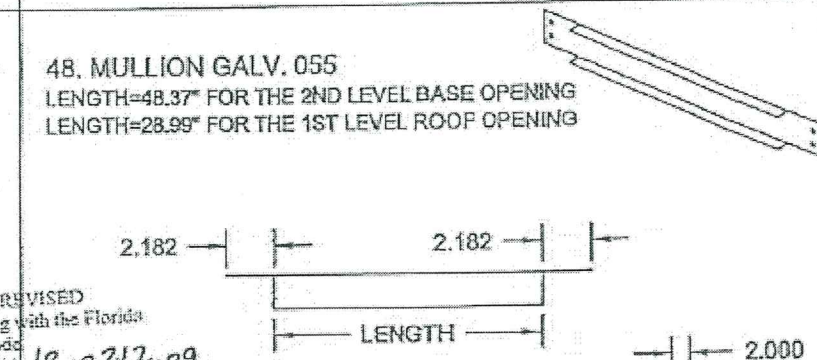
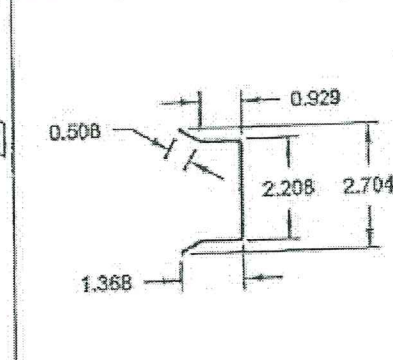
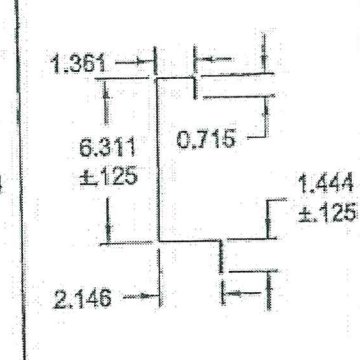
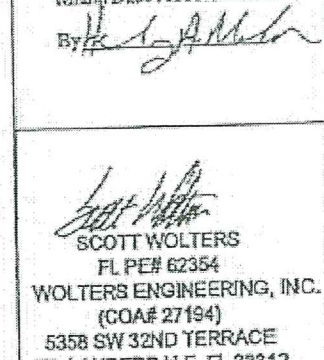
Approved as complying with the
Florida Building Code
Date 12/12/2013
MOA# 12-0628.06
Miami Dade Product Control
By *Healy A. Miller*

SCOTT WOLTERS
FL PE# 62354
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	TRANE US Inc.	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

 125. BOTTOM SMALL L ANGLE GALV .068	 95. TRANSITION HAT CHANNEL GALV .044	 136. DOAF ROOF SUPPORT CHANNEL GALV .068	 130. POP RIVET 5/16 GALV .028	 142. TOP CASSETTE TRACK GALV .068	
 143. CASSETTE/SEPTUM L ANGLE GALV .068 LENGTH: 115"	 145. DOAF BASE SUPPORT CHANNEL GALV .068	 81. CHAIN GUDIE/GUARD GALV .067	 97. VERTICAL CHANNEL BRACKET GALV 0.122	PRODUCT REVISED as complying with the Florida Building Code Acceptance No 19-1205.07 Expiration Date JAN 05 2022 By <i>Hely A. Mbr</i> Miami Dade Product Control	
OUTDOOR ROOF METAL EDGE DETAILS (ALL .043 GALV.) 	 106 AND 107. HOOD LIFTING LUGS GALV .124	 109. HOOD SUPPORT BRACKET GALV .070	 108. HOOD SUPPORT GALV .070	 105. A FRAME VERTICAL GALV .070	
HOOD TOP PANEL GALV .043  HORIZ.	HOOD BACK PANEL GALV .043  HORIZ.	HOOD SIDE PANEL (BACK) GALV .043  HORIZ.	HOOD SIDE PANEL (SIDE) GALV .043  HORIZ.	 115. PC ROOF KEEL ALUMINUM 0.100 ALUMINUM ALLOY 6063. T6	
 75. BASE SUPPORT CHANNEL (PC BASE L ANGLE) GALV. 0.070	 96. TOP L ANGLE / SEPTUM L ANGLE GALV .068	Approved as complying with the Florida Building Code Date 12/12/2013 NOA# 12-0629.01 Miami Dade Product Control By <i>Hely A. Mbr</i> SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING, INC. (COA# 27194) 5358 SW 32ND TERRACE FT. LAUDERDALE, FL 33312 NOV 23 2013			
DRAWING # AIRS0705 SHEET 43 OF 46	DESC. TRANE PERFORMANCE CLIMATE CHANGER AIR HANDLER - SIZE 3-30 STACKED UNIT	TRANE US Inc.	REV. HISTORY — MOCK UPS SHEET REF: 50, 51 OF 53	BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS	REV. A DATE 10-SEP-2013

 90. CROSS BEAM (2ND LEVEL) GALV .122		 46. FOAM COVER GALV .027		 112. BACKING PLATE (HOOD) GALV .070		 134. CORNER SEAM CAP GALV .070		PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-1120-14 Expiration Date 01/05/2017 By <i>Healy A. M. M.</i> Miami Dade Product Control 111. HOOD SUPPORT TOP CHANNEL GALV .068 PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 11-1205-02 Expiration Date 01/05/2022 By <i>Healy A. M. M.</i> Miami Dade Product Control					
 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 PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 21-0625-06 Expiration Date 01/05/2027 By <i>Healy A. M. M.</i> Miami Dade Product Control	
 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		PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 20-0819-10 Expiration Date JAN 05 2022 By <i>Healy A. M. M.</i> 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 <i>Healy A. M. M.</i>	
 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		SCOTT WOLTERS FL PE# 62354 WOLTERS 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 K.YUVARAJA		REV. A		DATE 16-SEP-2013	
SHEET 44 OF 46		SECTION				MOCK UP/DWG SHEET REF: 45, 51, 53 OF 53		SCALE: NTS					

 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			
 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			
 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	 77. PC SHIPPING BRACKET GALV. 0.124			
 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	 93. SLIP FIT CHANNEL GALV. .070	 80. PC BASERAIL GALV. .070	 75. MULLION ASSEMBLY			
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.YUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **21-0819.10**
Expiration Date **JAN 05 2022**
By **Helga A. Mahr**
Miami Dade Product Control

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

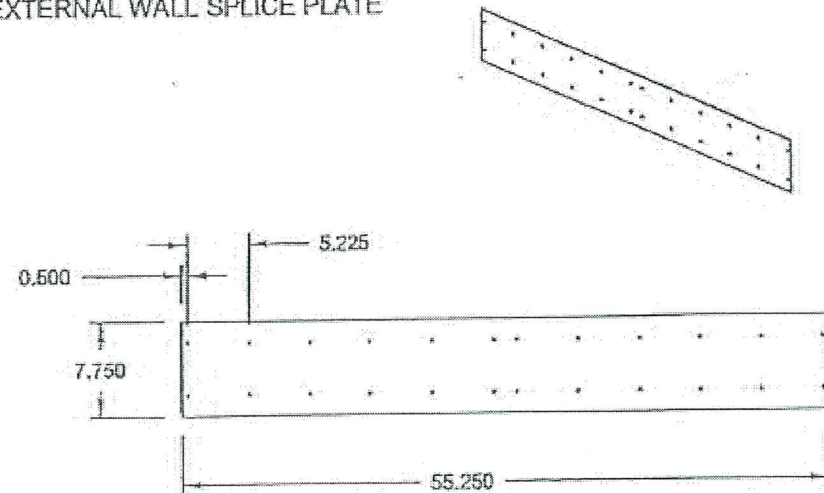
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **21-0628.06**
Expiration Date **01/05/2022**
By **Helga A. Mahr**
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **16-1205.02**
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
Approved as complying with the
Florida Building Code
Date **12/12/2013**
NOA# **12-0629.01**
Miami Dade Product Control
By **Helga A. Mahr**

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

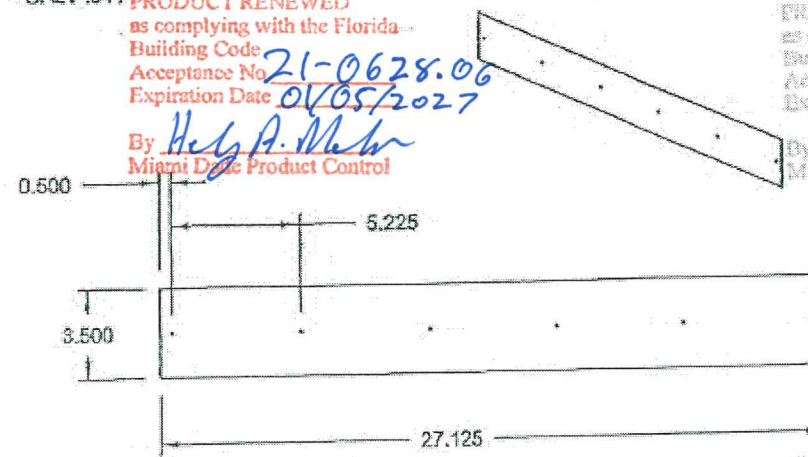
87. EXTERNAL WALL SPLICE PLATE



USED ON WALL PANEL
WITHOUT PLUG OPENING
GALV .044

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

85. INTERNAL WALL SPLICE PLATE

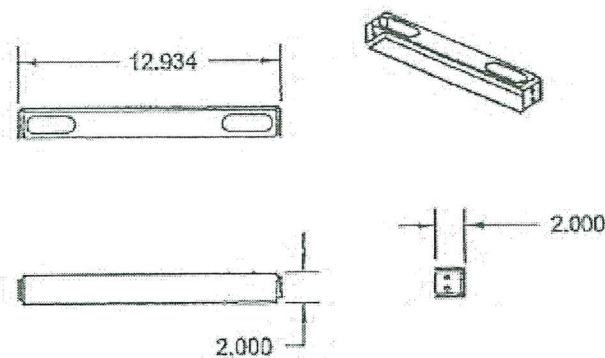


PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 20-0319.10
Expiration Date JAN 05 2022
By *Heidi A. Miller*
Miami Dade Product Control

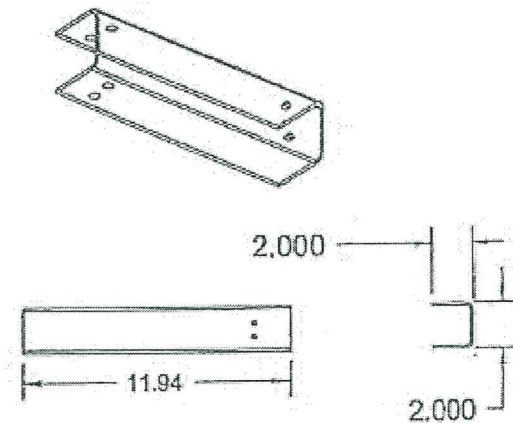
94. VERTICAL CHANNEL
GALV 0.122

PRODUCT RENEWED
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

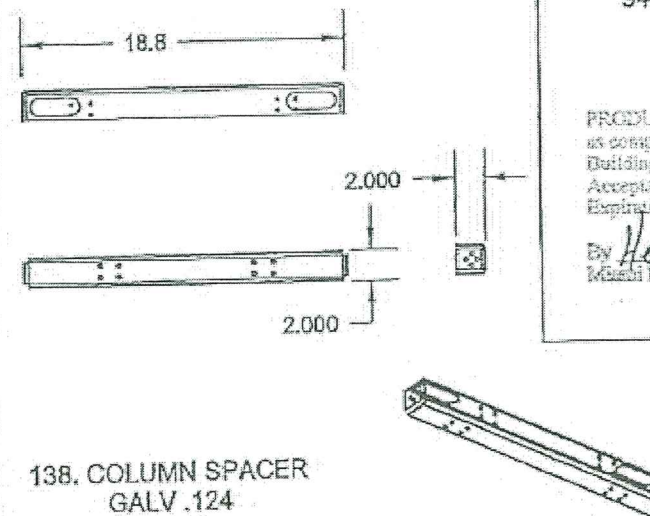
140. HORIZONTAL SUPPORT CHANNEL
GALV .068



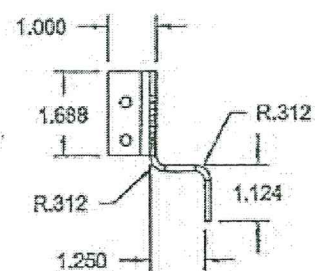
131. CASSETTE TRACK VERTICAL SUPPORT
GALV .124



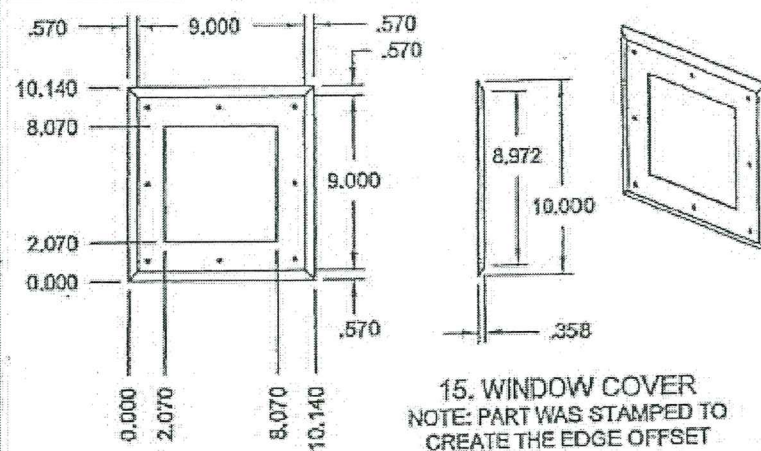
138. COLUMN SPACER
GALV .124



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



141. CASSETTE TRACK
GALV .124



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

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

PRODUCT RENEWED
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 WOLTERS
FL PE# 62354
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	TRANE US Inc.	REV. HISTORY --- MOCK UP/POW/0 SHEET REF: 28, 29 OF 35 AND 57 - 63 OF 63	BY: S.MCCLOSKEY K.YUVARAJA SCALE: NTS	REV. A DATE 16-SEP-2013
SHEET 46 OF 46	SECTION				