



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](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

**Daikin Applied**  
**13600 Industrial Park Blvd.**  
**Minneapolis, MN 55441**

### 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: Vision / Skyline Air Handling Unit

**APPROVAL DOCUMENT:** Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 13 of 13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #C1, dated July 06, 2017, signed and sealed by Warren W. Schaefer, P.E., on December 23, 2022, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Faribault or Owatonna, MN, 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 #22-1130.03 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 and E-4 as well as approval document mentioned above.

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



*Helmy A. Makar*  
09/07/2023

NOA No. 23-0713.16  
Expiration Date: 04/17/2028  
Approval Date: 09/07/2023  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 9 of 9, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #A2, dated November 16, 2011, signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS (Submitted under Previous Approval #07-1003.03.)**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS 202-94, 2) Large Missile Impact Test per TAS 201-94, 3) Cyclic Wind Pressure Loading per TAS 203-94, along with marked-up drawings and installation diagram of Vision/Skyline Air Handling Unit, prepared by Architectural Testing, Test Report No. 72777.01-201-18, dated 05/25/07, signed and sealed by Joseph A. Reed, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS 202-94, 2) Large Missile Impact Test per TAS 201-94, 3) Cyclic Wind Pressure Loading per TAS 203-94, along with marked-up drawings and installation diagram of Vision/Skyline Air Handling Unit, prepared by Architectural Testing, Test Report No. 66799.01-201-18, dated 08/23/07, signed and sealed by Joseph A. Reed, P.E.

**C. CALCULATIONS**

1. Calculation prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 11/16/11, signed and sealed by W. W. Schaefer, P.E.  
(Submitted under Previous Approval #11-1118.02.)
2. Calculation of Panel Fastener Suitability, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 08/29/07, signed and sealed by W. W. Schaefer, P.E. (Submitted under Previous Approval #07-1003.03.)

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS (Submitted under Previous Approval #07-1003.03.)**


1. Tensile test report by Architectural Testing, Test Report No. 66799.01-201-18, dated 08/23/07, signed and sealed by Joseph A. Reed, P.E.
2. Tensile test report by Architectural Testing, Test Report No. 72777.01-201-18, dated 05/25/07, signed and sealed by Joseph A. Reed, P.E.

**F. STATEMENTS**

1. Statement letter of conformance and compliance with the **FBC-2010**, dated 02/13/13, signed and sealed by Warren W. Schaefer, P.E.
2. Statement of independence dated 02/13/13, signed and sealed by Warren W. Schaefer, P.E.
3. Statement letter indicating that the product has not changed since last approved, dated 01/15/13, signed by Steven E. Wold, P.E.

**G. OTHER**

1. Notice of Acceptance No. **11-1118.02**, issued to McQuay International for their "Vision / Skyline Air Handling Unit", approved on 03/29/12 and expiring on 04/17/13.

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-0713.16  
Expiration Date: 04/17/2028  
Approval Date: 09/07/2023



**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #14-0911.01**

**A. DRAWINGS**

1. *Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 13 of 13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #B1, dated September 04, 2014, signed and sealed by Warren W. Schaefer, P.E.*

**B. TESTS**

1. *Test reports on 1) Uniform Static Air Pressure Test, Loading per TAS 202-94, 2) Large Missile Impact Test per TAS 201-94, 3) Cyclic Wind Pressure Loading per TAS 203-94, along with marked-up drawings and installation diagram of Vision/Skyline Air Handling Unit, prepared by Intertek /Architectural Testing, Test Report No. D6498.01-201-18, dated 08/08/14, Revision #1 dated 09/03/14, signed and sealed by Shawn G. Collins, P.E.*

**C. CALCULATIONS**

1. *Compliance Letter to certify calculation prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 09/04/14, signed and sealed by W. W. Schaefer, P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of conformance and compliance with the FBC-2010, and FBC-2014, dated 09/04/14, signed and sealed by Warren W. Schaefer, P.E.*
2. *Statement of independence, signed and sealed by Warren W. Schaefer, P.E.*


**G. OTHER**

1. *Document number P38423, by The Florida Department of State, Division of Corporations for a name change, dated 10/01/13.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #17-0802.14**

**A. DRAWINGS**

1. *Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 13 of 13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #C1, dated July 06, 2017.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-0713.16  
Expiration Date: 04/17/2028  
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**Daikin Applied**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of conformance and compliance with the FBC-2014, and FBC-2017, dated 07/24/17, signed and sealed by Warren W. Schaefer, P.E.*

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-0623.20**

**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 (RER).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of conformance and compliance with the FBC-2020, dated 06/04/2020, signed and sealed by Warren W. Schaefer, P.E.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-0713.16  
Expiration Date: 04/17/2028  
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**Daikin Applied**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #22-1130.03**

**A. DRAWINGS**

1. *Drawing No. 1516, titled "Vision / Skyline Air Handling Unit", sheets 1 through 13 of 13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated August 20, 2007, Last revision #C1, dated July 06, 2017, signed and sealed by Warren W. Schaefer, P.E., on December 23, 2022.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of conformance and compliance with the FBC-2020, dated 11/23/2022, signed and sealed by Warren W. Schaefer, P.E.*

**6. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

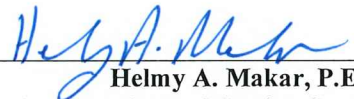
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of conformance and compliance with the FBC, 2020 and 2023 Editions, dated 07/01/2023, signed and sealed by Warren W. Schaefer, P.E.*



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

NOA No. 23-0713.16

Expiration Date: 04/17/2028

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GENERAL NOTES:

- IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY THE STRUCTURAL INTEGRITY OF THE EXISTING STRUCTURE TO SUPPORT THE LOADS SUPERIMPOSED BY THE AIR HANDLING UNIT.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCT DESIGNED & TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) PROTOCOLS TAS-201, 202 & 203, ASTM E72 RACKING TEST & ASTM E8-03 TENSILE TEST.
- EACH AIR HANDLING UNIT ASSEMBLY SHALL BE PERMANENTLY LABELED AS FOLLOWS: DAIKIN APPLIED MINNEAPOLIS, MN MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
- THIS AIR HANDLING UNIT HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE(S).
- THIS AIR HANDLING UNIT HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
- ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ALL FINISHES.
- ALL ANCHORS SECURING AIR HANDLING UNIT TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
- INTERIOR MOUNTED EQUIPMENT AND THEIR MOUNTING DETAILS ARE NOT PART OF THIS PRODUCT APPROVAL.

ANCHORING NOTE:

ALL ANCHOR SPECIFICATIONS SHOWN IN THIS DRAWING ARE BASED ON TESTED CONDITIONS AND ARE MEANT TO COVER MOST, IF NOT ALL FIELD CONDITIONS. IF FIELD CONDITIONS REQUIRE INSTALLATION TO BE DIFFERENT THAN WHAT IS SPECIFIED HERE-IN, THOSE CONDITIONS SHALL BE REVIEWED AND THE INSTALLATION METHOD SHALL BE DESIGNED & CERTIFIED BY A FLORIDA LICENSED DESIGN PROFESSIONAL WITH THE CERTIFIED DESIGN BEING SUBMITTED TO THE APPLICABLE BUILDING DEPARTMENT FOR JOB REVIEW & PERMIT.

ALLOWABLE DESIGN LOAD

POSITIVE	NEGATIVE
75 PSF	75 PSF

BASE ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	ANCHOR TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
BASE RAIL FRAMING OPTION 1			
MIN. 3000 PSI CONCRETE	(1) 1/2" WEDGE/SLEEVE ANCHOR	3 1/2"	3"
WOOD (MIN. GR. 2 & G=0.55)	1/2" GALV. H.H. LAG SCREW	3"	2"
MIN. 12 GA. (0.102" THICK) 36 KSI STEEL	(2) 1/2" BOLT WITH NUT & WASHER	FULL	1"
CURB FRAMING OPTION 2			
MIN. 3000 PSI CONCRETE	(3) 1/4" H.H. CONCRETE SCREW	1 1/2"	1 3/4"
WOOD (MIN. GR. 2 & G=0.55)	NO. 14 S.S. SMS H.H. OR OR 3/8" GALV. H.H. LAG SCREW	2"	1"
MIN. 12 GA. (0.102" THICK) 36 KSI STEEL	1/4-20 OR 1/4-14 SELF TAP/DRILLING GR. 5 SCREW	FULL	1"

- (1) WEDGE/SLEEVE ANCHORS SHALL BE ITW RAMSET/RED HEAD DYNABOLT OR TRUBOLT, POWERS RAWL POWER-BOLT, POWER-STUD OR WEDGE-BOLT OR HILTI KWIK BOLT 3 (GRADE 5 STEEL OR 304 S.S.).
- (2) BOLTS SHALL BE MIN. A307 GALVANIZED OR 304 S.S. WITH NUT & WASHER.
- (3) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).

OVERALL UNIT LENGTH MUST BE EQUAL TO OR GREATER THAN THE UNIT HEIGHT. NUMBER OF INDIVIDUAL SECTIONS MAKING UP THIS OVERALL UNIT IS UNLIMITED.

NOTE: SECTION WIDTH IS LIMITED ONLY BY DAIKIN APPLIED'S SHIPPING, HANDLING OR ASSEMBLY CONSTRAINTS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 23-0713.16  
Expiration Date 04/17/2028  
By *Helga M. M...*  
Miami Dade Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 22-1130.03  
Expiration Date 04/17/2028  
By *Helga M. M...*  
Miami Dade Product Control

MAIN FRAME

96" MAX UNIT HEIGHT

SIDE INTERMEDIATES;  
(QUANTITY AS REQUIRED SO THAT THE SHORT DIMENSION OF EACH PANEL DOES NOT EXCEED 44" & THE LONG DIMENSION OF EACH PANEL DOES NOT EXCEED 96"). PANELS MAY BE HORIZONTALLY OR VERTICALLY STACKED.

THREE(3) 1/4 TURN CAM LOCKS (ONE 6" FROM EACH DOOR END & ONE AT MID-SPAN)

DOOR

THREE(3) 6" METAL HINGES (ONE AT EACH END & ONE AT MID-SPAN)

8" MAX.

ISOMETRIC VIEW

SCALE: 1/2"=1'-0"

(SEE VIEWS & DETAILS OTHER SHEETS FOR DETAIL NOT SHOWN)

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

THIS DIMENSION MAY BE LESS THAN 96" PROVIDING IT IS EQUAL TO OR GREATER THAN THE UNIT HEIGHT

96" MAX. UNIT DEPTH WHEN SIDE INTERMEDIATES SPAN HORIZONTALLY; 140 MAX. UNIT DEPTH WHEN SIDE INTERMEDIATES SPAN VERTICALLY

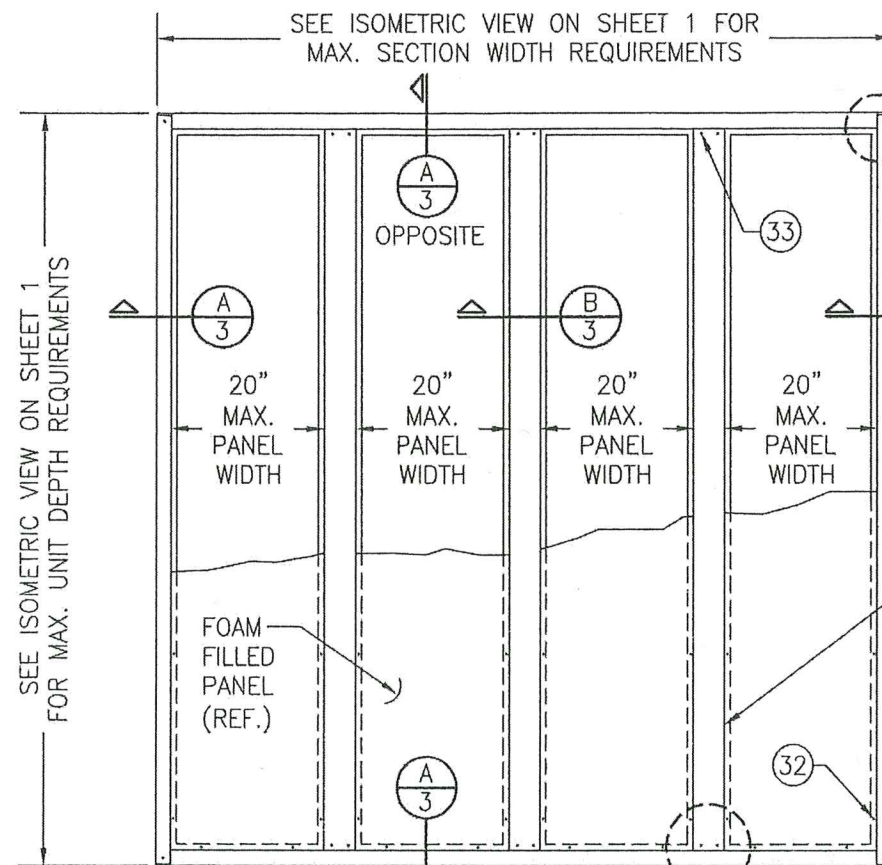
UNLIMITED SECTION WIDTH (SEE NOTE)

OVERALL UNIT LENGTH IS UNLIMITED & VARIES WITH QUANTITY & LENGTH OF SECTIONS

UNLIMITED SECTION WIDTH (SEE NOTE)

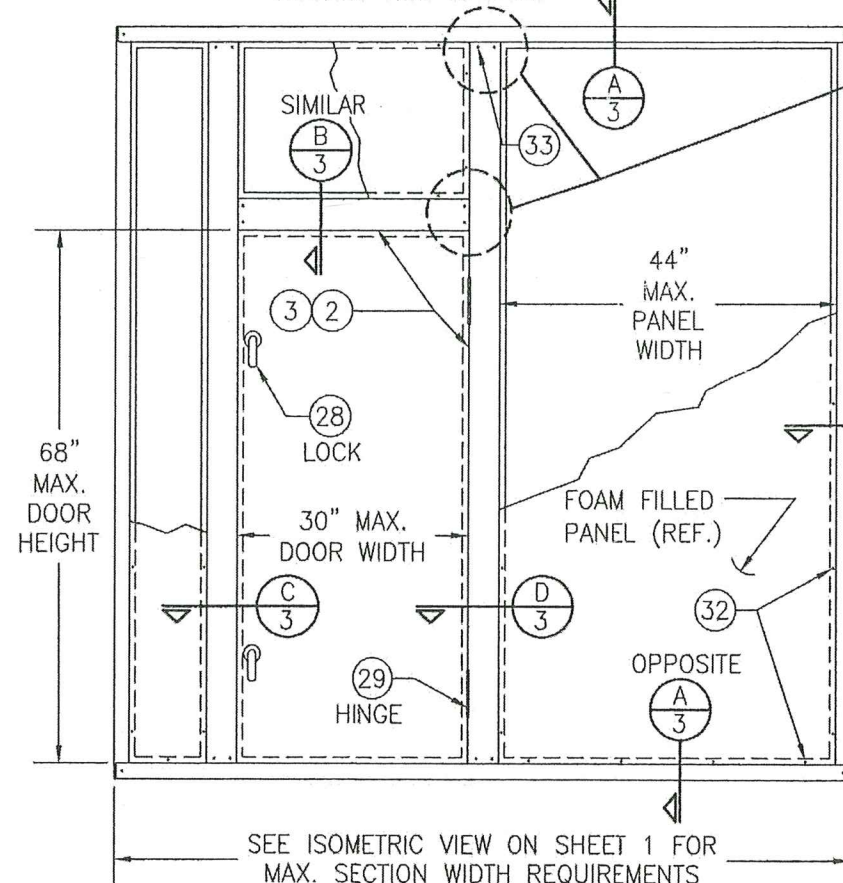
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 08/20/07	
NO.	REVISION DESCRIPTION	DATE	BY
A1	UPDATE TO CURRENT STANDARDS	11/16/11	W.R.M.
A2	ADD NEMA BOX	11/16/11	W.R.M.
B1	ADD NEW BASE RAIL (OPTION 3)	09/04/14	W.W.S.
C1	CHANGED PANEL FOAM MAKE-UP	07/06/17	W.W.S.
VISION/SKYLINE AIR HANDLING UNIT			
MANUFACTURER DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424			
CERTIFICATION DEC 23 2022 WARREN W. SCHAEFER, P.E. No. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER			
DRAWING NO. 1516		REV. C	
SHEET NO. 1 OF 13			





TOP VIEW: AIR HANDLING BOX SECTION

BOTTOM VIEW IS SAME



FRONT VIEW: AIR HANDLING BOX SECTION

BACK VIEW IS SIMILAR EXCEPT THAT INTERMEDIATE SHOWN LEFT OF DOOR IS POSITIONED MIDWAY BETWEEN THE MIDDLE INTERMEDIATE AND THE BOX EDGE.

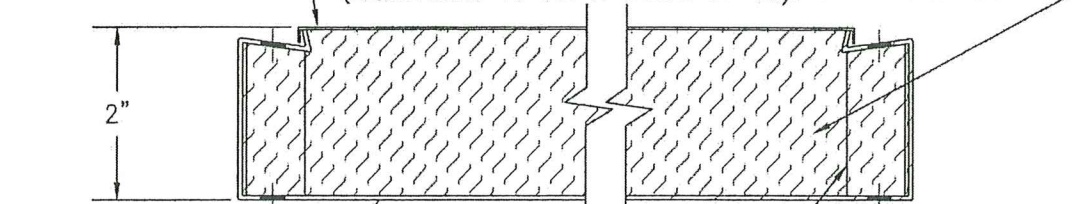
BOX FRAME CORNER CONSTRUCTION: EACH FRAME MEMBER IS END CUT TO FORM 2 FLANGES PER END. THE VERTICAL AND 2 HORIZONTAL FRAME MEMBERS ARE THEN LAPPED TOGETHER AND SECURED WITH THREE(3) 5/16-18 X 3/4" GR. 5 F.H. THREAD TAPPING SCREWS.

QUANTITY DEPENDS ON THE UNIT LENGTH

END CONNECTION OF INTERMEDIATES TO CORNER FRAMING & OTHER INTERMEDIATE: AFTER FRAMING ASSEMBLY, PLACE THE INTERMEDIATE END AGAINST THE CHANNEL FRAME OR INTERMEDIATE FLANGE & FLANGE GASKET & SECURE TO THE CHANNEL FRAME/INTERMEDIATE FLANGE WITH 2 NO. 14-10 X 2.5" TORX WAFFER HEAD TAP FORMING SCREWS THROUGH BOTH THE INTERMEDIATE & ITS LINER AND INTO THE SUPPORTING FLANGE (REF. DETAIL ON SHEET 3)

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No 22-1130.03 Expiration Date 04/17/2028 By *Healy A. Miller* Miami Dade Product Control

TWO COMPONENT POLYURETHANE FOAM INSULATION SYSTEM EXPANDED WITH ECOMATE BLOWING AGENT. COMPONENT "A" POLYMERIC POLYISOCYANATE FROM FOAM SUPPLIES INC. (DAIKIN PART #206122201) IS MIXED WITH COMPONENT "B" PRE-BLENDED RESIN FROM FOAM SUPPLIES INC. (DAIKIN PART #206122301) AT A RATIO OF 100 PARTS OF "A" TO 72 PARTS OF "B". AMOUNT OF MATERIAL NEEDED IS 2.1 LBS OF FOAM PER CUBIC FOOT OF INSULATION SPACE (EQUIVALENT TO AN R VALUE OF 13).



50 KSI GALV. STEEL 0.046" THICK OUTER PANEL

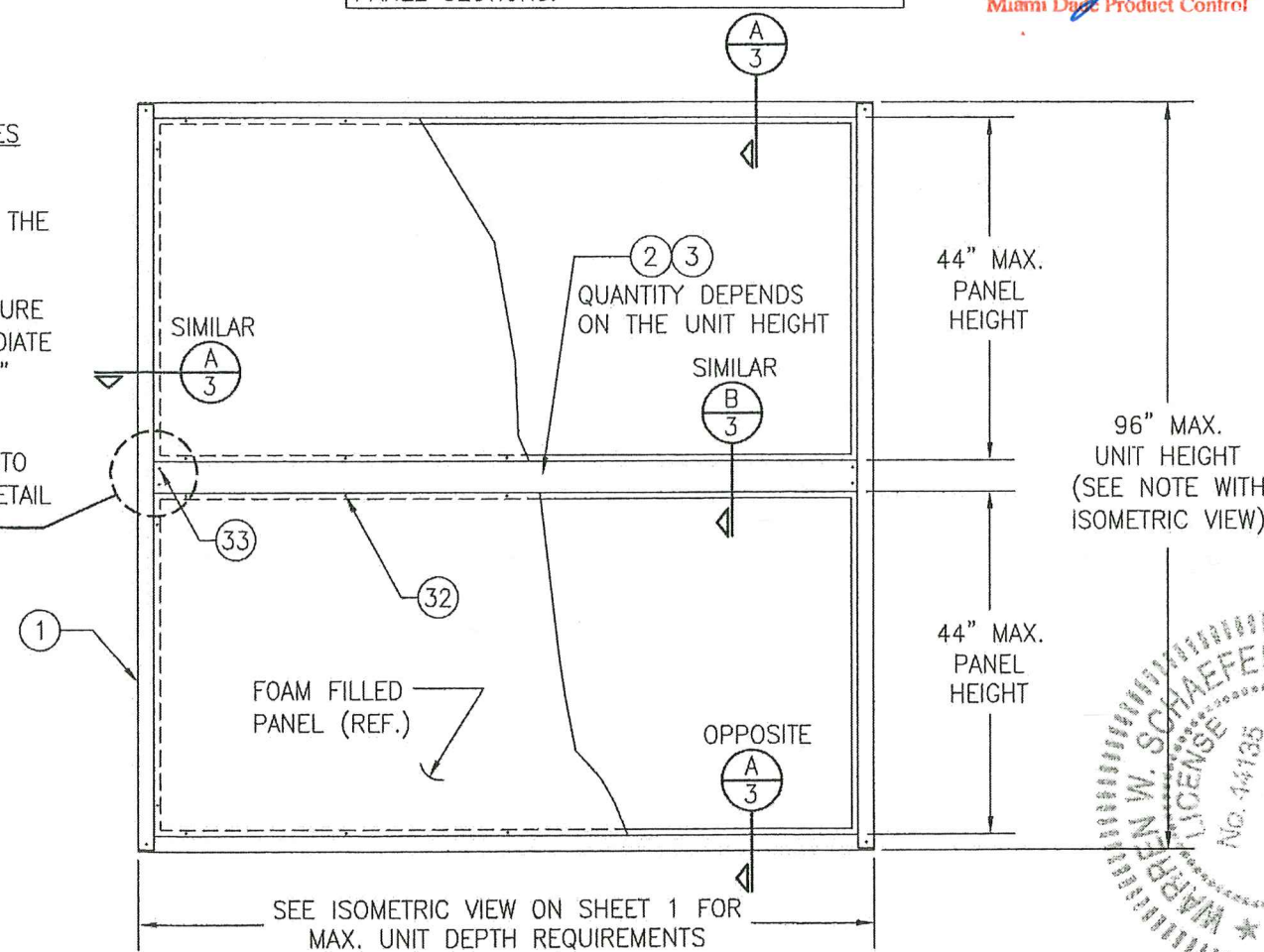
PANEL CROSS SECTION

SCALE: 1/2" FULL

PLACE SPACER PART NUMBER 11 AT EACH PREDRILLED HOLE TO RESIST ANCHOR COMPRESSION OF PANEL

FOAM DATA	
DENSITY	2.1 LB/CFT
FLAME SPREAD INDEX	0
SMOKE DENSITY INDEX	5
NOTE: FLAME SPREAD & SMOKE DENSITY TESTING WAS COMPLETED USING ASSEMBLED PANEL SECTIONS.	

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 23-0713.16 Expiration Date 04/17/2028 By *Healy A. Miller* Miami Dade Product Control



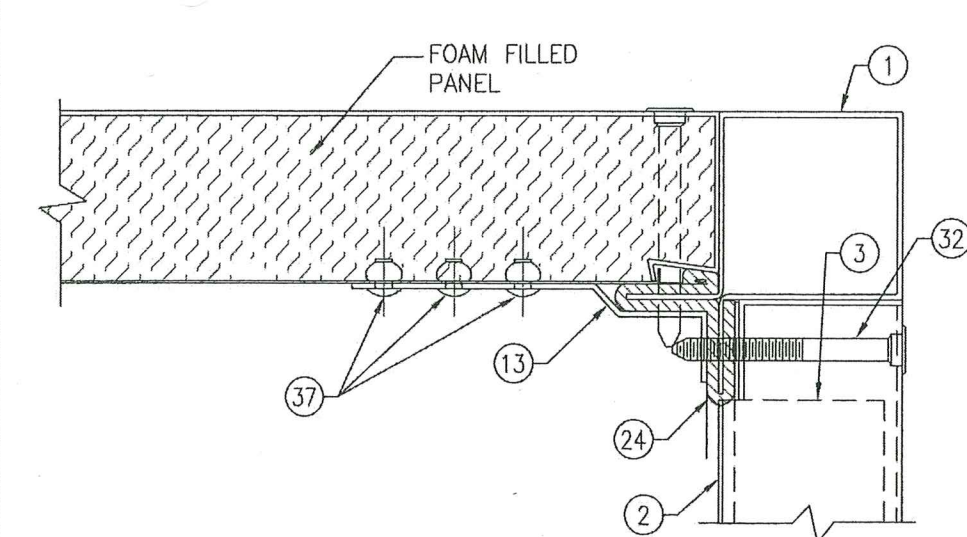
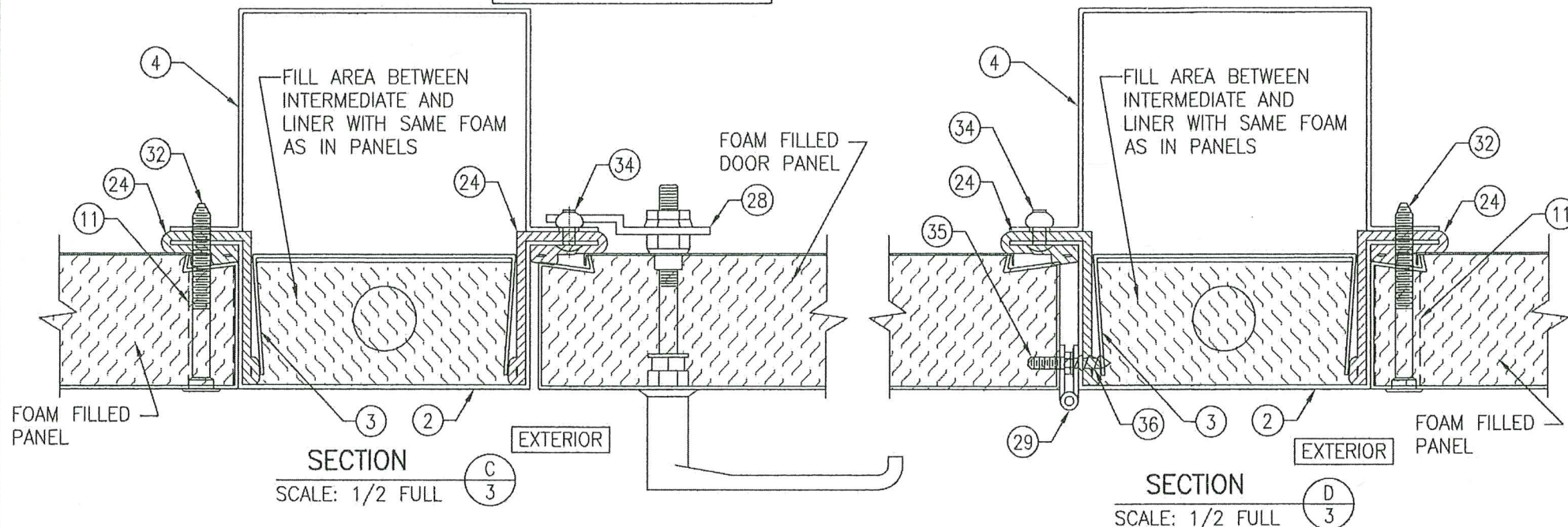
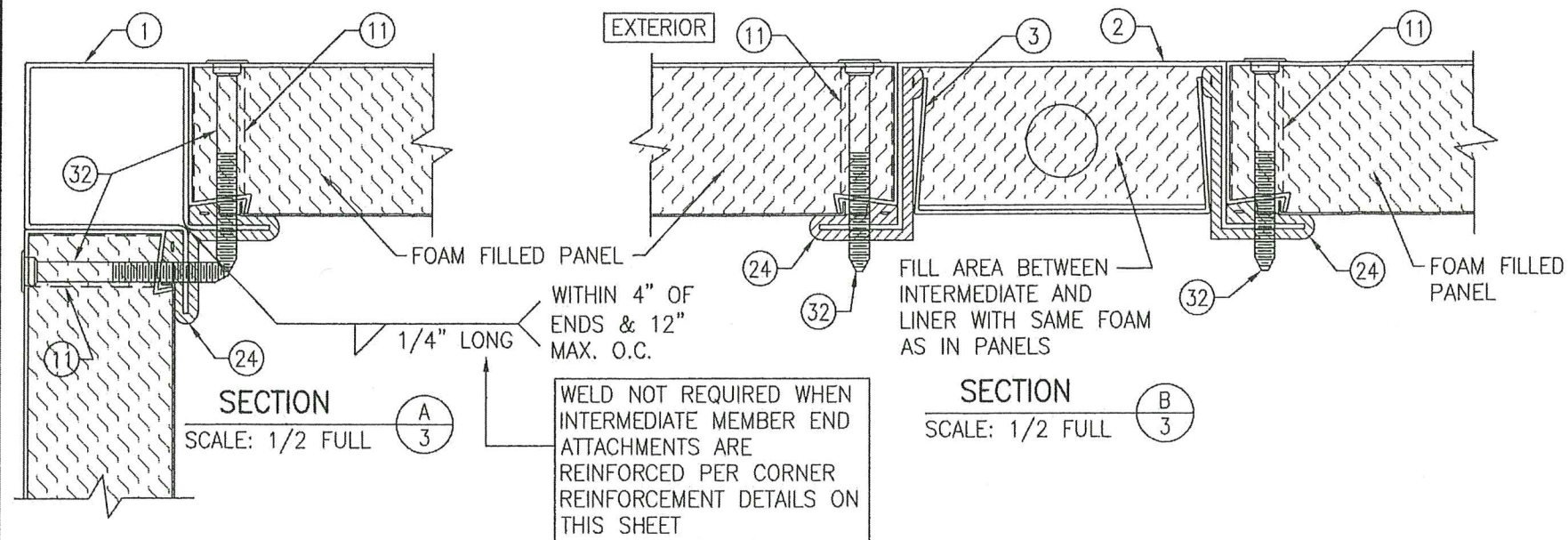
SIDE VIEW: AIR HANDLING BOX SECTION

SCALE: 1/2"=1'-0"

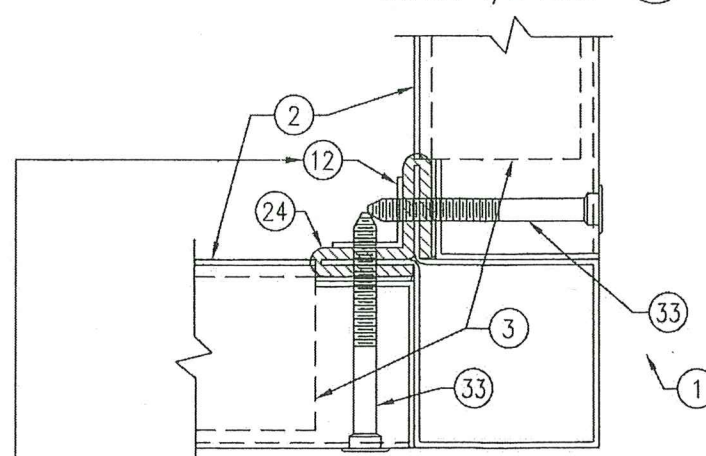
VERTICALLY STACKED PANELS SHOWN, HORIZONTALLY STACKED PANELS ALSO APPLY.

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 08/20/07	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: VISION/SKYLINE AIR HANDLING UNIT			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: DAIKIN APPLIED	
26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
CERTIFICATION: W. W. SCHAEFER, P.E. No. 44135		DEC 23 2022	
DRAWING NO. 1516		REV. C	
SHEET NO. 2		OF 13	

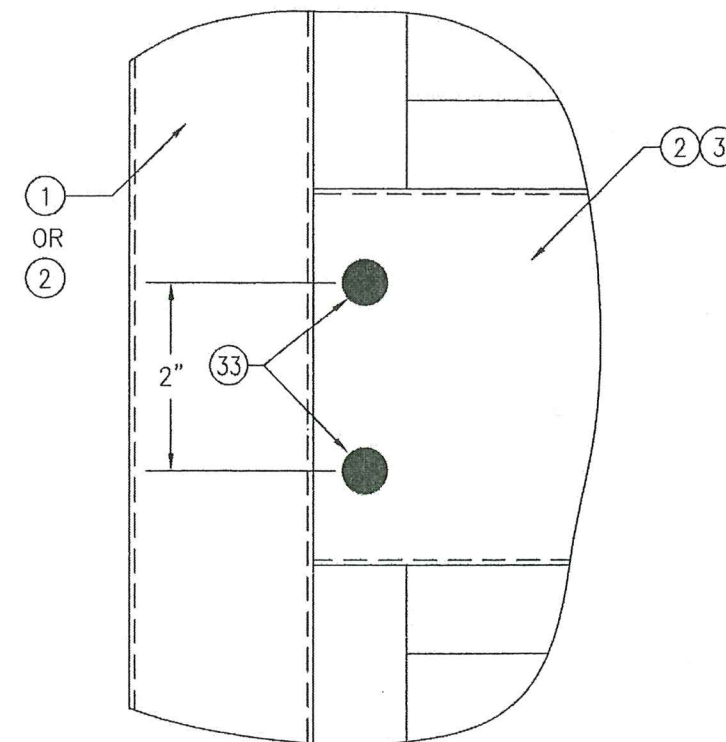




**CORNER STRAP REINFORCEMENT DETAIL**  
OCCURS WHERE INTERMEDIATE ENDS MEET A PANEL  
(NOT REQUIRED WHEN PART #1 FLANGES ARE WELDED AS SHOWN IN SECTION A/3)



**CORNER ANGLE REINFORCEMENT DETAIL**  
OCCURS WHERE INTERMEDIATE ENDS MEET EACH OTHER AT A CORNER  
(NOT REQUIRED WHEN PART #1 FLANGES ARE WELDED AS SHOWN IN SECTION A/3)

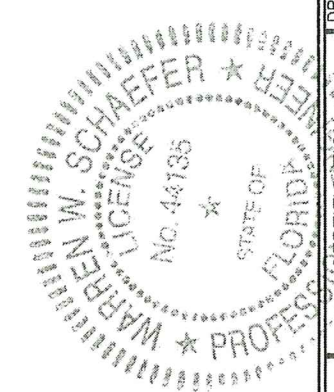


**EXTERIOR VIEW:  
INTERMEDIATE END CONNECTION DETAIL**

PANELS NOT SHOWN FOR CLARITY.  
VERTICALLY STACKED END CONNECTION  
SHOWN, HORIZONTALLY STACKED END  
CONNECTION IS THE SAME JUST  
ROTATED 90 DEG.

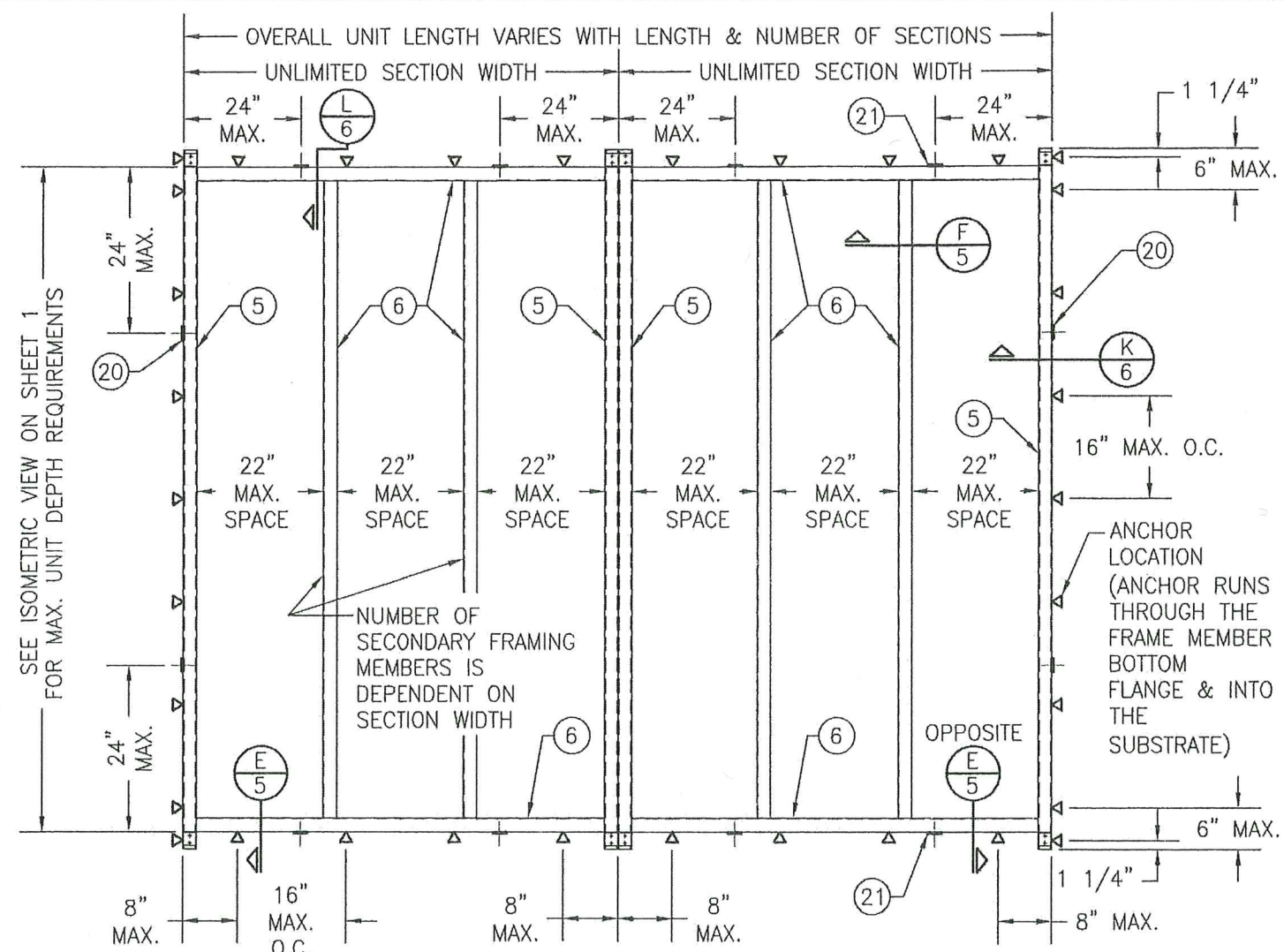
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By *Heidi A. Miller*  
Miami Dade Product Control

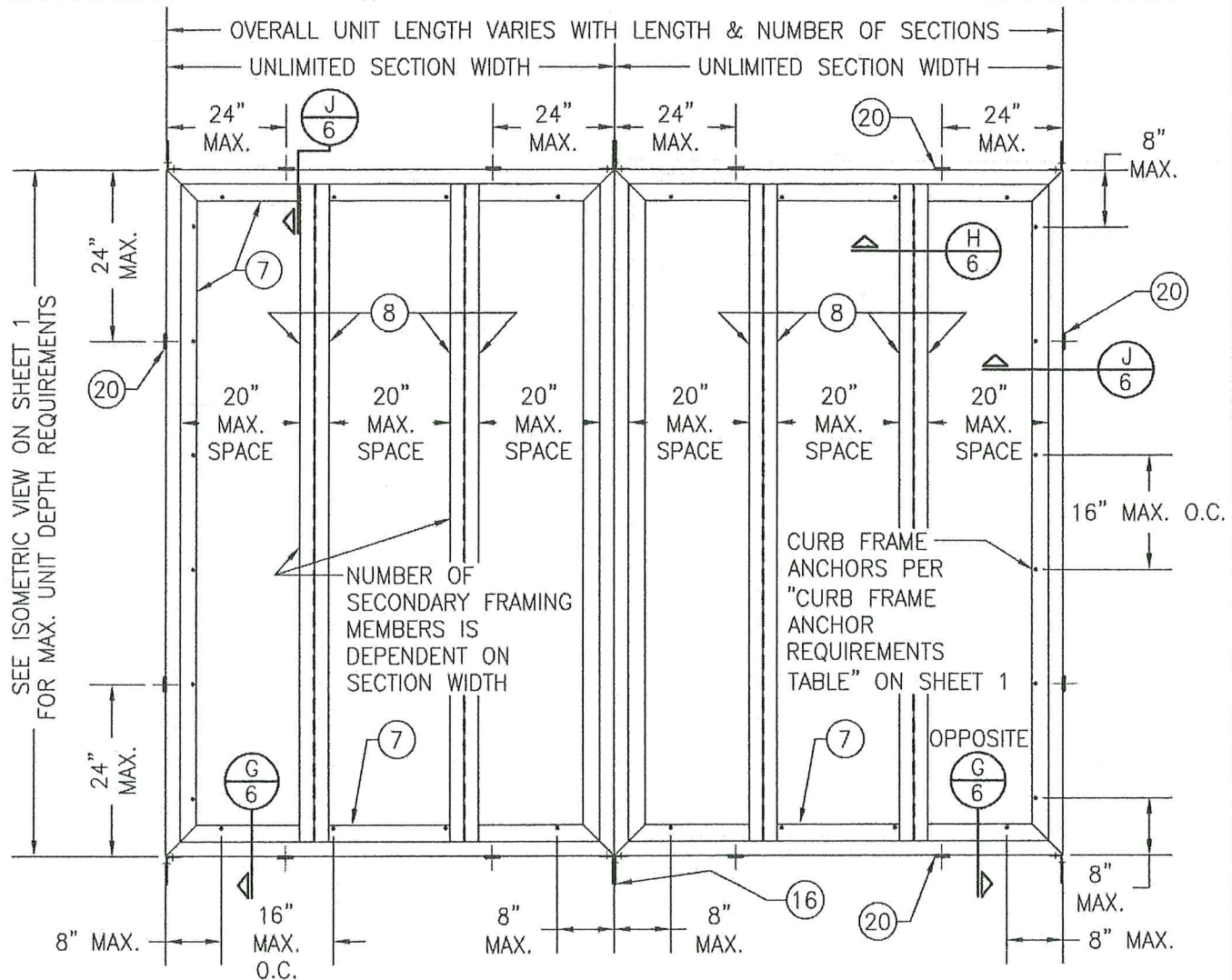


DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 08/20/07
DATE	BY
REVISION DESCRIPTION	NO.
VISION/SKYLINE AIR HANDLING UNIT	
CONSULTANTS	MANUFACTURER
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424	DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342
CERTIFICATION	DEC 23 2022
DRAWING NO.	REV.
1516	C
SHEET NO.	3 OF 13





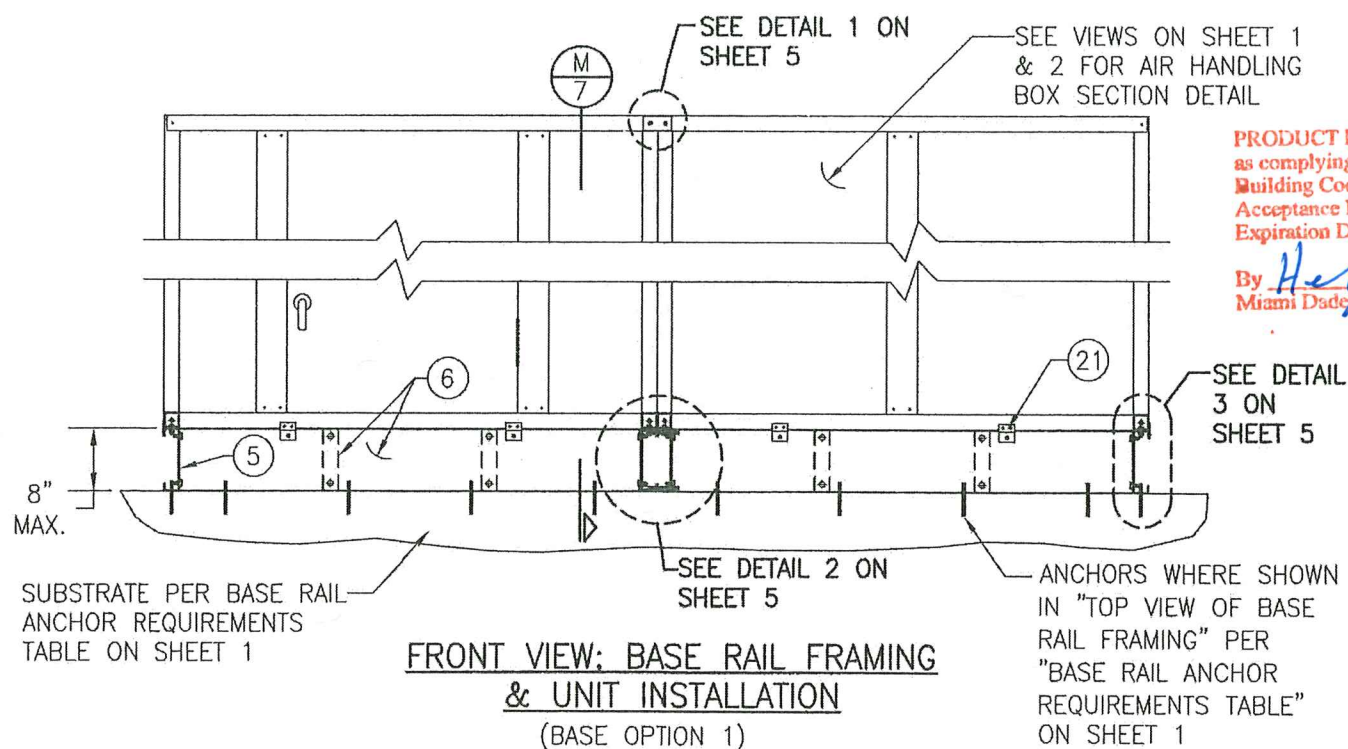
**TOP VIEW; BASE RAIL FRAMING**  
(BASE OPTION 1)  
AIR HANDLING BOX NOT SHOWN FOR CALRTY.



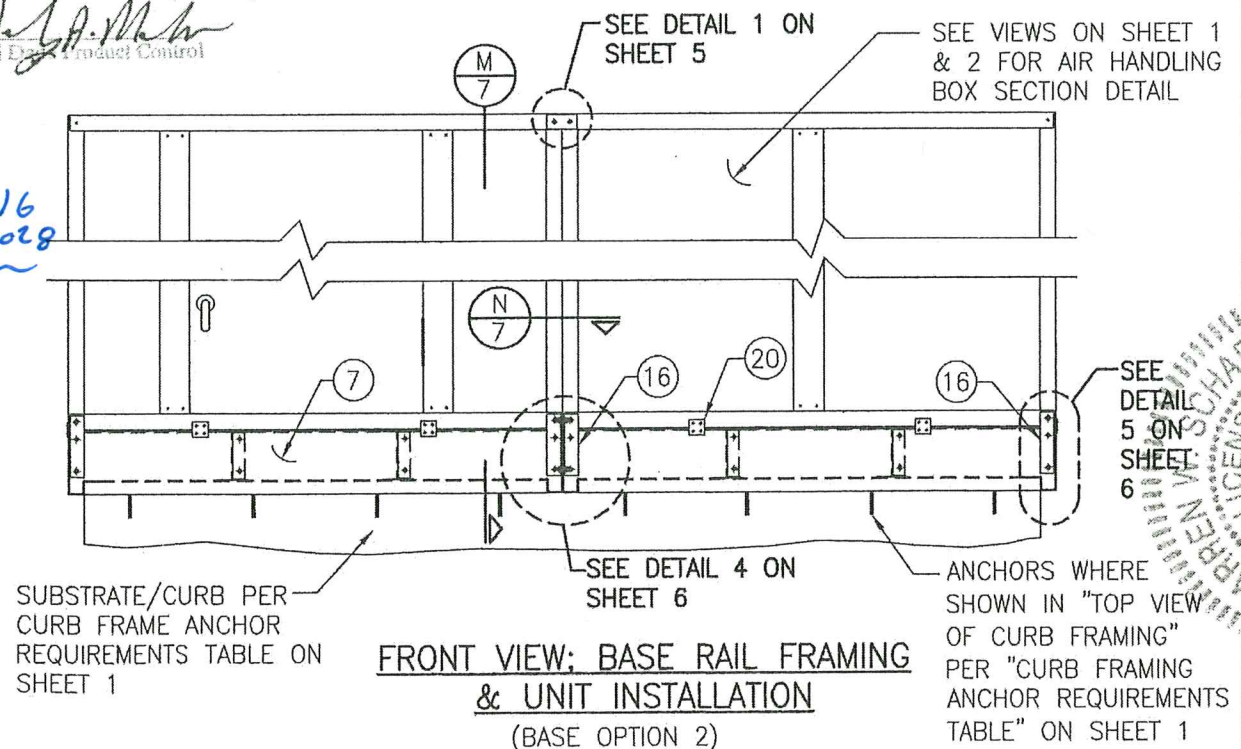
**TOP VIEW; BASE RAIL FRAMING**  
(BASE OPTION 2)  
AIR HANDLING BOX NOT SHOWN FOR CALRTY.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 22-1130.03  
Expiration Date 04/17/2028  
By *H. A. M. M.*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-0713.16  
Expiration Date 04/17/2028  
By *H. A. M. M.*  
Miami Dade Product Control



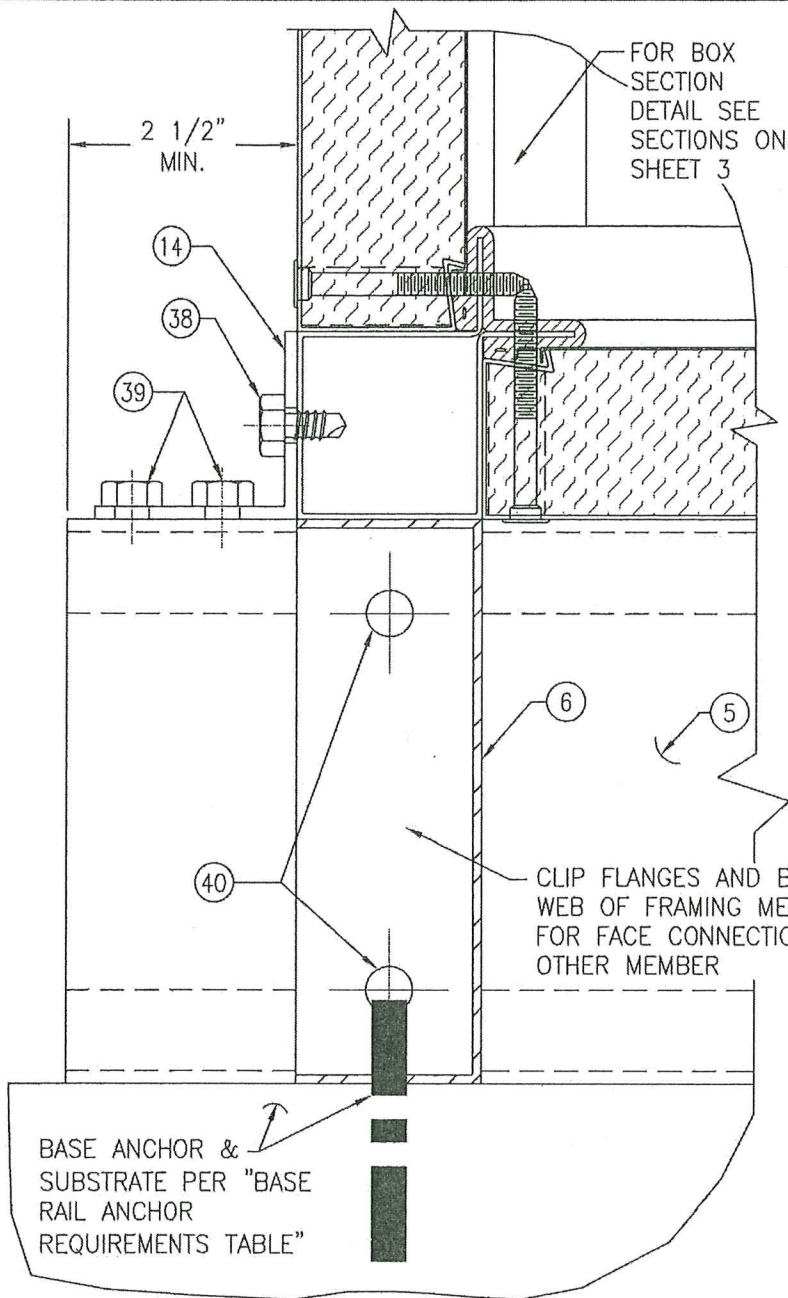
**FRONT VIEW; BASE RAIL FRAMING & UNIT INSTALLATION**  
(BASE OPTION 1)



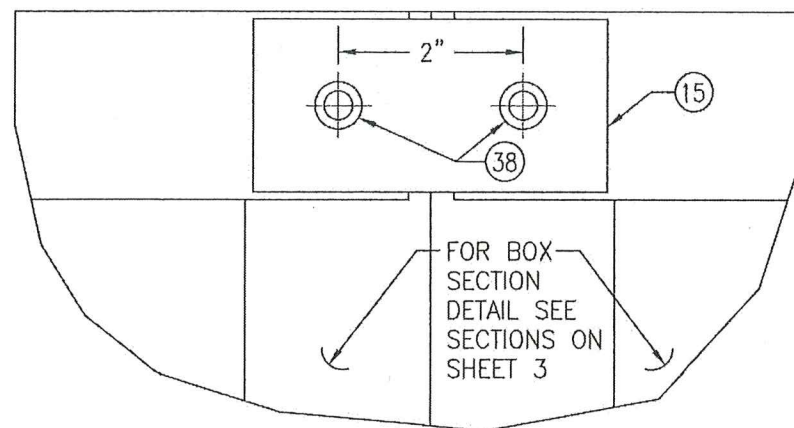
**FRONT VIEW; BASE RAIL FRAMING & UNIT INSTALLATION**  
(BASE OPTION 2)

DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
PLOT:	1=24	DATE:	08/20/07
DATE		BY	
REVISION DESCRIPTION			
NO.			
VISION/SKYLINE AIR HANDLING UNIT			
MANUFACTURER			
DAIKIN APPLIED			
13600 INDUSTRIAL PARK BLVD.			
MINNEAPOLIS, MN 55441			
800-432-1342			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
26376 NADIR ROAD, UNIT 309			
PUNTA GORDA, FL 33983			
PHONE: 561-744-3424			
CERTIFICATION			
DEC 28 2022			
WARREN W. SCHAEFER, P.E.			
PEA NO. 44135			
DRAWING NO.	1516	REV.	C
SHEET NO.	4	OF	13

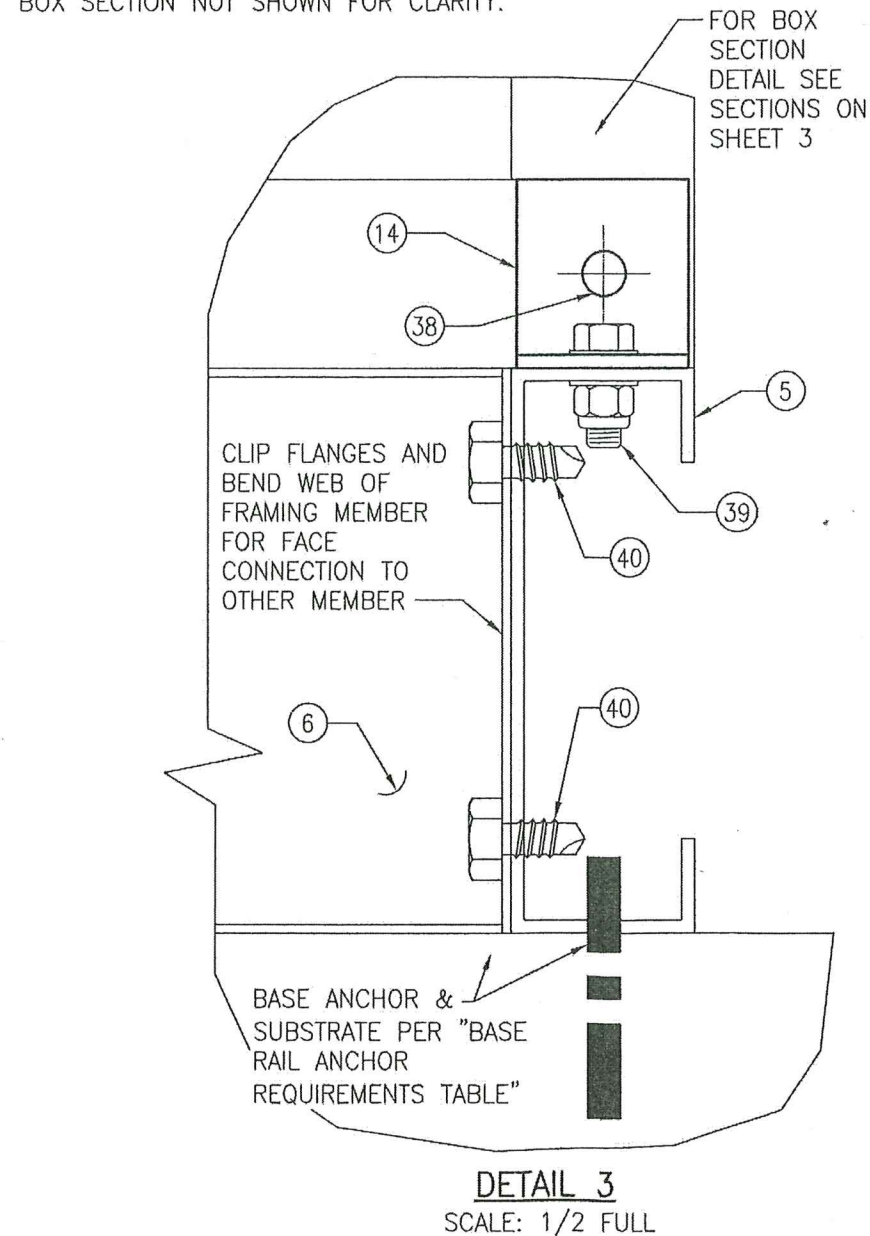
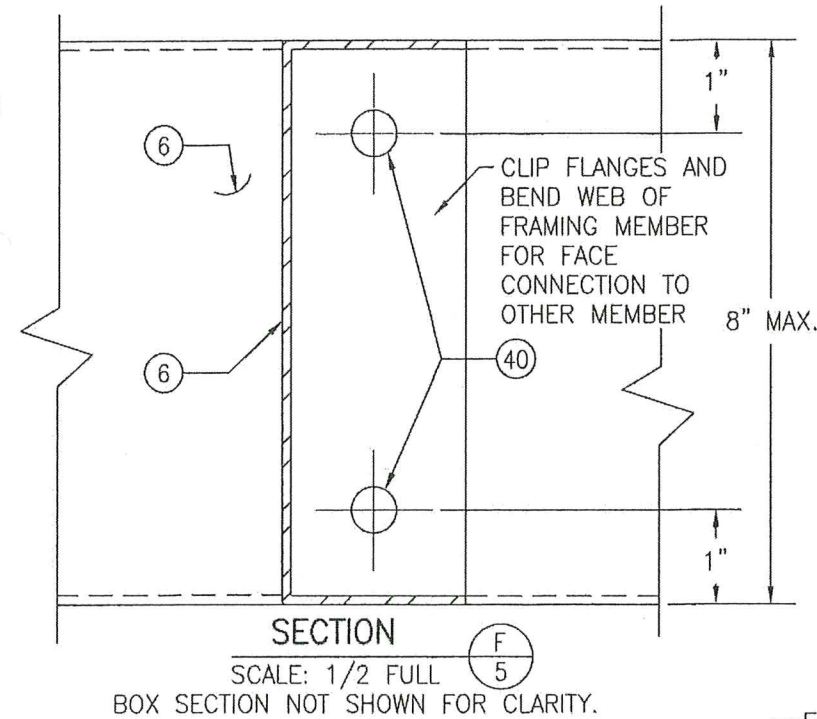




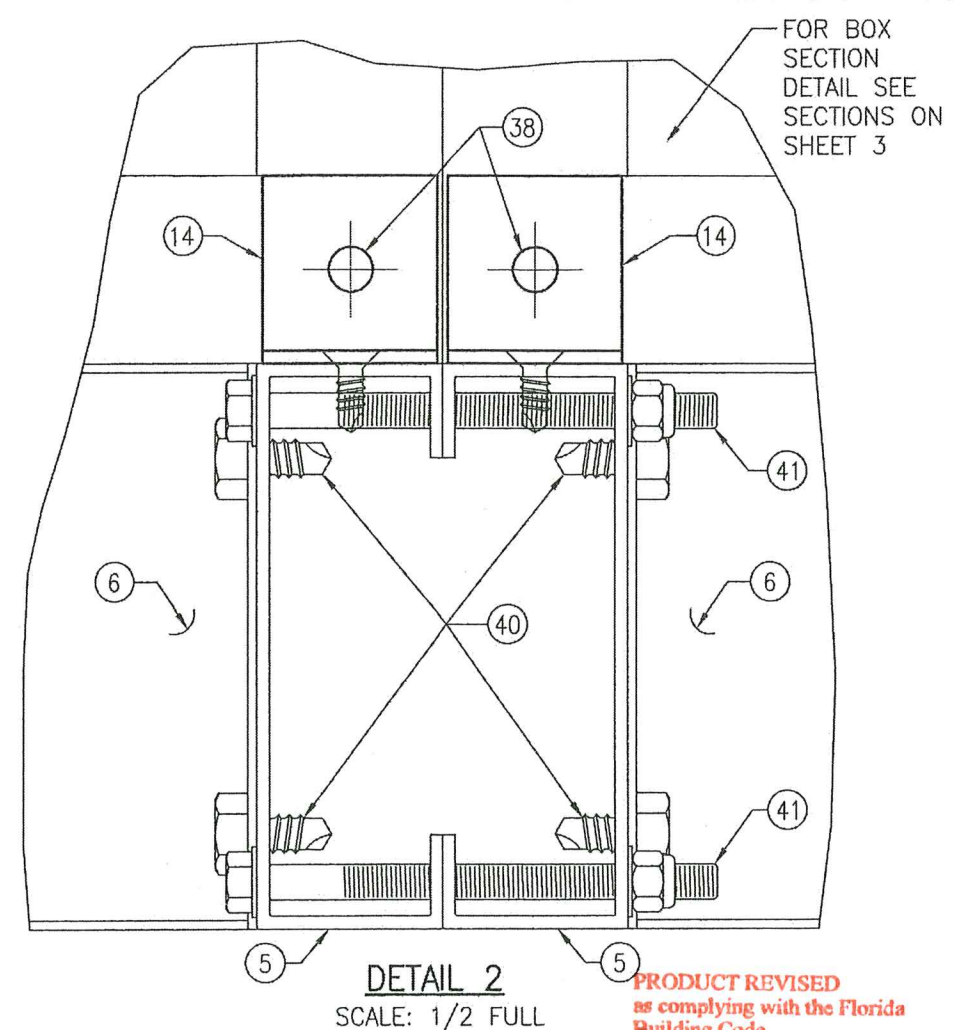
SECTION E  
SCALE: 1/2 FULL



DETAIL 1  
SCALE: 1/2 FULL



DETAIL 3  
SCALE: 1/2 FULL



DETAIL 2  
SCALE: 1/2 FULL

1/2" BOLT PER ANCHOR REQUIREMENTS TABLE. LOCATE AROUND UNIT AT POSITIONS SPECIFIED IN TOP VIEW OF BASE RAIL ON SHEET 4.

SUPPORTING STEEL SUBSTRATE AND SUPPORT OF THAT SUBSTRATE BY OTHERS & PER ANCHOR REQUIREMENTS TABLE

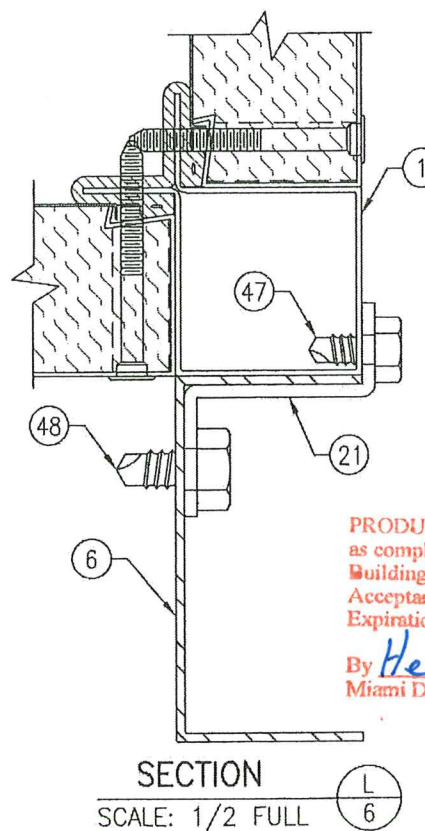
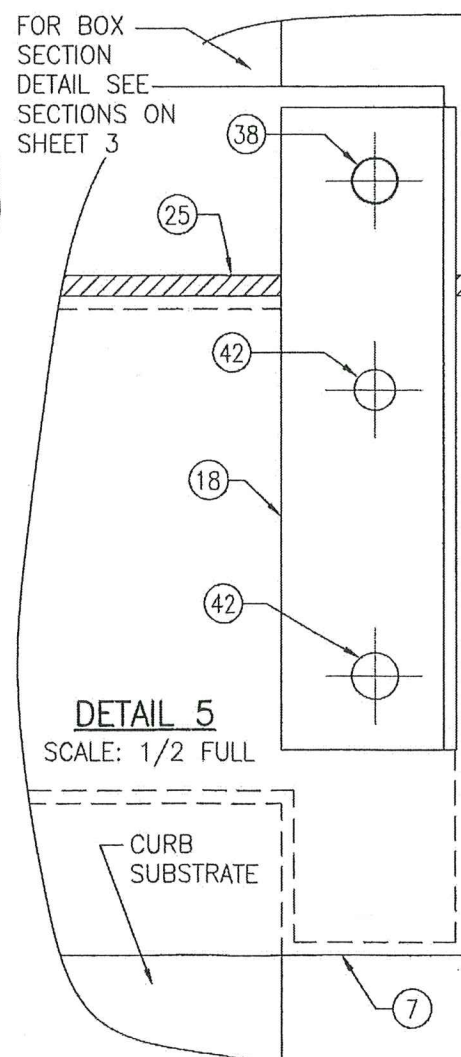
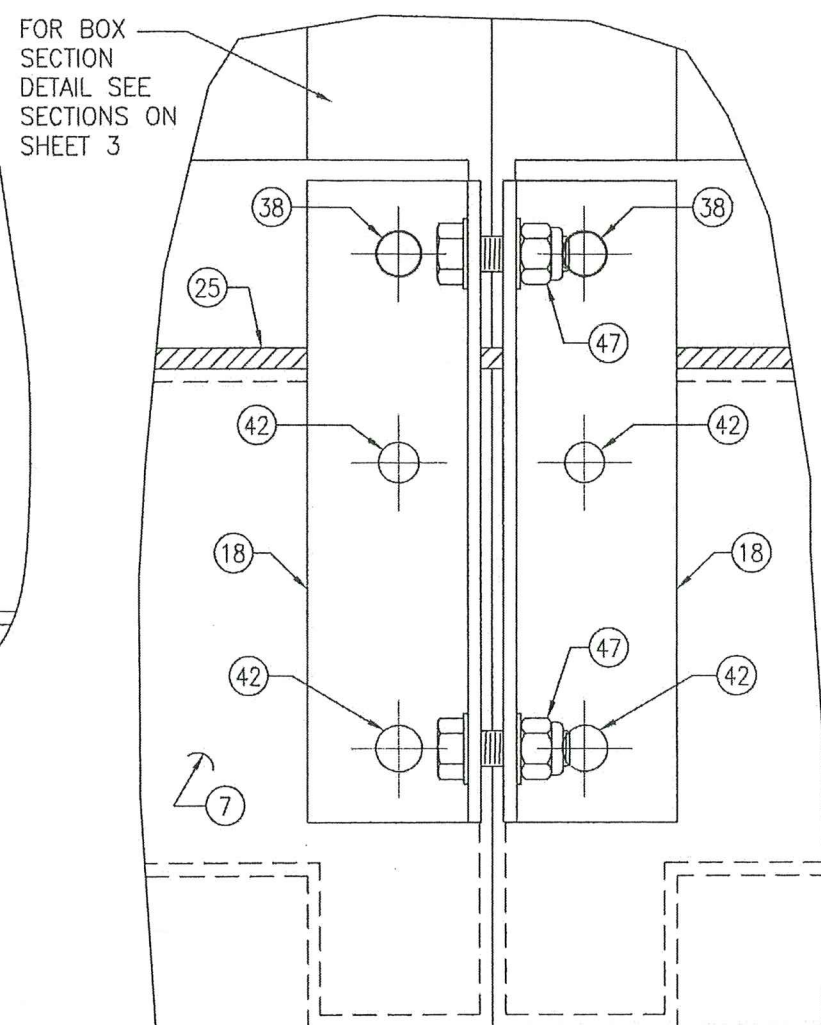
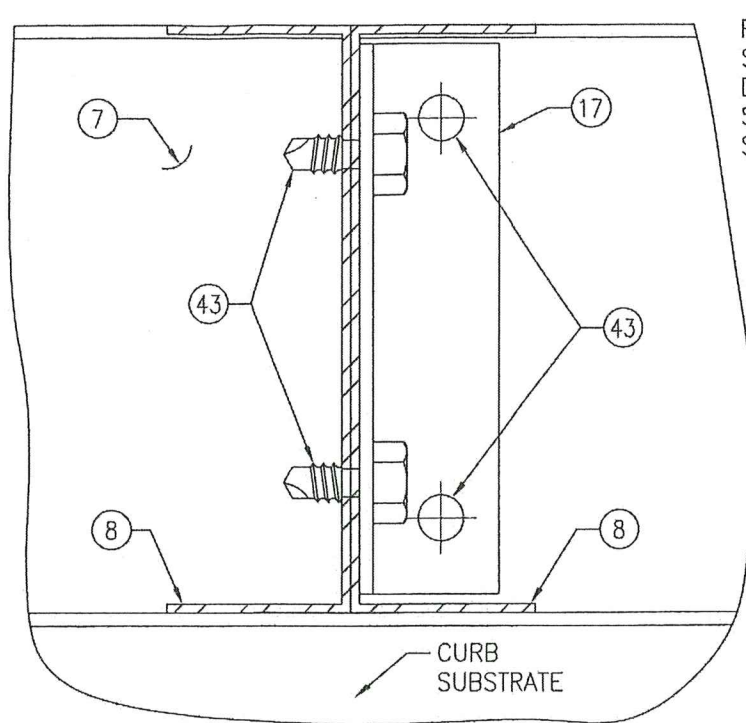
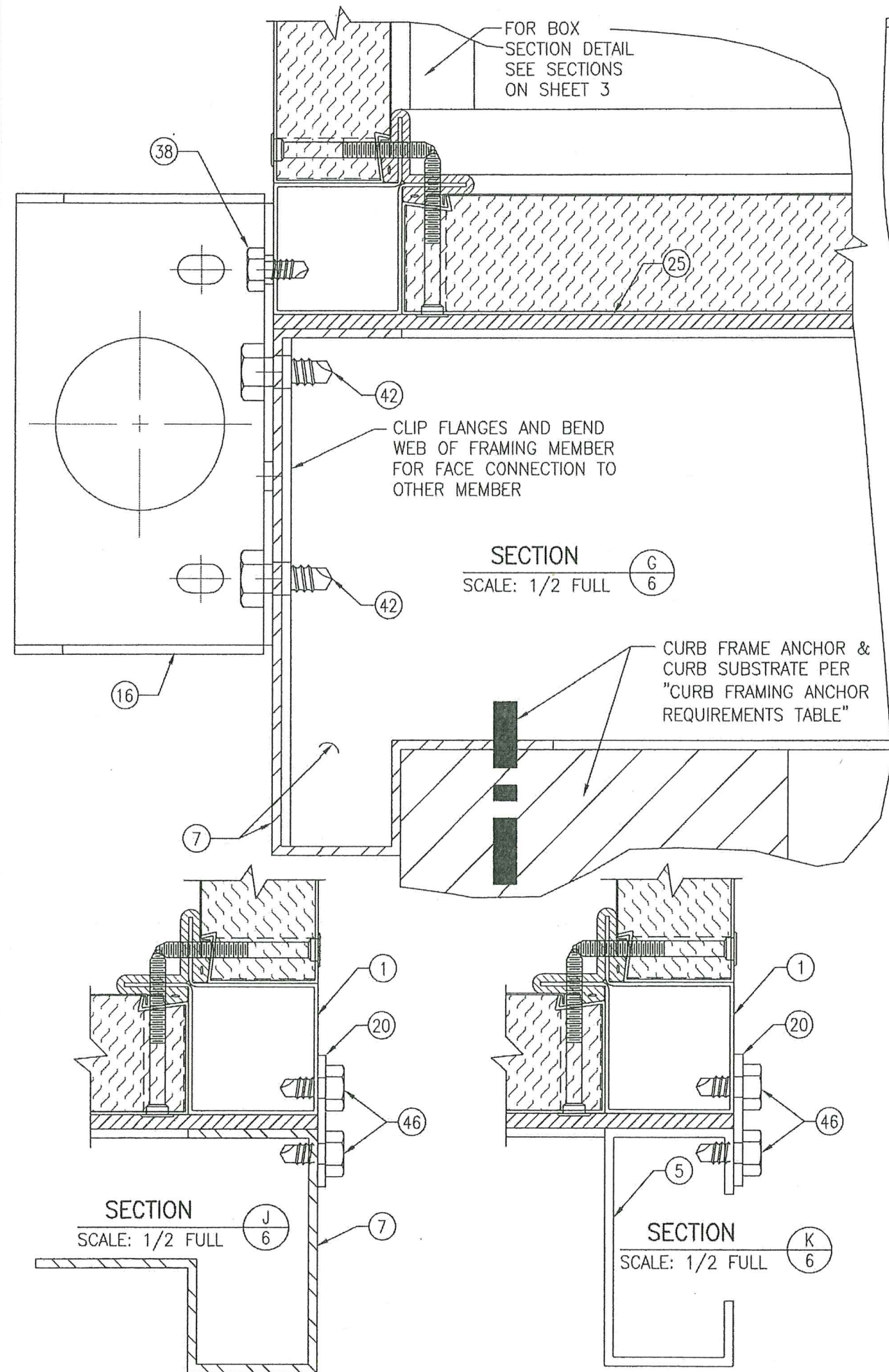
OPTIONAL BASE RAIL INSTALLATION DETAIL  
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS & DETAILS

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 23-0713.16  
Expiration Date 04/17/2028  
By *H. G. A. Miller*  
Miami Data Product Control

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 22-1130.03  
Expiration Date 04/17/2024  
By *H. G. A. Miller*  
Miami Data Product Control

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 08/20/07
DATE	BY
REVISION	DESCRIPTION
NO.	
VISION/SKYLINE AIR HANDLING UNIT	
CONSULTANTS	MANUFACTURER
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	DAIKIN APPLIED
26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424	13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342
CERTIFICATION	PROFESSIONAL
WARREN W. SCHAEFER P.E. NO. 44135	DEC 23 2022
DRAWING NO. 1516	REV. C
SHEET NO. 5	OF 13



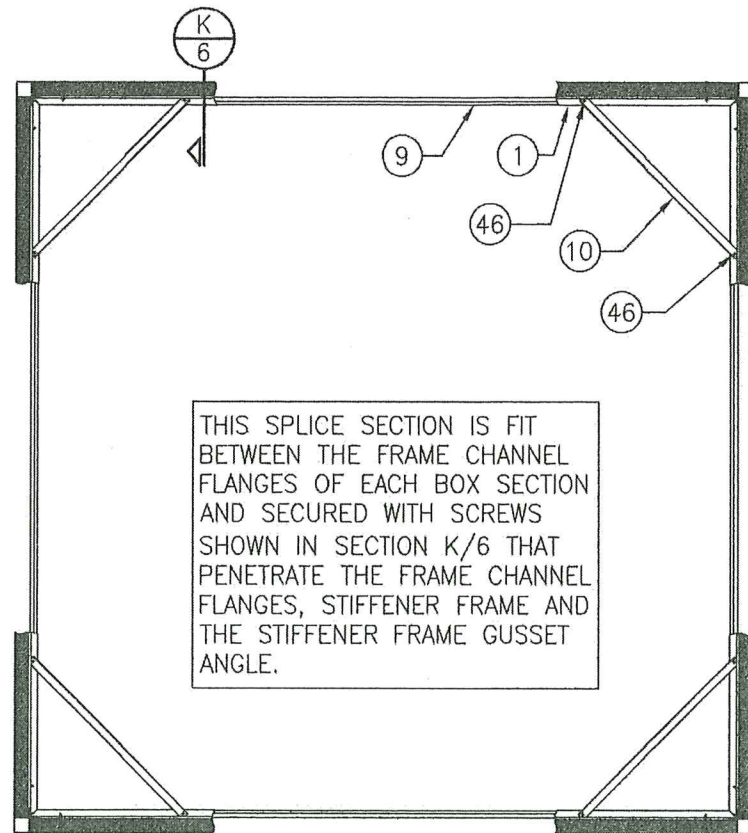


PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 22-1130.03  
Expiration Date 07/17/2024  
By *Healy A. Miller*  
Miami Data Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-0713.16  
Expiration Date 04/17/2028  
By *Healy A. Miller*  
Miami Data Product Control

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 08/20/07	
NO.	REVISION	DESCRIPTION	DATE
<p>DRAWING TITLE: VISION/SKYNE AIR HANDLING UNIT</p> <p>MANUFACTURER: DAIKIN APPLIED</p> <p>13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342</p> <p>CONSULTANTS: W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</p> <p>26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424</p> <p>CERTIFICATION: DEC 23 2022</p> <p>WARREN W. SCHAEFER, P.E. P.E. NO. 44135</p>			
DRAWING NO. 1516		REV. C	
SHEET NO. 6		OF 13	





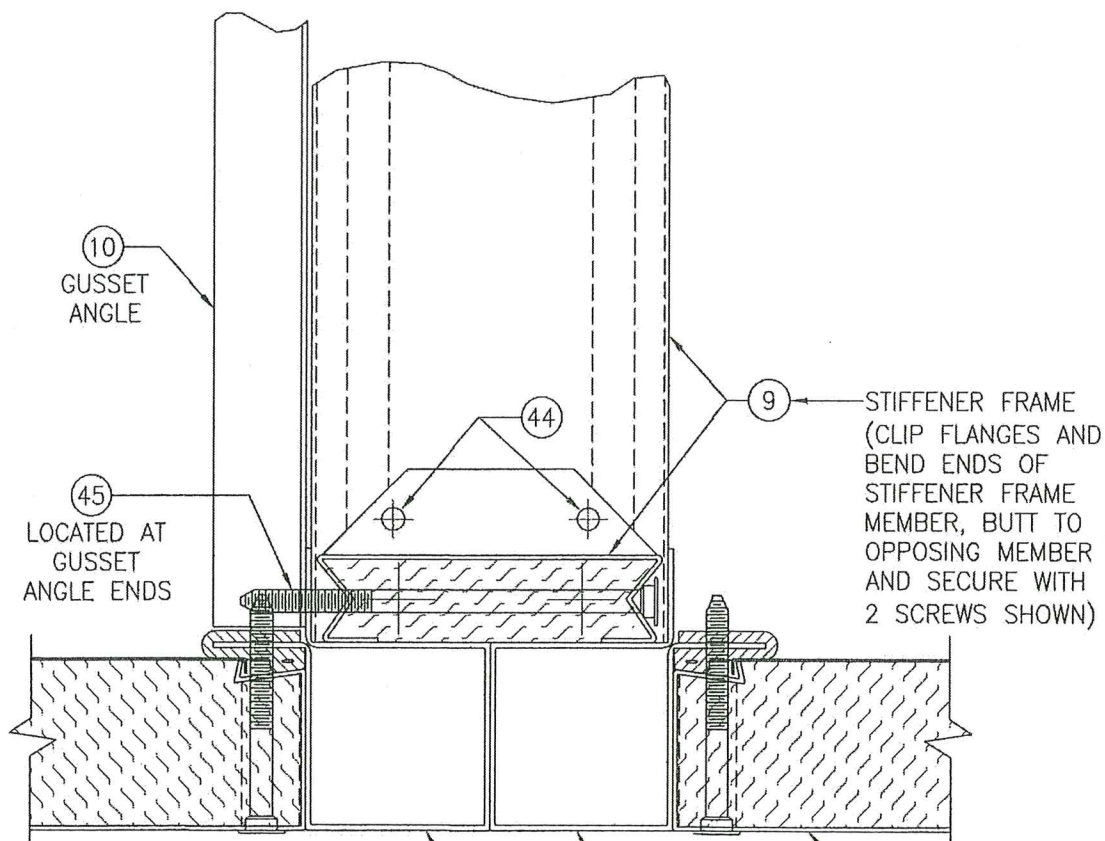
THIS SPLICE SECTION IS FIT BETWEEN THE FRAME CHANNEL FLANGES OF EACH BOX SECTION AND SECURED WITH SCREWS SHOWN IN SECTION K/6 THAT PENETRATE THE FRAME CHANNEL FLANGES, STIFFENER FRAME AND THE STIFFENER FRAME GUSSET ANGLE.

SECTION

SCALE: 1/2 FULL

M  
7

BASE NOT SHOWN FOR CLARITY



SECTION

SCALE: 1/2 FULL

N  
7

FOAM FILLED  
PANEL (REF.)

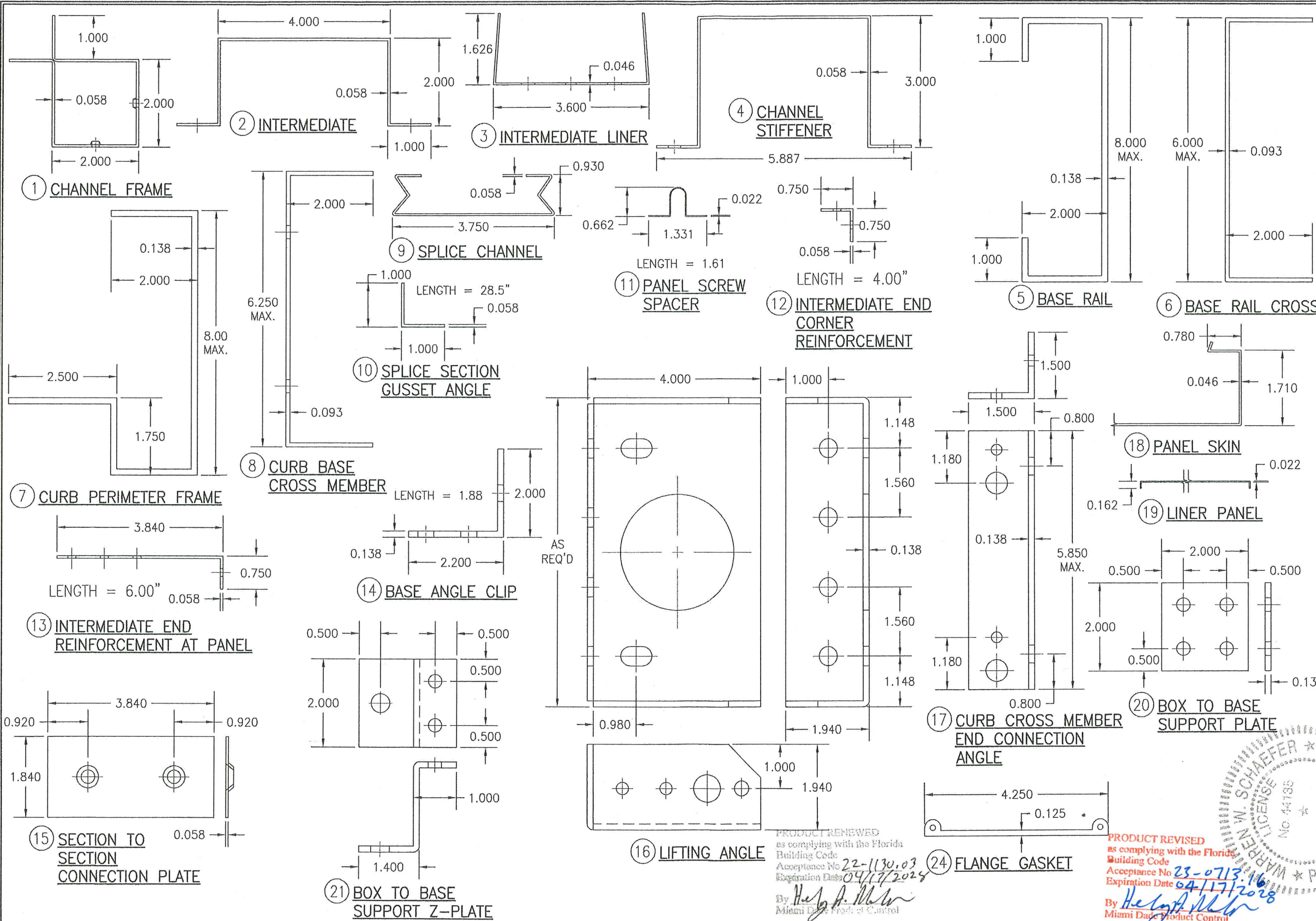
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 23-0713.16  
Expiration Date 04/17/2028  
By *Heidi A. Nelson*  
Miami Design Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No 22-1130.03  
Expiration Date 04/17/2024  
By *Heidi A. Nelson*  
Miami Design Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 08/20/07	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE VISION/SKYLINE AIR HANDLING UNIT			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		MANUFACTURER DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
CERTIFICATION DEC 23 2022		WARREN W. SCHAEFER, P.E. P.E. NO. 44185	
DRAWING NO. 1516	REV. C	SHEET NO. 7 OF 13	





DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 08/20/07	
DATE		BY	
REVISION DESCRIPTION			
NO.			
VISION/SKYLINE AIR HANDLING UNIT			
DAIKIN APPLIED			
13600 INDUSTRIAL PARK BLVD.			
MINNEAPOLIS, MN 55441			
800-432-1342			
MANUFACTURER			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING			
& CONSULTING, P.A. (CA 6809)			
26376 NADIR ROAD, UNIT 309			
PUNTA GORDA, FL 33983			
PHONE: 561-744-3424			
DRAWING TITLE			
VISION/SKYLINE AIR HANDLING UNIT			
CERTIFICATION			
DEC 28 2022			
DRAWING NO. 1516			
SHEET NO. 8 OF 13			
REV. C			
WARREN W. SCHAEFER, P.E.			
P.E. NO. 44135			

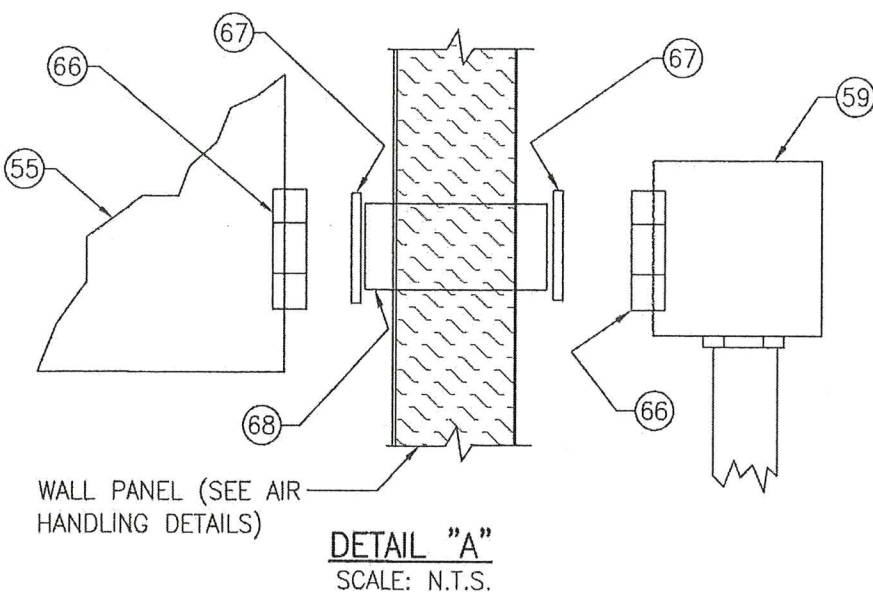
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 22-1130.03  
Expiration Date 04/17/2024  
By *Healy A. Miller*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-0713  
Expiration Date 04/17/2024  
By *Healy A. Miller*  
Miami Dade Product Control









DETAIL "B"  
SCALE: N.T.S.

LENGTH = AS REQ'D FOR NEMA BOX

**60) CONTROL PANEL MOUNTING BRACKET**

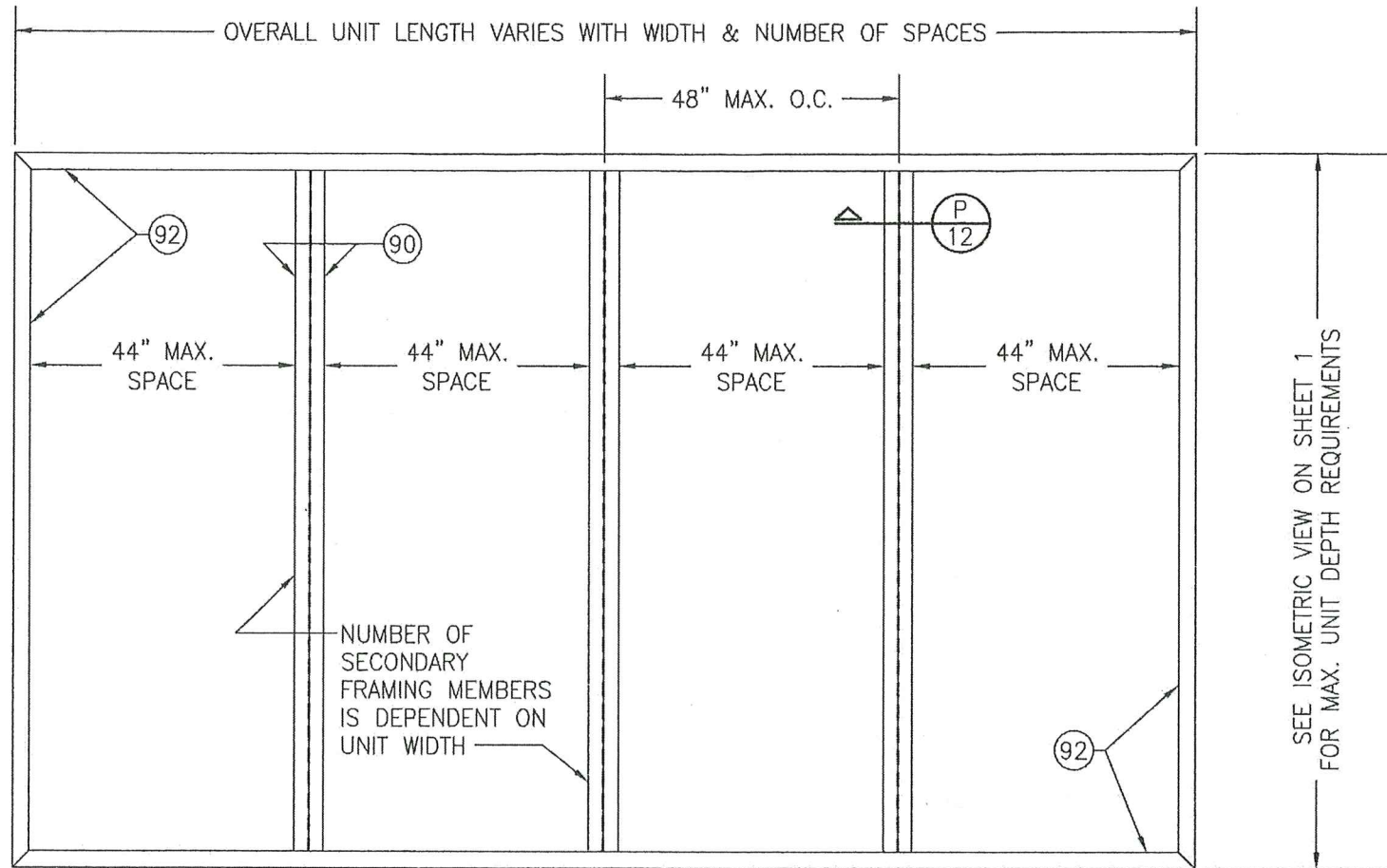
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 23-0713.16  
Expiration Date 04/17/2028  
By Healy A. Miller  
Miami Dade Product Control

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 22-1130.03  
Expiration Date 04/17/2028  
By: *H. A. Miller*  
Miami-Dade Product Control

WARREN W. SCHAEFER ★  
LICENSE  
No. 44135  
STATE OF  
PROFESSIONAL ENGINEER  
CERTIFICATION  
DEC 28 2022  
CONS. W. &  
WARREN W. SCHAEFER, P.E.  
P.E. NO. 44135

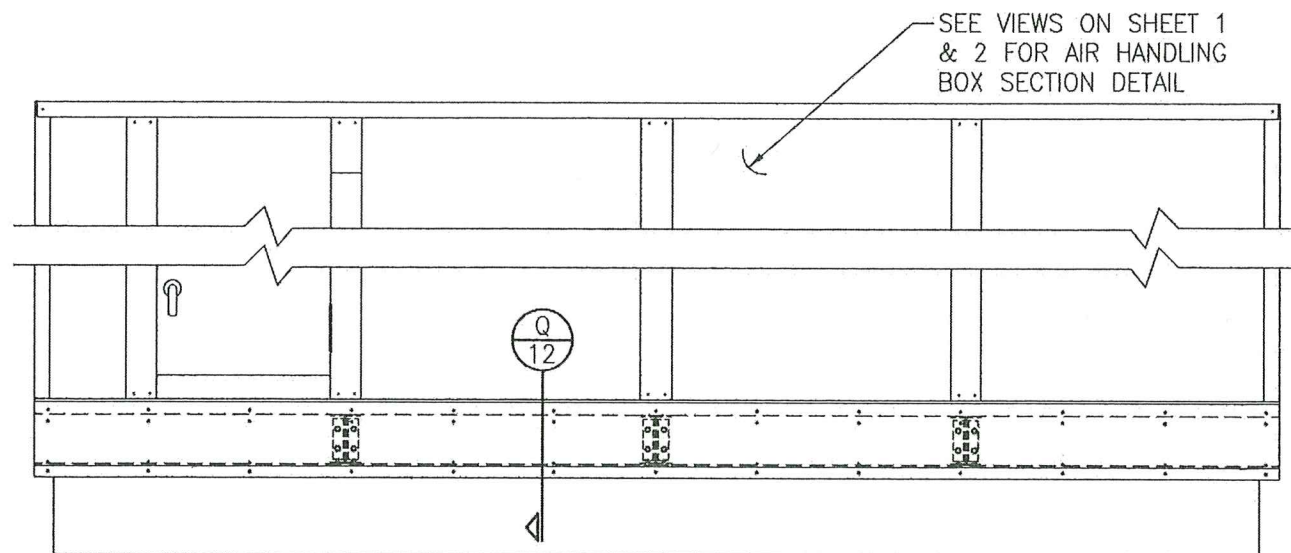
[illegible]





**TOP VIEW; BASE RAIL FRAMING**  
(BASE OPTION 3)  
AIR HANDLING BOX NOT SHOWN FOR CALRTY.

**NOTE:** LIFTING BRACKETS BY DAIKIN APPLIED ARE NOT SHOWN BUT SHALL BE AS REQUIRED FOR LIFTING & HANDLING OF UNIT



**FRONT VIEW; BASE RAIL FRAMING & UNIT INSTALLATION**  
(BASE OPTION 3)

SUPPORTING SUBSTRATE/CURB BY OTHERS. INSTALLATION OF AIR HANDLING UNIT WITH BASE RAIL FRAMING OPTION TO THE SUPPORTING SUBSTRATE SHALL BE AS DESIGNED FOR EACH INDIVIDUAL JOB AND SHALL BE AS CERTIFIED BY A FLORIDA REGISTERED ENGINEER. SAID CERTIFICATION SHALL BE ISSUED TO THE APPLICABLE BUILDING OFFICIAL/PLANS EXAMINER FOR EACH JOB PERMIT.

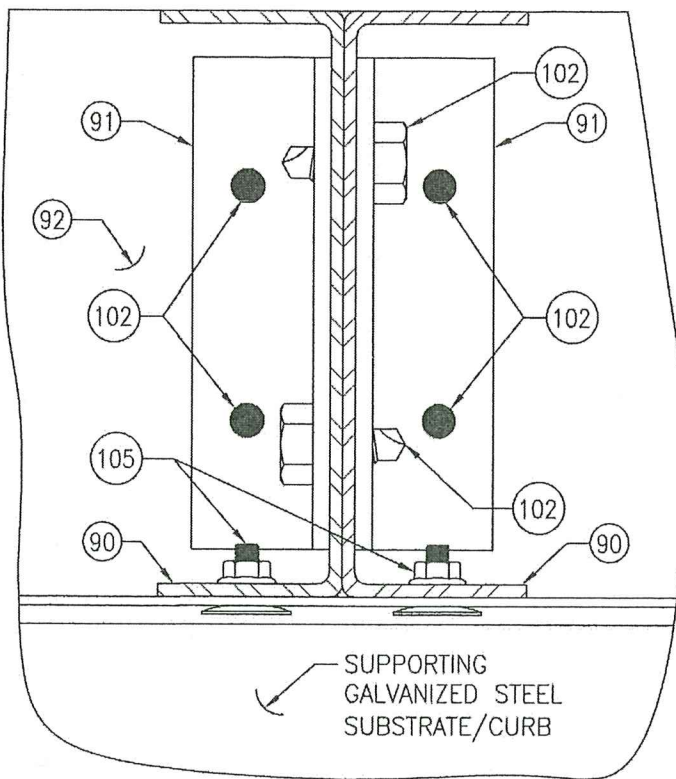
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-0713.16  
Expiration Date 04/17/2028  
By *H. G. A. Miller*  
Miami Data Product Control

PRODUCT RENEWED  
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Building Code  
Acceptance No. 22-1130.03  
Expiration Date 09/17/2024  
By *H. G. A. Miller*  
Miami Data Product Control

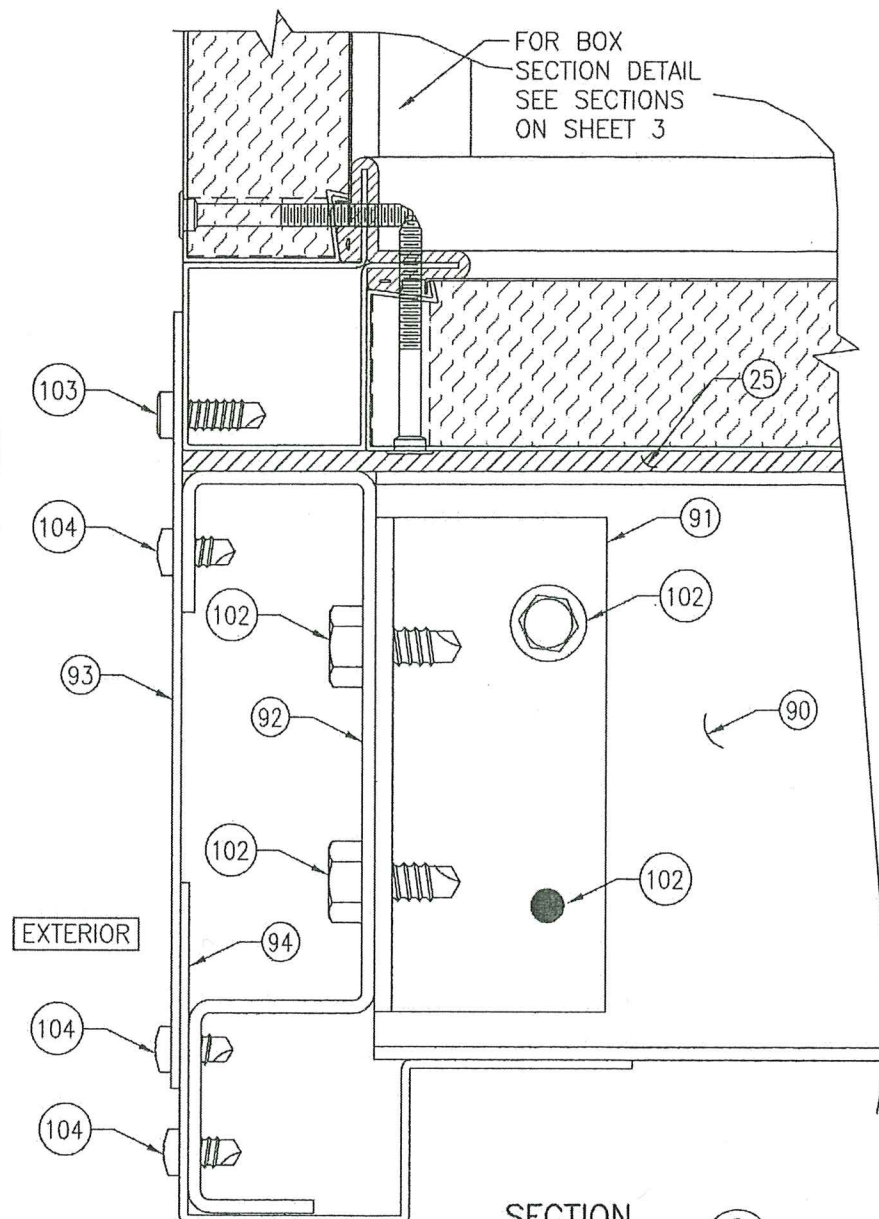


DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 08/20/07	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: VISION/SKYNE AIR HANDLING UNIT		MANUFACTURER: DAIKIN APPLIED	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
26376 NADIR ROAD; UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424			
CERTIFICATION: DEC 23 2022		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1516		REV. C	
SHEET NO. 11		OF 13	





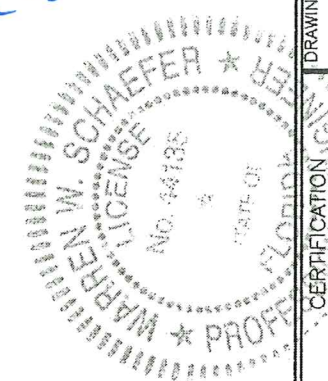
SECTION P  
SCALE: 1/2 FULL  
BOX SECTION NOT SHOWN FOR CLARITY



SECTION Q  
SCALE: 1/2 FULL  
BOX SECTION NOT SHOWN FOR CLARITY

PRODUCT REVISED  
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Building Code  
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By H. G. A. Miller  
Miami Dade Product Control

PRODUCT RENEWED  
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Building Code  
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Expiration Date 09/17/2024  
By H. G. A. Miller  
Miami Dade Product Control



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 08/20/07	
NO.	REVISION	DESCRIPTION	DATE
VISION/SKYLINE AIR HANDLING UNIT			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 26376 NADIR ROAD, UNIT 309 PUNTA GORDA, FL 33983 PHONE: 561-744-3424		DAIKIN APPLIED 13600 INDUSTRIAL PARK BLVD. MINNEAPOLIS, MN 55441 800-432-1342	
CERTIFICATION		DEC 23 2022	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO.		REV.	
1516		C	
SHEET NO.			
12 OF 13			



