



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)

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 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: Series "CAH" Air Handling Unit

APPROVAL DOCUMENT: Drawing titled "CAH Series Air Handler", sheets 1 through 10 of 10, prepared by ClimateCraft, Inc., dated July 28, 2017, last revision #K dated Dec.16, 2025, signed and sealed by Robert James Amoroso, P.E., on December 18, 2025, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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

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

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

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

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

This NOA revises NOA #24-0429.05 and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

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



Helmy A. Makar
03/19/26

NOA No. 25-1223.03
Expiration Date: 08/29/2029
Approval Date: 03/19/2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #19-0520.02

A. DRAWINGS

1. Drawing titled "CAH Series Air Handler", sheets 1 through 7 of 7, prepared by ClimateCraft, Inc., dated July 28, 2017, last revision #F dated July 23, 2019, signed and sealed by Robert James Amoruso, P.E., on August 09, 2019.

B. TESTS

1. Test report on Large Missile Impact Test per TAS-201, Cyclic Wind Pressure Test per TAS-203 and Uniform Static Air Pressure Test per TAS-202 of Series CAH Air Handler Unit, prepared by FTL, Report No. FTL-17782, dated 07/24/2018, signed and sealed by Idalmis Ortega, P.E.
2. Test report on ASTM E72-15 of Series CAH Air Handler, prepared by FTL, Report No. FTL-17782, dated 07/24/2018, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor Calculations of base to building or this structure is not part of this approval and is the responsibility of the Architect or Engineer of Record.

D. QUALITY ASSURANCE

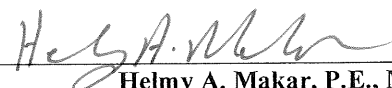
1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. Test report on Flame Spread and Smoke Developed per ASTM E84-18b of Series CAH Air Handler, prepared by QAI Laboratories, Report No. TJ6132-1, dated 04/29/2019, signed and sealed by V. Andrew Tan, P.E.
2. Test report on Flame Spread and Smoke Developed per ASTM E84-18b of Series CAH Air Handler, prepared by QAI Laboratories, Report No. TJ6132-2, dated 04/16/2019, signed and sealed by V. Andrew Tan, P.E.
3. Test report on Flame Spread and Smoke Developed per ASTM E84-18b of Series CAH Air Handler, prepared by QAI Laboratories, Report No. TJ6132-2-R1, dated 04/29/2019, signed and sealed by V. Andrew Tan, P.E.
4. Test report on Self-Ignition Temp. and Flash Ignition Temp. per ASTM D1929-16 of Series CAH Air Handler, prepared by QAI Laboratories, Report No. RJ6946F-1, dated 04/18/2019, signed and sealed by Brian Ortega.

F. STATEMENTS

1. FBC, 2017 Edition Compliance letter prepared by PTC, dated May 13, 2019, signed and sealed by Robert James Amoruso, P.E.



**Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor**

NOA No. 25-1223.03

Expiration Date: 08/29/2029

Approval Date: 03/19/2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #24-0117.07

A. DRAWINGS

1. *Drawing titled "CAH Series Air Handler", sheets 1 through 7 of 7, prepared by ClimateCraft, Inc., dated July 28, 2017, last revision #G dated October 09, 2023, signed and sealed by Robert James Amoruso, P.E., on December 17, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

F. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2023 Edition Compliance letter prepared by PTC, dated December 17, 2023, signed and sealed by Robert James Amoruso, P.E.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #24-0429.05

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

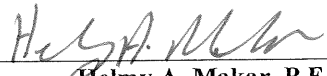
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *FBC, 2023 Edition Compliance letter prepared by PTC, dated 03/11/24, signed and sealed by Robert James Amoruso, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 25-1223.03
Expiration Date: 08/29/2029
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing titled "CAH Series Air Handler", sheets 1 through 10 of 10, prepared by ClimateCraft, Inc., dated July 28, 2017, last revision #K dated Dec.16, 2025, signed and sealed by Robert James Amoruso, P.E., on December 18, 2025.*

B. TESTS

1. *Test report on Large Missile Impact Test per TAS-201, Cyclic Wind Pressure Test per TAS-203 and Uniform Static Air Pressure Test per TAS-202, and ASTM E72 of Series CAH Air Handler Unit, prepared by Intertek, Report No. 57470.01.01-801-18 R0, dated 11/06/2025, signed and sealed by Tyler Westerling, P.E.*

C. CALCULATIONS

1. *Anchor Calculations of base to building or this structure is not part of this approval and is the responsibility of the Architect or Engineer of Record.*

D. QUALITY ASSURANCE

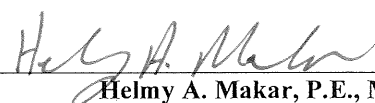
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

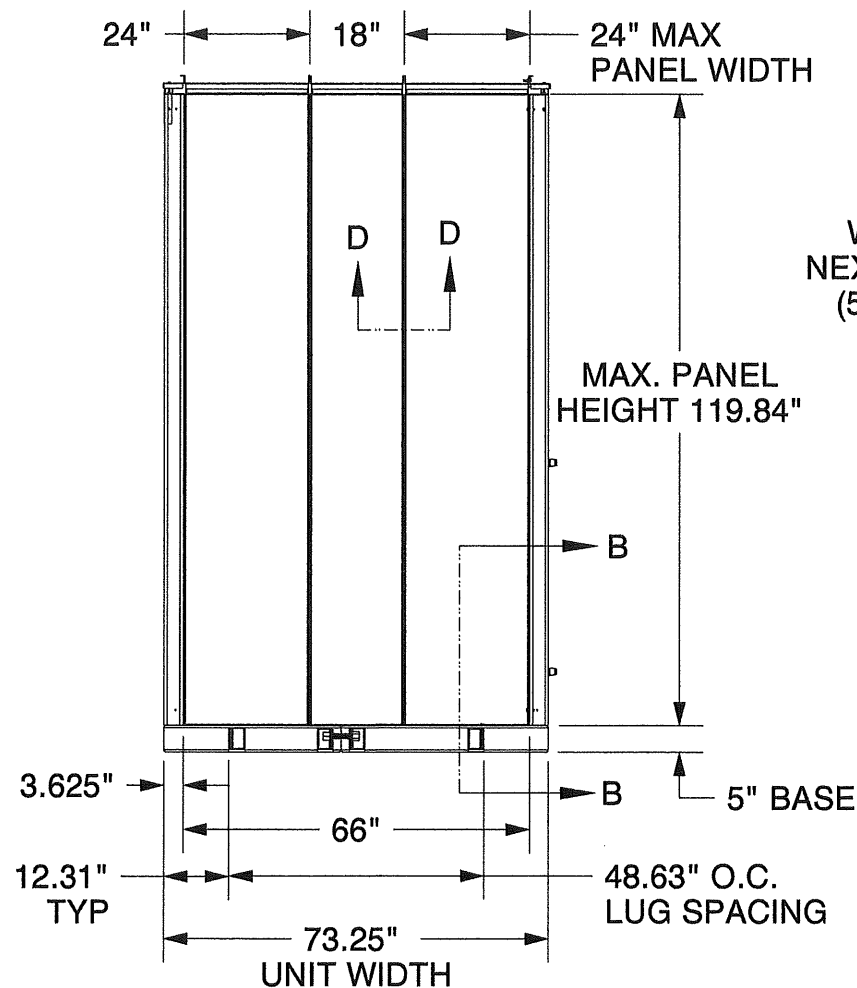
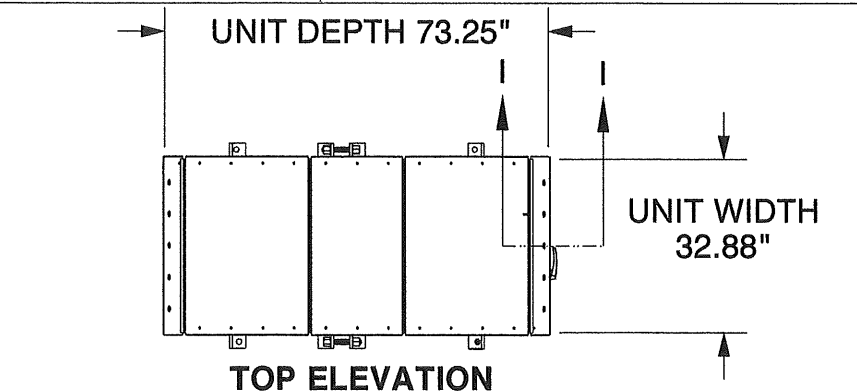
F. STATEMENTS

1. *FBC, 2023 Edition Compliance letter prepared by PTC, dated 12/18/25, signed and sealed by Robert James Amoruso, P.E.*

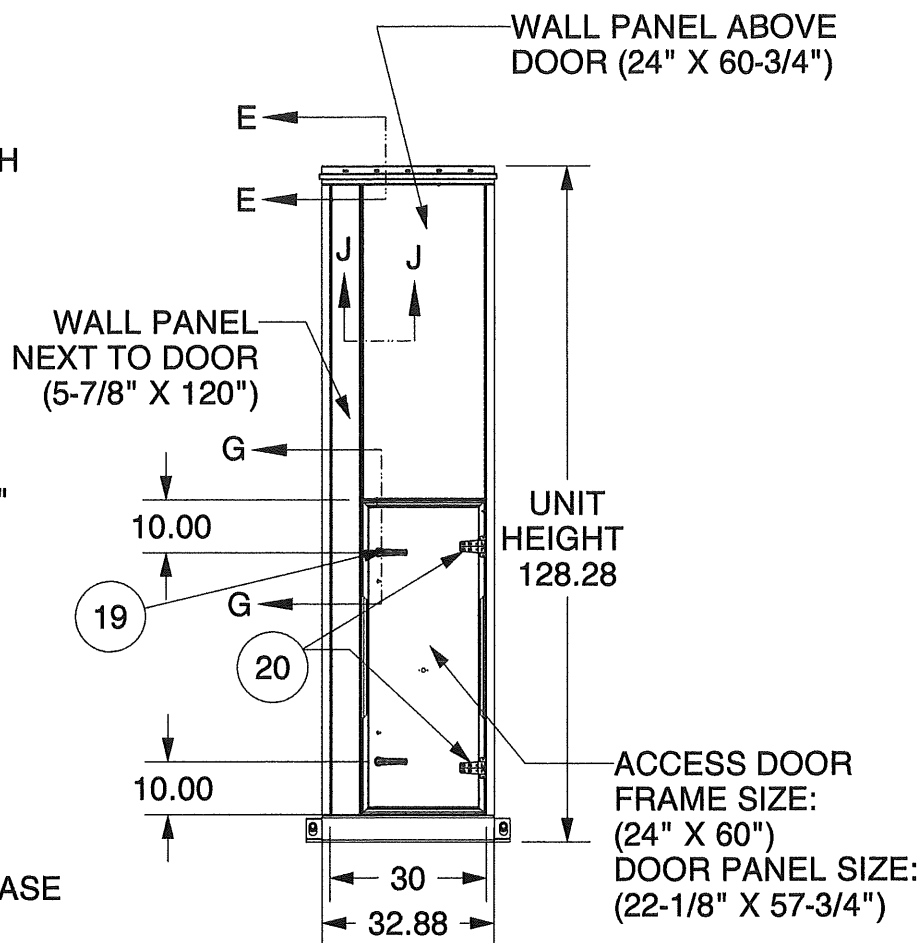


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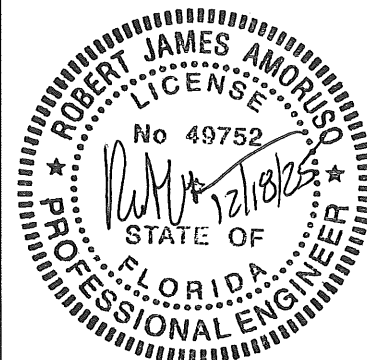
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FRONT ELEVATION



ROBERT J. AMORUSO, P.E. #49752
AMORUSO CONSULTING ENG., LLC
FBPE REGISTRATION NO. 38327
226 N NOVA RD, NO. 142
ORMOND BEACH, FL 32174
RJAENGPE@GMAIL.COM



DESIGN PRESSURE

ALUM. BASE FRAME	MAX RACKING FORCE 55.9 LBS./LINEAR IN. OF WALL PANEL
STEEL BASE FRAME	MAX RACKING FORCE 68.3 LBS./LINEAR IN. OF WALL PANEL

MAX. WALL DESIGN PRESSURE + 95 PSF & -95 PSF
MAX. ROOF DESIGN PRESSURE + 71.25 PSF & -71.25 PSF

REVISION HISTORY		
REV	DATE	ECN
K	12/16/2025	N/A
J	12/11/2025	N/A
H	01/28/2025	N/A
G	10/09/2023	N/A
F	07/23/2019	N/A

GENERAL NOTES:

- 1) THE PRODUCT HEREIN IS DESIGNED, TESTED AND MANUFACTURED TO COMPLY WITH THE 8TH EDITION (2023) AND 7TH EDITION (2020) FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) STEEL CURB OR STRUCTURAL STEEL DUNNAGE TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. CURB OR STRUCTURAL STEEL ARE RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD AND IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THEY SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.
- 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 DESIGN PRESSURES, SEE DESIGN PRESSURE CHARTS BELOW.
- 5) THE DOOR FRAME CONSISTED OF A 0.125" EXTRUDED 6063-T5 ALUMINUM OUTER FRAME WITH WELDED EXTERIOR CORNERS, FULL THERMAL BREAK USING EPDM GASKET AND AN ALUMINUM INNER EXTRUDED CAP. THE CORNERS OF THE INNER CAPS ARE SECURED TOGETHER WITH #12-14 X 1 GALV SHEET METAL SCREWS AT 12 INCH CENTERS AROUND THE PERIMETER OF THE FRAME.
- 6) THE ALUMINUM DOOR FRAME IS SECURED TO THE UNIT BASE USING 4 5/16-18 X1" SAE J429 GRADE 2 COATED HEX BOLTS WITH A CONICAL SEALING WASHER. THE BOLTS WERE LOCATED AT 3" FROM EACH END & ON 6" CENTERS THEREAFTER. ON THE VERTICAL LEFTSIDE THE DOOR FRAME WAS SECURED TO A STANDARD CLIMATECRAFT WALL PANEL AND ON THE VERTICAL RIGHT SIDE TO A 16GA CORNER POST DETAILED LATER IN THIS REPORT. THIS WAS DONE USING 5/16-18 X 1" SAE J429 GRADE 2 COATED HEX BOLTS AND COATED HEX NUT WITH TWO CONICAL SEALING WASHERS AT 3 INCH FROM EACH END AND ON 6 IN CENTERS THEREAFTER. THE TOP SIDE OF THE DOOR FRAME IS SECURED TO A STANDARD CLIMATECRAFT WALL PANEL IN THE SAME MANNER DETAILED ABOVE. THE BASE FRAME WAS TAPPED TO ACCEPT THE BOLTS ON THE TOP EDGE OF THE FRAME. A THERMAL BREAK GASKET WAS LOCATED BETWEEN THE DOOR FRAME & THE SURROUNDING MEMBERS.
- 7) THE DOOR IS A 2" THICK FOAM INJECTED ASSEMBLY AND WAS CONSTRUCTED USING A 16GA GALV EXTERIOR SKIN SECURED TO A 20GA GALV INNER LINER WITH A THERMAL BREAK GASKET AND .25 DIAMETER ALUMINUM POP RIVET EVENLY SPACED AROUND THE PERIMETER ON 9" CENTERS. THE DOOR LATCH ASSEMBLY SHALL CONSIST OF A ROLLER CAM COMPRESSION ARM WITH A CHROME PLATED STEEL INNER HANDLE AND GLASS FIBER/NYLON COMPOSITE OUTER HANDLE. ALL DOORS SHALL HAVE A MINIMUM OF TWO LATCHES, AND THE DOOR WAS MOUNTED WITH TWO ADJUSTABLE DIE CAST ALUMINUM HINGES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 25-1223.03
Expiration Date 08/29/2029
By *Heidi A. Miller*
Miami Dade Product Control

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE AS FOLLOWS

SHTMTL: <6.00 ±.03	>6.00 ±.06
COPPER TUBES: ±.06	
SHTMTL SPOTWELD: ±.13	
COPPER WELD ASSYS: ±.06	
MECH (BOLT) ASSYS: ±.13	
ANGULAR ±1°	

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OR COPIED IN ANY MANNER
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CONSENT OF CLIMATE CONTROL
GROUP, INC. IT IS TO BE USED
ONLY FOR THE PROJECT AND
MANUFACTURE OF ARTICLES FOR
WHICH IT WAS PREPARED. IT
SHALL BE DESTROYED UPON
REQUEST.

CLIMATE CONTROL GROUP
7300 SW 44th
Oklahoma City, OK 73179
PHONE: 405.746.6000

CAH SERIES AIR HANDLER		
DRAWING #: CAH SERIES		CCG BRAND: CLC
BY: LAS	DATE: 12/16/2025	REV: K
APPR: RMW/PSL	DATE: 07/28/2017	SHEET: 1 OF 10

MIAMI_DADE_CAH_SERIES_AHU

MODEL: MIAMI_DADE_CAH_SERIES_AHU
DRAWING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

1.81 FROM END OF
FRAME MEMBER (TYP.)

6" O.C. MAX. (TYP)

STEEL BASE FRAME

UNIT WIDTH
32.88"

24" O.C. MAX.
CROSS MEMBER
SPACING

UNIT DEPTH
73.75"

LIFTING LUG WELDED TO
TUBULAR STEEL BASE

THREADED HOLE FOR
ITEM #8 TO CONNECT
PANEL DECK TO FRAME

UNIT SHIPPING
SPLIT IF
REQUIRED

SEE NOTE 5

LIFTING LUGS AT SPLIT ARE
ONLY WELDED TO UNIT
WHEN THE DECK IS SPLIT
FOR SHIPPING

UNIT BASE FRAME
PERIMETER
SEE NOTE 1.

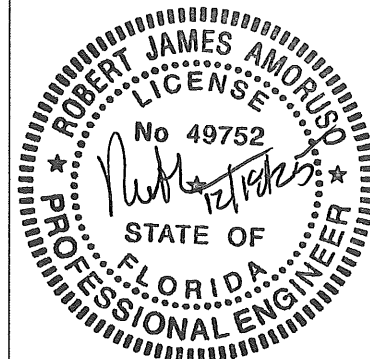
SEE INSTALLATION
NOTE TYP.

BOTTOM FRAME

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 WITH 0.188" OR 0.250" THICKNESS STRUCTURAL STEEL TUBING & FITTED WITH C-CHANNEL CROSS MEMBERS AT 24" O.C. MAX. CROSS MEMBER SPACINGS.
- 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 10.
- 5) ITEMS #23, #24 & #25 ARE ONLY USED WHEN UNIT IS SHIPPED IN MULTIPLE SECTIONS.
- 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, BUT THE MINIMUM WILL BE 5 X 2 X 0.188".
- 7) ANCHORAGE TO THE ROOF OR OTHER SUPPORT STRUCTURE IS NOT PART OF THE SCOPE OF THIS APPROVAL. SAID DESIGN /DETAILS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPT. DRAWING AND BOM SHOWS MINIMUM RECOMMENDED FASTENING TO STRUCTURAL SUPPORTS. HOWEVER, IT IS THE RESPONSIBILITY OF THE "ENGINEER OF RECORD" FOR THE PROJECT TO PROVIDE DESIGN GUIDANCE FOR ATTACHMENT OF THE AHU TO SUPPORTING STRUCTURE.

ROBERT J. AMORUSO, P.E. #49752
AMORUSO CONSULTING ENG., LLC
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-1223.03
Expiration Date 08/29/2029
By *H. A. M. G.*
Miami Dade Product Control



CAH SERIES AIR HANDLER

DRAWING #: CAH SERIES

CCG BRAND: CLC

REV: K

SHEET: 2 of 10

MIAMI_DADE_CAH_SERIES_AHU

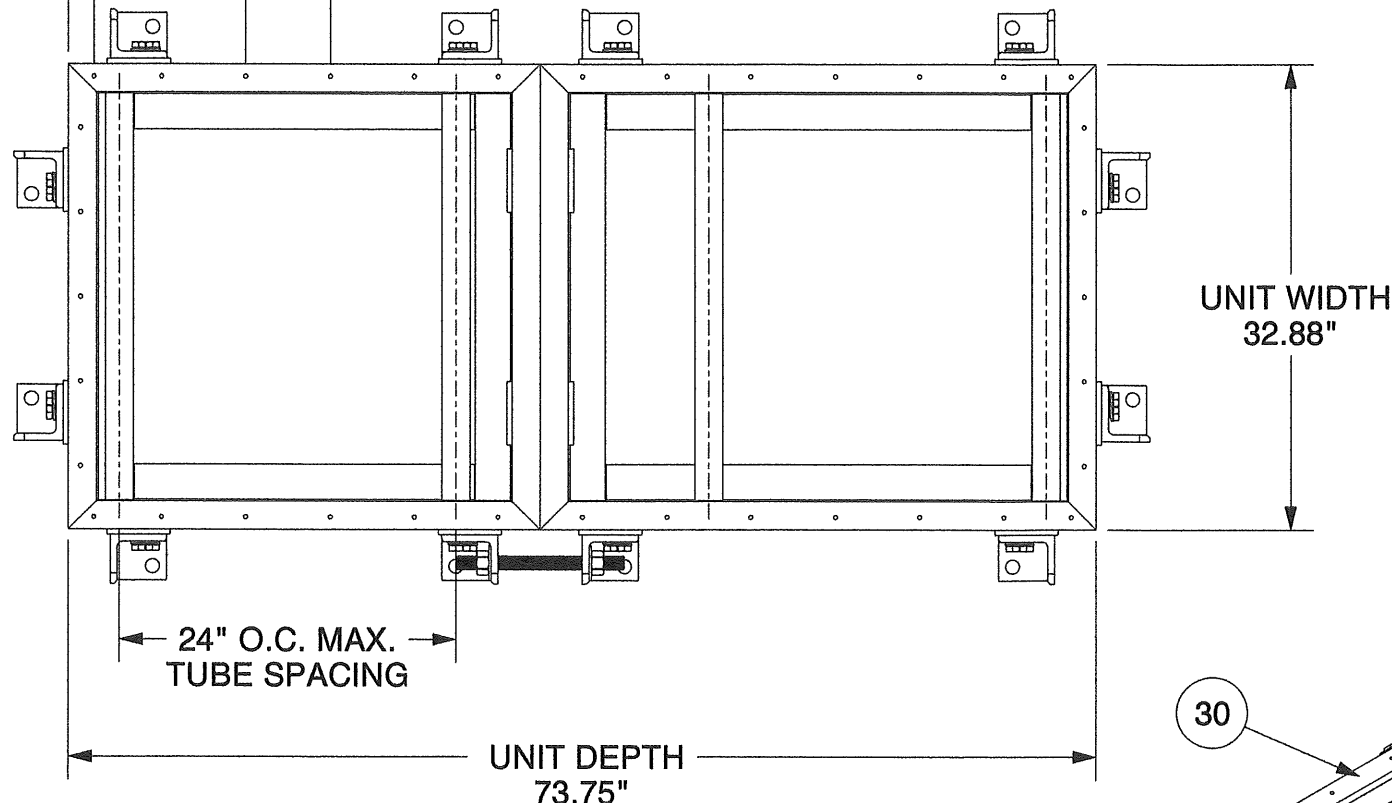
MODEL: MIAMI_DADE_BASEFRAME
DRAWING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

Hard Copies of this Drawing are for REFERENCE ONLY. For CURRENT INFO, refer to the DWG DATABASE.

1.81 FROM END OF
FRAME MEMBER (TYP.)

6" O.C. MAX. (TYP)

ALUMINUM BASE FRAME

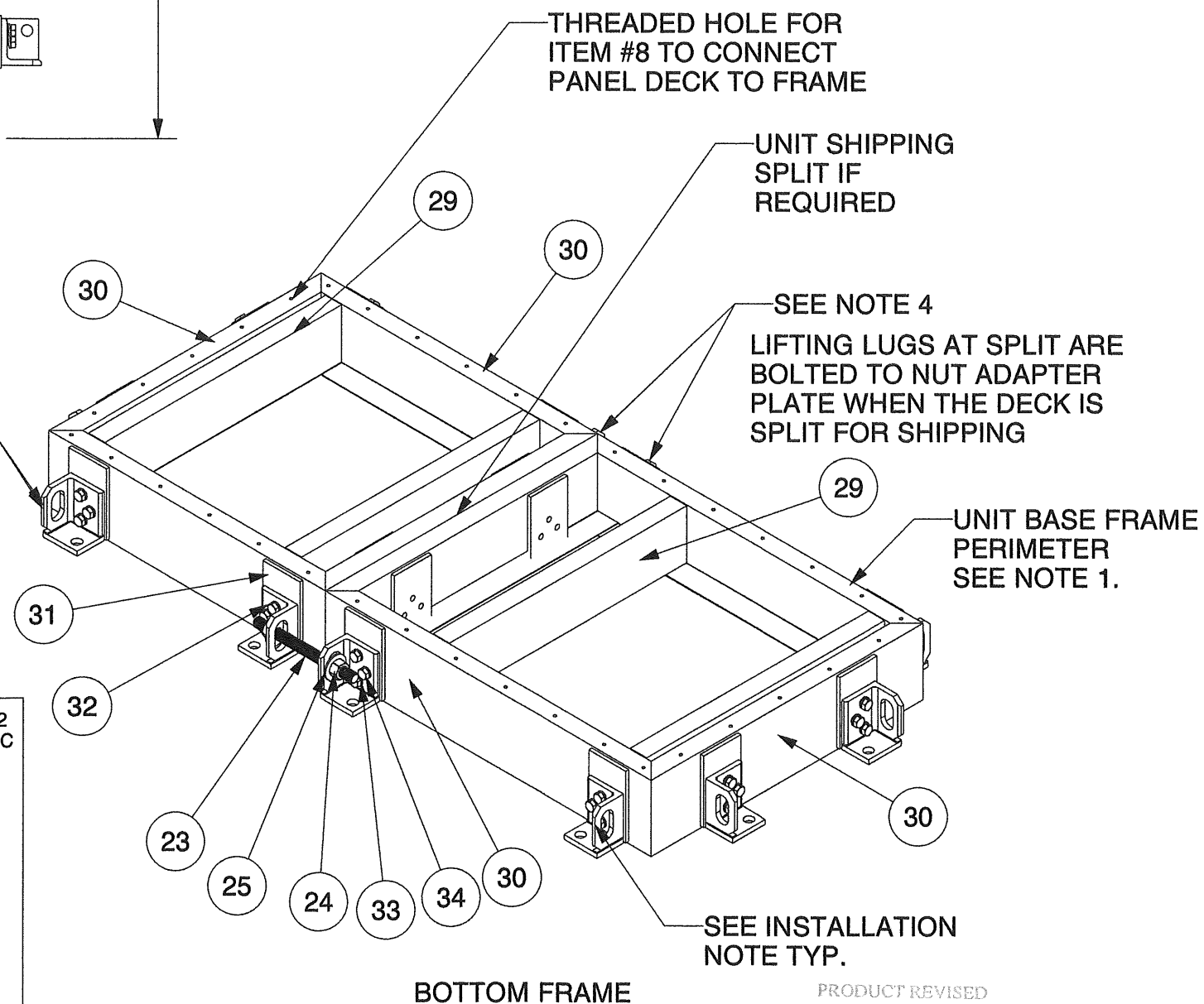
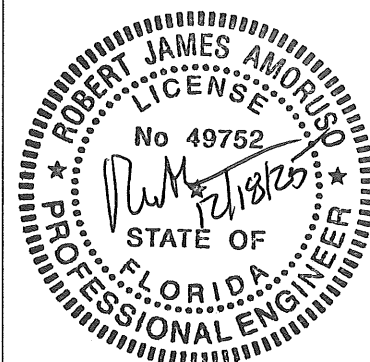


NUT ADAPTER PLATE WELDED
TO ALUMINUM BASE, LUG BOLTED
TO NUT ADAPTER PLATE

NOTES:

- 1) ALL JOINTS OF STRUCTURAL MEMBERS ARE ARC WELDED.
- 2) THE UNIT BASE FRAME PERIMETER IS FULLY WELDED WITH 0.25" THICKNESS STRUCTURAL ALUMINUM TUBING & FITTED WITH 2"X6"X1/4" TUBE CROSS MEMBERS AT 24" O.C. MAX. TUBE SPACINGS.
- 3) 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 10.
- 4) ITEMS #23, #24 & #25 ARE ONLY USED WHEN UNIT IS SHIPPED IN MULTIPLE SECTIONS.
- 5) DESIGN & SIZE OF TUBULAR ALUMINUM FRAMEWORK BASE RAIL WILL VARY FROM JOB TO JOB & THEIR STRUCTURAL ADEQUACY, AS WELL AS THAT OF THE SUPPORT & ATTACHMENT DETAILS, BUT THE MINIMUM WILL BE 8 X 2 X 0.25".
- 6) ANCHORAGE TO THE ROOF OR OTHER SUPPORT STRUCTURE IS NOT PART OF THE SCOPE OF THIS APPROVAL. SAID DESIGN /DETAILS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPT. DRAWING AND BOM SHOWS MINIMUM RECOMMENDED FASTENING TO STRUCTURAL SUPPORTS. HOWEVER, IT IS THE RESPONSIBILITY OF THE "ENGINEER OF RECORD" FOR THE PROJECT TO PROVIDE DESIGN GUIDANCE FOR ATTACHMENT OF THE AHU TO SUPPORTING STRUCTURE.

ROBERT J. AMORUSO, P.E. #49752
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PRODUCT REVISED
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Acceptance No. 25-1223-03
Expiration Date 08/29/2029
By *H. A. M. Jr.*
Miami Data Product Control



CAH SERIES AIR HANDLER

DRAWING #: CAH SERIES

CCG BRAND: CLC

REV: K

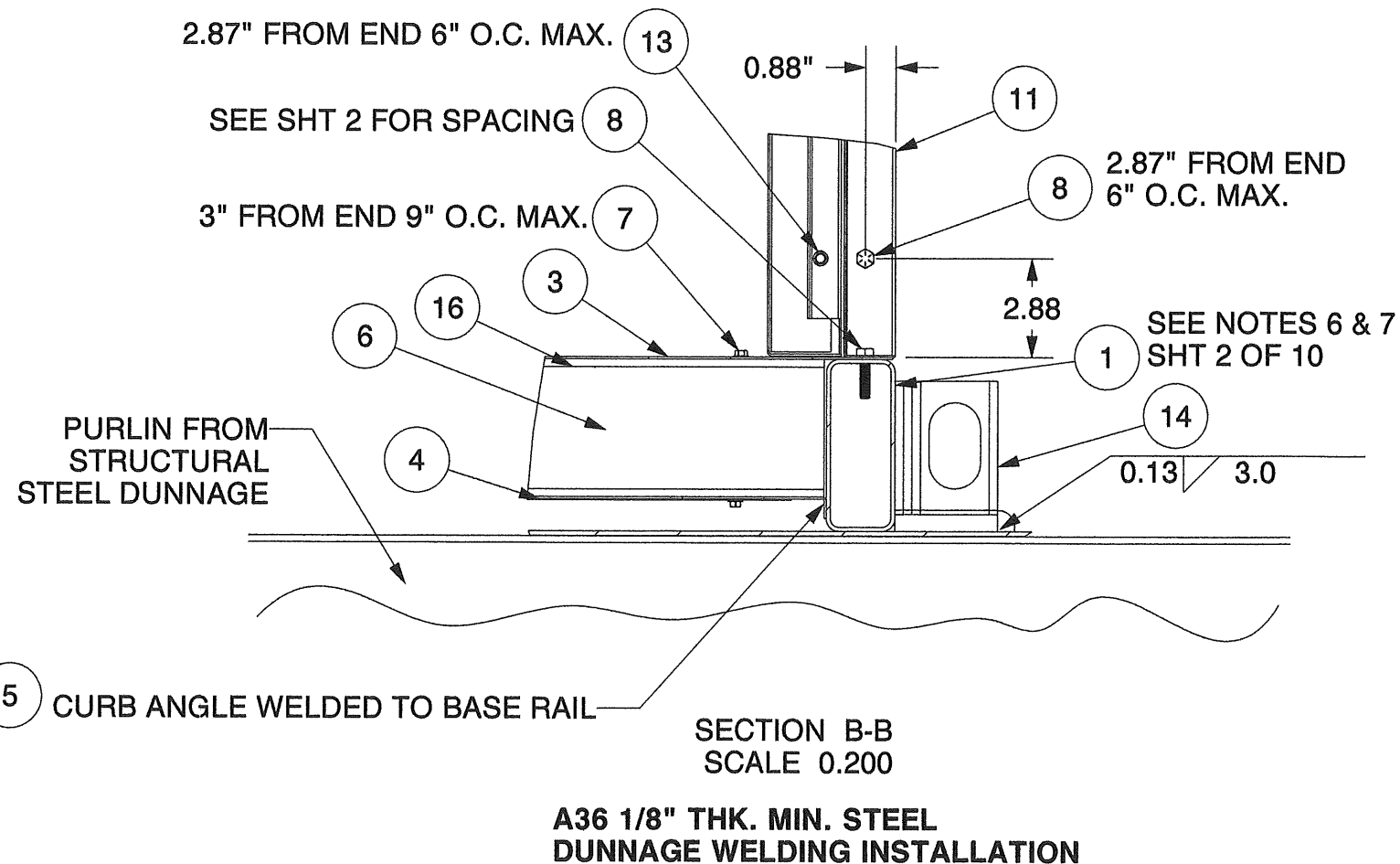
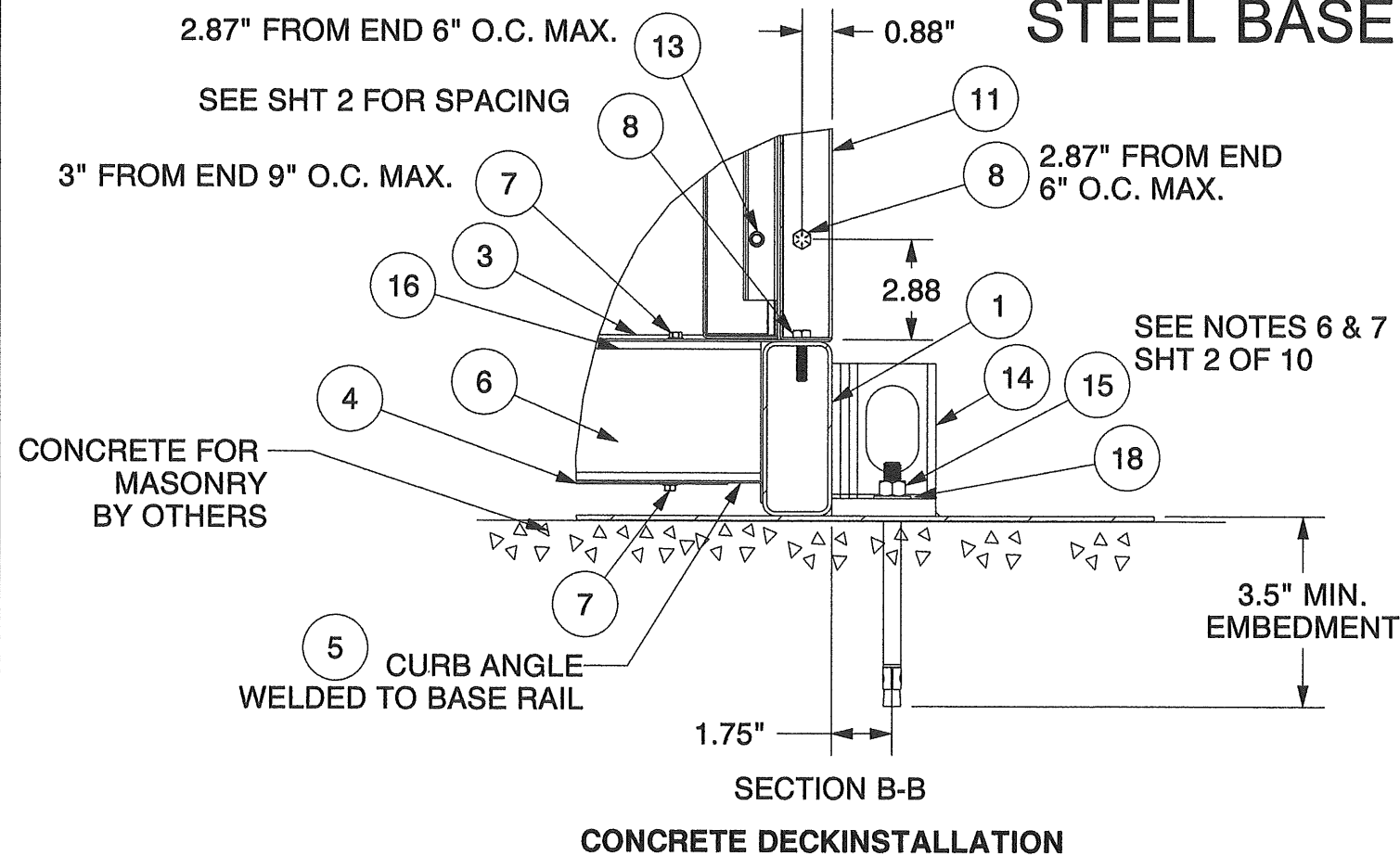
SHEET: 3 of 10

MIAMI_DADE_CAH_SERIES_AHU

MODEL: MIAMI_DADE_BASEFRAME
DRAWING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

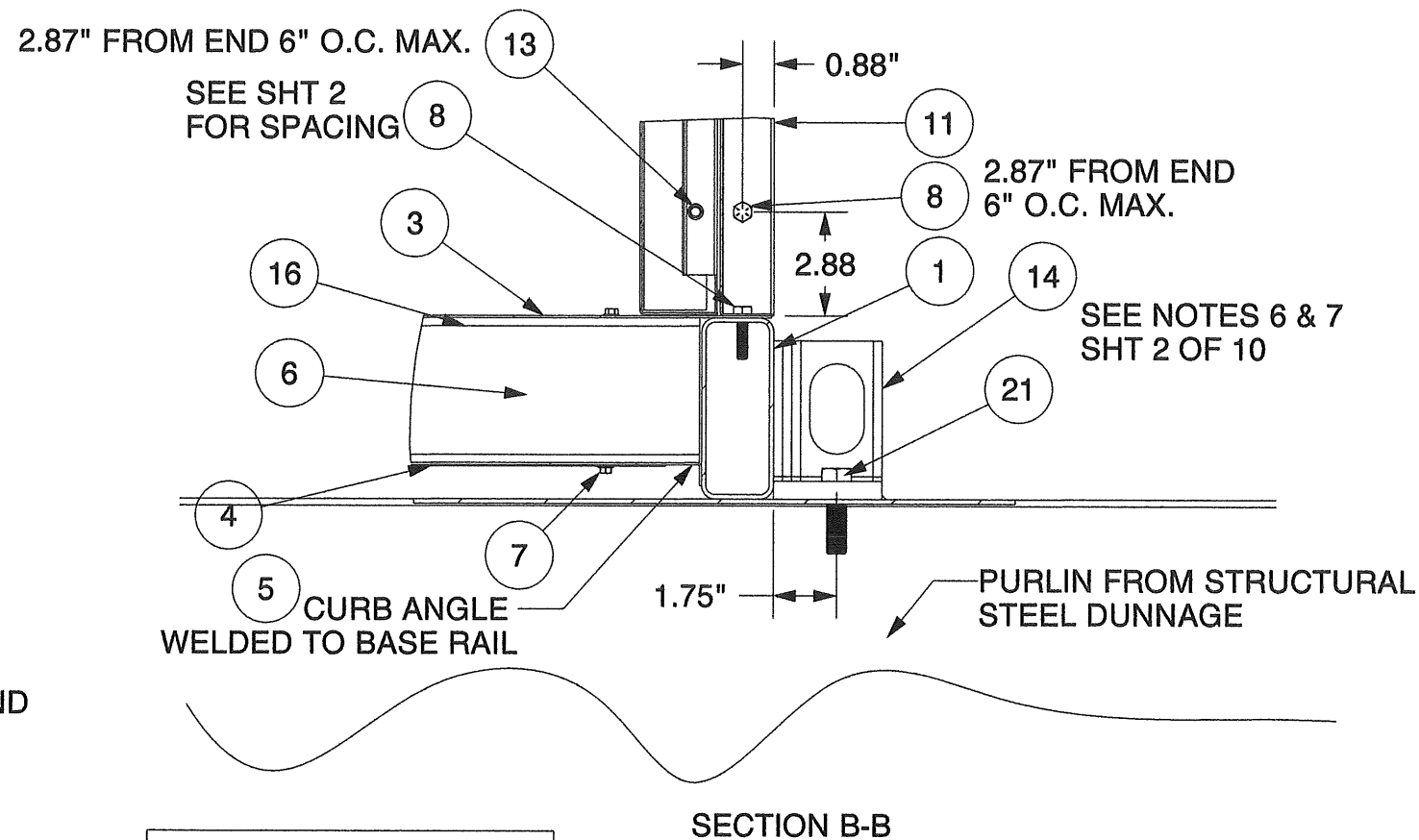
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STEEL BASE FRAME

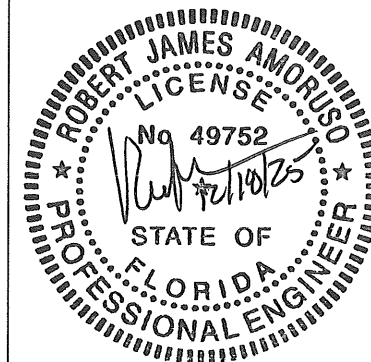


NOTES:

1. DOUBLE WALL PANEL THICKNESS CAN BE 2, 3 OR 4 INCHES. THE MINIMUM REQUIREMENT FOR INSULATION WILL BE BLANKET TYPE FIBERGLASS INSULATION WITH 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). INJECTED FOAM INSULATION IS AN ACCEPTABLE ALTERNATE.
2. INTERIOR AND EXTERIOR FLOOR, WALL, ROOF AND DOOR PANEL OPTIONS ARE SHOWN IN TABLE 1 ON SHEET 10.



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Acceptance No. 25-1223.03
Expiration Date 08/29/2029
By: [Signature]
Miami Dade Product Control



CAH SERIES AIR HANDLER

DRAWING #: CAH SERIES

REV: K

CCG BRAND: CLC

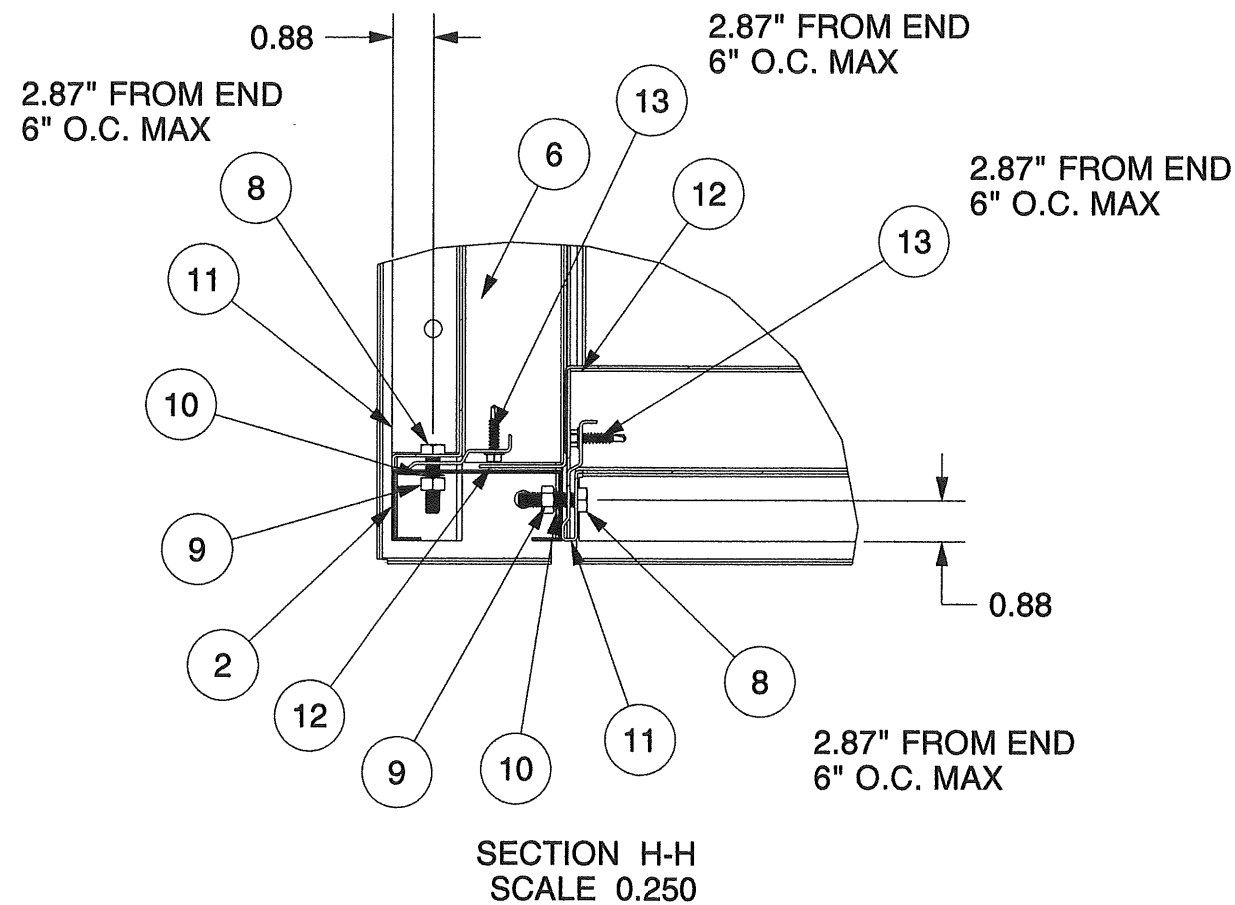
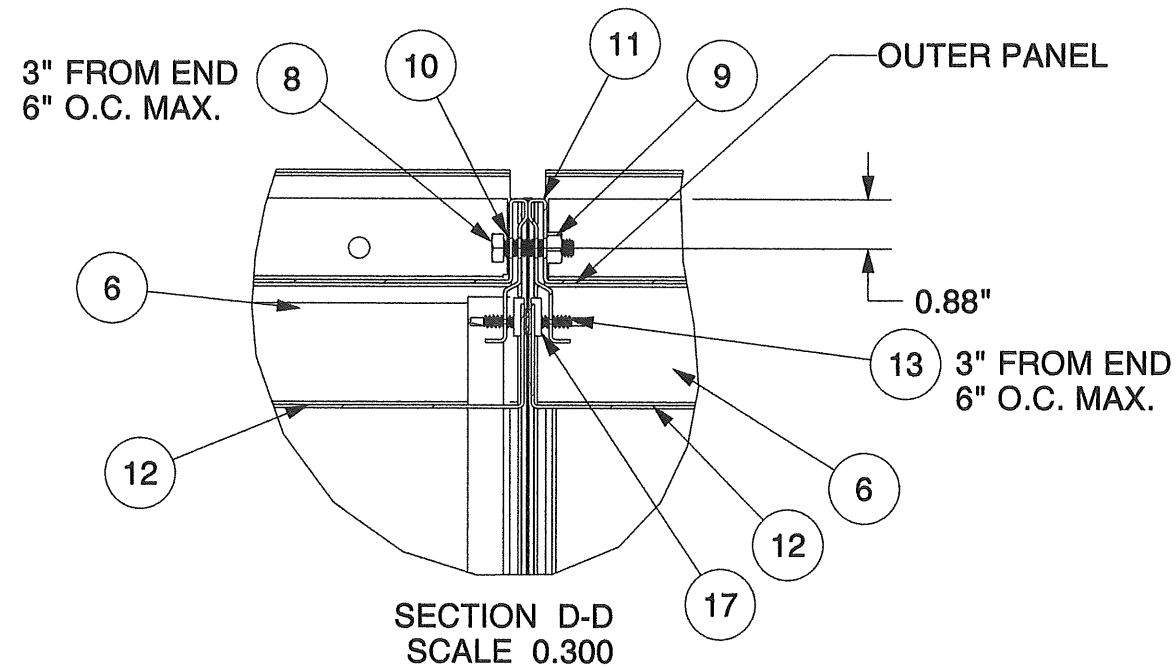
SHEET: 4 OF 10

MIAMI_DADE_CAH_SERIES_AHU

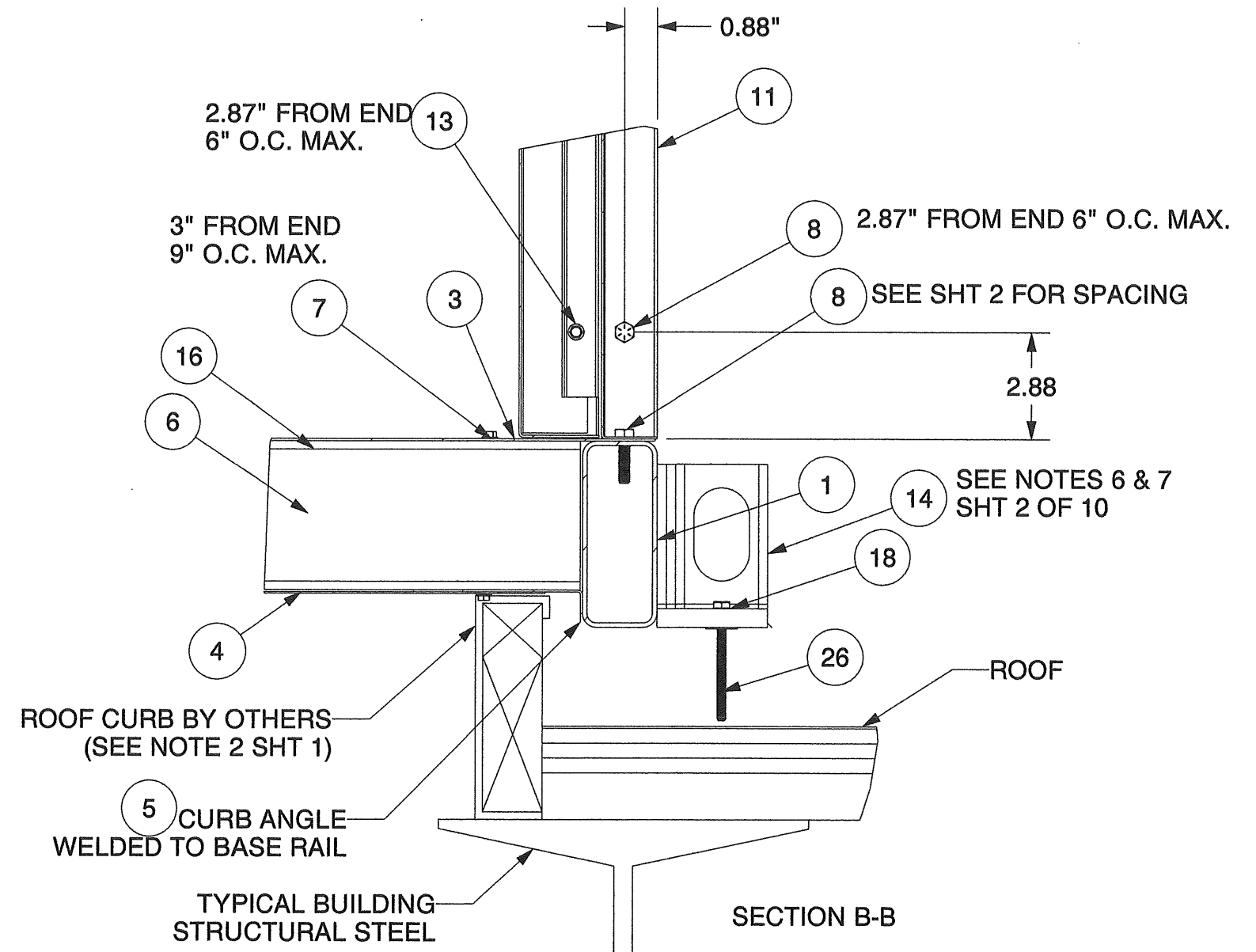
MODEL: MIAMI_DADE_CAH_SERIES_AHU
DRAWING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

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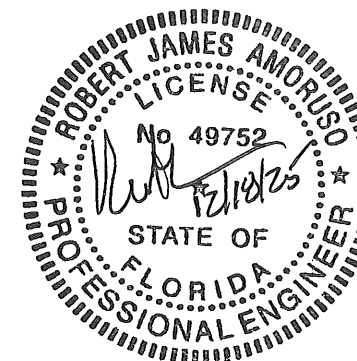
STEEL BASE FRAME



CURB INSTALLATION STEEL BASE FRAME



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Building Code
Acceptance No 25-1223.03
Expiration Date 08/29/2029
By *[Signature]*
Miami Dade Product Control



CAH SERIES AIR HANDLER

DRAWING #: CAH SERIES

REV: K

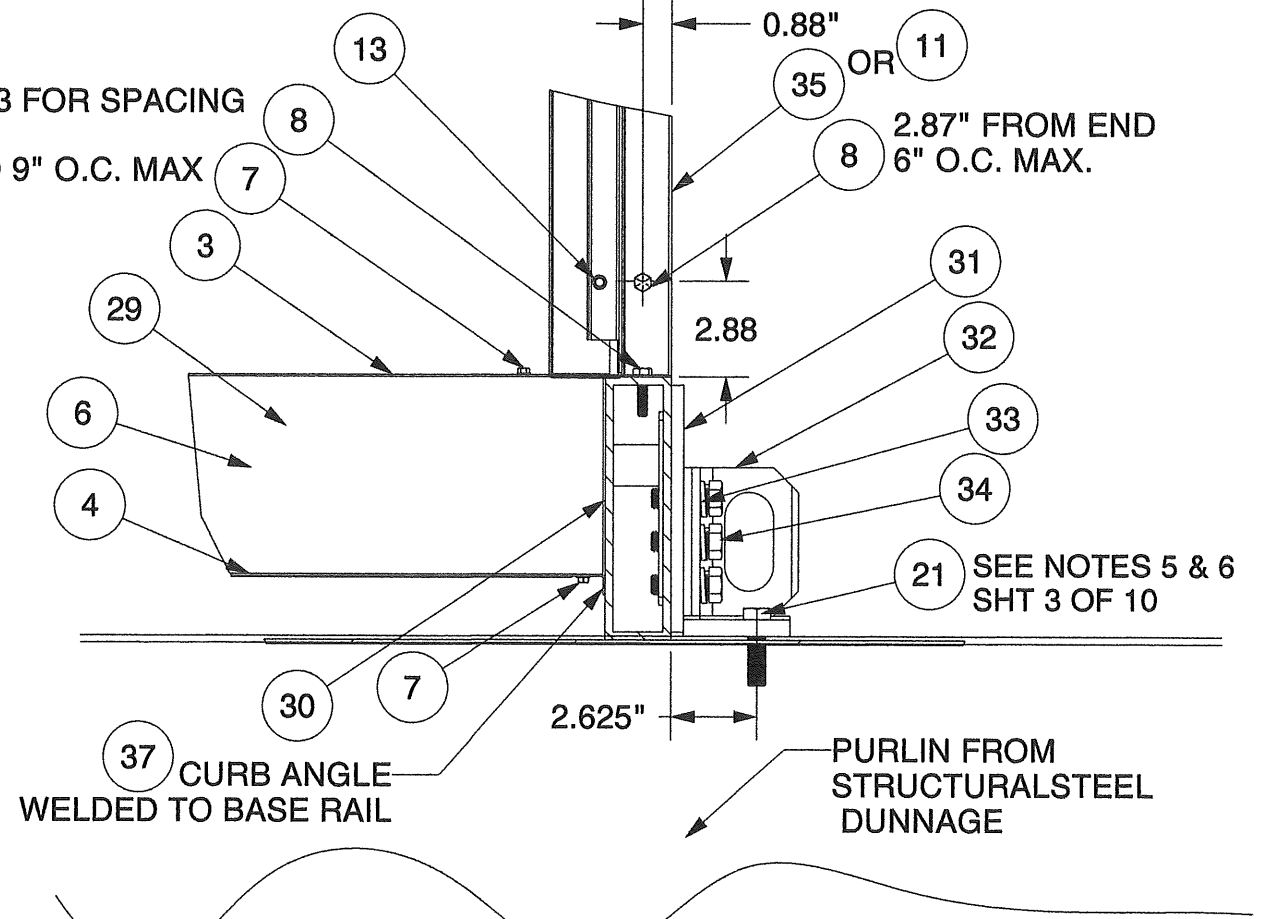
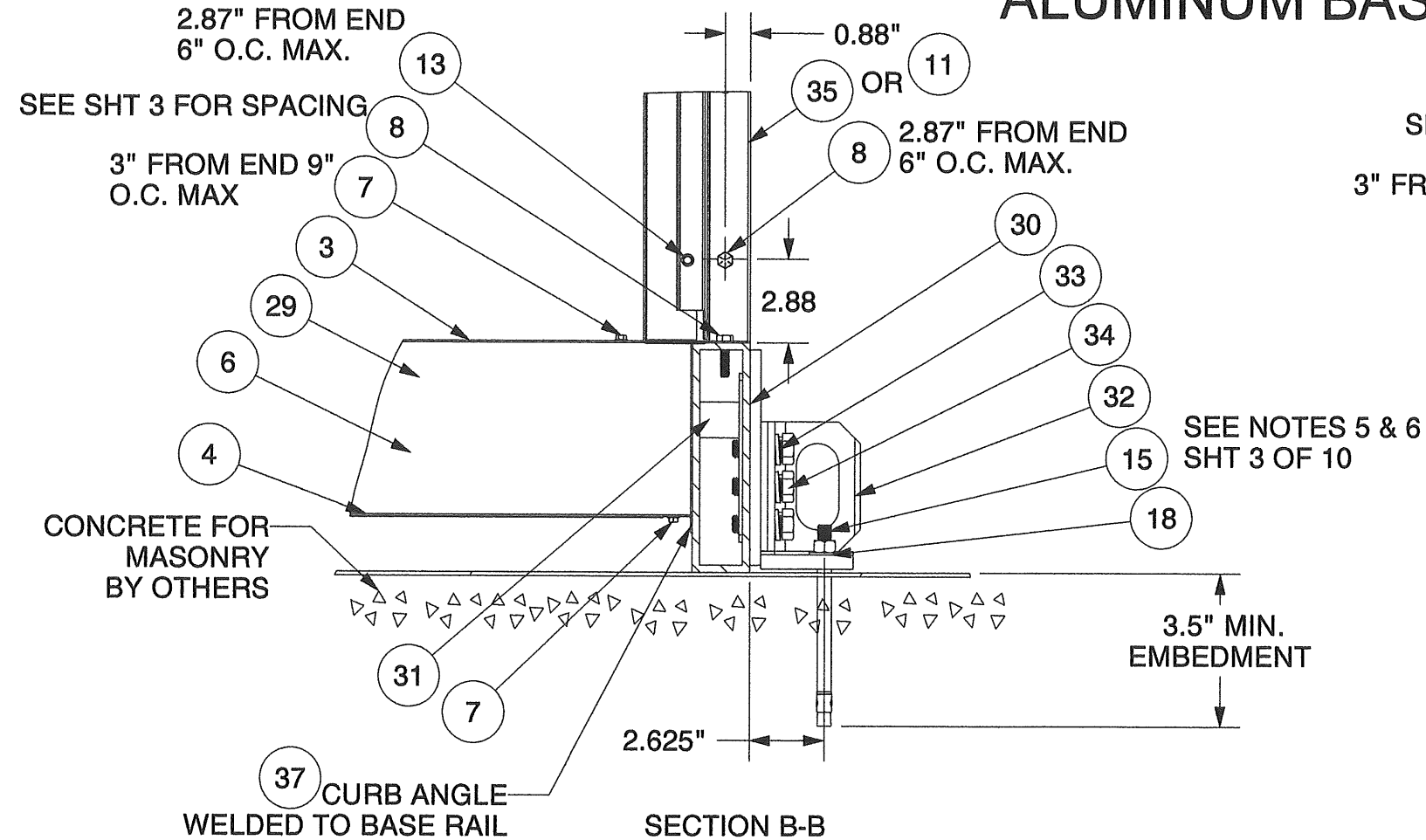
CCG BRAND: CLC

SHEET: 5 OF 10

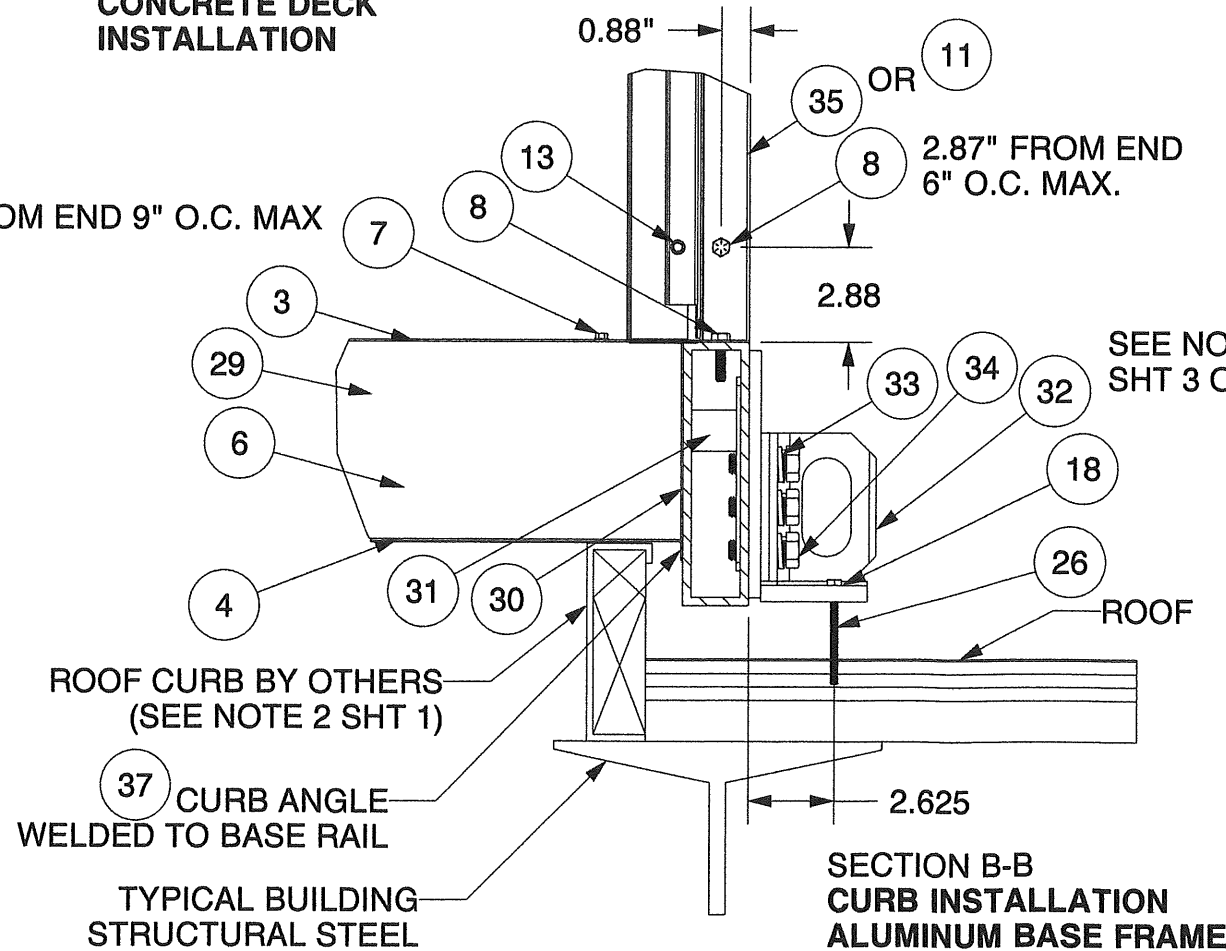
MIAMI_DADE_CAH_SERIES_AHU

MODEL: MIAMI_DADE_CAH_SERIES_AHU
DRAWING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

ALUMINUM BASE FRAME



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- NOTES:
- DOUBLE WALL PANEL THICKNESS CAN BE 2, 3 OR 4 INCHES. THE MINIMUM REQUIREMENT FOR INSULATION WILL BE BLANKET TYPE FIBERGLASS INSULATION WITH 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). INJECTED FOAM INSULATION IS AN ACCEPTABLE ALTERNATE.
 - INTERIOR AND EXTERIOR FLOOR, WALL, ROOF AND DOOR PANEL OPTIONS ARE SHOWN IN TABLE 1 ON SHEET 10.

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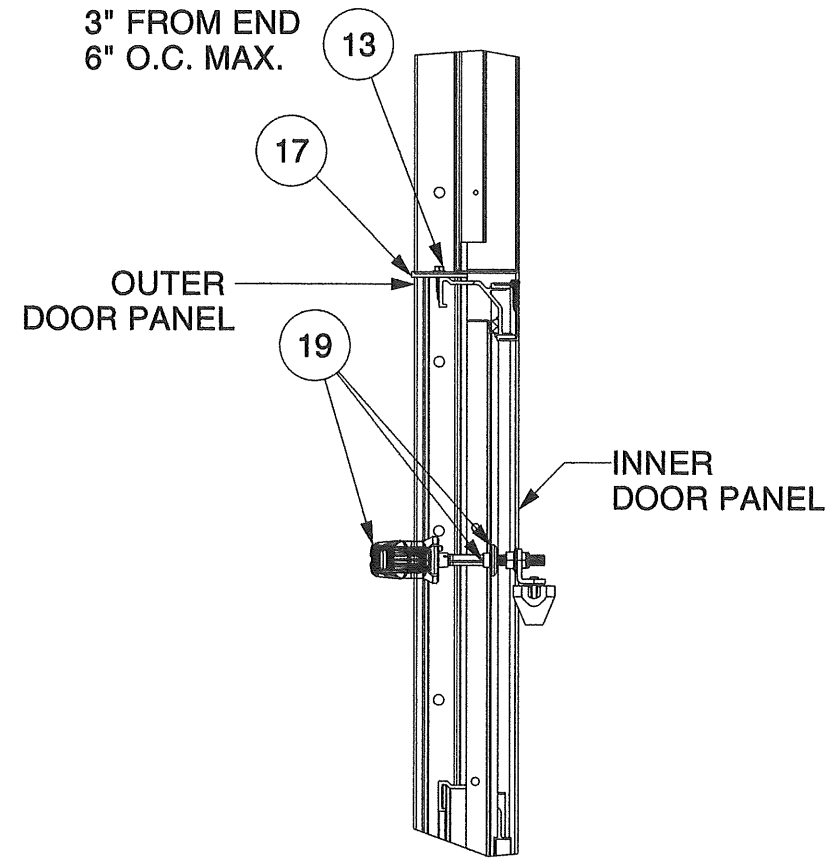
 CLIMATE CONTROL GROUP	CAH SERIES AIR HANDLER	
	DRAWING #: CAH SERIES	REV: K
	CCG BRAND: CLC	SHEET: 6 OF 10

MIAMI_DADE_CAH_SERIES_AHU

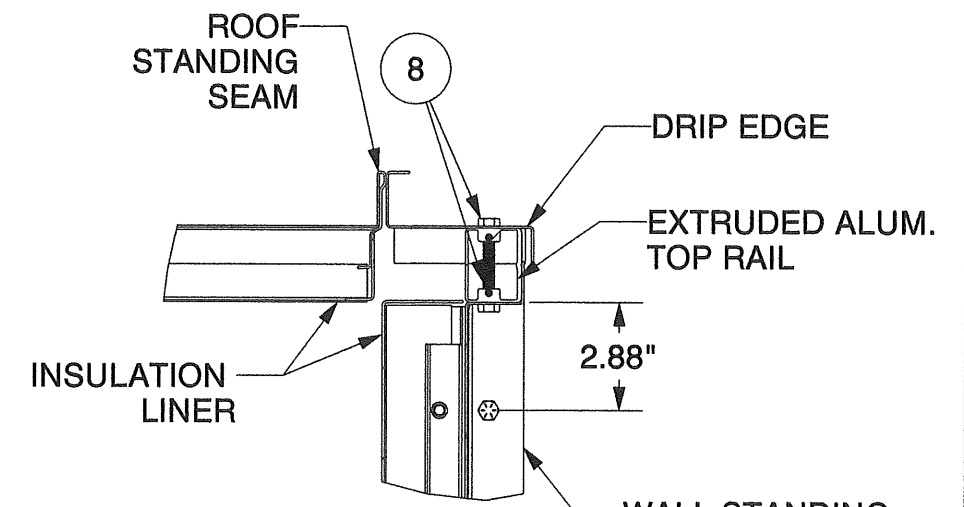
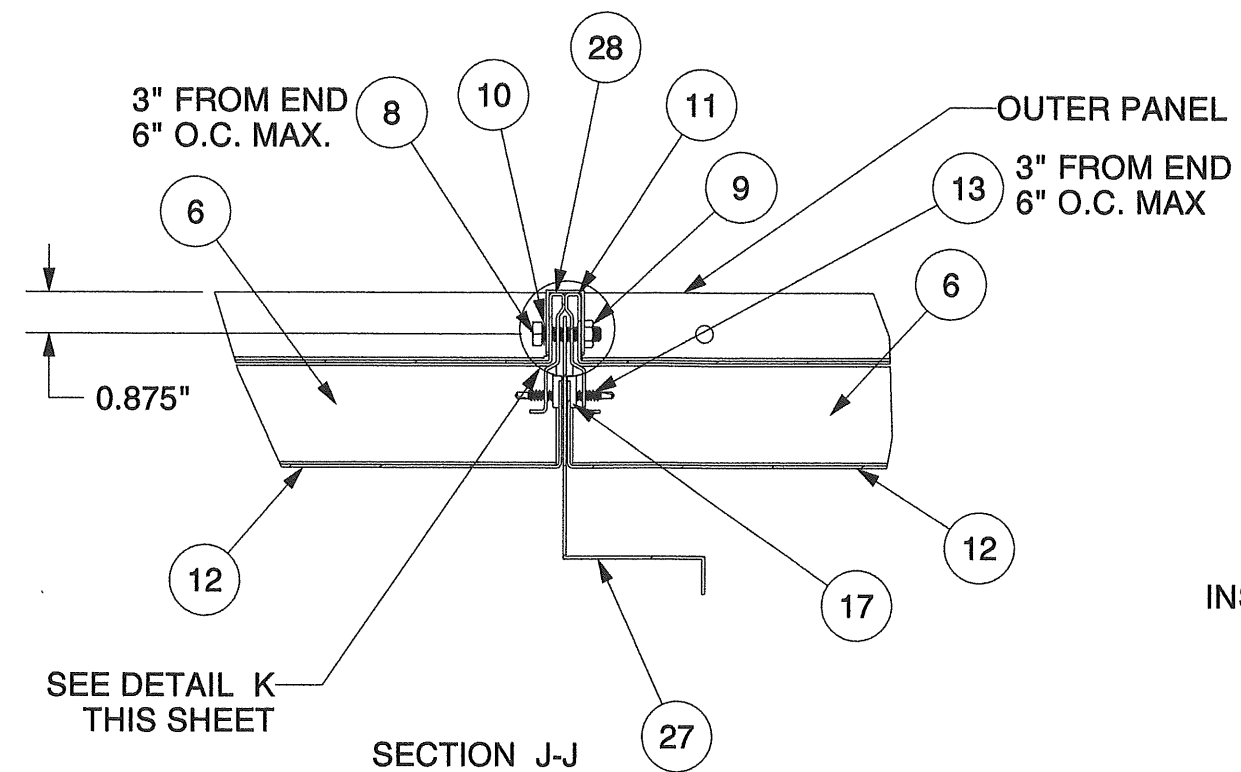
MODEL: MIAMI_DADE_CORNER_POST
DRAWING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

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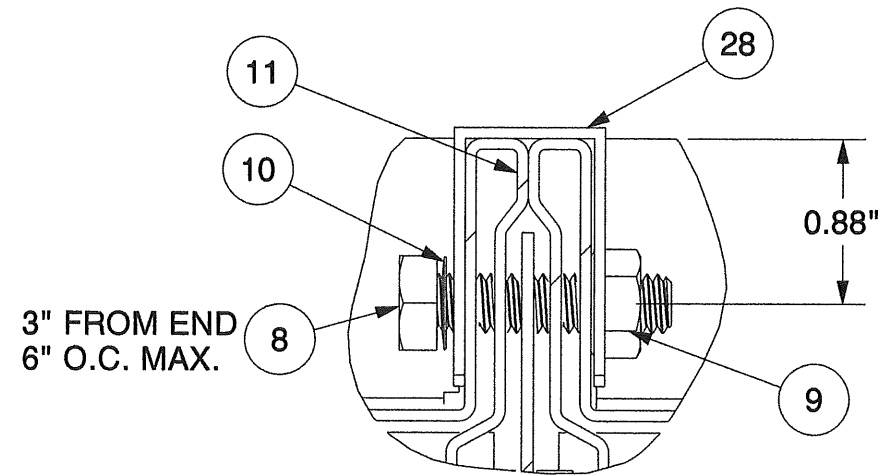
STEEL AND ALUMINUM BASE FRAME



(DOOR PANEL ONLY) SECTION G-G
STANDING SEAM SCALE 0.150

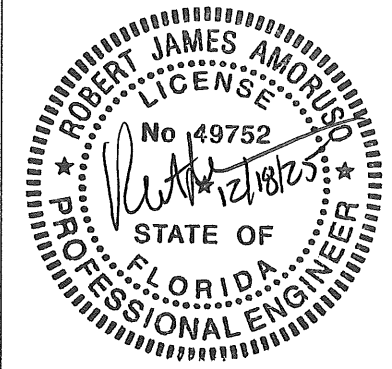


SECTION E-E
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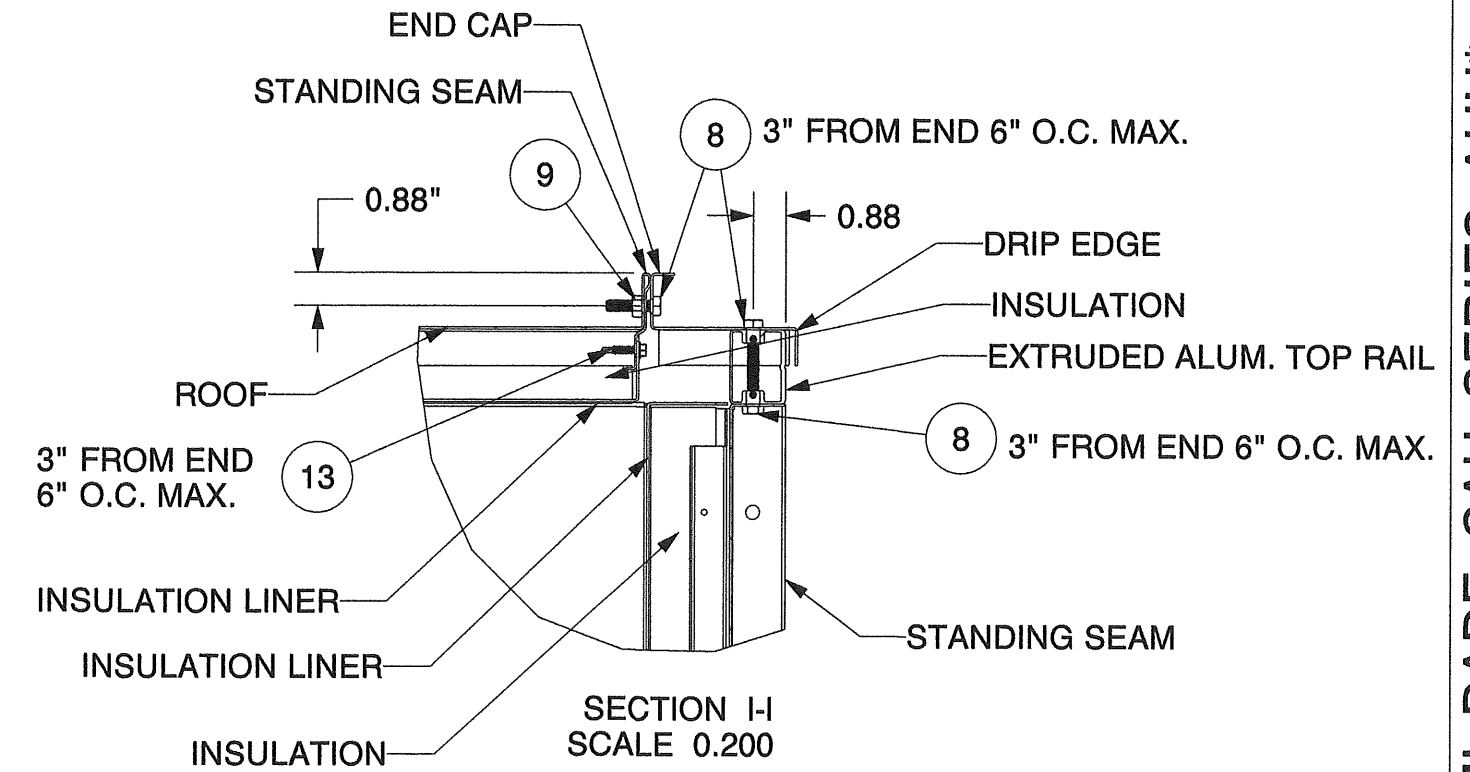


SEALING GASKET NOT
SHOWN FOR CLARITY

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	CAH SERIES AIR HANDLER	
	DRAWING #: CAH SERIES	REV: K
	CCG BRAND: CLC	SHEET: 7 OF 10

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2

CORNER POST
TYP. .056" THICK

*VARIES WITH INSULATION THICKNESS

5

CURB ANGLE
TYP. .056" THICK

1

BOTTOM FRAME TYP.
WALL THICKNESS
0.188 OR 0.250 FOR 2"x5"
AND 0.250" FOR 2"x8"

16

CROSSMEMBER
TYP. 0.11" THICK

27

AIR SEAL BRACKET
TYP. 0.056" THICK

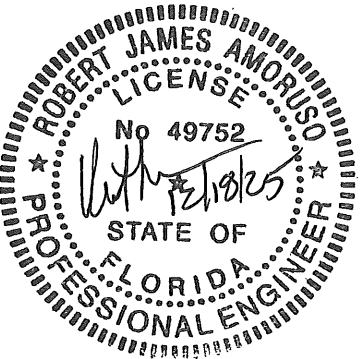
28

HIGH STATIC PRESSURE
CAP 0.056" THICK TYP

14

LIFTING LUG TYP. WALL THICKNESS 0.500
STEEL BASE FRAME

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NO.	DESCRIPTION	MATERIAL	VENDOR
1	BOTTOM FRAME MEMBER 2"x5"x1/4", 2"x5"x0.188" AND 2"x8"x1/4" STEEL TUBE	A500 GRADE B	CLIMATECRAFT
2	CORNER POST 1-1/2"x1/16" STEEL C-CHANNEL	A653 G90	CLIMATECRAFT
3	INNER FLOOR PANEL SKIN SEE PANEL MATERIAL OPTION ON PAGE 10		CLIMATECRAFT
4	OUTER FLOOR PANEL SKIN SEE PANEL MATERIAL OPTION ON PAGE 10		CLIMATECRAFT
5	CURB ANGLE 3/4"x1-13/16"x16 GA.	A653 G90	CLIMATECRAFT
6	INSULATION		CLIMATECRAFT
7	#12-14x3/4" HEX HEAD SELF TAPPING SCREW	410 SS	CLIMATECRAFT
8	5/16"-18X1-1/4" HEX HEAD BOLT	304 SS / J429 GR.2 ZINC PLATED	CLIMATECRAFT
9	5/16"-18 NUT	304 SS / A563 GR.A ZINC PLATED	CLIMATECRAFT
10	CONICAL SEALING WASHER	304 SS/ EPDM	CLIMATECRAFT
11	OUTER WALL PANEL SKIN SEE MATERIAL OPTIONS ON PAGE 10		CLIMATECRAFT
12	INNER WALL PANEL SKIN SEE MATERIAL OPTIONS ON PAGE 10		CLIMATECRAFT
13	#12x1" SELF TAPPING SCREWS	A510 GR.1018	CLIMATECRAFT
14	LIFTING LUG (STEEL BASE)	A36 STEEL	CLIMATECRAFT
15	1/2"x 4" SS CONCRETE EXPANSION ANCHOR HILTI KWIK BOLT 3 (MINIMUM)	304SS/316SS	"BY OTHERS"
16	CROSS MEMBER 2.13"x4.0"x12 GA. STEEL	A569	CLIMATECRAFT
17	1/8" THERMAL BREAK GASKET	EPDM	CLIMATECRAFT
18	5/16" FLAT WASHER	304 SS/ EPDM	"BY OTHERS"
19	DOOR HANDLE ASSEMBLY	NYLON 66	"BY OTHERS"
20	DOOR HINGE, ADJUSTABLE, DIE CAST	ZAMAK 5 ZN PLT	ALLEGIS TYPE
21	9/16" HEX HEAD STAINLESS STEEL BOLT	304 SS	"BY OTHERS"
22	9/16" STAINLESS STEEL NUT & WASHER	304 SS	"BY OTHERS"
23	1" DIA. THREADED ROD 1-8, 10IN LONG, PLATED	A307 GR.A	CLIMATECRAFT
24	1" NUT 1-8, G2, ZN PLT	A307 GR.A	CLIMATECRAFT
25	1" FLAT WASHER, ZN PLT	A307 GR.A	CLIMATECRAFT
26	9/16" DIA. STAINLESS STEEL THREADED ROD	304SS	"BY OTHERS"
27	AIR SEAL BRACKET	A653 G90	CLIMATECRAFT
28	ROOF TIE DOWN	A653 G90	CLIMATECRAFT

NOTE: VARIATION IN SPECIFIC MATERIALS FOR BOM CAN BE SEEN ON PAGE 10 FOR STEEL BASE FRAME.

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CLIMATE CONTROL GROUP

CAH SERIES AIR HANDLER

DRAWING #: CAH SERIES

CCG BRAND: **CLC**

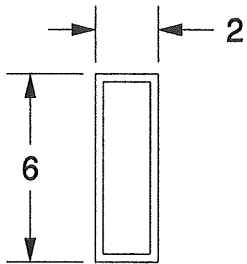
REV: K

SHEET: 8 of 10

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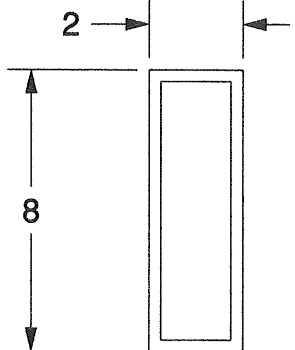
29

RECTANGULAR TUBING TYP 0.25" THICK



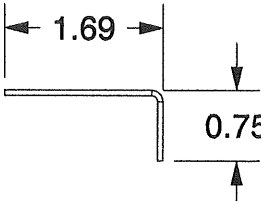
30

BOTTOM FRAME TYP. WALL THICKNESS 0.250" FOR 2"x8"



37

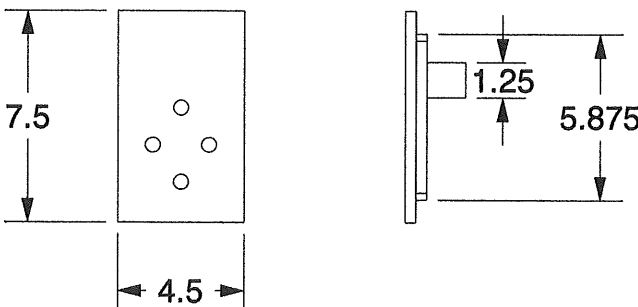
CURB ANGLE TYP. .042" THICK



AL3003
FOR ALUMINUM BASE

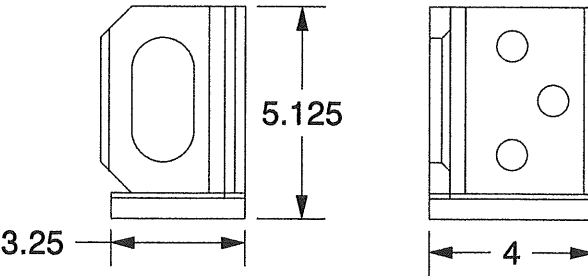
31

NUT ADAPTER PLATE & SPACER



32

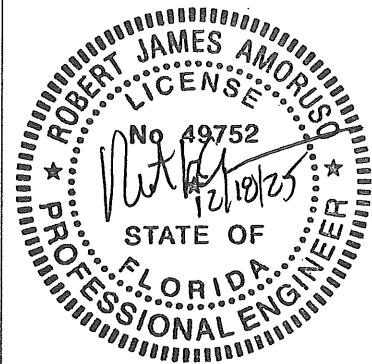
LIFTING LUG TYP. WALL THICKNESS 0.500 (ALUMINUM BASE FRAME)



NO.	DESCRIPTION	MATERIAL	VENDOR
29	INTERNAL CROSS MEMBER 2"X6"X1/4" ALUMINUM TUBE	6061-T6	"BY OTHERS"
30	BOTTOM FRAME MEMBER 2"X8"X1/4" ALUMINUM TUBE	6061-T6	"BY OTHERS"
31	NUT ADAPTER PLATE & SPACER	6061-T6	"BY OTHERS"
32	LIFTING LUG (ALUMINUM BASE)	A36 STEEL	CLIMATECRAFT
33	5/8" SPLIT LOCK WASHER, STAINLESS	316 SS	"BY OTHERS"
34	HEX BOLT, STAINLESS STEEL	304 SS	"BY OTHERS"
35	OUTER WALL PANEL SKIN 14 GA ALUMINUM	AL 5052	CLIMATECRAFT
36	INNER WALL PANEL SKIN 16 GA ALUMINUM	AL 5052	CLIMATECRAFT
37	CURB ANGLE 3/4"X1-13/16" X16 GA ALUMINUM	AL 3003	CLIMATECRAFT

NOTE: VARIATION IN SPECIFIC MATERIALS FOR BOM CAN BE SEEN ON PAGE 10 FOR ALUMINUM BASE FRAME.

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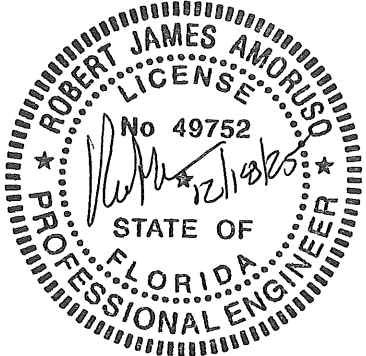
 CLIMATE CONTROL GROUP	CAH SERIES AIR HANDLER	
	DRAWING #: CAH SERIES	REV: K
	CCG BRAND: CLC	SHEET: 9 OF 10

CAH SERIES AIR HANDLER DRAWING - FLOOR, WALL, ROOF AND DOOR CONSTRUCTION OPTIONS

FLOOR AND WALL PANEL CONSTRUCTION OPTIONS	FLOOR PANEL CONSTRUCTION		WALL PANEL CONSTRUCTION	
	EXTERIOR SKIN (BOM ITEM NO. 4)	INTERIOR SKIN (BOM ITEM NO. 3)	EXTERIOR SKIN (BOM ITEM NO. 11)	INTERIOR SKIN (BOM ITEM NO. 12)
	20 GA GALVANIZED STEEL	16 GA GALVANIZED STEEL	16 GA GALVANIZED STEEL	22 GA PERFORATED GALVANIZED STEEL
	20 GA STAINLESS STEEL	16 GA ALUMINUM	16 GA STAINLESS STEEL	22 GA PERFORATED STAINLESS STEEL
	16 GA ALUMINUM	10 GA GALVANIZED STEEL	12 GA ALUMINUM	20 GA STAINLESS STEEL
		10 GA STAINLESS STEEL	14 GA ALUMINUM (TYPE 5052, SEE NOTE1)	16 GA ALUMINUM
		10 GA ALUMINUM		20 GA GALVANIZED STEEL
		1/8" ALUMINUM TREADPLATE (TYPE 3003, H34 TEMPER)		16GA ALUMINUM (TYPE 5052 , SEE NOTE 1)
	INSULATION (BOM ITEM NO.6)		INSULATION (BOM ITEM NO.6)	
	FIBERGLASS		FIBERGLASS	
ELASTOPOR POLYURETHANE		AUTOFROTH POLYURETHANE		
ROOF AND DOOR PANEL CONSTRUCTION	ROOF PANEL CONSTRUCTION		DOOR PANEL CONSTRUCTION	
	EXTERIOR SKIN (BOM ITEM NO. 11)	INTERIOR SKIN (BOM ITEM NO. 12)	EXTERIOR SKIN (BOM ITEM NO. 11)	INTERIOR SKIN (BOM ITEM NO. 12)
	16 GA GALVANIZED STEEL	22 GA PERFORATED GALVANIZED STEEL	16 GA GALVANIZED STEEL	16 GA ALUMINUM
	16 GA STAINLESS STEEL	16 GA ALUMINUM	16 GA STAINLESS STEEL	18 GA GALVANIZED STEEL
	12 GA ALUMINUM	20 GA GALVANIZED STEEL	12 GA ALUMINUM	16 GA STAINLESS STEEL
	14 GA ALUMINUM (TYPE 5052, SEE NOTE 1)	20 GA STAINLESS STEEL		
		16 GA ALUMINUM (TYPE 5052, SEE NOTE 1)	14 GA ALUMINUM (TYPE 5052 ,SEE NOTE 1)	16 GA ALUMINUM (TYPE 5052 ,SEE NOTE 1)
	INSULATION (BOM ITEM NO.6)		INSULATION (BOM ITEM NO.6)	
	FIBERGLASS		FIBERGLASS	
AUTOFROTH POLYURETHANE		AUTOFROTH POLYURETHANE		
MATERIAL SPECIFICATIONS	GALVANIZED STEEL	ASTM A653, GRADE CSA, GALVANIZED G90		NOTE: MATERIAL SPECIFICATION SAME REGARDLESS OF THICKNESS
	STAINLESS STEEL	304L TO ASTM A 240		
	ALUMINUM	TYPE 3003 OR 3105, UNS A91100 WITH H14 TEMPER		
	ALUMINUM	TYPE 5052 , H34 TEMPER (SEE NOTE 1)		
	ALUMINUM	TREAD PLATE , TYPE 3003 , H22		
	FIBERGLASS			
	ELASTOPOR POLYURETHANE	UL 723, ASTM E-84A AND D1929		
	AUTOFROTH POLYURETHANE	UL 723, ASTM E-84A AND D1929		

NOTE 1: PANEL OPTIONS NOTED ABOVE AS 14 GA OR 16 GA ALUMINUM (TYPE 5052, SEE NOTE 1) ARE BASED ON TESTING THE ALUMINUM BASE FRAME SPECIMENS IN TEST REPORT NO. S7470.01.01-801-18. USE OF THESE OPTIONAL PANEL GAUGES AND MATERIAL REQUIRE THE RACKING LOAD TO BE LIMITED TO 55.9 LBS/LINEAR INCH OF WALL PANEL WIDTH EVEN IF THE OVERALL AHU IS BASED ON THE STEEL BASE FRAME SPECIMENS IN TEST REPORTS LAB NO. 9694, PROJECT NO. 17-7324 AND LAB NO. 10274, PROJECT NO. 17-7324 BY FENESTRATION TESTING LABS. ALL OTHER PANEL OPTIONS NOTED IN TABLE ARE BASED ON COMPARATIVE ANALYSIS OF THE SUBSTITUTIONS AGAINST THE TESTED CONFIGURATIONS OF FENESTRATION TESTING LABS REPORTS NOTED HERE. DESIGN PRESSURES FOR BOTH THE ALUMINUM BASE FRAME AND STEEL BASE FRAME ARE THE SAME AND SHOWN ON SHEET 1.

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CAH SERIES AIR HANDLER		
DRAWING #: CAH SERIES		REV: K
CCG BRAND: CLC		SHEET: 10 of 10

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MODEL: MIAMI_DADE_CORNER_POST
DRAW ING: MIAMI_DADE_CAH_SERIES_AHU
VERSION:

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