



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.buildingcodeonline.com

ClimateCraft, Inc.
518 N. Indiana Avenue
Oklahoma City, OK 73106

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: CAH Series Air Handler Unit

APPROVAL DOCUMENT: Drawing No. CLC0001, titled "CAH Series Air Handler", sheets 1 through 6 of 6, prepared by Product Technology Corporation, dated 06/16/2010, last revision "D" dated 06/16/2010, signed and sealed by Robert J. Amoruso, P.E. on 07/19/2010, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Division

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA **revises & renews NOA #05-0111.02** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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



Helmy A. Makar
 11/18/2010

NOA No. 10-0726.01
Expiration Date: 08/11/2015
Approval Date: 11/18/2010
Page 1

ClimateCraft, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-0111.02

A. DRAWINGS

1. *Drawing No. CLC0001, titled " CAH Series Air Handler ", sheets 1 through 6 of 6, prepared by Product Technology Corporation, dated 11/12/2004, last revision "C" dated 07/25/2005, signed and sealed by Eric S. Nielsen, P.E. on 07/27/2005.*

B. TESTS

1. *Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) ASTM E-72 (Racking Test).
5) ASTM E-8.*

along with marked-up drawings and installation diagram of CAH Air Handling Unit, prepared by Architectural Testing, Test Report No. 52379.01-801-18, dated October 05, 2004, signed and sealed by Steven M. Urich, P.E.

C. CALCULATIONS

1. *Anchor calculation prepared by Product Technology Corporation, dated December 20, 2004, sheets 1 through 5 of 5, signed and sealed by Eric S. Nielsen, P.E. on December 20, 2004.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Statement letter of conformance by Product Technology Corporation, dated December 06, 2004, signed and sealed by Eric S. Nielsen, P.E. on December 20, 2004.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. CLC0001, titled " CAH Series Air Handler ", sheets 1 through 6 of 6, prepared by Product Technology Corporation, dated 06/16/2010, last revision "D" dated 06/16/2010, signed and sealed by Robert J. Amoruso, P.E. on 07/19/2010.*



Helmy A. Makar, P.E., M.S.
Senior Product Control Examiner
NOA No. 10-0726.01
Expiration Date: 08/11/2015
Approval Date: 11/18/2010

ClimateCraft, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Anchor calculation prepared by Product Technology Corporation, dated June 14, 2010, sheets 1 through 4 of 4, signed and sealed by Robert J. Amoruso, P.E. on July 19, 2010.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Statement letter of conformance by Product Technology Corporation, dated July 19, 2010, signed and sealed by Robert J. Amoruso, P.E. on July 19, 2010.*

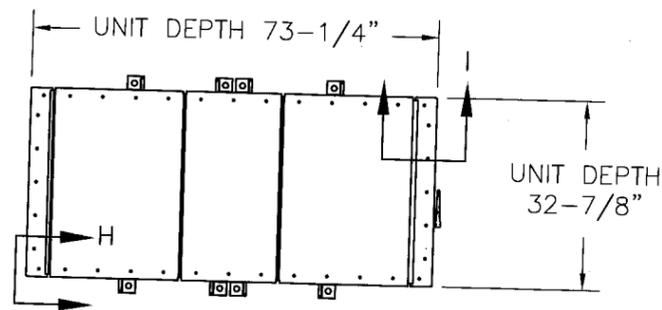


Helmy A. Makar, P.E., M.S.
Senior Product Control Examiner

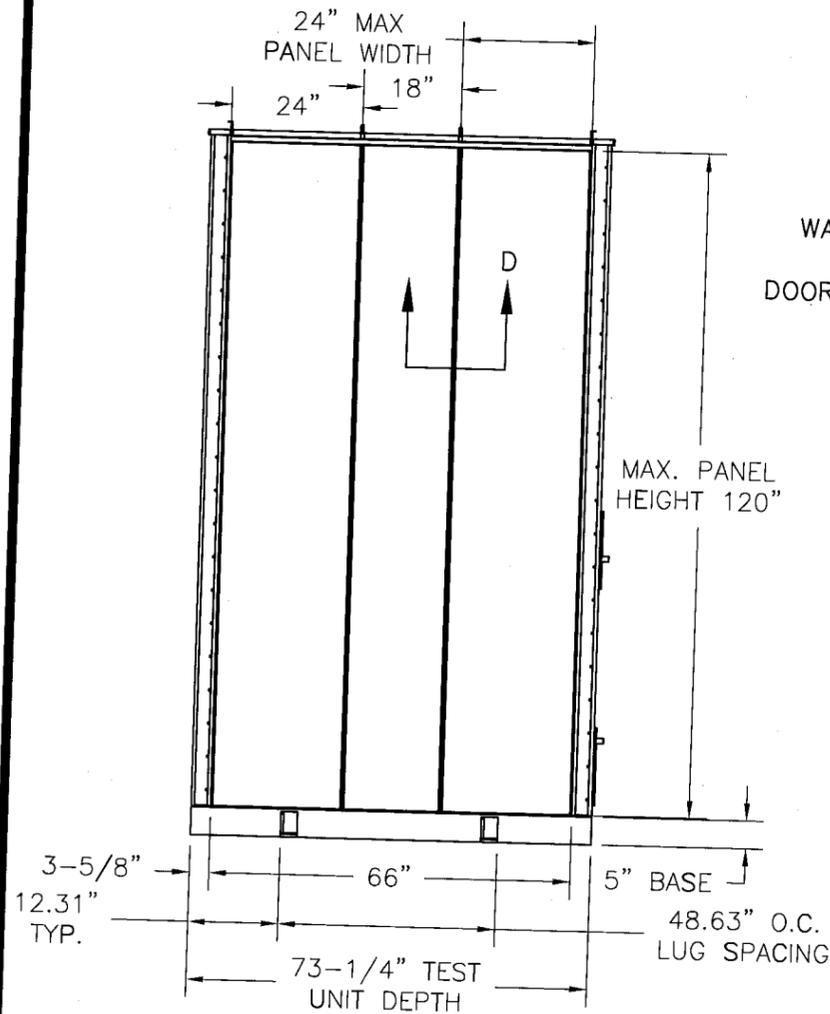
NOA No. 10-0726.01

Expiration Date: 08/11/2015

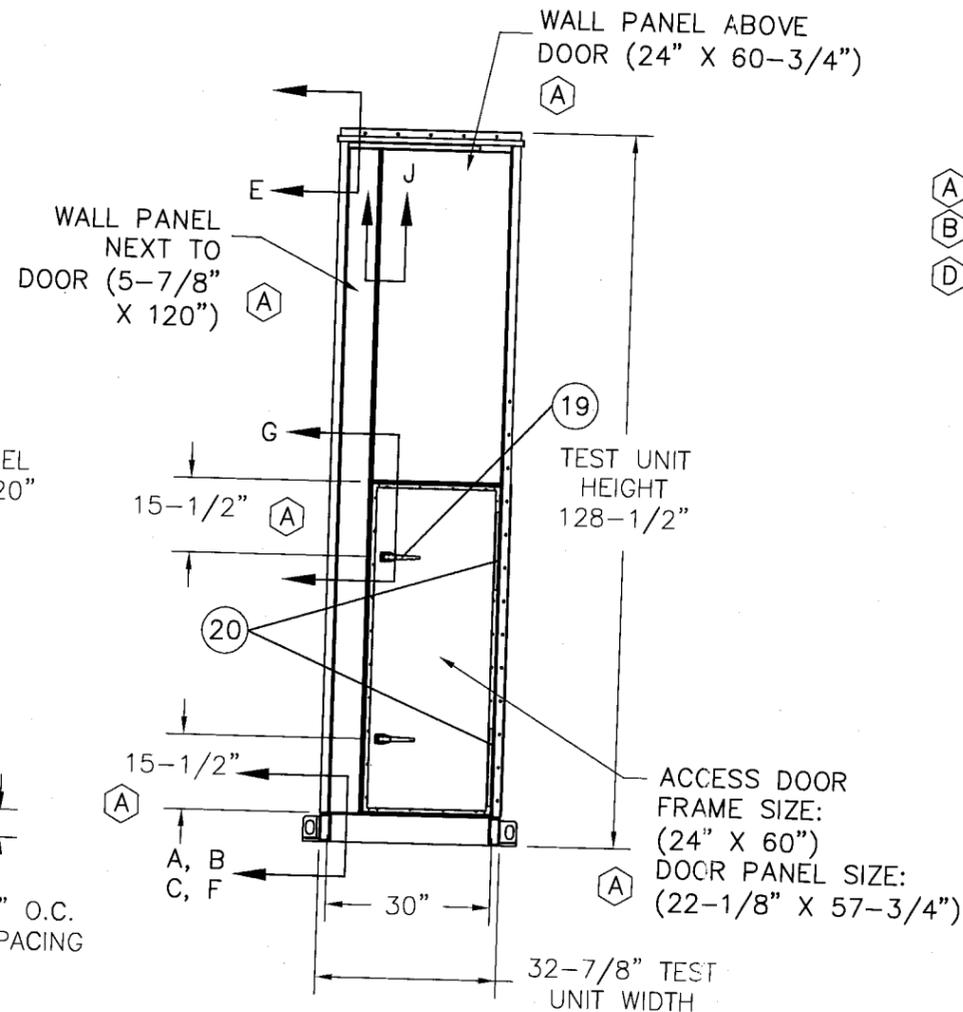
Approval Date: 11/18/2010



TOP ELEVATION (A)



SIDE ELEVATION



FRONT ELEVATION

GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE HVHZ OF THE 2007 FLORIDA BUILDING CODE.
- 2) STEEL CURB OR STRUCTURAL STEEL DUNNAGE TO BE DESIGNED & ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. CURB OR STRUCTURAL STEEL ARE RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD & IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THEY SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPT.
- 3) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 4) FOR MAXIMUM ROOF/FLOOR & WALL PANELS SEE DESIGN PRESSURE CHARTS.
- 5) THE DOOR FRAME CONSISTED OF AN ALUMINUM INNER ANGLE & AN OUTER STAINLESS STEEL ANGLE. A THERMAL BREAK GASKET WAS LOCATED BETWEEN THE INNER & OUTER ANGLE. THE CORNERS OF THE OUTER ANGLE WERE WELDED & THE CORNERS OF THE INNER ANGLE WERE BUTTED & SEALED WITH SILICONE. THE INNER & OUTER ANGLES WERE SECURED TOGETHER WITH 14 FLAT HEAD ALUMINUM RIVETS. TWO RIVETS WERE INSTALLED IN THE HEAD & SILL LOCATED 5-1/2" FROM EACH JAMB END, AND FIVE IN EACH JAMB LOCATED 5-1/2" FROM EACH END & ON 12" SPACING THEREAFTER.
- 6) THE DOOR FRAME HINGE JAMB WAS SECURED TO THE CORNER FRAME MEMBER WITH TEN 5/16"-18 BY 1-1/4" SAE J429, GRADE 2 HEX BOLTS & NUTS WITH ONE CONICAL SEALING WASHER & TWO 5/16" FLAT WASHERS. THE BOLTS WERE LOCATED @ 3" FROM EACH END & ON 6" CENTERS THEREAFTER. THE DOOR FRAME LOCK JAMB WAS SECURED TO THE LEFT PANEL & TO A 2" BY 4" BY 1/8" THICK STEEL ANGLE WITH TEN 5/16"-18 BY 1-1/4" SAE J429, GRADE 2 HEX HEAD BOLTS & NUTS WITH ONE CONICAL SEALING WASHER & TWO 5/16" FLAT WASHERS. THE BOLTS WERE LOCATED @ 3" FROM EACH END & ON 6" CENTERS THEREAFTER. THE DOOR FRAME HEAD WAS SECURED TO THE PANEL ABOVE WITH FOUR 5/16"-18 BY 1-1/4" SAE J429, GRADE 2 HEX HEAD BOLTS & NUTS WITH ONE CONICAL SEALING WASHER & TWO 5/16" FLAT WASHERS. THE BOTTOM FRAME MEMBER WAS TAPPED TO ACCEPT THE BOLTS. A THERMAL BREAK GASKET WAS LOCATED BETWEEN THE DOOR FRAME & THE SURROUNDING MEMBERS. THE INTERIOR SKIN OF THE DOOR WAS SECURED TO THE OUTER SKIN WITH #12 BY 1" SELF-TAPPING SCREWS LOCATED 5-1/2" FROM EACH END & ON 6" CENTERS THEREAFTER. THE HINGE WAS SECURED TO THE HINGE STILE WITH #12 BY 1" SELF-TAPPING SCREWS LOCATED 2", 11", & 17" FROM THE TOP & BOTTOM OF THE JAMB. THE DOOR HAD TWO BRASS DOOR LATCHES ON THE INTERIOR & TWO ON THE EXTERIOR LOCATED 15-1/2" FROM THE TOP & BOTTOM OF THE LOCK STILE.

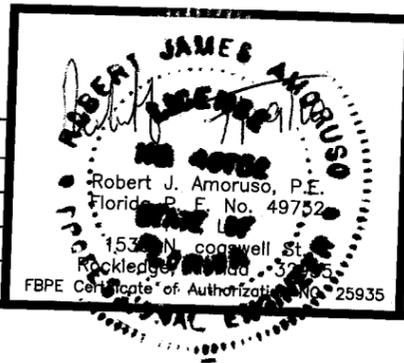
(A)	WALL PANELS
	MAX. DESIGN PRESSURE +110.0 PSF & -110.0 PSF
	ROOF PANELS
(A)	MAX. DESIGN PRESSURE +82.5 PSF & -82.5 PSF

(C)	WALL PANELS
	MAX. RACKING FORCE 47.0 lbs./L. IN. OF WALL PANEL

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 10-0726.01 Expiration Date 08/11/2015
 By: *[Signature]*
 Miami Dade Product Control Division

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION & GENERAL NOTES
2	BASE DETAILS & ANCHORING
3-5	VERTICAL & HORIZONTAL CROSS SECTIONS
6	BILL OF MATERIALS & COMPONENTS

SYM	REVISION	DATE	BY
D	MD NOA RENEWAL TO 2007 FBC	06/16/10	RJA
C	PER DADE MARK UPS DATED 07/21/05	07/25/05	JVS
B	PER DADE MARK UPS DATED 06/29/05	07/06/05	JVS
A	PER DADE MARK UPS DATED 05/12/05	05/26/05	JVS



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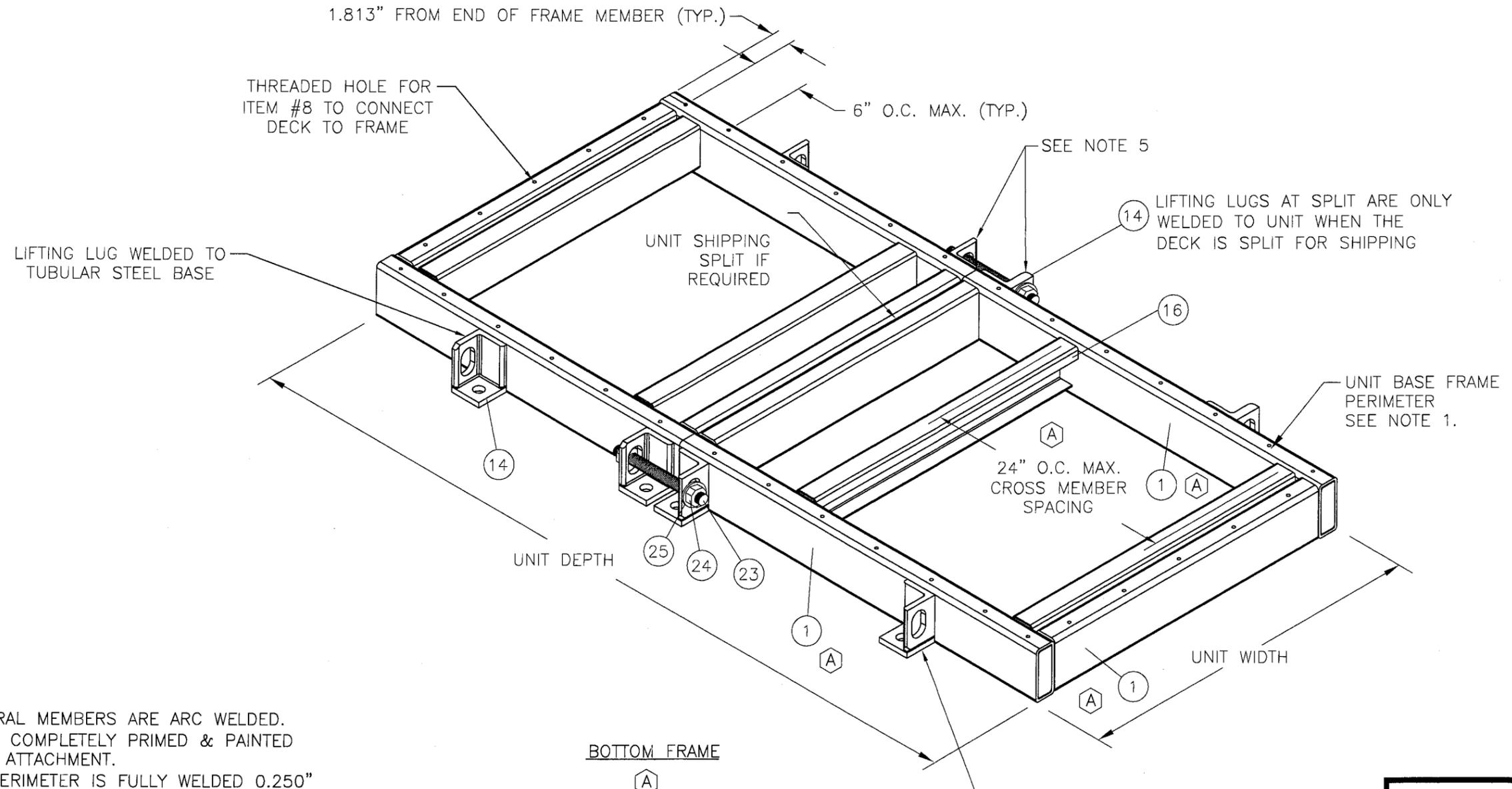
1427 N.W. 3rd STREET., OKLAHOMA CITY, OK 73106

TITLE: CAH SERIES AIR HANDLER ELEVATIONS & GENERAL NOTES

PREPARED BY: **PTC** Product Technology Corporation

Phone 321-690-1788 Fax 321-690-1789

DRN: BB	DATE: 06/16/10
SCALE: N.T.S.	DWG. NO: CLC0001
REV: D	SHEET: 1 OF 6



NOTES:

- 1) ALL JOINTS OF STRUCTURAL MEMBERS ARE ARC WELDED.
- 2) UNIT BASE AS SHOWN IS COMPLETELY PRIMED & PAINTED PRIOR TO FLOOR PANEL ATTACHMENT.
- 3) THE UNIT BASE FRAME PERIMETER IS FULLY WELDED 0.250" THICKNESS STRUCTURAL STEEL TUBING & FITTED WITH C-CHANNEL CROSS MEMBERS 24" O.C. MAX. CROSS MEMBER SPACING.
- 4) AIR HANDLING UNIT SIZE CAN VARY, BUT SPACING OF PANELS SPAN NOT TO EXCEED MAXIMUM ROOF / FLOOR & WALL PANEL WIDTH AS SHOWN ON SHEET 1 OF 5.
- 5) ITEMS #23, #24 & #25 ARE ONLY USED WHEN DECK IS SHIPPED IN TWO HALVES.
- 6) DESIGN & SIZE OF TUBULAR STEEL FRAMEWORK BASE RAIL WILL VARY FROM JOB TO JOB & THEIR STRUCTURAL ADEQUACY AS WELL AS THAT OF THE SUPPORT & ATTACHMENT DETAILS. ANCHORAGE TO THE ROOF ARE NOT PART OF THE SCOPE OF THIS APPROVAL. SAID DESIGN/DETAILS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPT.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 10-0726.01
 Expiration Date 08/11/2015
 By *Heather A. Miller*
 Miami Dade Product Control
 Division

SYM	REVISION	DATE	BY
D	MD NOA RENEWAL TO 2007 FBC	06/16/10	RJA
C	PER DADE MARK UPS DATED 07/21/05	07/25/05	JVS
B	PER DADE MARK UPS DATED 06/29/05	07/06/05	DRL
A	PER DADE MARK UPS DATED 05/12/05	05/26/05	JVS

MJM 7/19/10

Robert J. Amoroso, P.E.
 Florida P. E. No. 49752
 PTC, LLC
 1535 N. Cogswell St.
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 25935

ClimateCraft

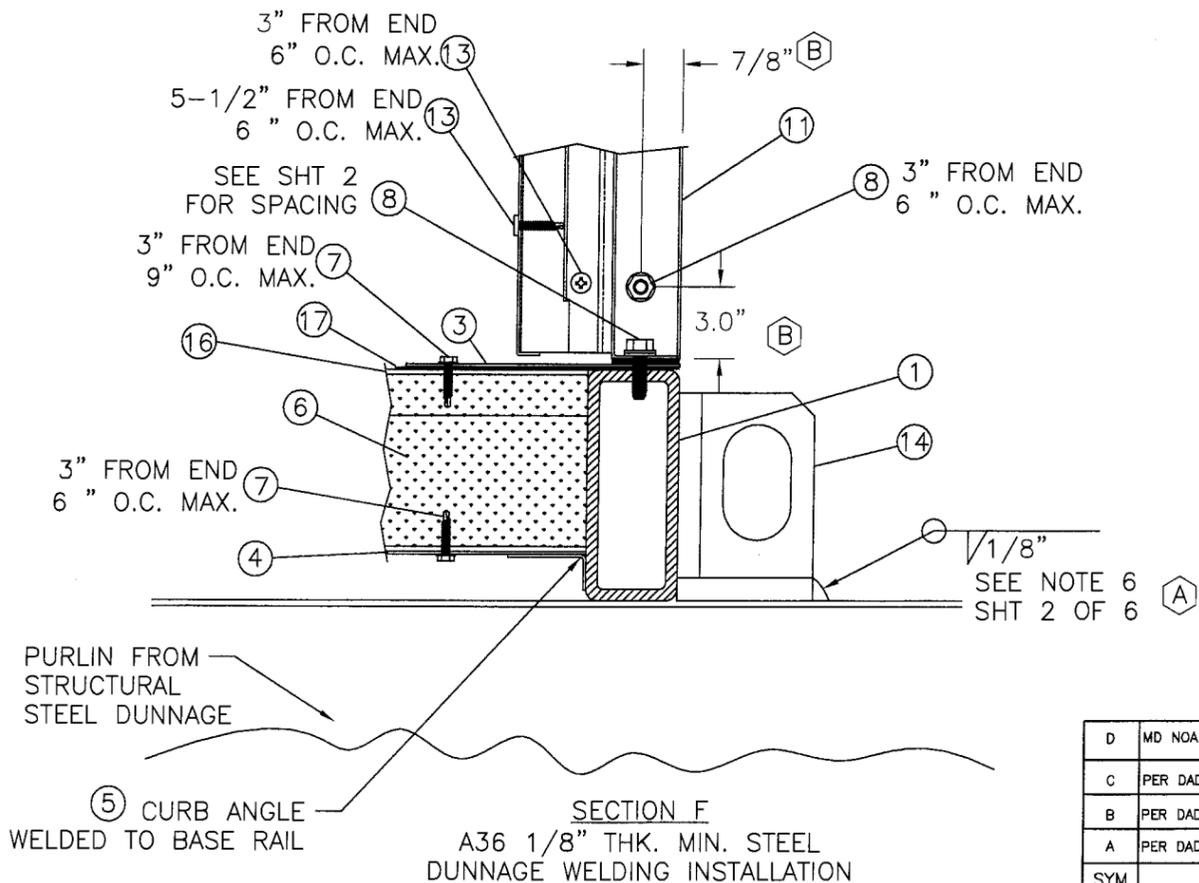
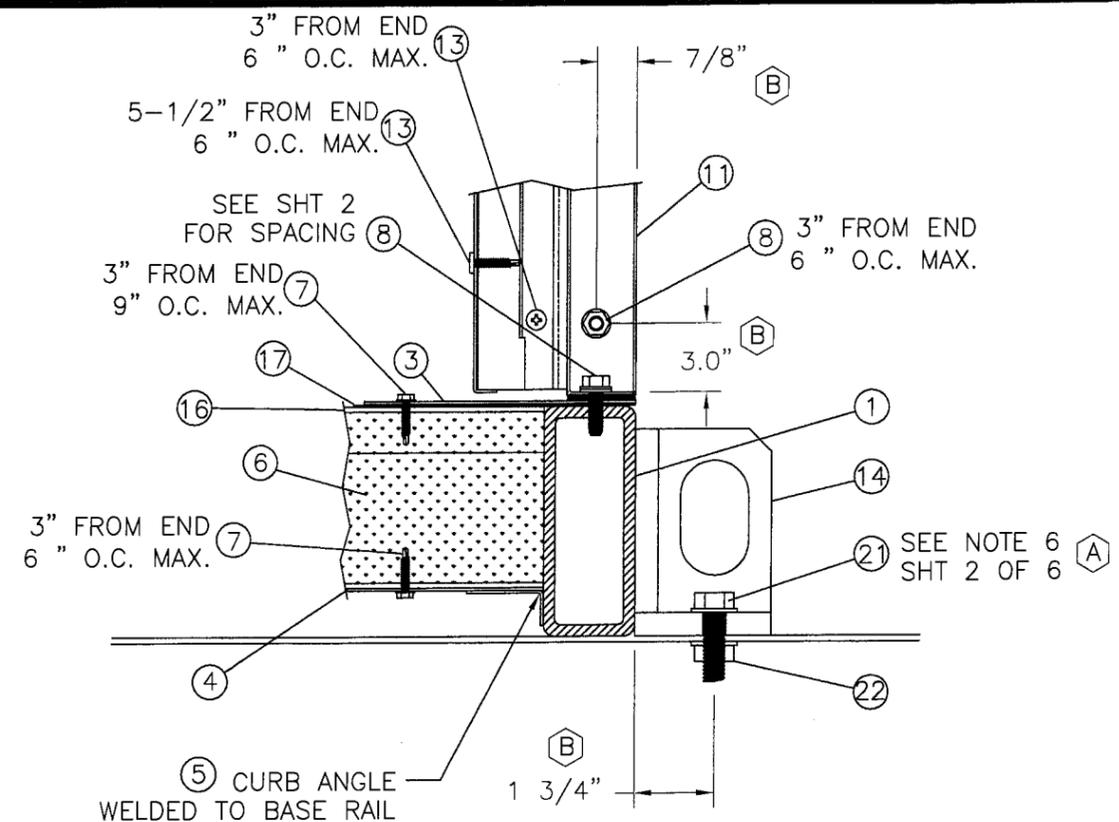
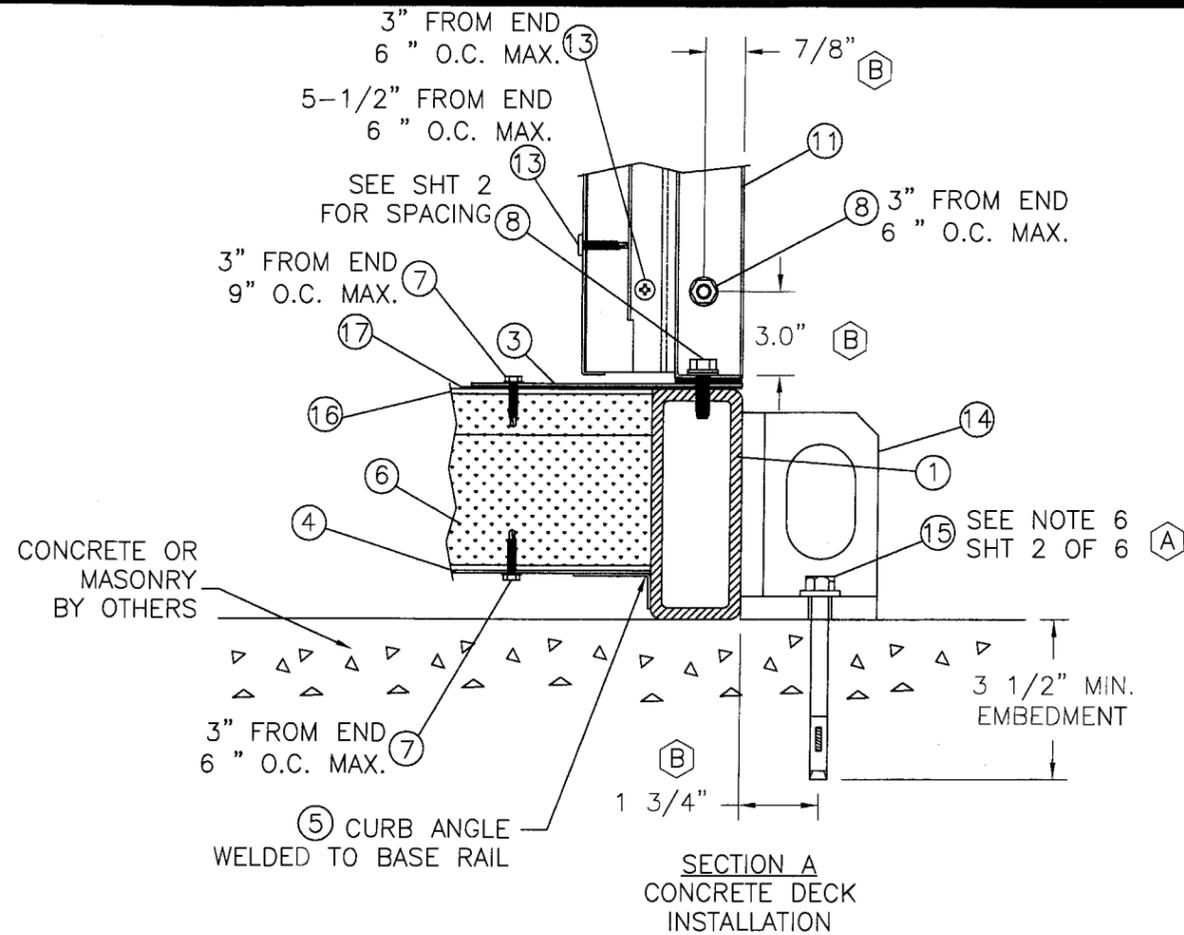
1427 N.W. 3rd ST., OKLAHOMA CITY, OK 73106

TITLE: CAH SERIES AIR HANDLER
 BASE DETAIL & ANCHORING

PREPARED BY: **PTC**
 Product Technology Corporation

DRN: BB DATE: 06/16/10
 SCALE: N.T.S. DWG. NO: CLC0001
 REV: D SHEET: 2 OF 6

Phone 321-690-1788 Fax 321-690-1789



NOTES:

- DOUBLE WALL THICKNESS CAN BE 2, 3, OR 4 INCHES. THE BLANKET TYPE FIBERGLASS INSULATION HAS THERMAL AND ACOUSTICAL PROPERTIES THAT MEET OR EXCEED A 3 POUND DENSITY RATING AND A FIRE HAZARD CLASSIFICATION OF 25/50 (PER ASTM E-84 AND UL-723).
- STANDARD INNER CASINGS PANELS ARE SOLID 20ga. (A) (MIN. .0370") G-90 GALVANIZED STEEL WHICH MAY BE USED IN ANY COMBINATION AS MAY BE REQUIRED THROUGHOUT (B) THE AIR HANDLING UNIT CASING.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 10-0726.01
 Expiration Date 08/11/2015
 By *Healy A. Healy*
 Miami Dade Product Control Division

D	MD NOA RENEWAL TO 2007 FBC	06/16/10	RJA
C	PER DADE MARK UPS DATED 07/21/05	07/06/05	JVS
B	PER DADE MARK UPS DATED 06/29/05	07/06/05	DRL
A	PER DADE MARK UPS 05/26/05	05/26/05	JVS
SYM	REVISION	DATE	BY

Healy A. Healy 7/19/10
 Robert J. Amoruso, P.E.
 Florida P. E. No. 49752
 PTC, LLC
 1535 N. Cogswell St.
 Rockledge, Florida 32955
 FBPE Certificate of Authorization NO. 25935

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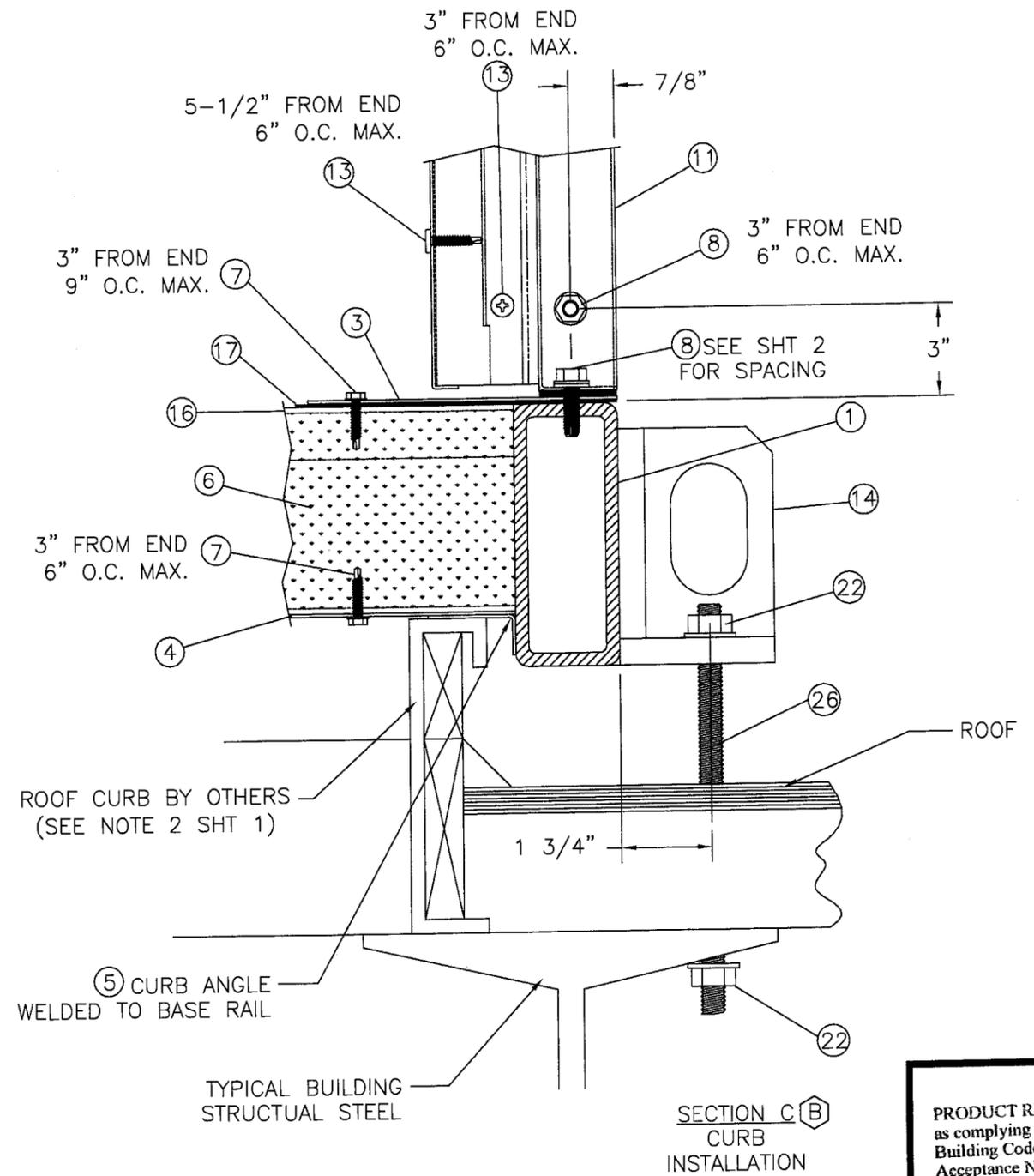
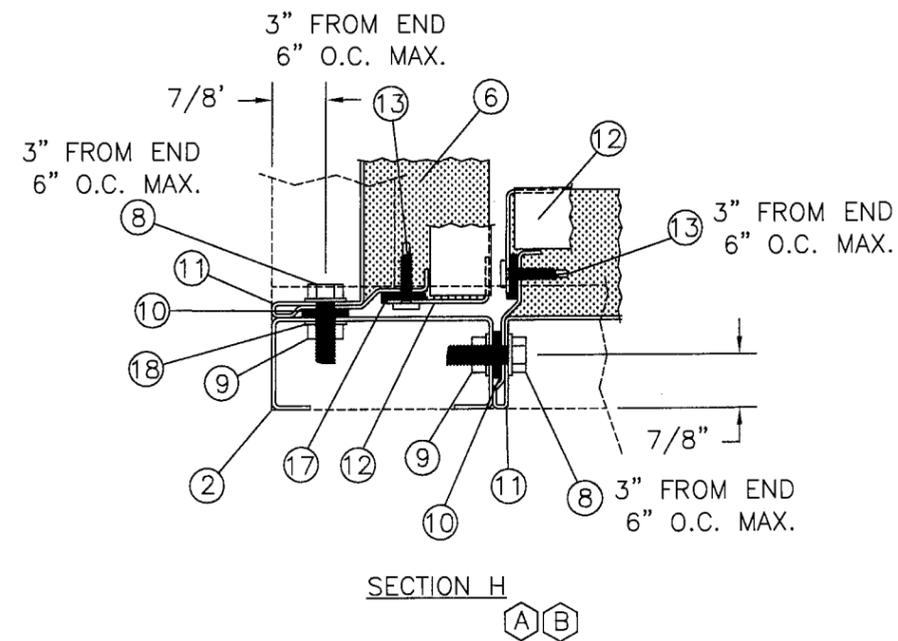
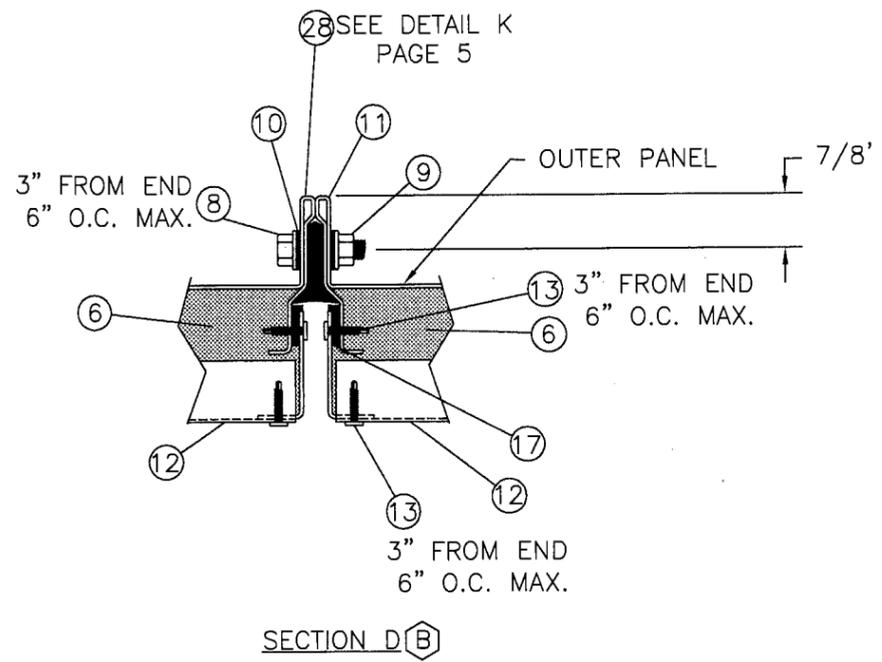
1427 N.W. 3rd ST., OKLAHOMA CITY, OK 73106

TITLE: CAH SERIES AIR HANDLER VERTICAL CROSS SECTIONS

PREPARED BY: **PTC** Product Technology Corporation

DRN: BB DATE: 06/16/10
 SCALE: N.T.S. DWG. NO: CLC0001
 REV: D SHEET: 3 OF 6

Phone 321-690-1788 Fax 321-690-1789



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 10-0726.01
 Expiration Date 08/11/2015
 By *Helmut A. Miller*
 Miami Dade Product Control
 Division

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1427 N.W. 3rd ST., OKLAHOMA CITY, OK 73106

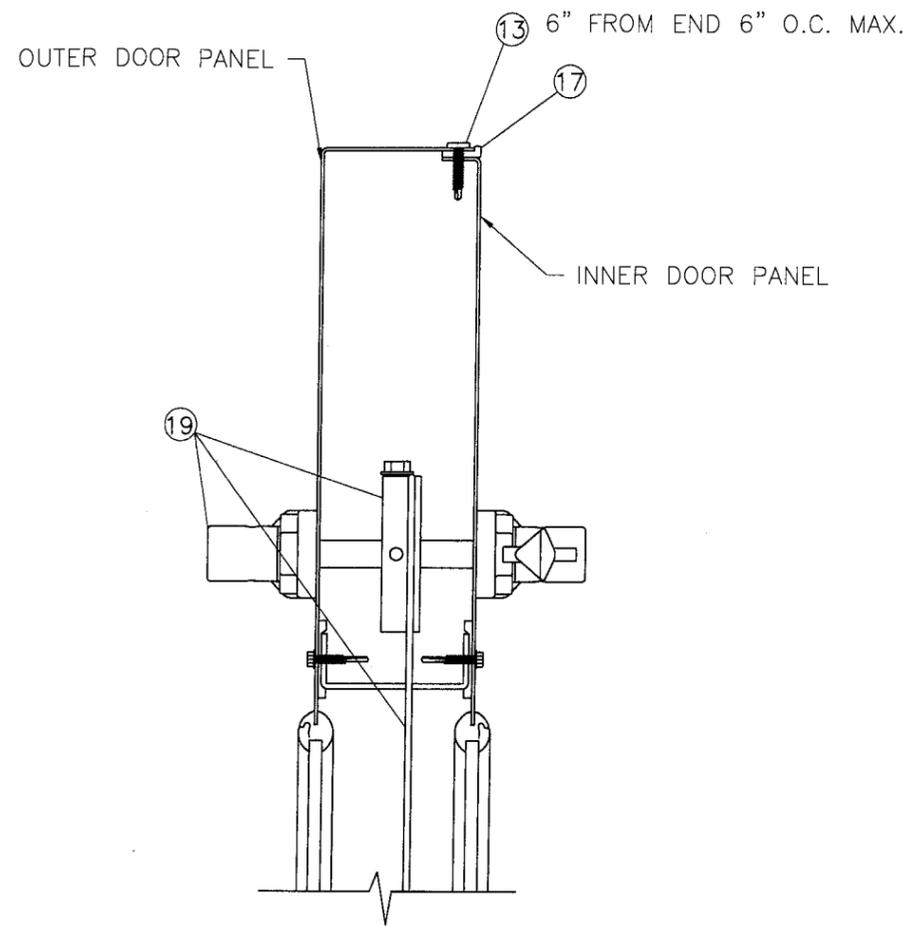
TITLE: CAH SERIES AIR HANDLER
 VERTICAL CROSS SECTIONS

PREPARED BY: PTC Product Technology Corporation	DRN: BB	DATE: 06/16/10
	SCALE: N.T.S.	DWG. NO: CLC0001
	REV: D	SHEET: 4 OF 6

SYM	REVISION	DATE	BY
D	MD NOA RENEWAL TO 2007 FBC	06/16/10	RJA
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A	PER DADE MARK UPS 05/12/05	05/26/05	JVS

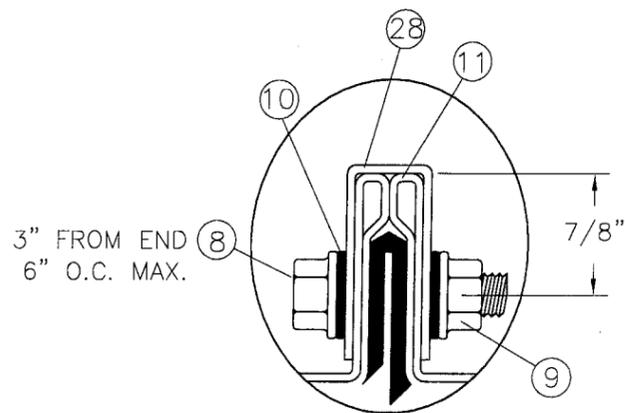
Robert J. Amoruso 7/19/10

Robert J. Amoruso, P.E.
 Florida P. E. No. 49752
 PTC, LLC
 1535 N. Cogswell St.
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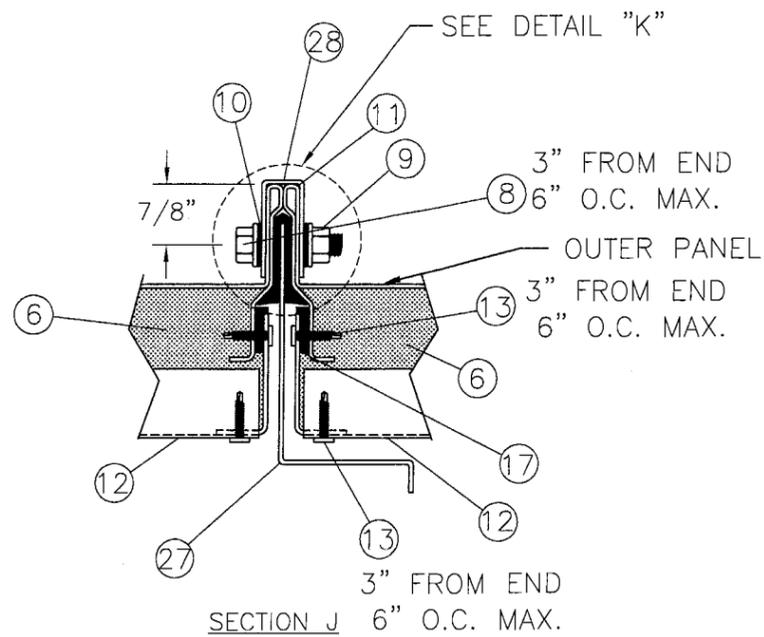
SECTION G
(DOOR PANEL ONLY)

A



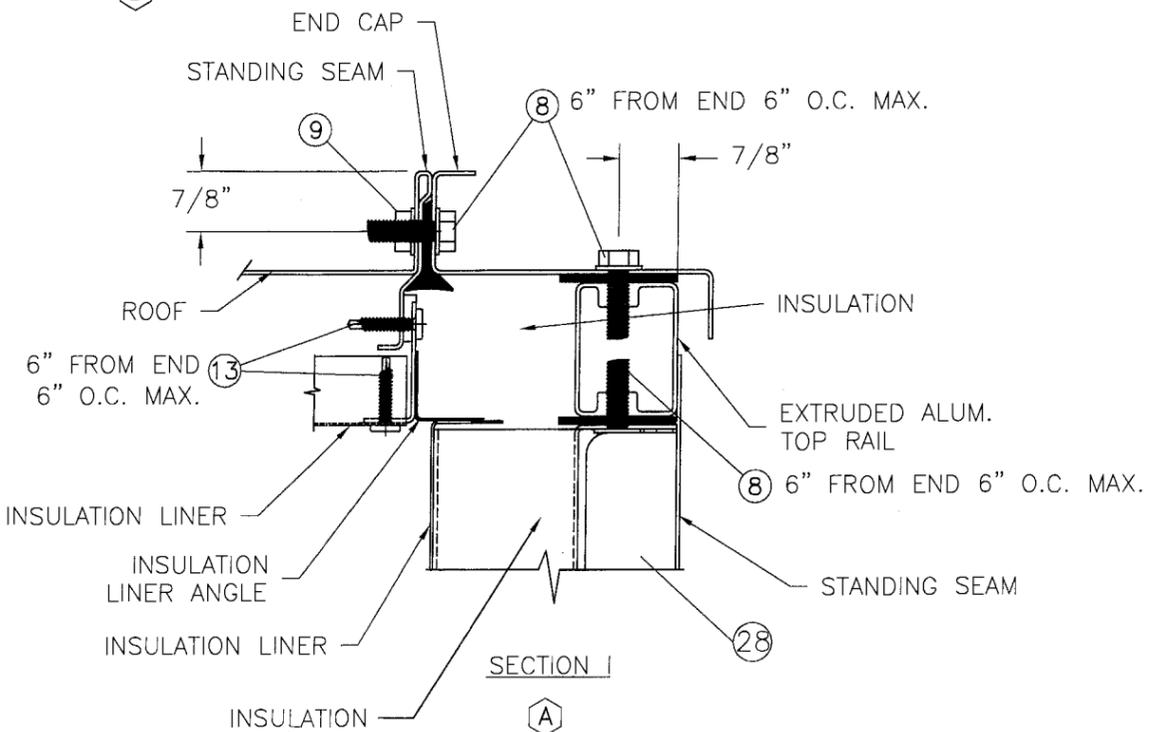
DETAIL "K"

A
B



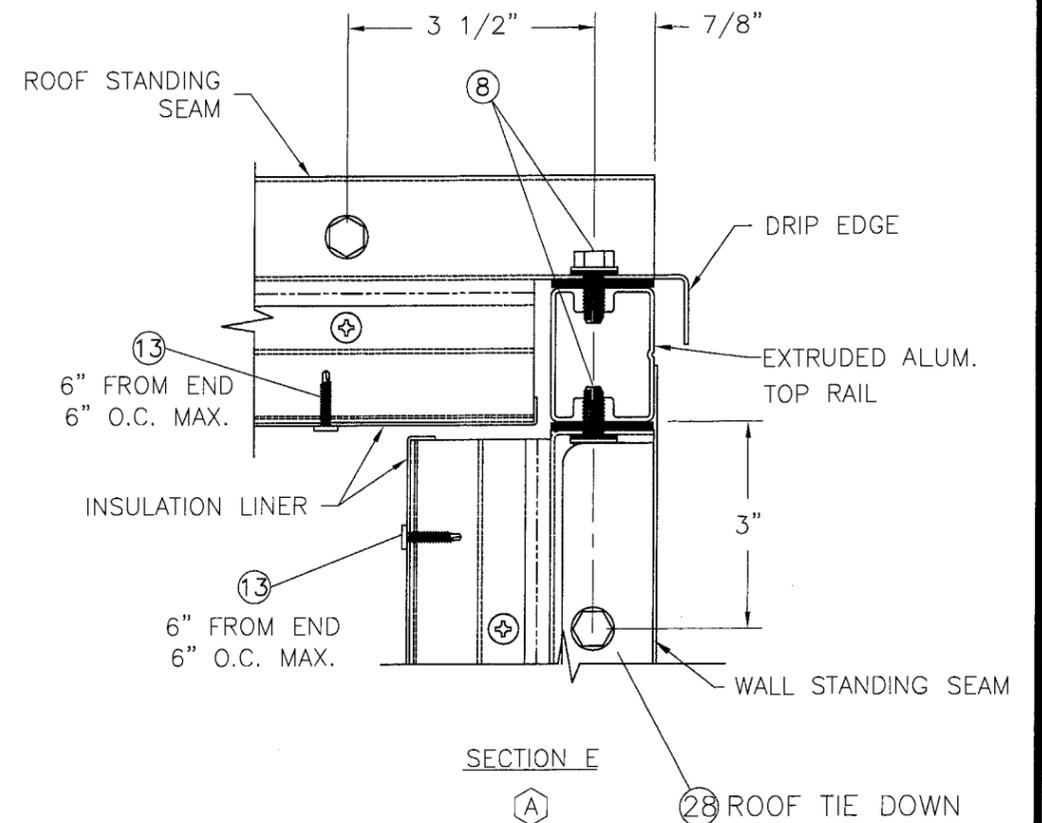
SECTION J
6" O.C. MAX.

A
B



SECTION I

A
B



SECTION E

A
B

SYM	REVISION	DATE	BY
D	MD NOA RENEWAL TO 2007 FBC	06/16/10	RJA
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Robert J. Amoruso 7/19/10
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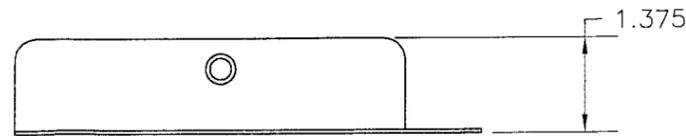
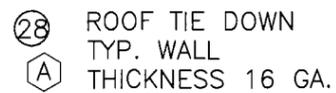
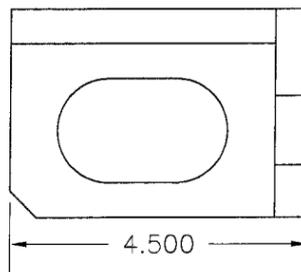
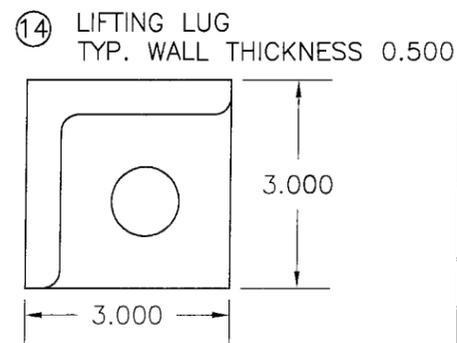
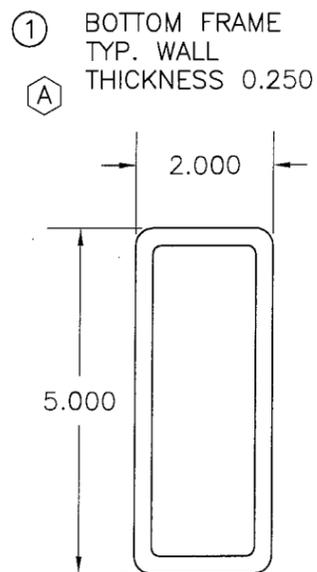
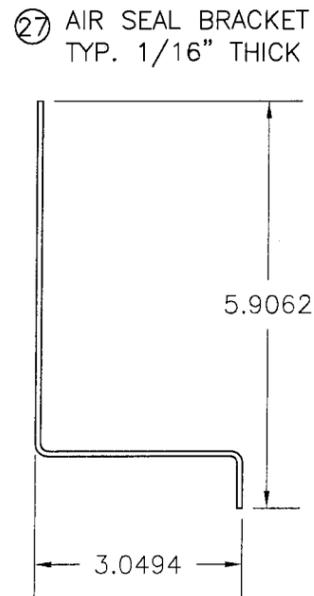
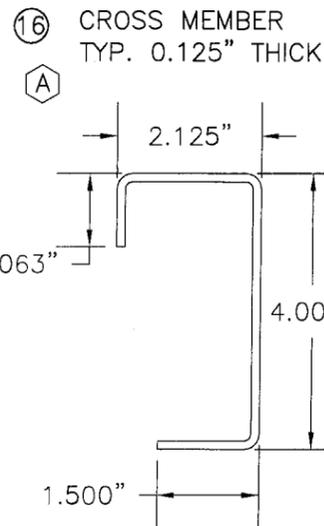
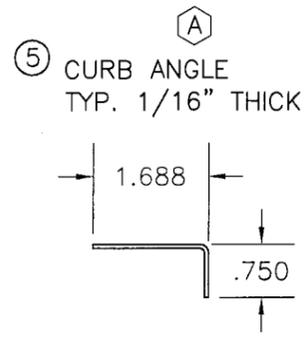
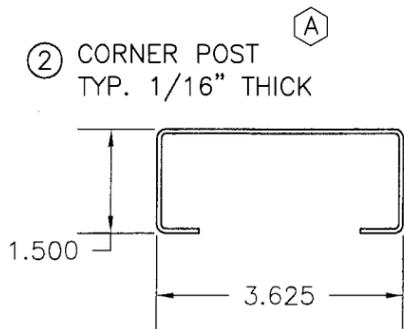
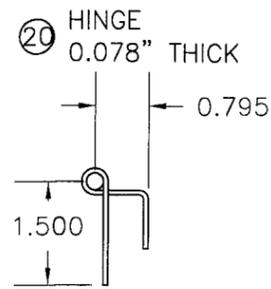
1427 N.W. 3rd ST., OKLAHOMA CITY, OK 73106

TITLE: CAH SERIES AIR HANDLER
VERTICAL CROSS SECTIONS

PREPARED BY: **PTC** Product Technology Corporation
 Phone 321-690-1788 Fax 321-690-1789

DRN: BB DATE: 06/16/10
 SCALE: N.T.S. DWG. NO: CLC0001
 REV: D SHEET: 5 OF 6

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 10-0726.01
 Expiration Date 08/11/2015
 By *Heather A. Miller*
 Miami Dade Product Control
 Division



BILL OF MATERIALS

NO.	PART NO.	DESCRIPTION	VENDOR
1		BOTTOM FRAME MEMBER 2" X 5" X 1/4" STEEL TUBE	CLIMATECRAFT
2		CORNER POST 1-1/2" X 1/16" STEEL C-CHANNEL	CLIMATECRAFT
3		INNER FLOOR 16 GA. G-90 GALVANIZED STEEL (0.059" MIN.)	CLIMATECRAFT
4		OUTER FLOOR 20 GA. G-90 GALVANIZED STEEL (0.037" MIN.)	CLIMATECRAFT
5		CURB ANGLE 3/4" X 1-13/16" X 16 GA. GALVANIZED STEEL	CLIMATECRAFT
6		BLANKET TYPE FIBERGLASS INSULATION	
7		#12-24 X 1" HEX HEAD SELF TAPPING SCREW	
8		5/16"-18 X 1-1/4" SAE J429, GRADE 2 HEX HEAD BOLT (CORRISION RESISTANT)	
9		5/16"-18 NUT	
10		CONICAL SEALING WASHER	
11		OUTER CASING 16 GA. G-90 GALVANIZED STEEL (0.059" MIN.) Fy=43 KSI	CLIMATECRAFT
12		INNER CASING 20 GA. G-90 GALVANIZED STEEL (0.037" MIN.) Fy=40KSI	CLIMATECRAFT
13		#12 X 1" SELF TAPPING SCREWS	
14		LIFTING LUG	CLIMATECRAFT
15		1/2" HILTI KWIK BOLT 3 SS CONCRETE ANCHOR (NOA No. 06-0810.13)	"BY OTHERS"
16		CROSS MEMBER 2.125" x 4.0" x 11 GA. STEEL	CLIMATECRAFT
17		1/8" THERMAL BREAK GASKET	
18		5/16" FLAT WASHER	
19		DOOR HANDLE ASSEMBLY	CLIMATECRAFT
20		PHWR-001-001 HINGE 14 GA. 304 STAINLESS STEEL LEAVES W/1/4" DIA. 304 STAINLESS STEEL PIN	CLIMATECRAFT
21		1/2" HEX HEAD STAINLESS STEEL BOLT	"BY OTHERS"
22		1/2" STAINLESS STEEL NUT & WASHER	"BY OTHERS"
23		1" DIA. STAINLESS STEEL THREADED ROD	
24		1" STAINLESS STEEL NUT	
25		1" STAINLESS STEEL WASHER	
26		1/2" DIA. STAINLESS STEEL THREADED ROD	"BY OTHERS"
27		AIR SEAL BRACKET	CLIMATECRAFT
28		ROOF TIE DOWN	CLIMATECRAFT

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 10-0726-01
Expiration Date 08/11/2015
By *Heather H. Miller*
Miami Dade Product Control
Division

SYM	REVISION	DATE	BY
D	MD NOA RENEWAL TO 2007 FBC	06/16/10	RJA
C	PER DADE MARK UPS 07/21/05	07/25/05	JVS
B	PER DADE MARK UPS 06/28/05	07/06/05	JVS
A	PER DADE MARK UPS 05/17/05	05/26/05	JVS

Robert J. Amoruso 7/19/10
Robert J. Amoruso, P.E.
Florida P. E. No. 49752
PTC, LLC
1535 N. Cogswell St.
Rockledge, Florida 32955
FBPE Certificate of Authorization NO. 25935

ClimateCraft

1427 N.W. 3rd ST., OKLAHOMA CITY, OK 73106

TITLE: CAH SERIES AIR HANDLER
BILL OF MATERIALS & COMPONENTS

PREPARED BY:
PTC
Product Technology Corporation
Phone 321-690-1788 Fax 321-690-1789

DRN: BB DATE: 06/16/10
SCALE: N.T.S. DWG. NO: CLC0001
REV: D SHEET: 6 OF 6