



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)

York / Johnson Controls, Inc.
100 JCI Way
York, PA 17406

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: "York Custom", "PACE", "Miller-Picking", Air Handling Units

APPROVAL DOCUMENT: Drawing No. 12-06, titled "York Custom (PACE & Miller-Picking) Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, 19.1, 19.2 prepared by Al-Farooq Corporation, dated December 10, 2012, Last revision #H dated August 02, 2023, signed and sealed by Jalal Farooq, P.E., on August 03, 2023, 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, York, PA or Albany, MO or Hattiesburg, MS 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 #21-0615.09 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

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



Helmy A. Makar
02/22/24

NOA No. 23-1107.01
Expiration Date: 12/26/2028
Approval Date: 02/22/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #12-1213.01

A. DRAWINGS

1. *Drawing No. 12-06, titled "Solution Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, prepared by Al-Farooq Corporation, dated December 10, 2012, last revision #C dated October 01, 2013, signed and sealed by Javad Ahmad, P.E., on November 22, 2013.*

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 Solution Air Handling Unit, prepared by Architectural Testing, Test Report No. C0445.01-801-18, dated 05/30/2013, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Panel and fasteners analysis prepared by Al-Farooq Corporation, dated December 13, 2012, signed and sealed by Javad Ahmad, P.E., on January 22, 2013.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Test report on foam, per ASTM D 1929 and ASTM E 84 of Solution Air Handler Unit, prepared by Architectural Testing, Test Report No. D3012.02-106-18, dated 11/20/2013, signed and sealed by Gary T. Hartman, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #14-0903.01

A. DRAWINGS

1. *Drawing No. 12-06, titled "Solution Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, prepared by Al-Farooq Corporation, dated December 10, 2012, Last revision #D dated August 22, 2014, signed and sealed by Javad Ahmad, 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 Solution Air Handling Unit, prepared by Architectural Testing, Test Report No. D9362.01-109-18, dated 08/19/2014, signed and sealed by Michael D. Stremmel, P.E.*

C. CALCULATIONS

1. *Panel and fasteners analysis, 8 pages, prepared by Al-Farooq Corporation, dated August 22, 2014, signed and sealed by Javad Ahmad, P.E., on August 29, 2014.*



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

NOA No. 23-1107.01

Expiration Date: 12/26/2028

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York / Johnson Controls, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Florida Building Code, 2014 Edition, compliance letter, dated August 26, 2014, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., on August 29, 2014.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #16-0614.07

A. DRAWINGS

1. *Drawing No. 12-06, titled "York Custom (PACE & Miller-Picking) Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, prepared by Al-Farooq Corporation, dated December 10, 2012, Last revision #E dated June 09, 2016, signed and sealed by Javad Ahmad, P.E.*

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. OTHERS

1. *Florida Building Code, 2014 Edition, compliance letter, dated June 09, 2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., on June 10, 2016.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #19-0213.04

A. DRAWINGS

1. *Drawing No. 12-06, titled "York Custom (PACE & Miller-Picking) Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, prepared by Al-Farooq Corporation, dated December 10, 2012, Last revision #F dated Sep. 19, 2018, signed and sealed by Javad Ahmad, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1107.01
Expiration Date: 12/26/2028
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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. OTHERS

1. *Florida Building Code, 2017 Edition, compliance letter, dated Sep. 07, 2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., on October 15, 2018.*

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-0615.09

A. DRAWINGS

1. *Drawing No. 12-06, titled "York Custom (PACE & Miller-Picking) Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, 19.1, 19.2 prepared by Al-Farooq Corporation, dated December 10, 2012, Last revision #G dated May 20, 2021, signed and sealed by Jalal Farooq, P.E., on May 24, 2021.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

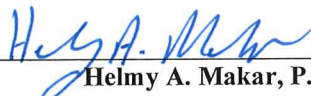
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. OTHERS

1. *Florida Building Code, 2020 Edition, compliance letter, dated May 17, 2021, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on May 24, 2021.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1107.01
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 12-06, titled "York Custom (PACE & Miller-Picking) Air Handling Unit", sheets 1 through 19 of 19, and 7.1, 11.1, 11.2, 19.1, 19.2 prepared by Al-Farooq Corporation, dated December 10, 2012, Last revision #H dated August 02, 2023, signed and sealed by Jalal Farooq, P.E., on August 03, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

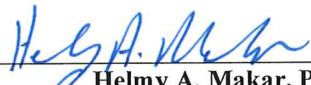
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

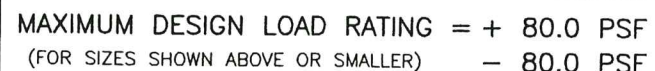
F. OTHERS

1. *Florida Building Code, 2023 Edition, compliance letter, dated August 03, 2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on August 03, 2023.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-1107.01
Expiration Date: 12/26/2028
Approval Date: 02/22/2024

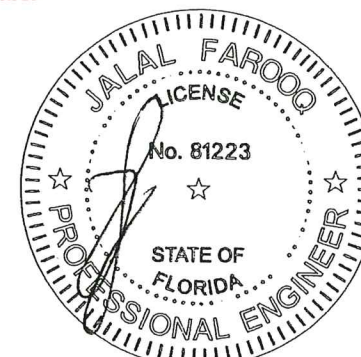
Exterior Walls: 18 GA Steel or 0.08" Thk Alum Min
Exterior Roof: 20 GA Steel Min
Interior Walls & Roof: 22 GA Steel Min



* NOTE: MAX HEIGHT
TO PEAK OF SLOPED ROOF
** NOTE: 2" CURB ANGLE

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION A-36 AND STEEL SHEET SHALL CONFORM TO ASTM DESIGNATION A-653, GALVANIZED WITH A COATING DESIGNATION OF G90.
MIN. $F_y = 48,380$ PSI.
3. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
4. ELECTRICAL AND MECHANICAL DETAILS ARE NOT PART OF THIS APPROVAL.
5. POLYURETHANE SHALL BE RIGID FOAM MIN. DENSITY #2 C.F.
6. MAX. FLAME SPREAD RATING = 0 AS PER ASTM E-84.
SMOKE DEVELOPED INDEX = 135.
SPONTANEOUS-IGNITION TEMPERATURE = 860°F.
7. ALL STEEL TO BE SHOP PRIMED BEFORE ASSEMBLY.
8. MIN. SOIL BEARING CAPACITY = 2500 PSF.
9. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
10. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1107.01
Expiration Date 12/26/2028
By H. J. A. [Signature]
Miami Dade Product Control



YORK Custom (PACE & Miller-Picking) Air Handler Unit

YORK Custom (PACE & Miller-Picking) Air Handlers
YORK/JOHNSON CONTROLS INC.
1499 EAST PHILADELPHIA STREET
YORK, PA. 17403

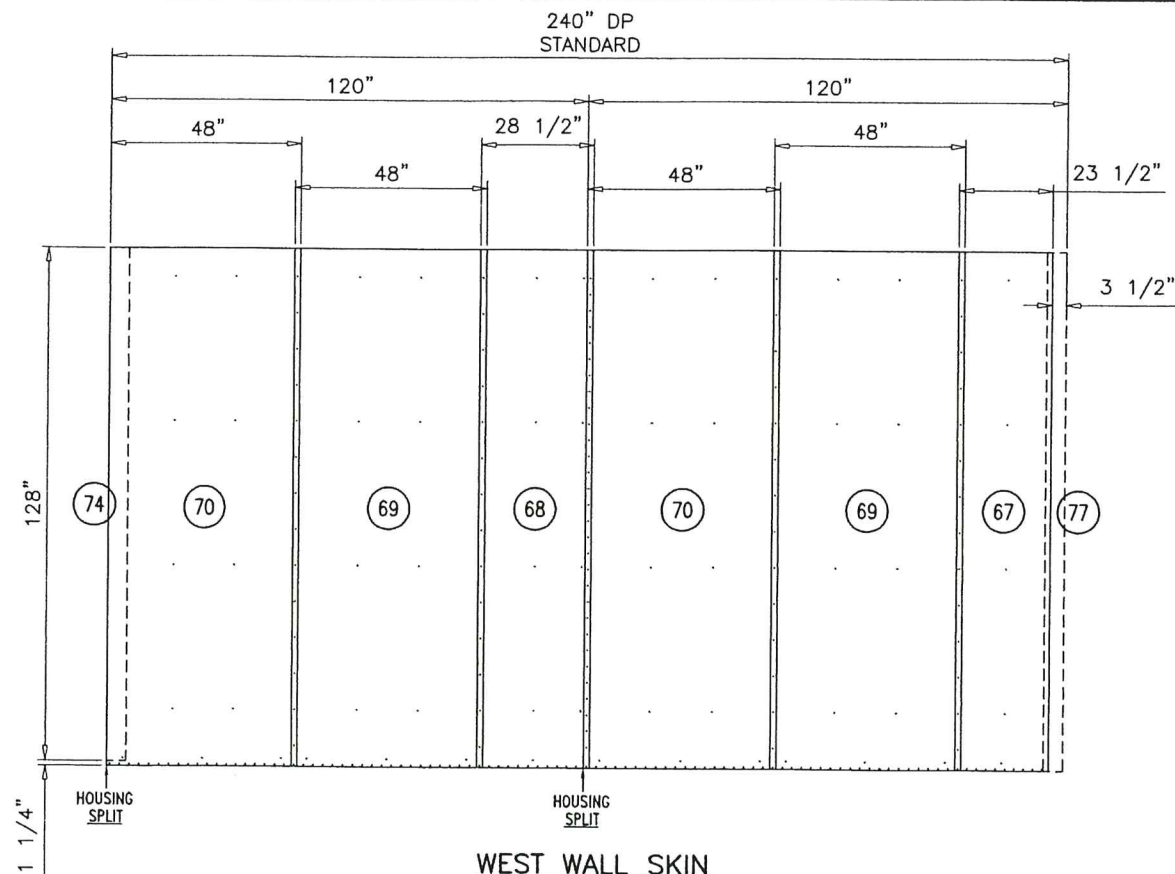
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

revisions:		
	no	date
E	06.09.16	
F	09.19.18	
G	05.20.21	
H	08.02.23	

date: 12-10-12
scale: 1/8"=1'-0"
dr. by: TARIQ
cbl. by:

drawing no

sheet 1 of 19

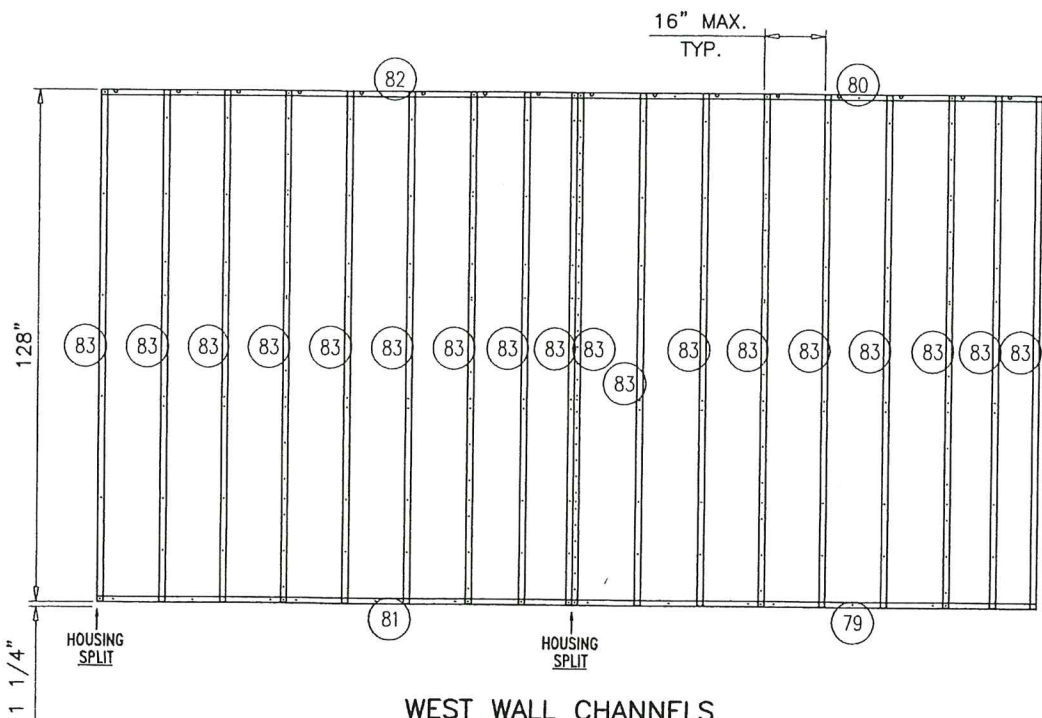


WEST WALL SKIN

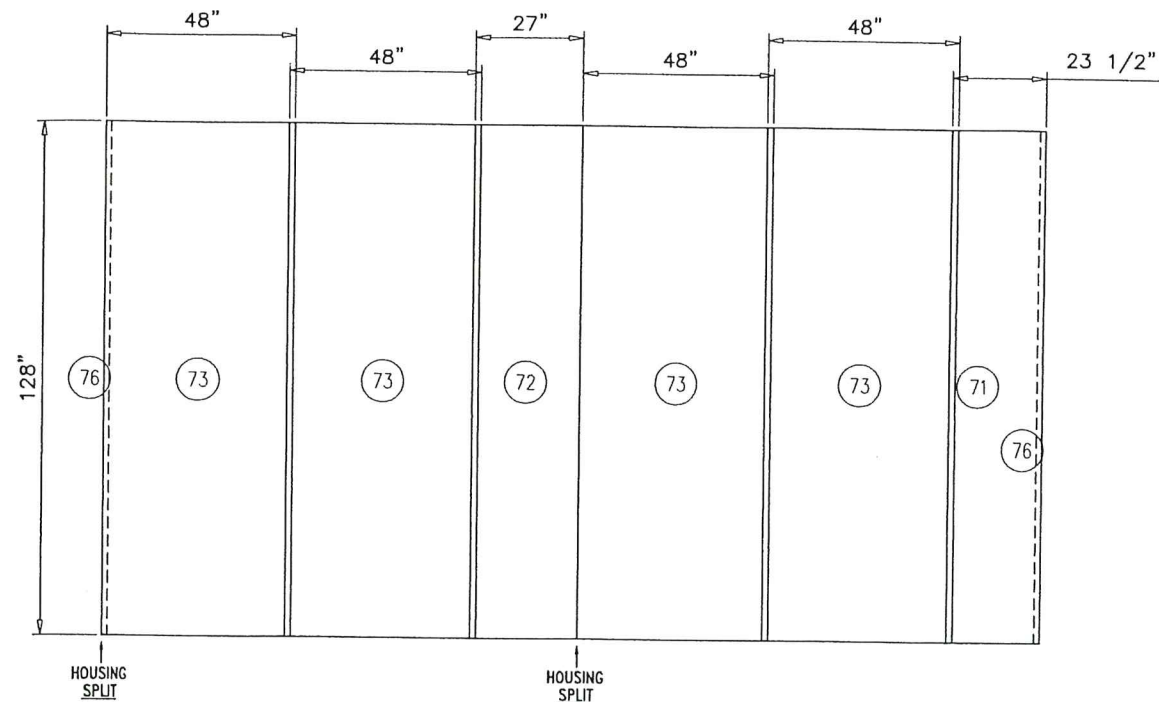
18 GA (.045 THK.) MIN. STEEL OR .080 THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".



WEST WALL CHANNELS



WEST WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

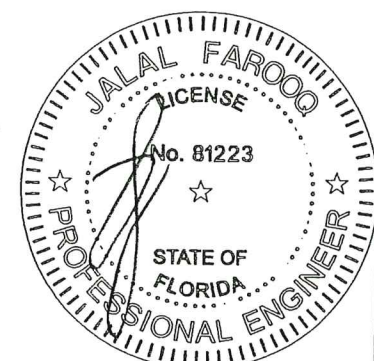
GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

LEVEL	ITEM	* PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
66			1	WALL ASSEMBLY	WEST WALL: 240.00 X 128.00		1
74			1	C: CORNER-CAP3	9.44W X 128.00L X AL,3105H14,.040		1
77			1	C: CORNER-CAP3	9.44W X 129.25L X AL,3105H14,.040		1
76			2	C: CORNER-LINER	2.65W X 127.94L X SHEET, GLV, G90, 16GA		2
67			1	C: EXT-SKIN-O	23.50W X 129.25L X AL,3105H14,.040		1
68			1	C: EXT-SKIN-O	28.50W X 129.25L X AL,3105H14,.040		1
69			2	C: EXT-SKIN-O	48.00W X 129.25L X AL,3105H14,.040		2
70			2	C: EXT-SKIN-O	48.00W X 129.25L X AL,3105H14,.040		2
71			1	C: INT-LINER-O	23.47W X 127.94L X SHEET, GLV, G90, 22GA		1
72			1	C: INT-LINER-O	26.97W X 127.94L X SHEET, GLV, G90, 22GA		1
73			4	C: INT-LINER-O	48.00W X 127.94L X SHEET, GLV, G90, 22GA		4
79			1	C: SC1.41X3.13-O	5.75W X 116.50L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
80			1	C: SC1.41X3.13-O	5.75W X 116.50L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
81			1	C: SC1.41X3.13-O	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
82			1	C: SC1.41X3.13-O	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
83			18	C: SC1.50X2.94-O	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		18

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1107.01
Expiration Date 12/26/2028
By *[Signature]*
Miami Dade Product Control

AUG 03 2023



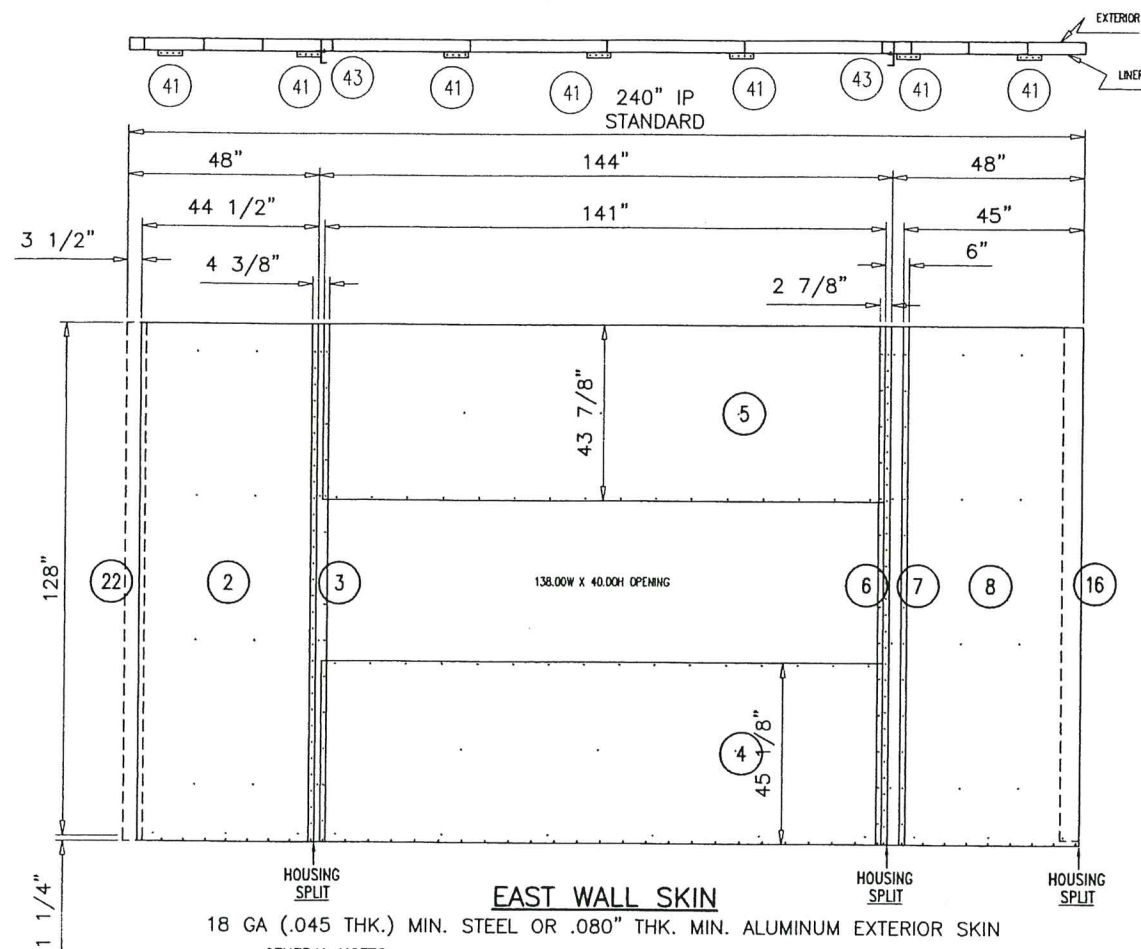
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

YORK Custom (PACE & Miller-Picking) Air Handler Unit
YORK/JOHNSON CONTROLS INC.
1499 EAST PHILADELPHIA STREET
YORK, PA. 17403
TEL. (717) 815-4218 FAX. (717) 815-4198

revisions:	no	date	by	description
	E	06.09.16		SERIES NAME REV.
	F	09.19.18		NO CHANGE THIS SHEET
	G	05.20.21		EDITORIAL CHANGES ONLY
	H	08.02.23		NO CHANGE THIS SHEET

date: 12-10-12
scale: 1/4"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
12-06
sheet 2 of 19



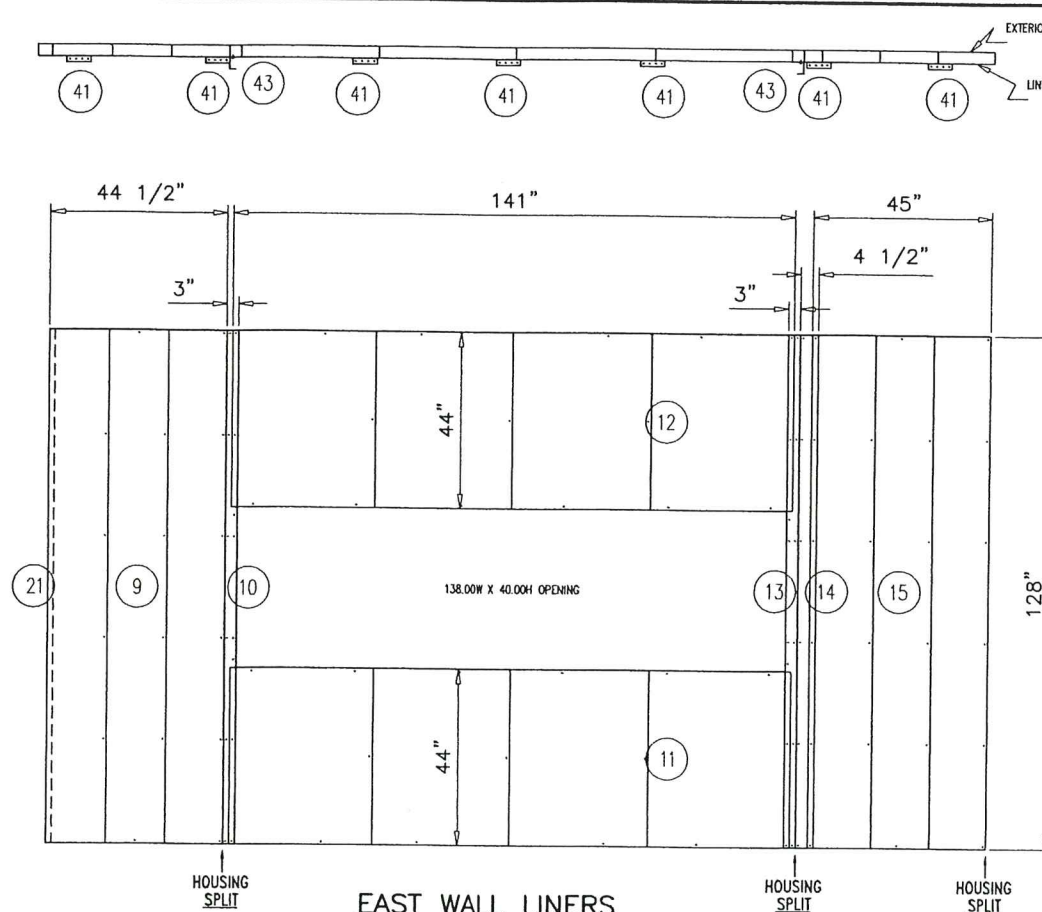
EAST WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

SEE SHEET 12 FOR WALL OPNG. SIZING AND ASSEMBLY GUIDELINES
SEE SHEET 17 FOR WEATHER HOOD SIZING, CONSTRUCTION AND CONFIGURATIONS GUIDELINES



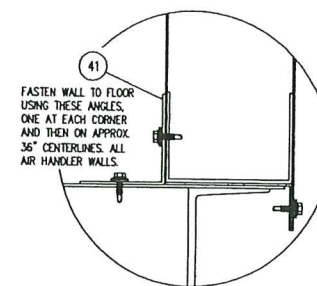
EAST WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

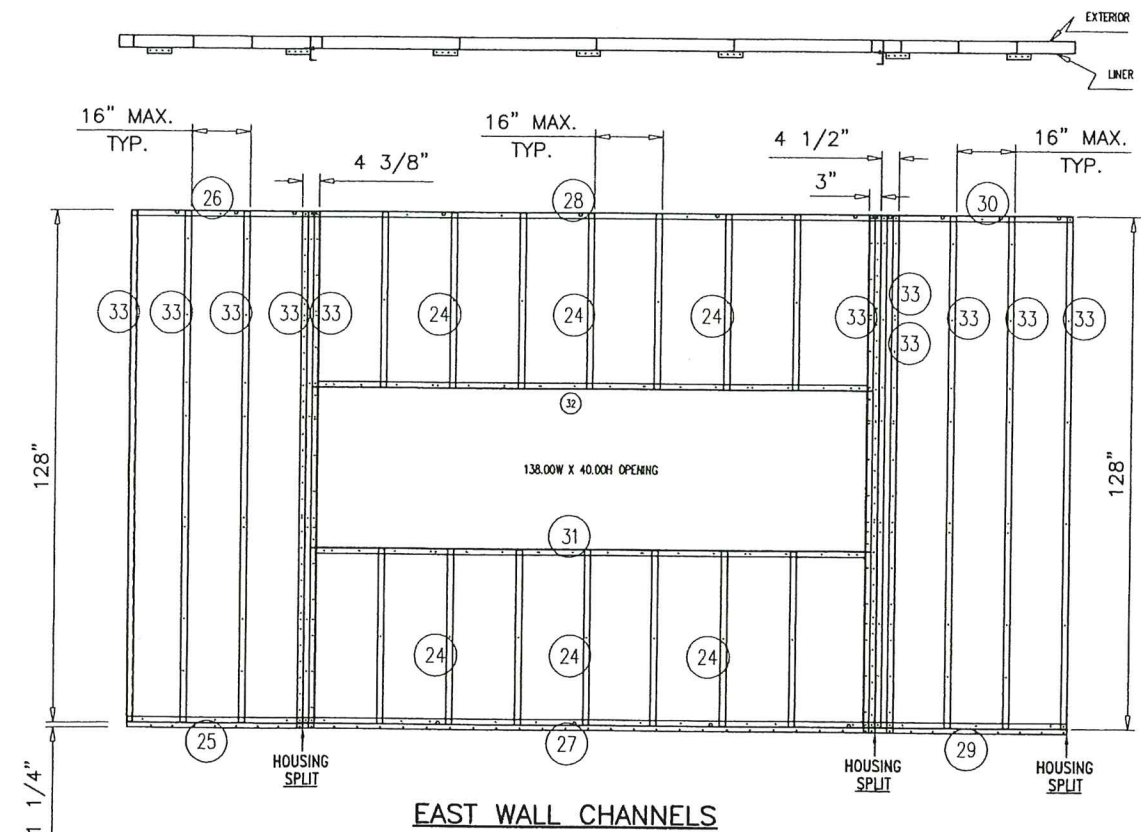
GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

40 WALL TO FLOOR TIE DOWN



FASTEN WALL TO FLOOR USING THESE ANGLES, ONE AT EACH CORNER AND THEN ON APPROX. 36" CENTERLINES. ALL AIR HANDLER WALLS.

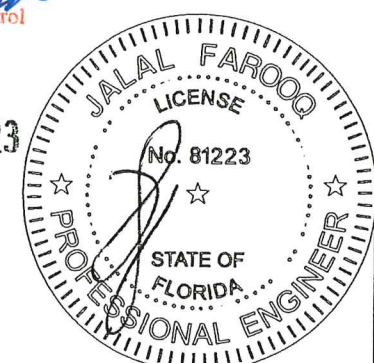


EAST WALL CHANNELS

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	1		1	WALL ASSEMBLY	EAST WALL: 240.00 X 128.00		1
	16		1	C: CORNER-CAP3	9.40W X 128.00L X SHEET, GLV, G90, 16GA		1
	22		1	C: CORNER-CAP3	9.40W X 129.25L X SHEET, GLV, G90, 16GA		1
	21		2	C: CORNER-LINER	2.65W X 127.94L X SHEET, GLV, G90, 16GA		2
	2		1	C: EXT-SKIN-O	44.50W X 129.25L X SHEET, GLV, G90, 18GA		1
	3		1	C: EXT-SKIN-O	4.38W X 129.25L X SHEET, GLV, G90, 18GA		1
	4		1	C: EXT-SKIN-O	141.00W X 45.13L X SHEET, GLV, G90, 18GA		1
	5		1	C: EXT-SKIN-O	141.00W X 43.88L X SHEET, GLV, G90, 18GA		1
	6		1	C: EXT-SKIN-O	2.88W X 129.25L X SHEET, GLV, G90, 18GA		1
	7		1	C: EXT-SKIN-O	6.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	8		1	C: EXT-SKIN-O	45.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	43		2	C: F1.50-O	6.64W X 130.64L X SHEET, GLV, G90, 12GA		2
	9		1	C: INT-LINER-O	44.44W X 127.94L X SHEET, GLV, G90, 22GA		1
	10		1	C: INT-LINER-O	2.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	11		1	C: INT-LINER-O	141.00W X 43.94L X SHEET, GLV, G90, 22GA		1
	12		1	C: INT-LINER-O	141.00W X 43.94L X SHEET, GLV, G90, 22GA		1
	13		1	C: INT-LINER-O	2.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	14		1	C: INT-LINER-O	4.44W X 127.94L X SHEET, GLV, G90, 22GA		1
	15		1	C: INT-LINER-O	44.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	25		1	C: SC1.41X3.13-O	5.75W X 44.50L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	26		1	C: SC1.41X3.13-O	5.75W X 44.50L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	27		1	C: SC1.41X3.13-O	5.75W X 144.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	28		1	C: SC1.41X3.13-O	5.75W X 144.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	29		1	C: SC1.41X3.13-O	5.75W X 48.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	30		1	C: SC1.41X3.13-O	5.75W X 48.00L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		1
	42		2	C: SC1.50X2.94	5.58W X 127.75L X SHEET, GLV, G90, 12GA		2
	24		6	C: SC1.50X2.94-O	5.74W X 43.75L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		6
	31		1	C: SC1.50X2.94-O	5.74W X 138.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	32		1	C: SC1.50X2.94-O	5.74W X 138.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	33		11	C: SC1.50X2.94-O	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		11
	18		1	SUPPORT ASSY	PERMANENT ROOF SUPPORT ASSY	5.01	1
	19		1	C: ROOF-COLUMN	12.03W X 127.75L X SHEET, GLV, G90, 12GA		1
	20	* 091 20006 001	2	END CAP	CAP, PERM_POST, YC, 12GA, G90	YC86-010	2
	40		1	TIE DOWNS	WALL TO FLOOR TIE DOWN PARTS	5.01	1
	41		30	TIE DOWN PLATES	2.82 X 6.00 X SHEET, GLV, G90, 12GA		30
	42		1	BRACING	DISCHARGE/INLET OPENINGS	5.01	1
	43		1	BRACING SUPPORT	6.64 X 130.64 X SHEET, GLV, G90, 12GA		30

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-1107.01
Expiration Date 12/26/2028
By *Heidi A. Miller*
Miami Data Product Control

AUG 03 2023



YORK Custom (PACE & Miller-Picking) Air Handler Unit
YORK/JOHNSON CONTROLS INC.
1499 EAST PHILADELPHIA STREET
YORK, PA. 17403
TEL. (717) 815-4218 FAX. (717) 815-4198

revisions:	no	date	by	description
	E	06.09.16		SERIES NAME REV.
	F	09.19.18		NO CHANGE THIS SHEET
	G	05.20.21		EDITORIAL CHANGES ONLY
	H	08.02.23		NO CHANGE THIS SHEET

date: 12-10-12
scale: 1/4"=1'-0"
dr. by: TARIO
chk. by:

drawing no.

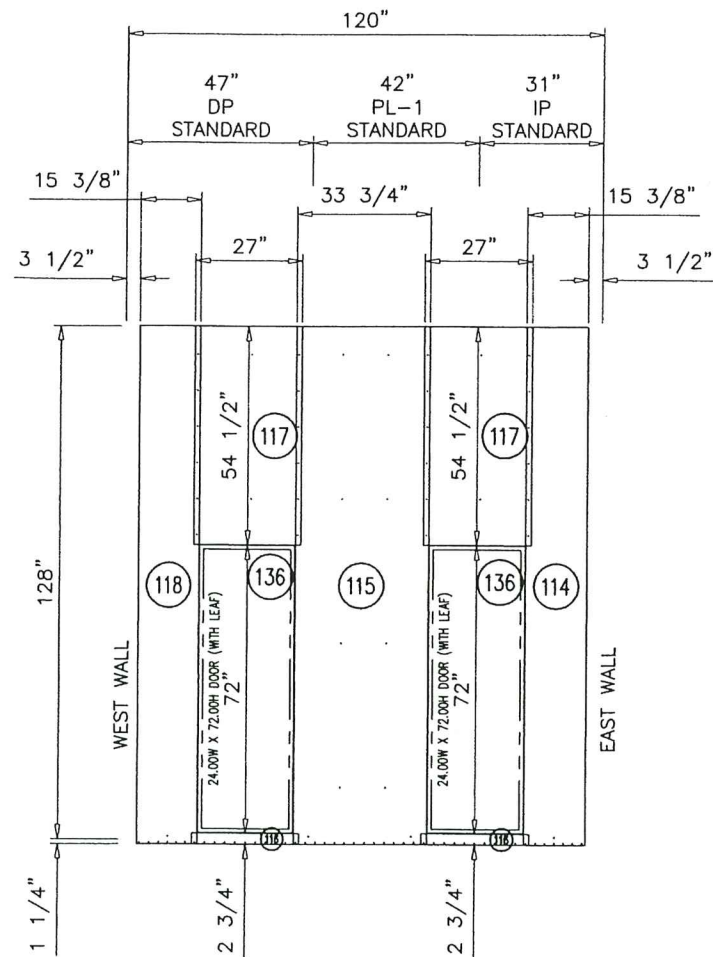
12-06

sheet 3 of 19

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COOLER\12-06YIC

ALL DIMENSIONS SHOWN ARE IN INCHES.

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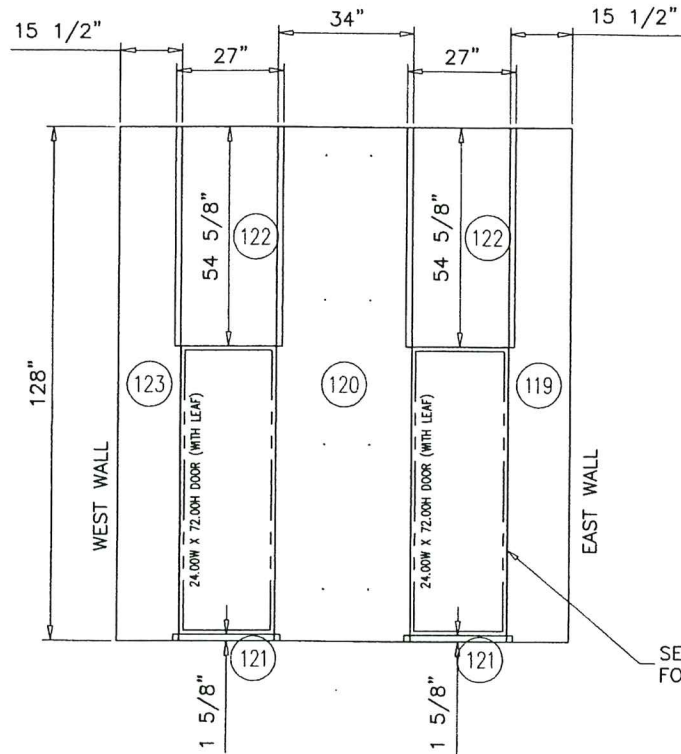


NORTH WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".



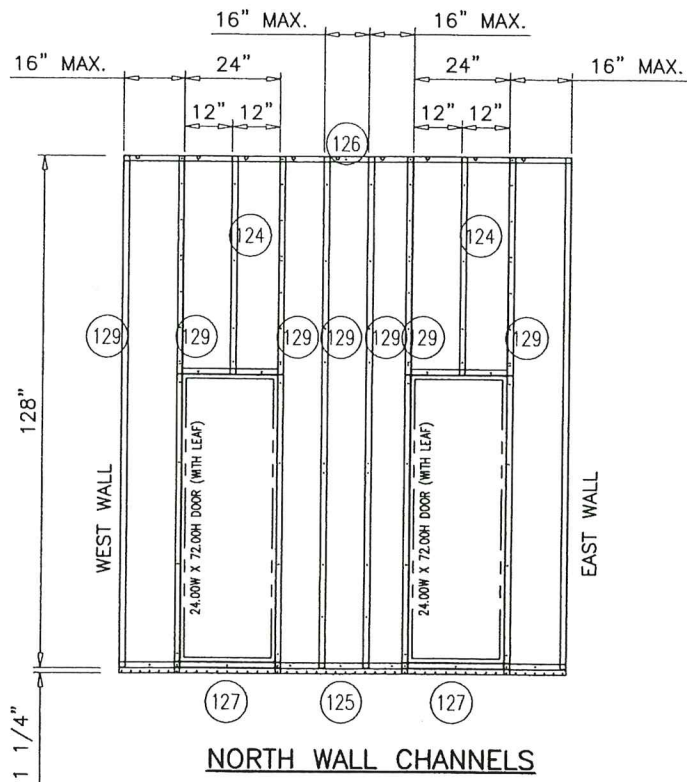
NORTH WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

SEE SHEET 11
FOR DOOR ATTACHMENT SCREWS

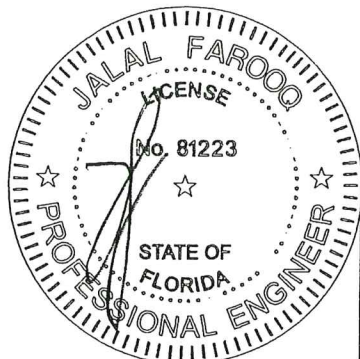


NORTH WALL CHANNELS

LEVEL	ITEM	* PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	113		1	WALL ASSEMBLY	NORTH WALL: 120.00 X 128.00		1
	114		1	C: EXT-SKIN-O	15.38W X 129.25L X AL, 3105H14, .040		1
	115		1	C: EXT-SKIN-O	33.75W X 129.25L X AL, 3105H14, .040		1
	116		2	C: EXT-SKIN-O	27.00W X 2.75L X AL, 3105H14, .040		2
	117		2	C: EXT-SKIN-O	27.00W X 54.50L X AL, 3105H14, .040		2
	118		1	C: EXT-SKIN-O	15.38W X 129.25L X AL, 3105H14, .040		1
	119		1	C: INT-LINER-O	15.44W X 127.94L X SHEET, GLV, G90, 22GA		1
	120		1	C: INT-LINER-O	33.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	121		2	C: INT-LINER-O	27.00W X 1.56L X SHEET, GLV, G90, 22GA		2
	122		2	C: INT-LINER-O	27.00W X 54.56L X SHEET, GLV, G90, 22GA		2
	123		1	C: INT-LINER-O	15.44W X 127.94L X SHEET, GLV, G90, 22GA		1
	136		2	C: RAIN-LIP	2.57W X 25.75L X AL, 3105H14, .040		2
	125		1	C: SC1.41X3.13-O	5.75W X 113.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	126		1	C: SC1.41X3.13-O	5.75W X 113.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	124		2	C: SC1.50X2.94-O	5.74W X 54.38L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		2
	127		2	C: SC1.50X2.94-O	5.74W X 24.00L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		2
	128		2	C: SC1.50X2.94-O	5.74W X 24.00L X CHANNEL, RF, 16GA, GLV, 5.67W_FL		2
	129		8	C: SC1.50X2.94-O	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		8

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By *H. G. Miller*
Miami Data Product Control

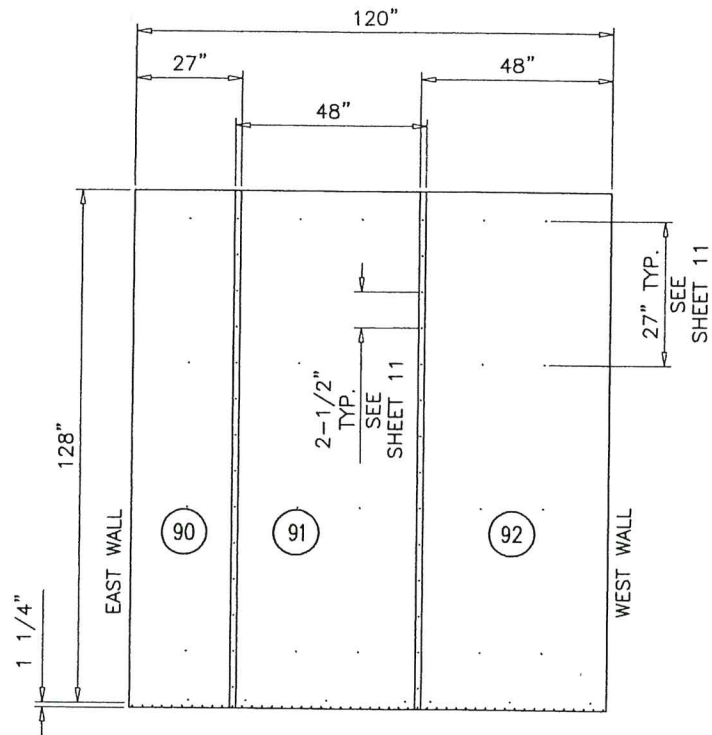
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COOLER 12-06YIC

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dr. by:	TARIQ			
chk. by:				
drawing no.	12-06			
sheet	4 of 19			

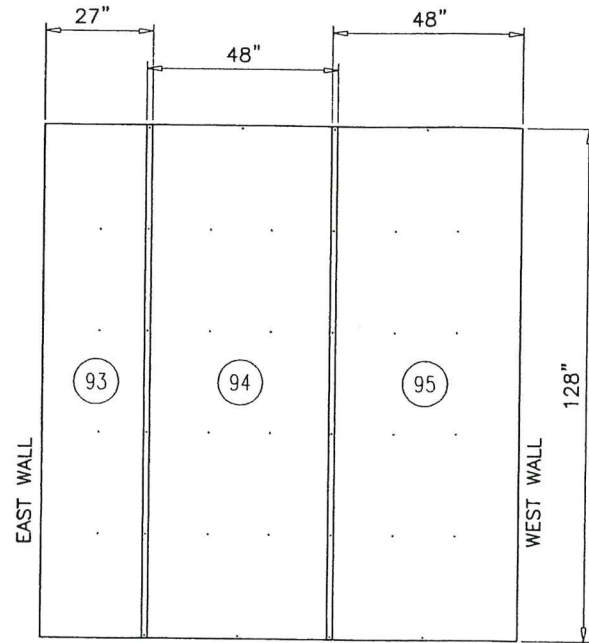


SOUTH WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

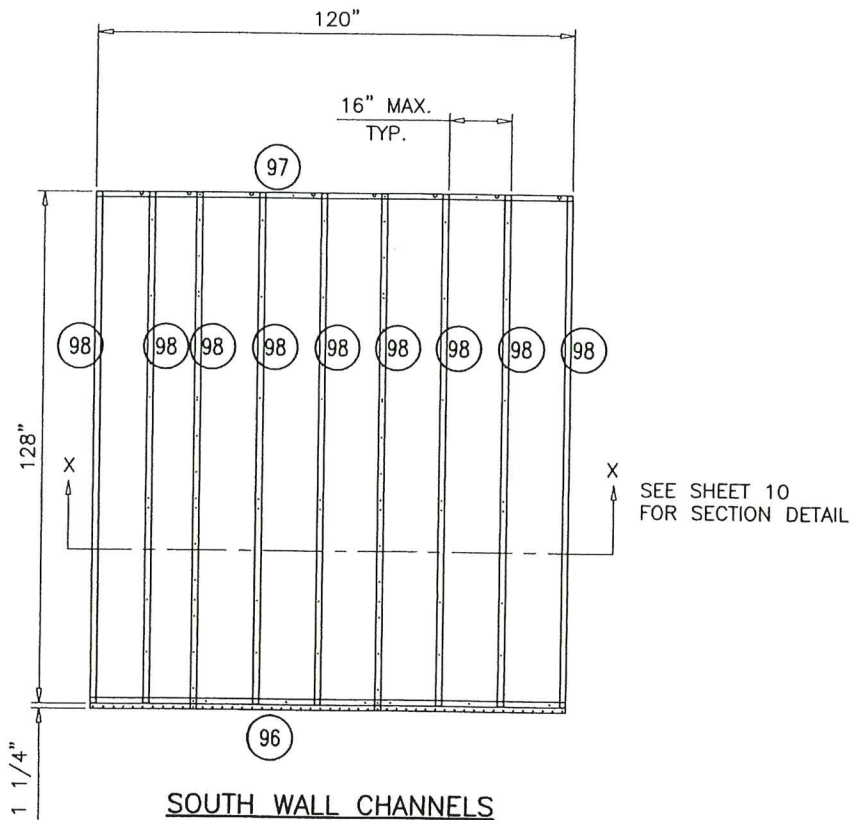


SOUTH WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

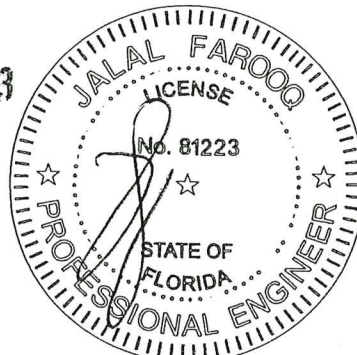


SOUTH WALL CHANNELS

LEVEL	ITEM	*PART NO. *=Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	89		1	WALL ASSEMBLY	SOUTH WALL: 120.00 X 128.00		1
	103	391 20002 002	29CF	OCR #574	FOAM MIX, PART A,B, & FREON		29CF
	90		1	C:EXT-SKIN-0	27.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	91		1	C:EXT-SKIN-0	48.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	92		1	C:EXT-SKIN-0	48.00W X 129.25L X SHEET, GLV, G90, 18GA		1
	93		1	C:INT-LINER-0	26.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	94		1	C:INT-LINER-0	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	95		1	C:INT-LINER-0	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	96		1	C:SC1.41X3.13-0	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	97		1	C:SC1.41X3.13-0	5.75W X 120.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	98		9	C:SC1.50X2.94-0	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		9

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By *[Signature]*
Miami Dade Product Control

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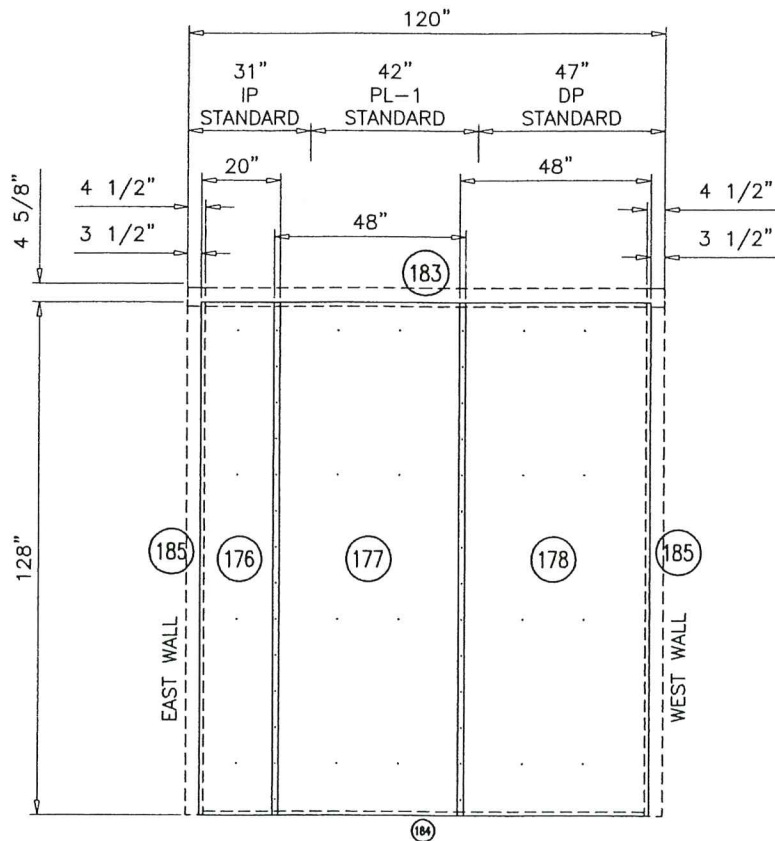
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dr. by: TARIQ
chk. by:

drawing no.
12-06
sheet 5 of 19

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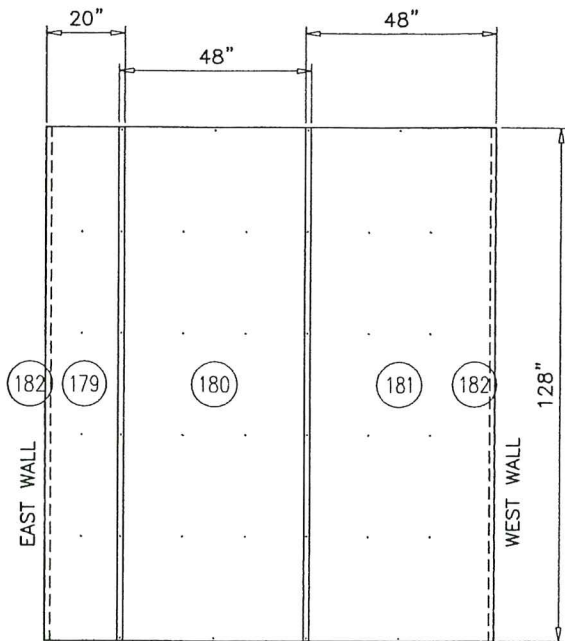


VESTIBULE/CORRIDOR WALL SKIN

18 GA (.045 THK.) MIN. STEEL OR .080" THK. MIN. ALUMINUM EXTERIOR SKIN

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".

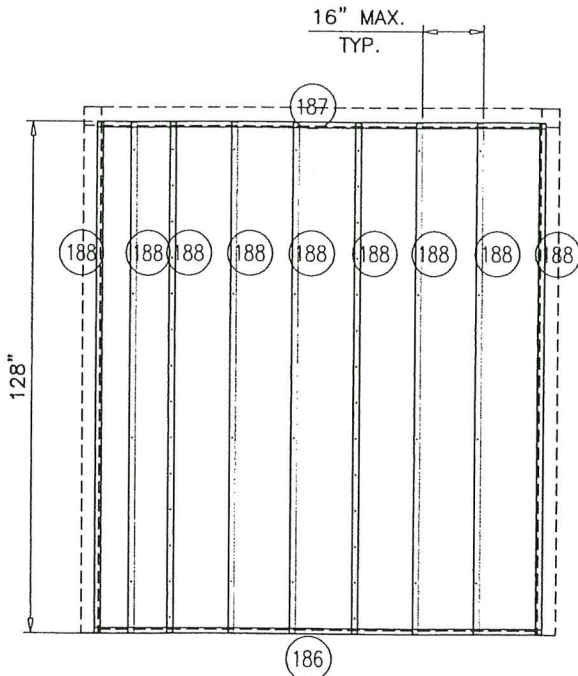


VESTIBULE/CORRIDOR WALL LINERS

22 GA (.028 THK.) MIN. G90 GALV. STEEL SKIN ON THE INTERIOR SIDE

GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

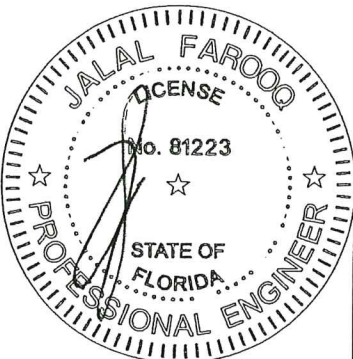


VESTIBULE/CORRIDOR WALL CHANNELS

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	175		1	WALL ASSEMBLY	CORRIDOR WALL: 120.00 X 128.00		1
	184		1	C: ATTACH-ANGLE	1.94W X 111.00L X SHEET, GLV, G90, 20GA		1
	182		2	C: CORNER-LINER	2.65W X 127.94L X SHEET, GLV, G90, 16GA		2
	176		1	C: EXT-SKIN-O	20.00W X 128.00L X SHEET, GLV, G90, 20GA		1
	177		1	C: EXT-SKIN-O	48.00W X 128.00L X SHEET, GLV, G90, 20GA		1
	178		1	C: EXT-SKIN-O	48.00W X 128.00L X SHEET, GLV, G90, 20GA		1
	179		1	C: INT-LINER-O	19.94W X 127.94L X SHEET, GLV, G90, 22GA		1
	180		1	C: INT-LINER-O	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	181		1	C: INT-LINER-O	47.97W X 127.94L X SHEET, GLV, G90, 22GA		1
	186		1	C: SC1.41X3.13-O	5.75W X 113.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	187		1	C: SC1.41X3.13-O	5.75W X 113.00L X CHANNEL, RF, 16GA, GLV, 5.67W_F		1
	188		9	C: SC1.50X2.94-O	5.74W X 127.75L X CHANNEL, RF, 16GA, GLV, 5.67W_F		9
	185		2	C: SEAL-ANGLE	5.94W X 131.63L X SHEET, GLV, G90, 20GA		2
	183		1	C: SEAL-ANGLE-2	6.57W X 120.00L X SHEET, GLV, G90, 20GA		1

AUG 03 2023

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Building Code
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By *H. G. A. M. M.*
Miami Date Product Control

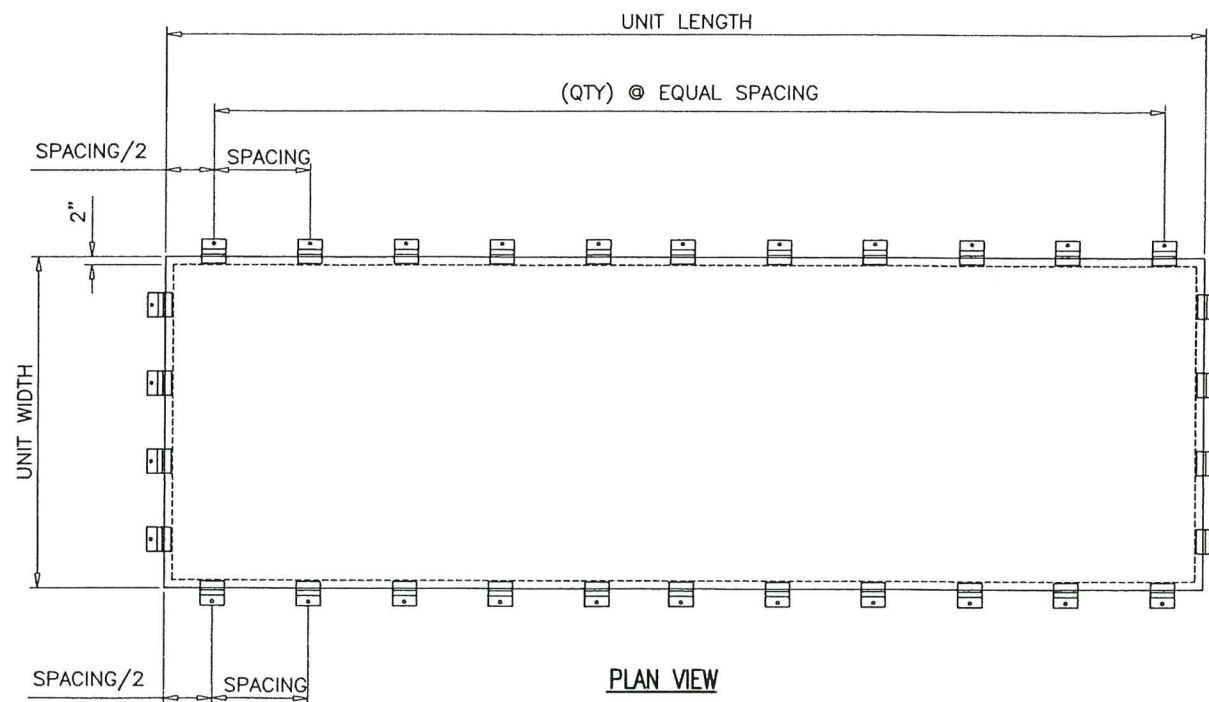


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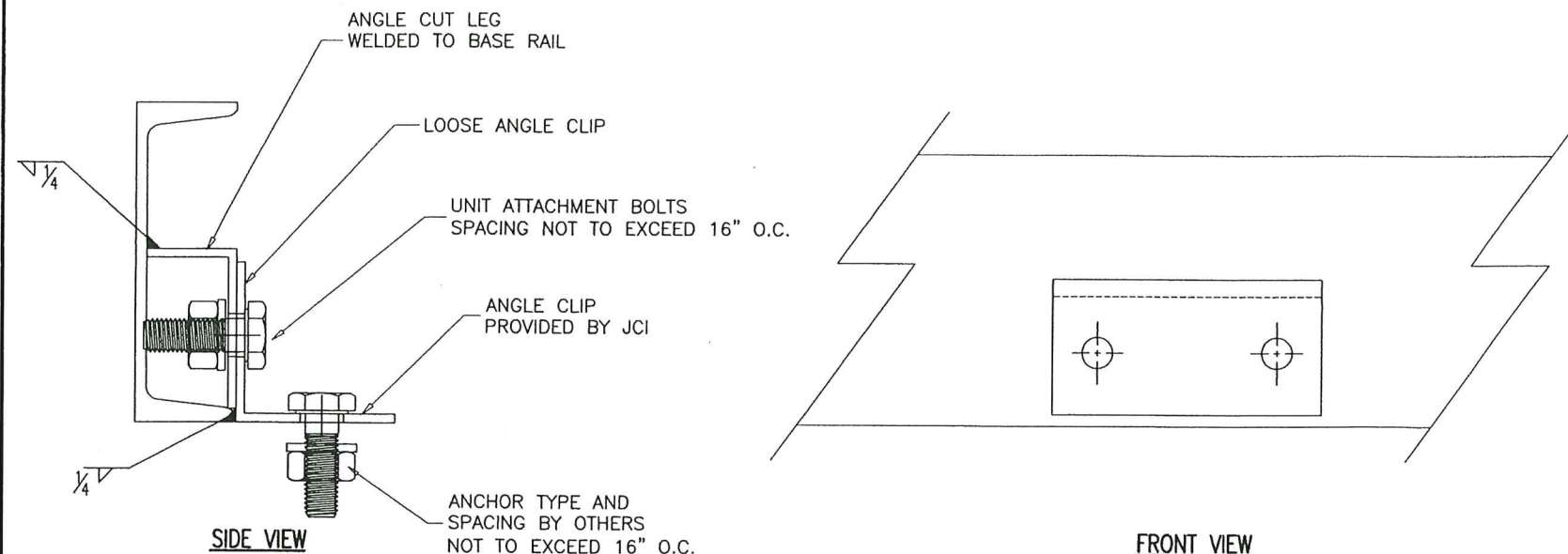
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dr. by:	TARIQ			
chk. by:				
drawing no.	12-06			
sheet	6 of 19			

PLAN VIEW
RIGHT HAND
AHU
UNIT HAND
LEFT HAND
AIR FLOW



PLAN VIEW
BASE ANCHOR LAYOUT

NOTE:
ANCHOR SPACING WILL VARY BASED ON UNIT LENGTH
BUT SHALL NOT EXCEED 16" O.C.

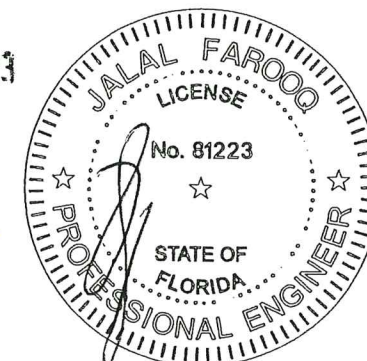


BASE ANCHOR CLIPS DETAIL

- Notes:
1. Unit base frame is bolted C-channel structural steel.
 2. Air Handling Unit can vary in size however, spacing of the structural support elements such as the base frame, roof/wall panels, hardware spacing, hardware sizes, shall not exceed the dimensions or material gages indicated.
 3. 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.
 4. Attachment to the concrete/steel structure to prevent sliding and overturning of the air handling unit is not part of the scope of this product approval. These elements shall be reviewed by the corresponding building department.

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UNIT CONSTRUCTION

Base:
6" X 1.92" X 8.2#/ft structural steel channel
8" X 2.26" X 11.5#/ft structural steel channel
10" X 2.60" X 15.3#/ft structural steel channel
12" X 2.94" X 20.7#/ft structural steel channel
painted w/ 6 to 8 mil DFT Champagne Epoxy.
Base Insulation:
2" Polyurethane Foam
Base Skin:
16 Ga Minimum.

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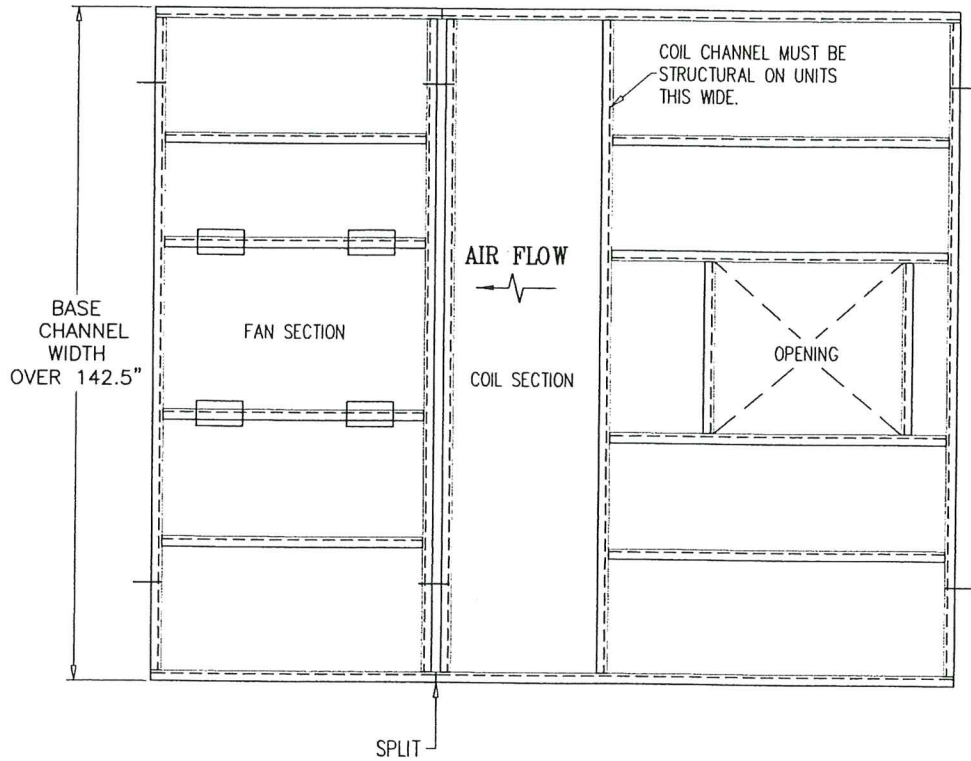
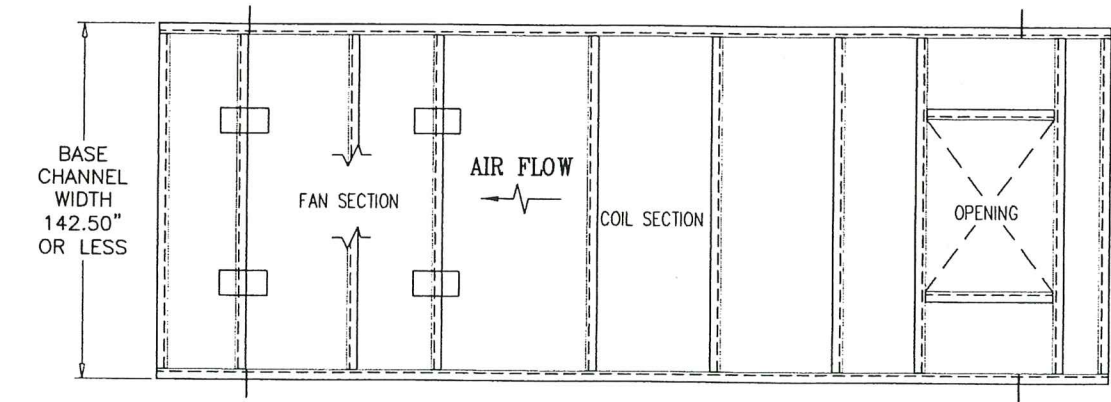
sheet 7 of 19

COOLER 12-06YIC

INTERIOR BASE CHANNELS

-INTERIOR BASE CHANNELS WILL BE FABRICATED FROM 10 GAUGE HR MATERIAL. WHEN THE MAXIMUM SPAN FOR FORMED CHANNEL IS EXCEEDED, STRUCTURAL CHANNEL WILL BE USED.)

-IN GENERAL, THE INTERIOR BASE CHANNELS WILL SPAN THE SHORTEST DIRECTION (SEE EXAMPLES BELOW). SOME EXCEPTIONS TO THIS RULE ARE COIL DRAIN PANS, RECESSED FLOORS AND Evap-Pak SUMP SUPPORTS.

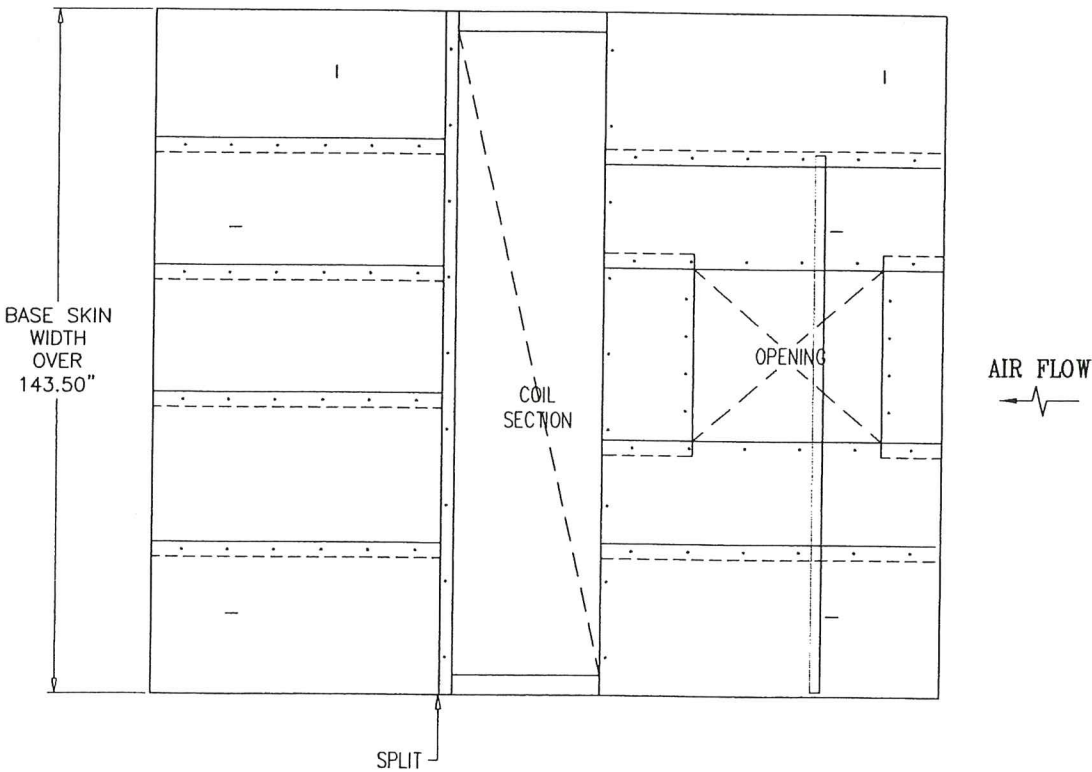
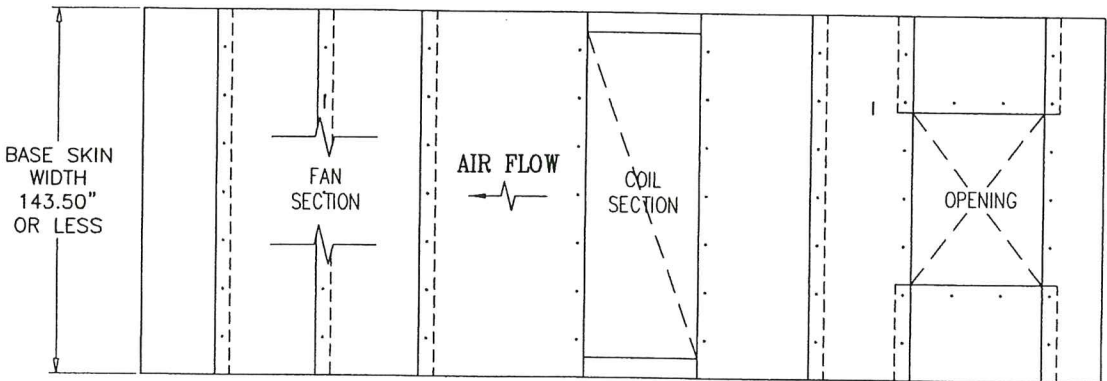


TYPICAL BASE CHANNEL LAYOUT

BASE SKIN LAYOUT

-IN GENERAL THE BASE SKINS WILL BE SIZED WITH THEIR LONGEST DIMENSION PARALLEL TO THE SKIN SUPPORT CHANNEL.

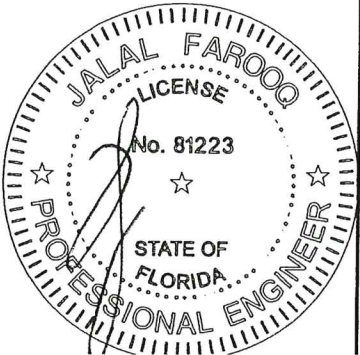
-ALL BASE SKIN SEAMS MUST BE SUPPORTED BY EITHER A FORMED OR STRUCTURAL CHANNEL.



TYPICAL BASE SKIN LAYOUT

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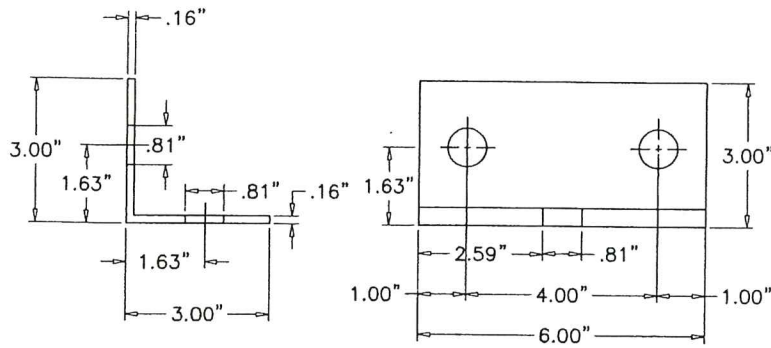
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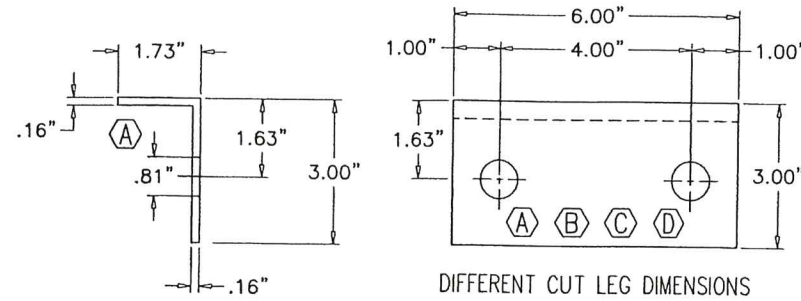
sheet 7.1 of 19

COOLER 12-06YC

3 X 3 X 8 GA - 6" LENGTH ANGLE CLIP MATERIAL, 8 GA. HOT ROLLED, FORMED.



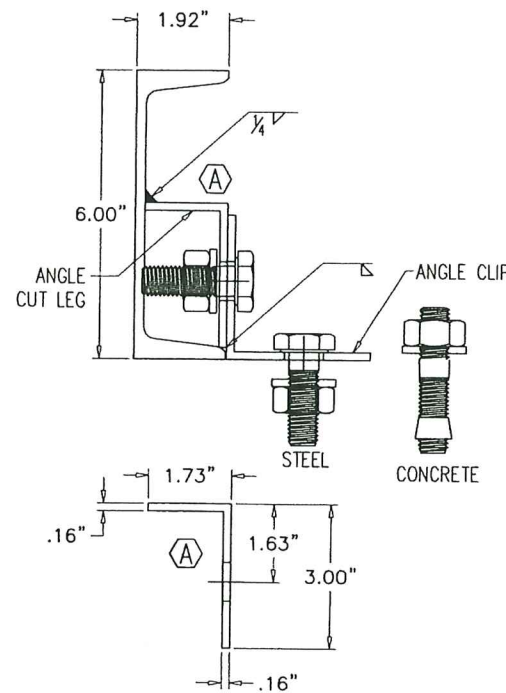
3 X 3 X 8 GA - 6" LENGTH ANGLE CLIP MATERIAL, 8 GA. CUT LEG (A) (B) (C) (D) HOT ROLLED, FORMED.



HARDWARE REQUIRED FOR ANCHOR CLIP/EACH

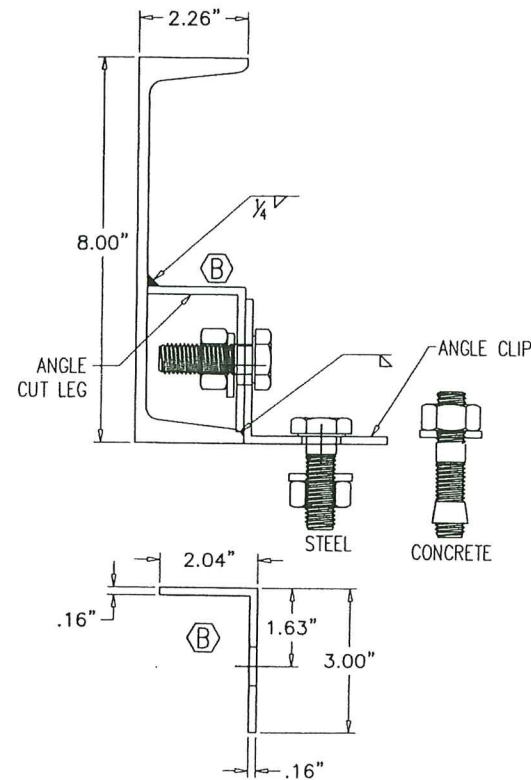
- (2) SCREW HC. GR5. PLTD. .75-10_2 021 30470 090
- (2) NUT HX PLTD GR5 .75-10 021 30408 009
- (2) WASHER LOCK SPLIT PLTD .75 021 30437 012
- (1) SAE GRADE 8 BOLTS PER ANCHORAGE LAYOUT DWG

3 X 3 X 8 GA - 6" LENGTH ANGLE CUT LEG



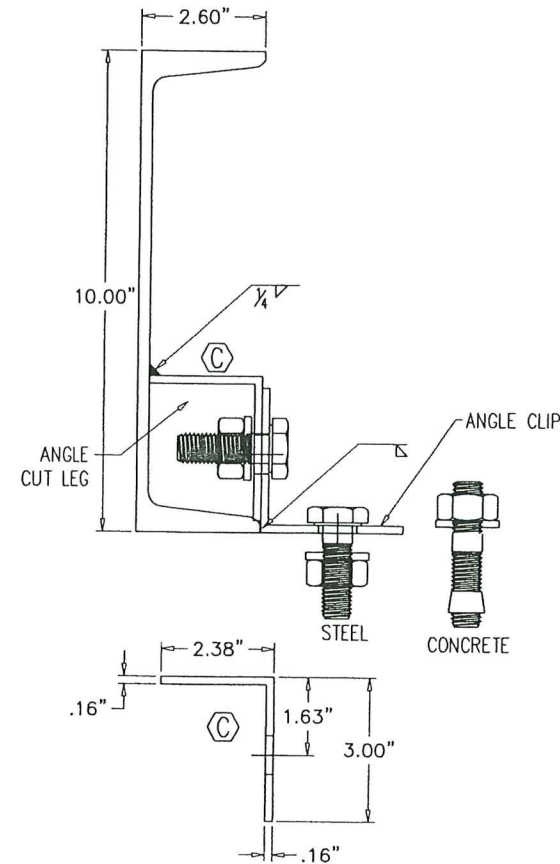
3 X 3 X 8 GA ANGLE 6" LENGTH QTY: 1

3 X 3 X 8 GA ANGLE (A) CUT LEG - 1.73 6" LENGTH QTY: 1



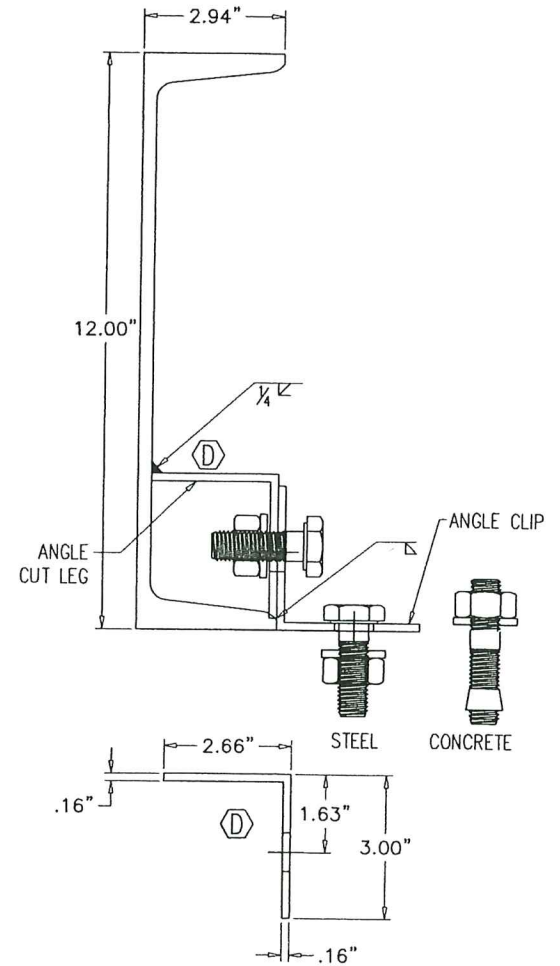
3 X 3 X 8 GA ANGLE 6" LENGTH QTY: 1

3 X 3 X 8 GA ANGLE (B) CUT LEG - 2.04 6" LENGTH QTY: 1



3 X 3 X 8 GA ANGLE 6" LENGTH QTY: 1

3 X 3 X 8 GA ANGLE (C) CUT LEG - 2.38 6" LENGTH QTY: 1

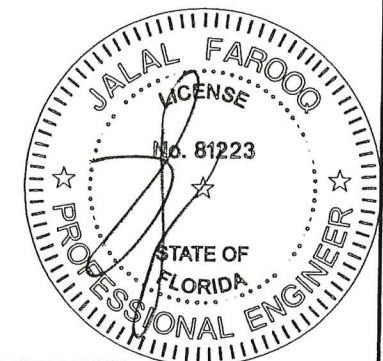


3 X 3 X 8 GA ANGLE 6" LENGTH QTY: 1

3 X 3 X 8 GA ANGLE (D) CUT LEG - 2.66 6" LENGTH QTY: 1

CLIPS FOR STEEL/CONCRETE ANCHOR TYPE AND SPACING BY OTHERS

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AL-FAROOQ CORPORATION
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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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(C.A.N. 3538)

YORK Custom (PACE & Miller-Picking) Air Handler Unit
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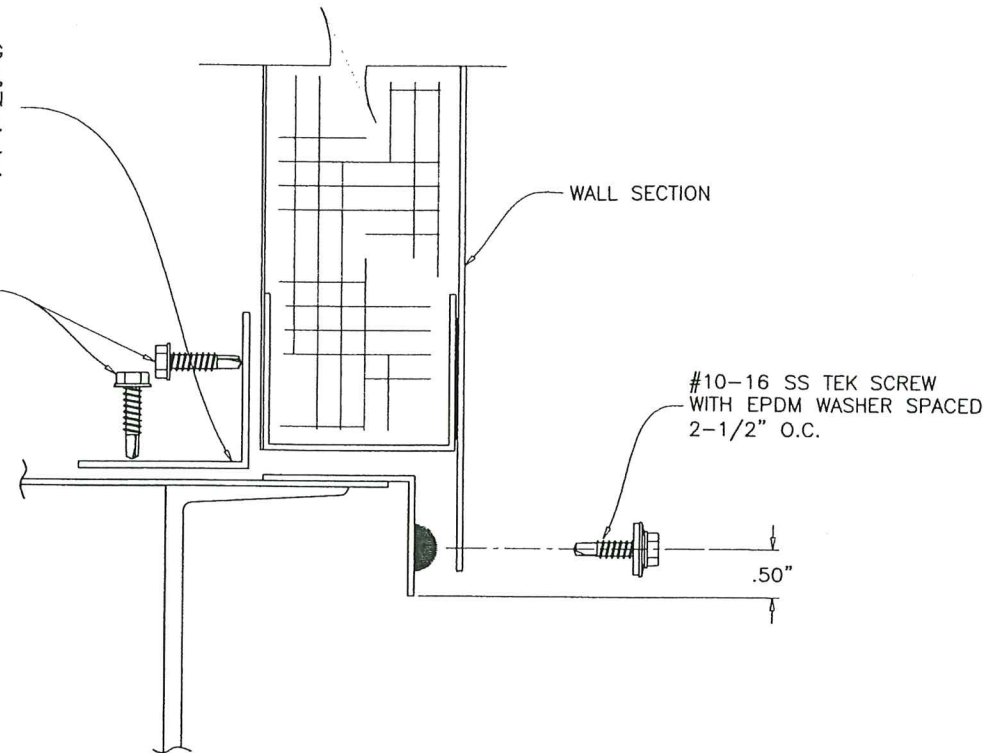
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	F	09.19.18		NO CHANGE THIS SHEET
	G	05.20.21		EDITORIAL CHANGES ONLY
	H	08.02.23		NO CHANGE THIS SHEET

date: 12-10-12	scale: 1/4" = 1"
dr. by: TARIQ	chk. by:

drawing no. 12-06
sheet 8 of 19

FASTEN INSIDE WALL TO FLOOR USING
1.50" X 1.50" X 6" LG. ANGLES,
ONE AT EACH CORNER AND THEN
ON APPROX 36" CENTERLINES.
ALSO ATTACH ONE AT ALL HOUSING SPLITS.
ALL AIR HANDLER WALLS.

#10-16 SS TEK SCREW
WITH EPDM WASHER SPACED
2-1/2" O.C.

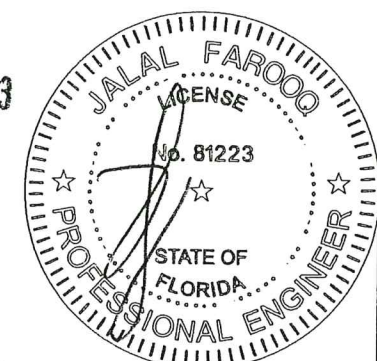


#10-16 SS TEK SCREW
WITH EPDM WASHER SPACED
2-1/2" O.C.

WALLS TO BASE
WALL ATTACHMENT
TO PERIMETER ANGLE

PRODUCT REVISED
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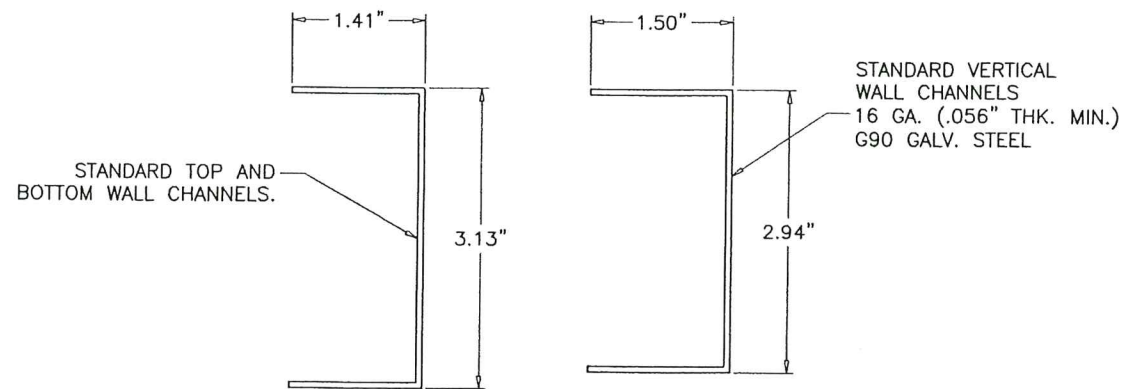
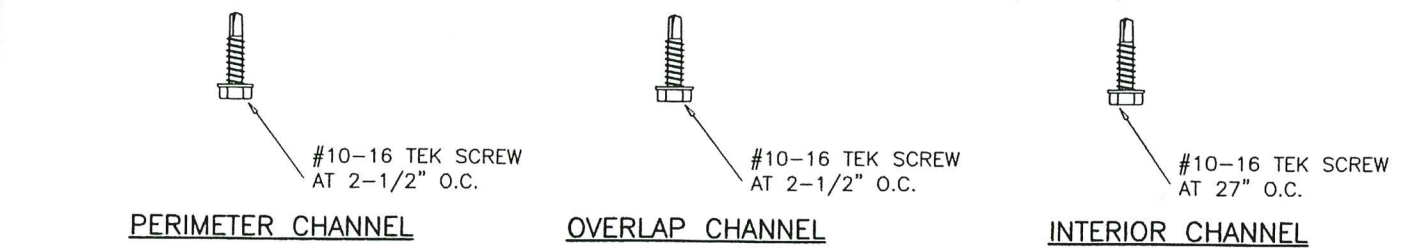
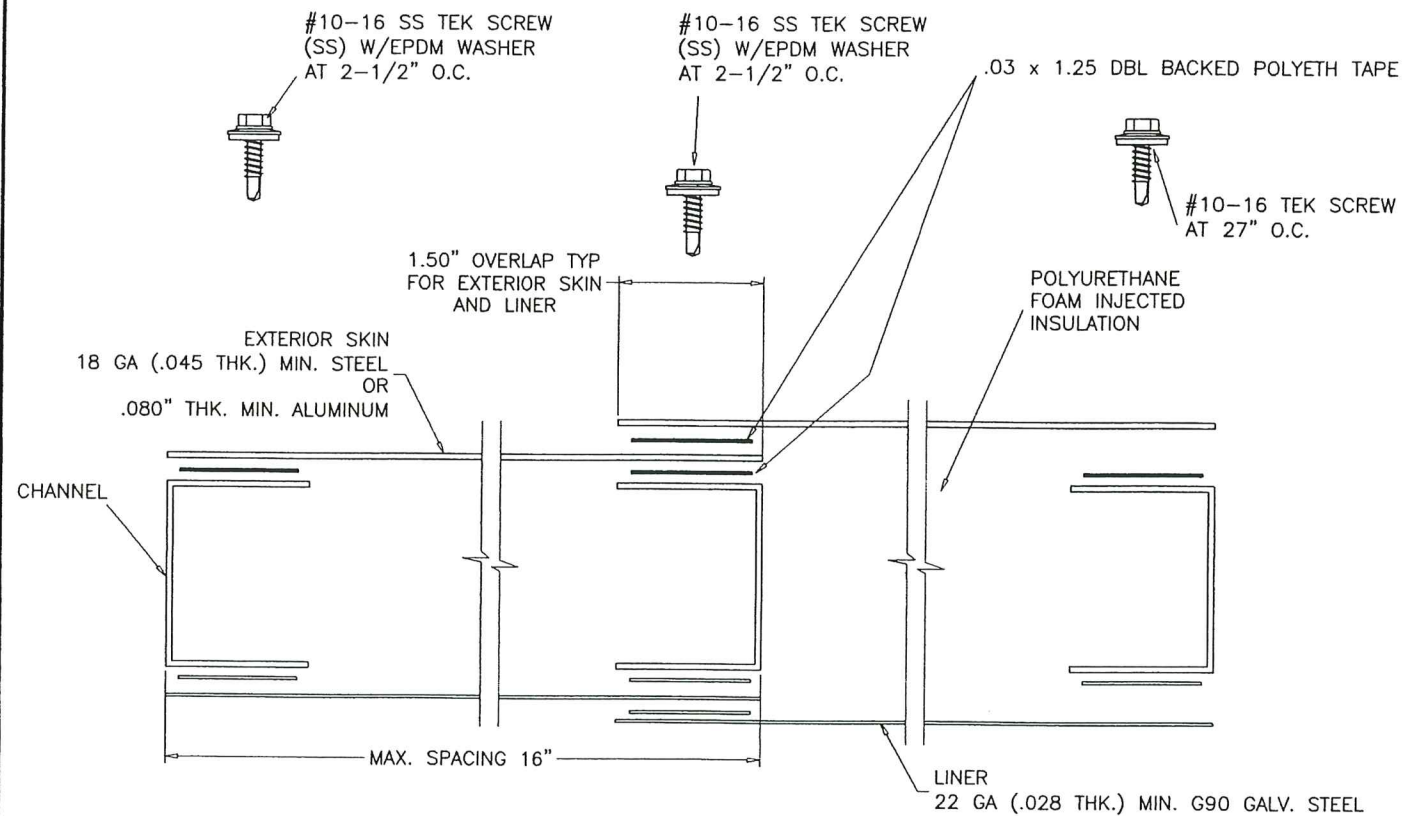
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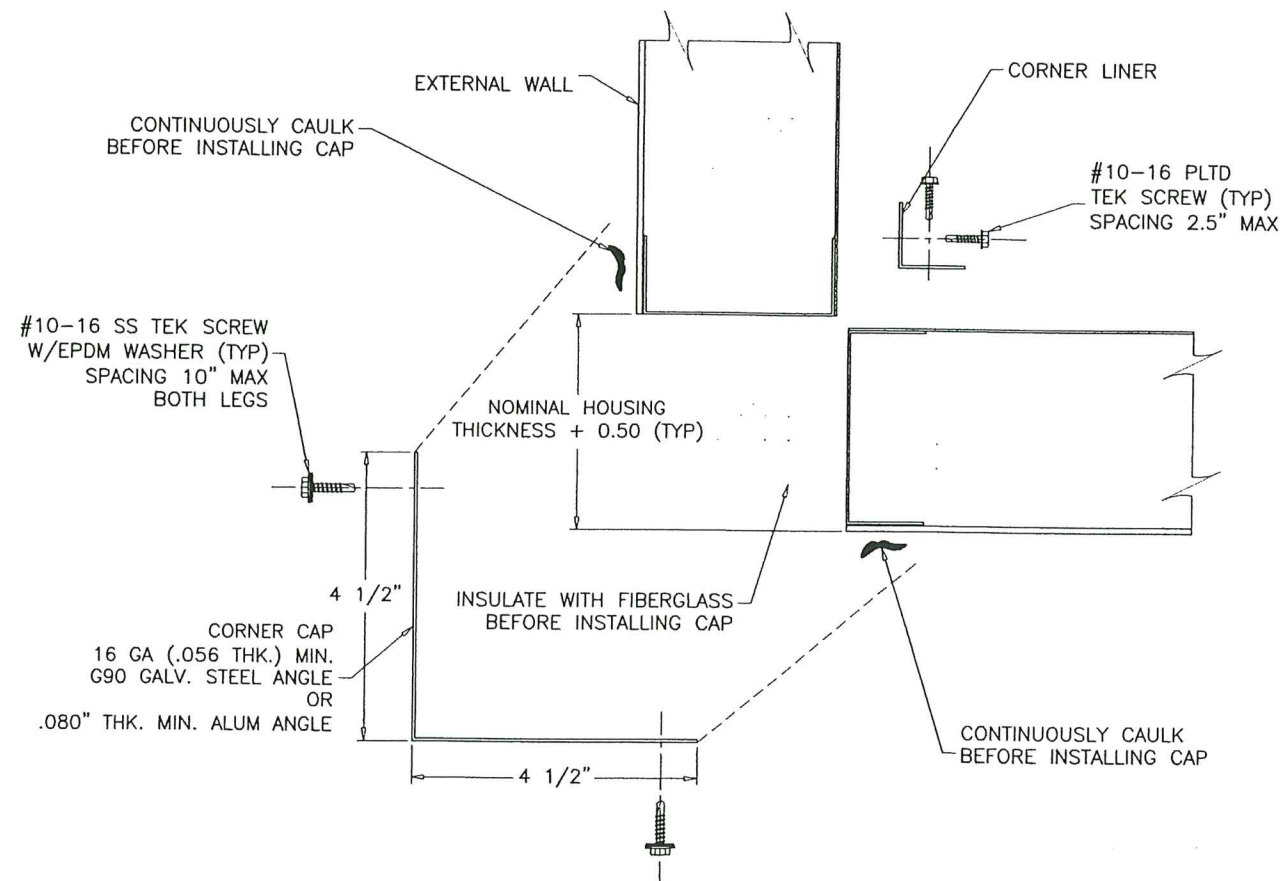
drawing no.
12-06
sheet 9 of 19

COOLER\12-06YIC



- NOTES:
1. FASTENER SPACING SEE SHEET 11 FOR ELEVATION LAYOUT.
 2. DBL BACKED TAPE MUST BE APPLIED TO ALL POSTS AND OVERLAPS ON THE EXTERIOR SKIN SIDE.
 3. NOMINAL HOUSING THICKNESS IS 3.00 INCHES.

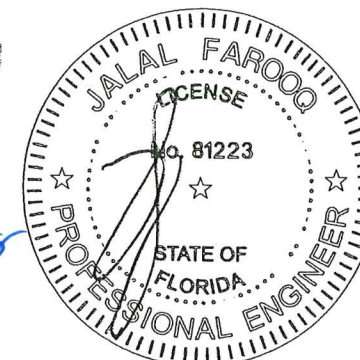
**EXTERIOR WALL
CROSS SECTION**
X-X



- NOTES:
1. THIS DETAIL IS FOR ALL CORNERS.

**CORNER CAP
& LINER INSTALLATION**

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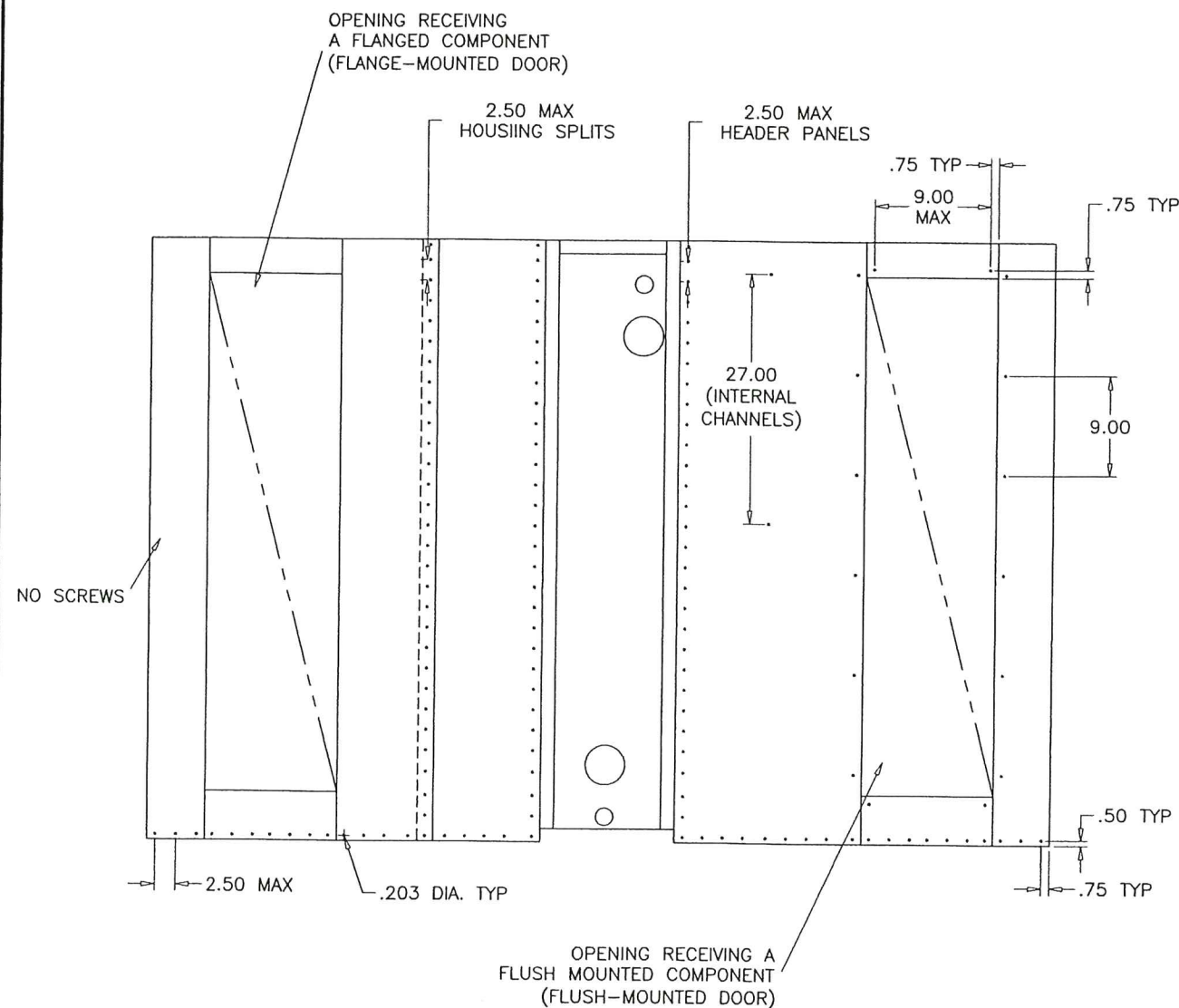
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dr. by: TARIO
chk. by:

drawing no.
12-06

sheet 10 of 19

COOLER 12-06YC



- NOTES:
- DO NOT INSTALL SCREWS ON EITHER END OF THE WALL ASSEMBLY OR ALONG THE TOP. THESE WILL BE COVERED ONCE THE WALL ASSEMBLY IS INSTALLED ON THE UNIT.
 - HOLD SKINS BACK .125 FROM ALL SIDES OF OPENINGS THAT ARE FRAMED BY CHANNELS ON 4 SIDES.

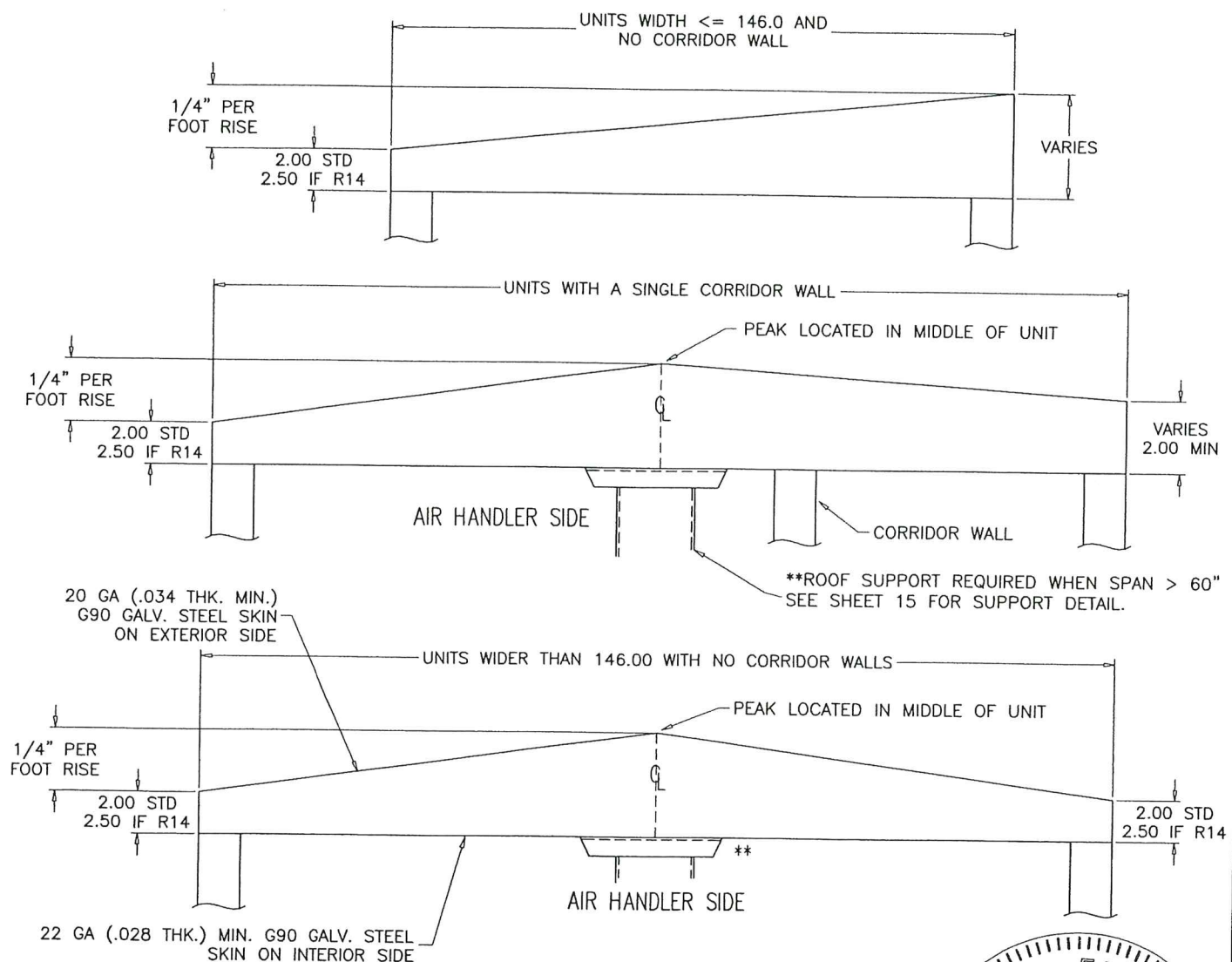
**SCREW SPACING GUIDELINES
FOR TYP. WALL AND ROOF EXTERIOR AND LINER SKINS**

CONSTRUCTION:
THE CONSTRUCTION OF THE OUTDOOR ROOF IS SIMILAR TO THE EXTERIOR WALL CONSTRUCTION WITH THE EXCEPTION THAT THE POST IS A SLOPED CHANNEL AND WILL BE REFERRED TO AS A TRUSS. REFER TO THE EXTERNAL WALL SECTION FOR GENERAL CONSTRUCTION DETAILS AND MATERIAL STANDARDS. ACU-SHIELD SHOULD BE APPLIED AS A STANDARD. USE SAME GAGE EXTERIOR MATERIAL FOR THE ROOF THAT IS ON EXTERIOR OF THE WALL OF THE UNIT. USE G90 GALV. FOR ALL ROOF EXTERIORS GETTING COATED WITH ACU-SHIELD.

GUIDELINES:
THE OUTDOOR ROOF WILL EITHER HAVE A SINGLE OR DOUBLE SLOPE WITH THE RISE BEING 1/4" PER FOOT (SEE DETAILS BELOW). SLOPE DIRECTION WILL BE INDICATED ON THE SUBMITTAL DRAWING. IF A SINGLE SLOPED ROOF IS REQUIRED, PITCH WILL TYPICALLY BE AWAY FROM THE ACCESS SIDE OF THE UNIT.

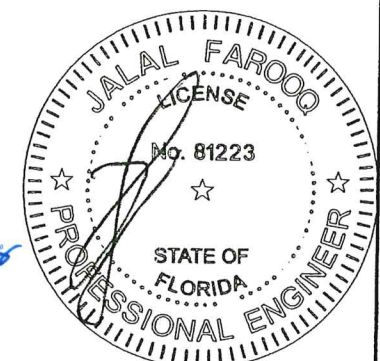
IF AN SQ IS GENERATED REQUIRING R14 MIN INSULATION, DETAILING WILL BE RESPONSIBLE FOR MAKING THE NECESSARY CHANGES TO THE PRODUCTION DRAWINGS TO MEET THIS REQUIREMENT AS SHOWN BELOW.

ROOF SECTIONS ARE ONLY TO BE SPLIT DOWN THE LENGTH OF THE SERVICE CORRIDOR WHEN A SHIPPING SPLIT IS REQUIRED. THE STANDARD DESIGN FOR DOUBLE SLOPED ROOFS WILL BE WITH THE RIDGE FALLING ON THE CENTER LINE OF THE UNIT. EXCEPTION TO STANDARD DESIGN: ALL UNITS WITH A SHIPPING SPLIT AT THE CORRIDOR WALL THAT REQUIRE A DOUBLE SLOPE ROOF MUST HAVE THE ROOF PEAK LOCATED AT THE CORRIDOR WALL. SEE DRAWINGS IN THIS SECTION FOR HOW THIS IS ACCOMPLISHED.



**OUTDOOR ROOF GUIDELINES
ROOF TRUSS SLOPE AND SUPPORT**

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Miami Data Product Control



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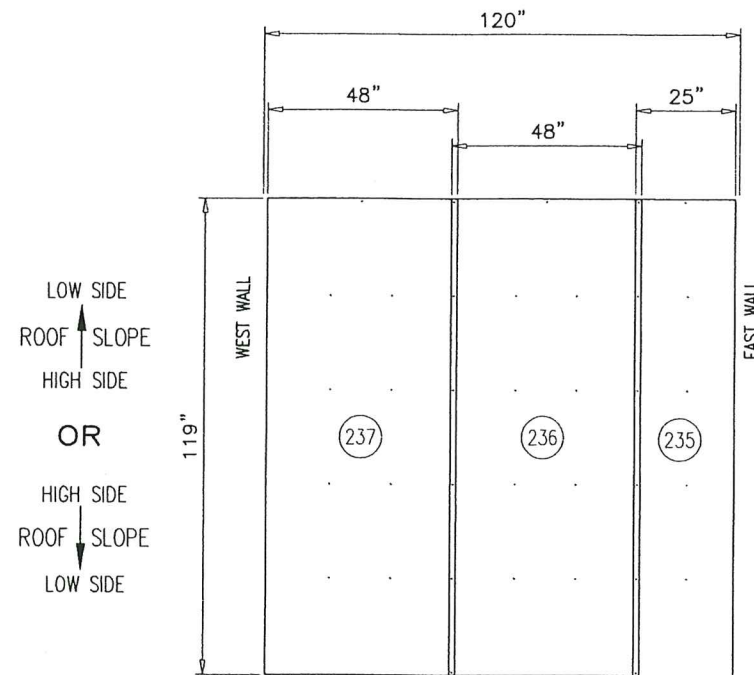
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chk. by:

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sheet 11 of 19

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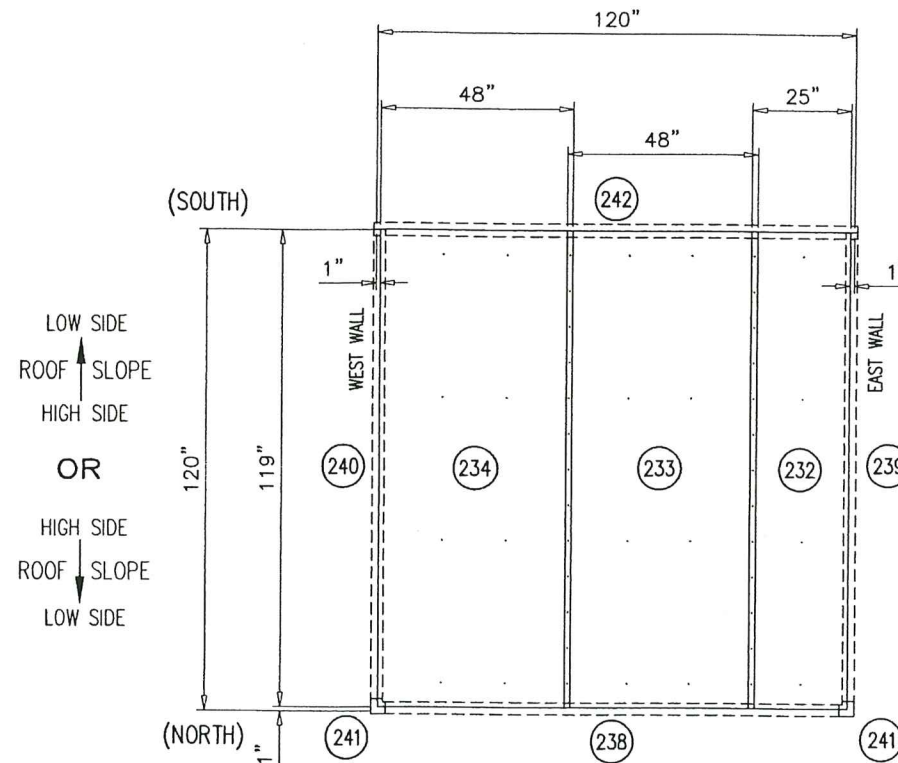


ROOF LINERS (VIEWED FROM LINER SIDE)

⇄ AIR FLOW ⇄

GENERAL NOTES:

1. LINERS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD INTERIOR LINER OVERLAP IS 1.50".

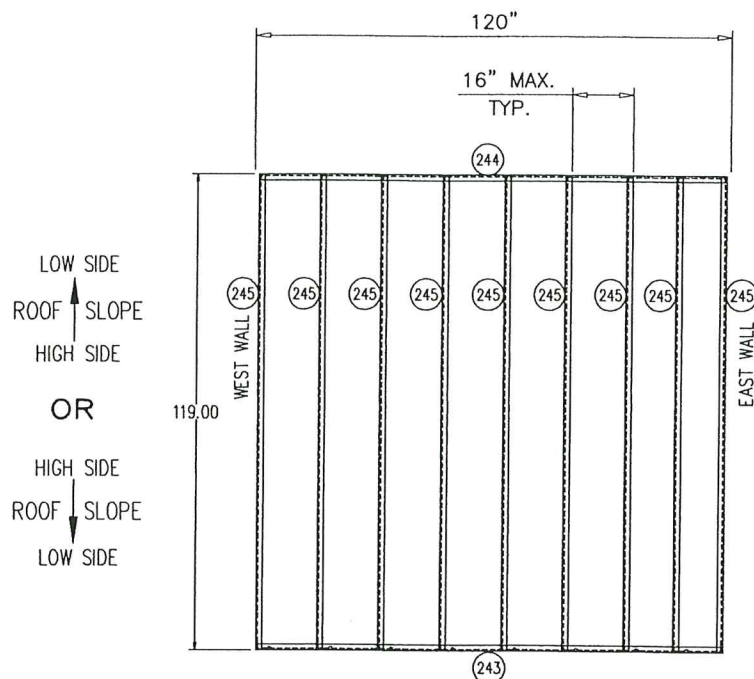


ROOF SKINS (VIEWED FROM LINER SIDE)

⇄ AIR FLOW ⇄

GENERAL NOTES:

1. SKINS HELD BACK .125 FROM ALL OPENINGS FRAMED BY 4 CHANNELS.
2. HEADER/FOOTER PIECES AT OPENINGS PLACED UNDER FULL LENGTH PIECES.
3. STANDARD EXTERIOR SKIN OVERLAP IS 1.50".



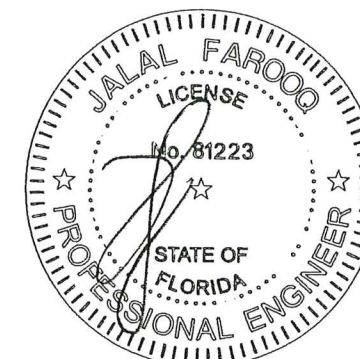
ROOF CHANNELS (VIEWED FROM LINER SIDE)

⇄ AIR FLOW ⇄

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
231			1	ROOF ASSEMBLY	ROOF ASSEMBLY: 120.00 X 120.00	4.03	1
252	391 20002 002		40CF	-10% OFFAL - OCF	OCF MIX, PART A,B, & FREON		40CF
242			1	C: ANGLED-COVER	3.25W X 121.50L X SHEET, GLV, G90, 20GA		1
232			1	C: EXT-SKIN-O	25.00W X 119.00L X SHEET, GLV, G90, 20GA		1
233			1	C: EXT-SKIN-O	48.00W X 119.00L X SHEET, GLV, G90, 20GA		1
234			1	C: EXT-SKIN-O	48.00W X 119.00L X SHEET, GLV, G90, 20GA		1
240			1	C: HL3.75X6.25	10.70W X 117.00L X SHEET, GLV, G90, 16GA		1
235			1	C: INT-LINER-O	24.94W X 118.94L X SHEET, GLV, G90, 22GA		1
236			1	C: INT-LINER-O	47.97W X 118.94L X SHEET, GLV, G90, 22GA		1
237			1	C: INT-LINER-O	47.97W X 118.94L X SHEET, GLV, G90, 22GA		1
239			1	C: LH6.25X3.75	10.70W X 117.00L X SHEET, GLV, G90, 16GA		1
238			1	C: ROOF-CAP	8.20W X 113.94L X SHEET, GLV, G90, 16GA		1
241			2	C: ROOF-CNR-CAP	9.90W X 8.33L X SHEET, GLV, G90, 16GA		2
245			9	C: RT5.69X3.19	8.49W X 118.75L X SHEET, GLV, G90, 16GA		9
243			1	C: SC1.50X3.38-O	6.18W X 118.00L X SHEET, GLV, G90, 16GA		1
244			1	C: SC1.50X5.88-O	8.68W X 118.00L X SHEET, GLV, G90, 16GA		1
246	013 03317 050		9.90Z	CAULK	CAULK, AL, GRAY, SIKAFLEX_221		9.90Z
249	013 01412 010		0.67GL	COATING	COATING, ACU-SHIELD, WHITE		0.67GL
250	* 021 30531 011		222	SCREW	SCREW, TEK, 410SS, EPDM, 10-16 _75		222
251	* 021 30530 001		52	SCREW	SCREW, TEK, PLTD, 10-16 _75		52
253	* 091 20014 001		12	SUPER ANGLE	ANGLE, WALL_TO_ROOF, GLV	YC86-033	12
247	028 14900 010		2677IN	TAPE	TAPE, POLYETH, DBL, .03W, 1.25THK		2677IN
248	028 07417 010		243IN	TAPE	TAPE, BUTYL, 1.25W, .13THK		243IN

AUG 03 2023

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Building Code
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By *H. A. Alton*
Miami Data Product Control

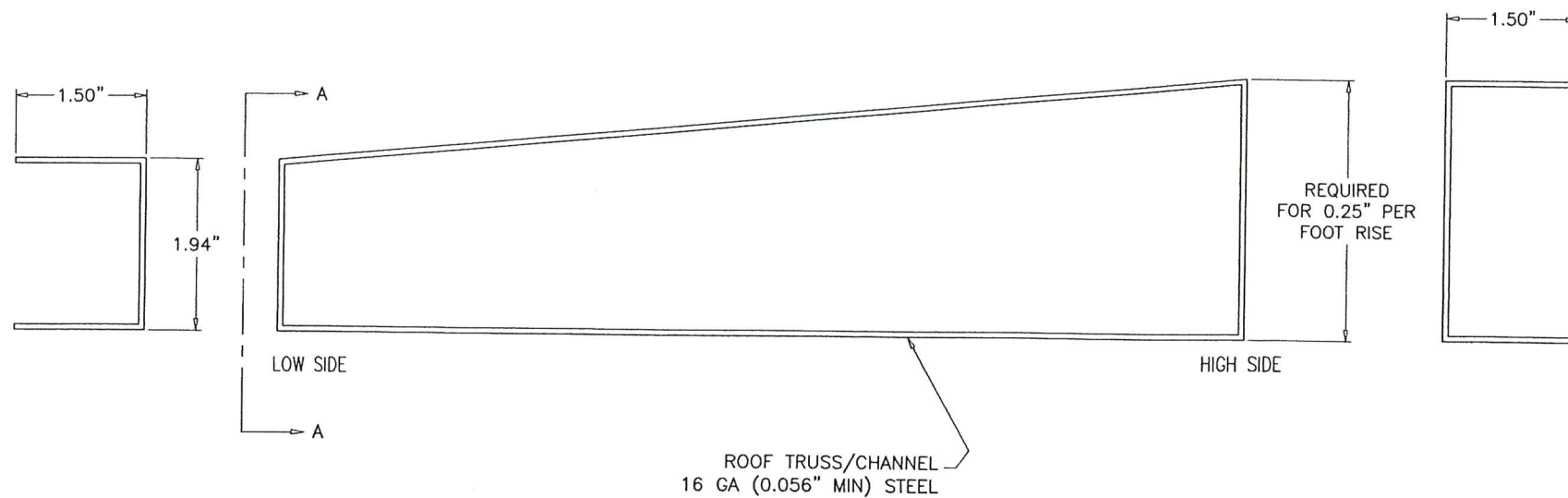
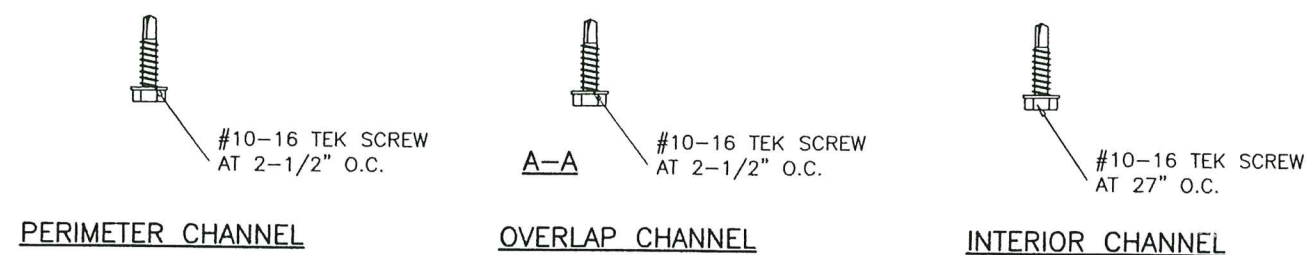
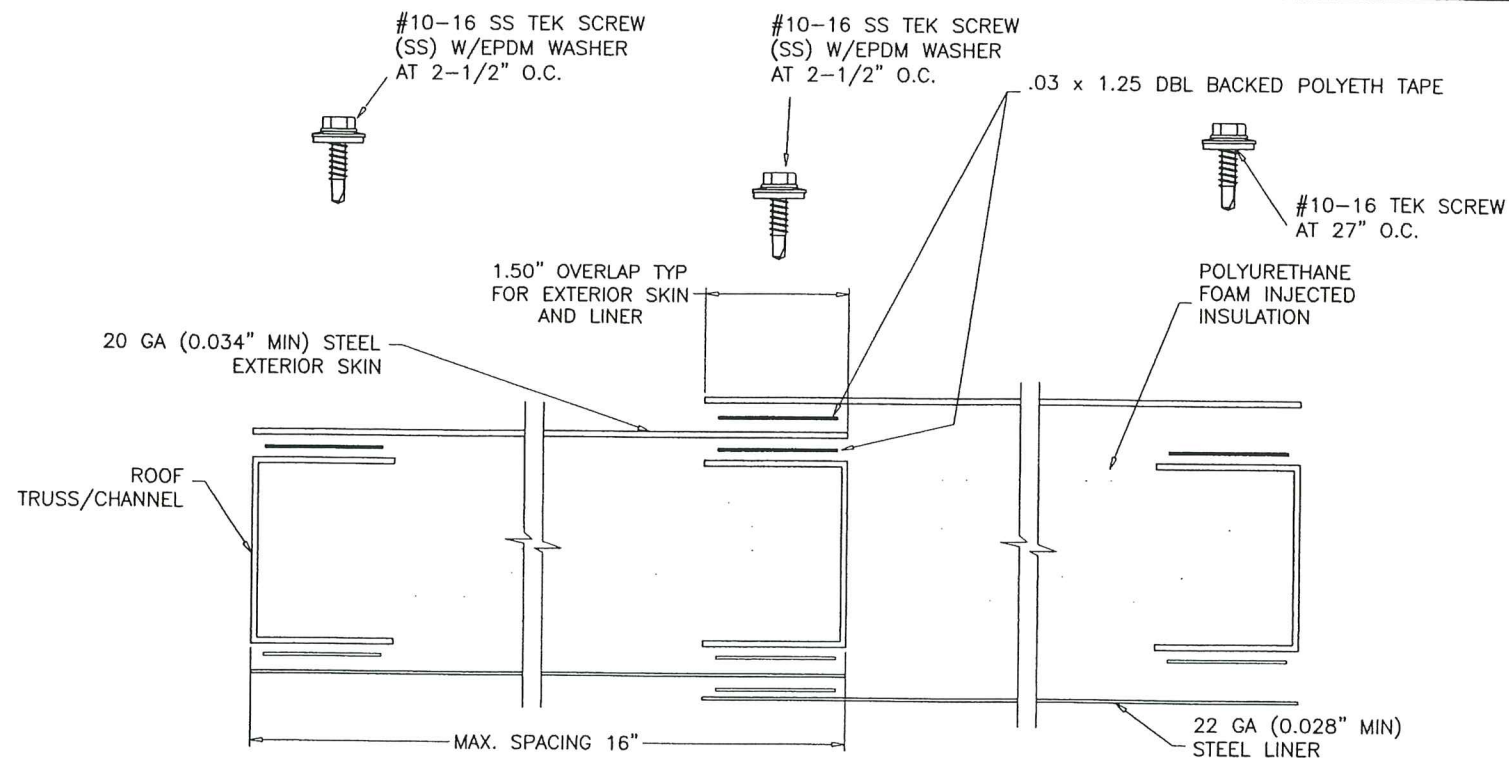


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scale: -
dr. by: TARIQ
chk. by:
drawing no. 12-06
sheet 11.1 of 19



- NOTES:
1. FASTENER SPACING FOR ROOF AND WALLS ARE THE SAME.
 2. DBL BACKED TAPE MUST BE APPLIED TO ALL POSTS AND OVERLAPS ON THE EXTERIOR SKIN SIDE.
 3. NOMINAL ROOF THICKNESS IS 2.00 INCHES AT SIDES WITH 1/4\" PER FOOT SLOPE TO ROOF PEAK

ROOF
CROSS SECTION

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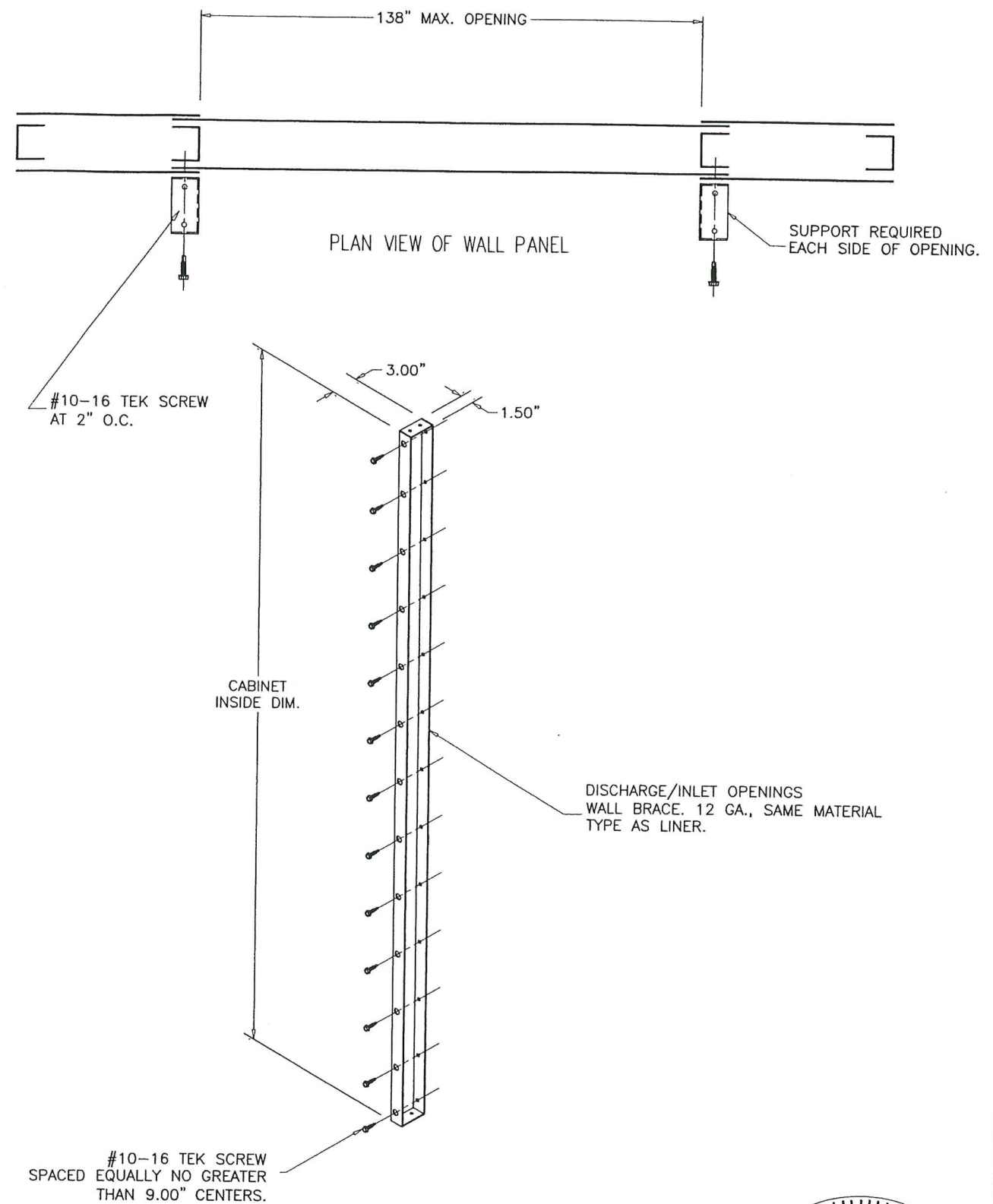
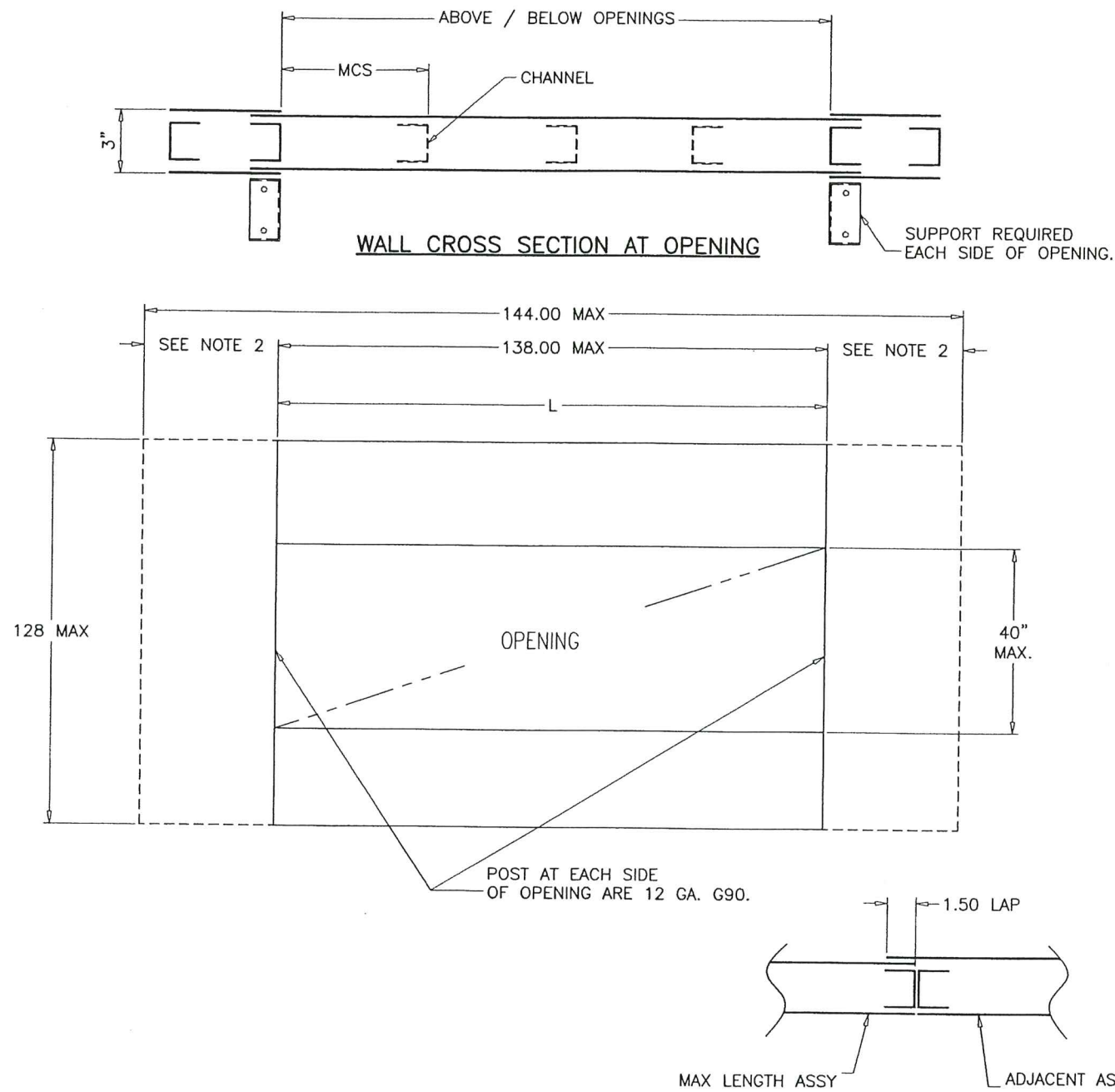
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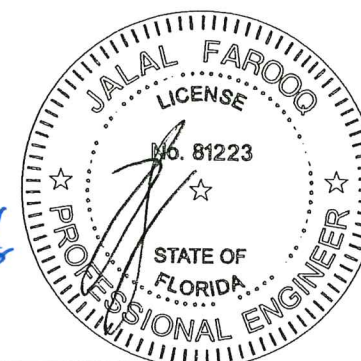


- NOTES:
1. GUIDELINES APPLY TO 3.00 MIN. WALL DEPTH. GUIDELINES ALSO APPLY TO 18 GA. STEEL AND ALUMINUM (.080 MIN.) EXTERIOR SKINS.
 2. MAXIMUM CHANNEL SPACING (MCS) IS 16".
 3. ADD AN 1.50 TAB ON WALL ASSY'S EXCEEDING THE MAX ASSY LENGTH.
 4. CONSULT ENGINEERING FOR ANY SITUATION NOT COVERED.

GUIDELINES FOR MAX. WALL ASSEMBLY AND OPENING SIZING

GUIDELINES FOR BRACING WALL ASSY AND OPENING SIZING DISCHARGE/INLET OPENINGS

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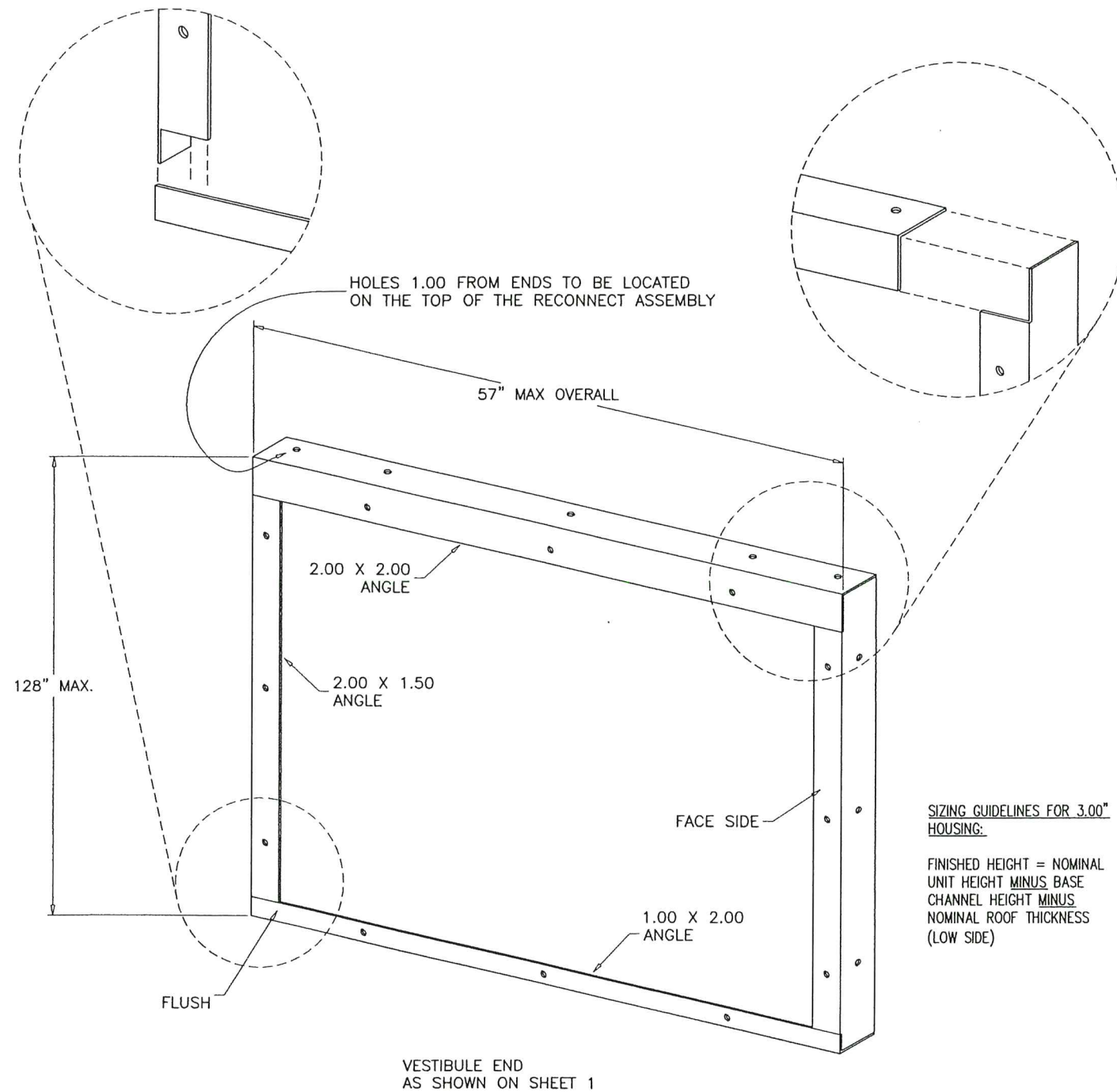
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SIZING GUIDELINES FOR 3.00\"/>

FINISHED HEIGHT = NOMINAL
UNIT HEIGHT MINUS BASE
CHANNEL HEIGHT MINUS
NOMINAL ROOF THICKNESS
(LOW SIDE)

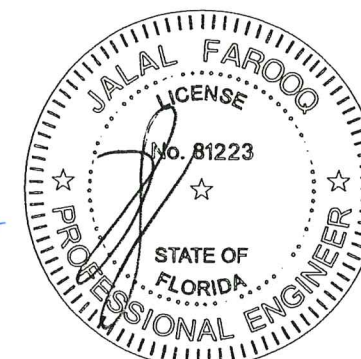
NOTES:

1. WELD INTO ASSY. WHERE APPLICABLE, ALL WELDS ARE CONTINUOUS 0.18\"/>

**INTERNAL RECONNECT ASSEMBLY
FOR AIRWAY WIDTHS AND
CORRIDOR UNIT LENGTHS**

AUG 03 2023

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Miami Dade Product Control



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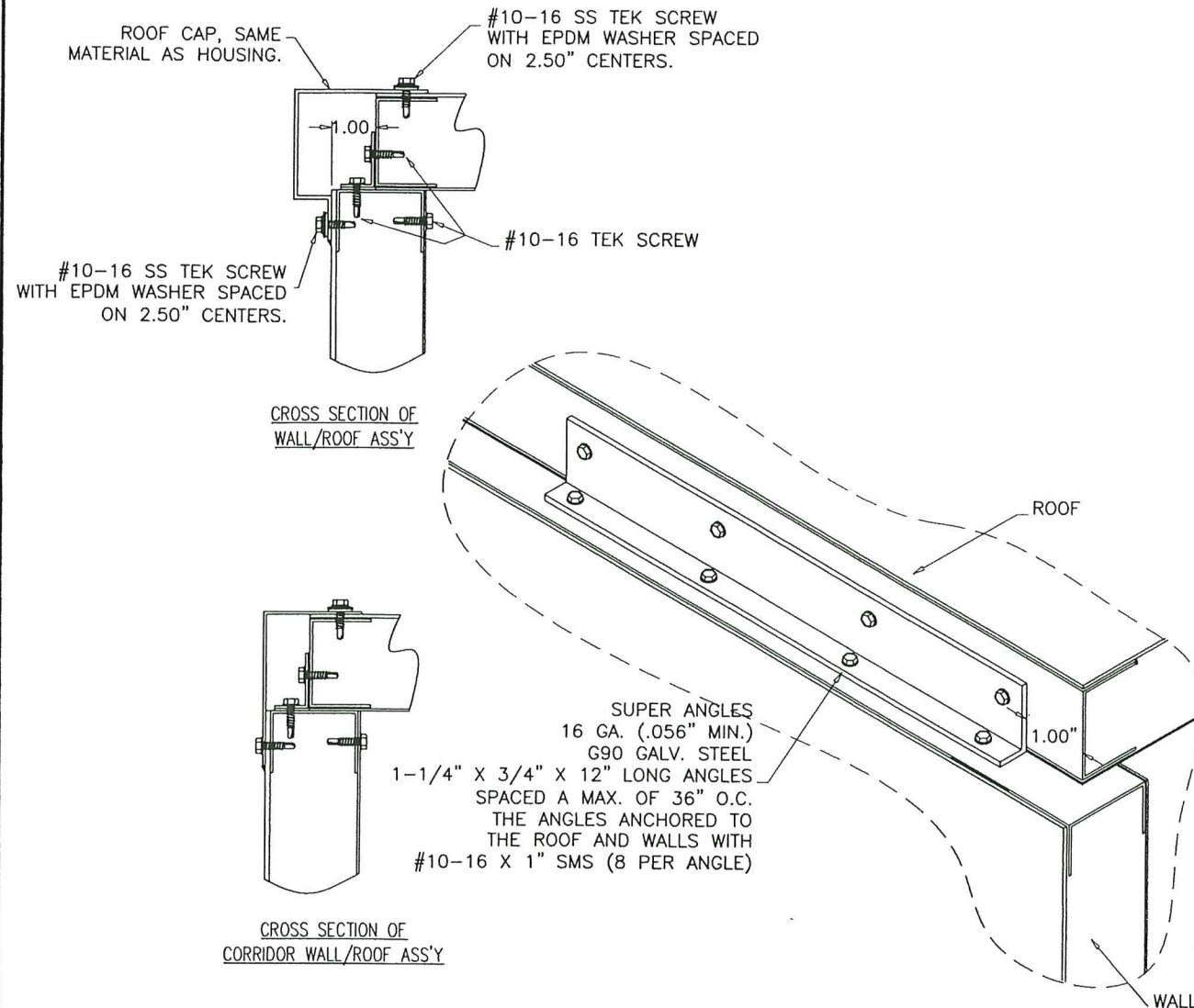
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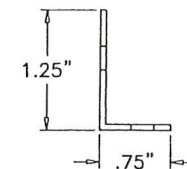
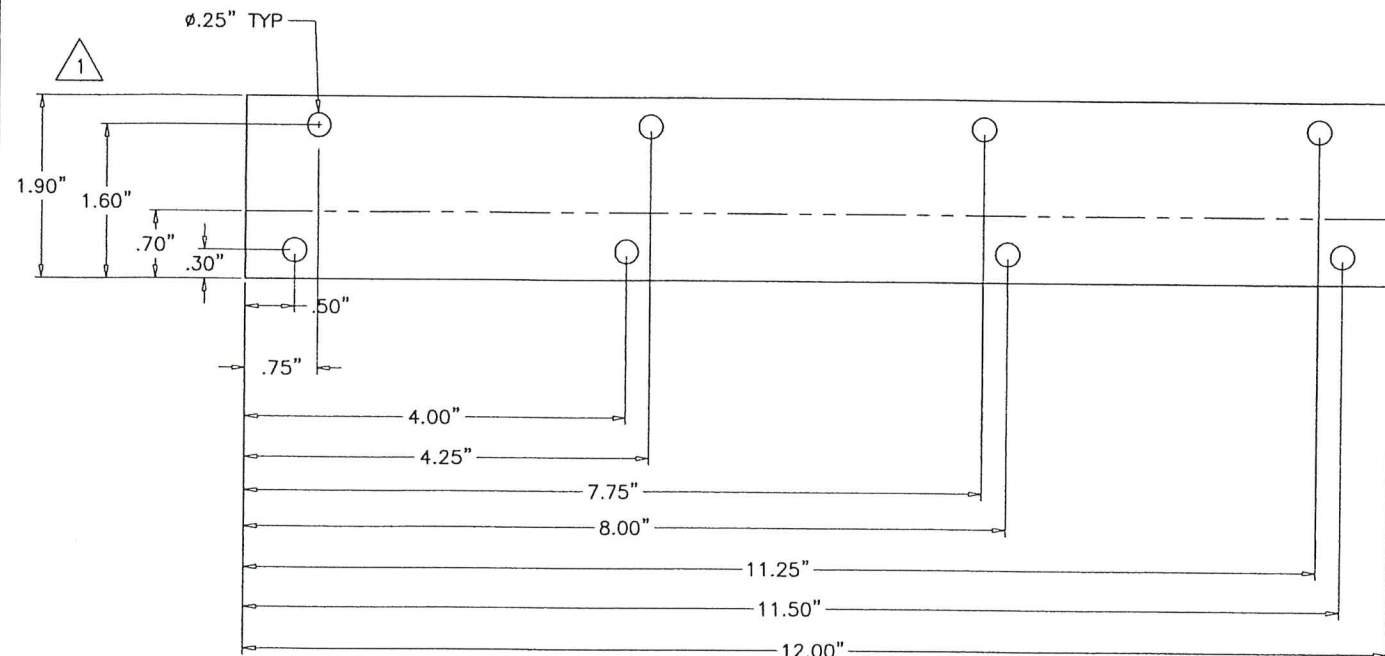
drawing no.
12-06
sheet 13 of 19



NOTES:

1. THE PURPOSE OF THE ANGLE IS TWO-FOLD. TO LIMIT LATERAL MOVEMENT OF THE WALL WHEN UNDER PRESSURE AND TO MAKE THE FIT OF THE ROOF LINER TO THE WALL LINER AS TIGHT AS REASONABLY POSSIBLE.
2. ROOF SIDES REQUIRE ANGLES ON 36\"
3. ANGLES ARE REQUIRED AT EVERY COIL PANEL, HOUSING SPLIT(1\"

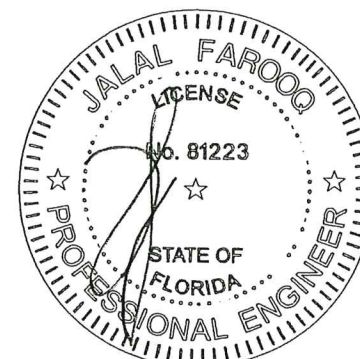
WALL TO ROOF ATTACHMENT GUIDELINES



WALL TO ROOF ATTACHMENT ANGLE

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9360 SUNSET DRIVE, SUITE 220
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TEL. (305) 264-8100 FAX. (305) 262-6978

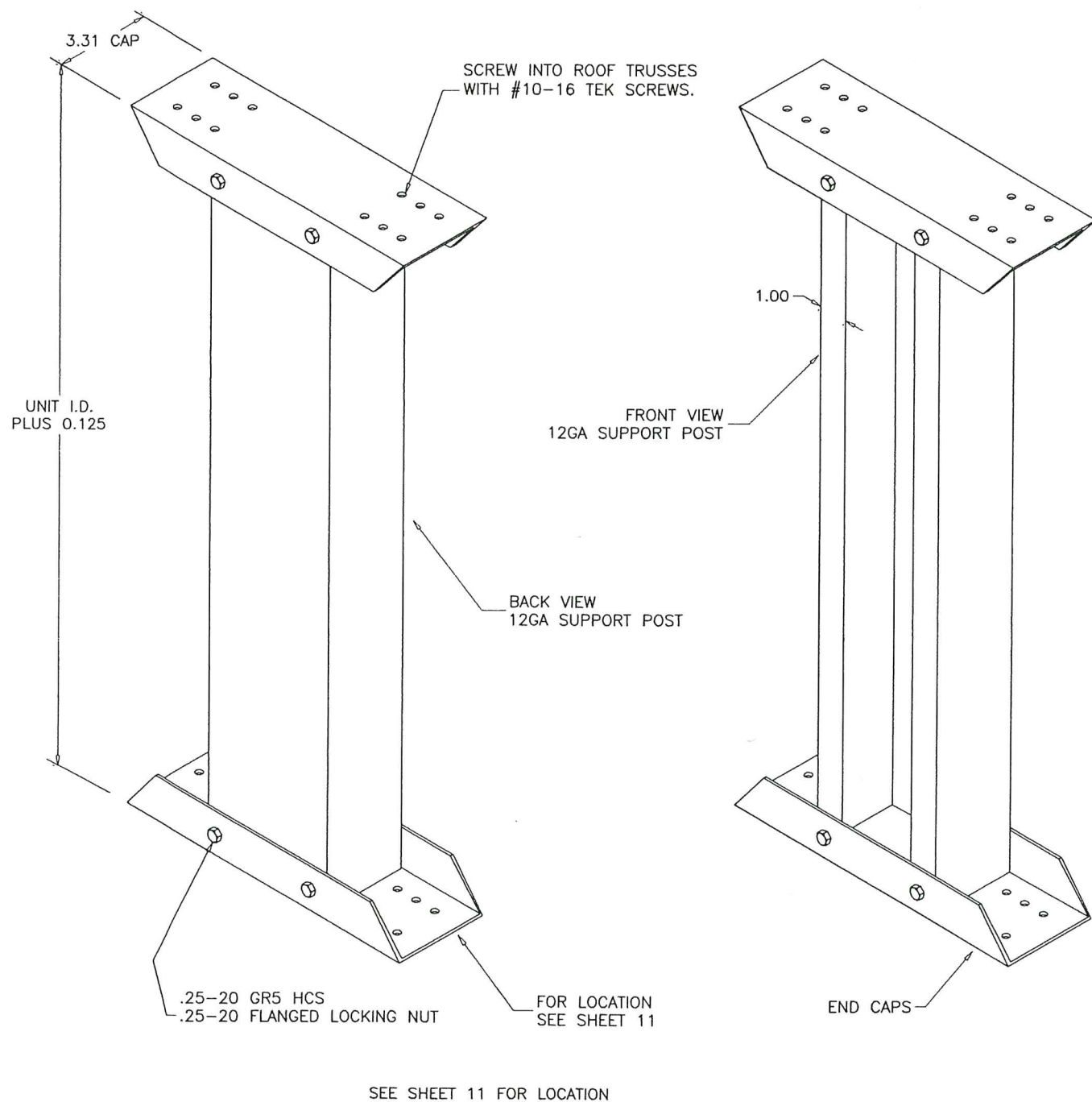
YORK Custom (PACE & Miller-Picking) Air Handler Unit
YORK/JOHNSON CONTROLS INC.
1499 EAST PHILADELPHIA STREET
YORK, PA. 17403
TEL. (717) 815-4218 FAX. (717) 815-4198

revisions:		no	date	by	description
12-10-12	E	06.09.16			SERIES NAME REV.
	F	09.19.18			NO CHANGE THIS SHEET
	G	05.20.21			EDITORIAL CHANGES ONLY
	H	08.02.23			NO CHANGE THIS SHEET

date: 12-10-12
scale: -
dr. by: TARIQ
chk. by:

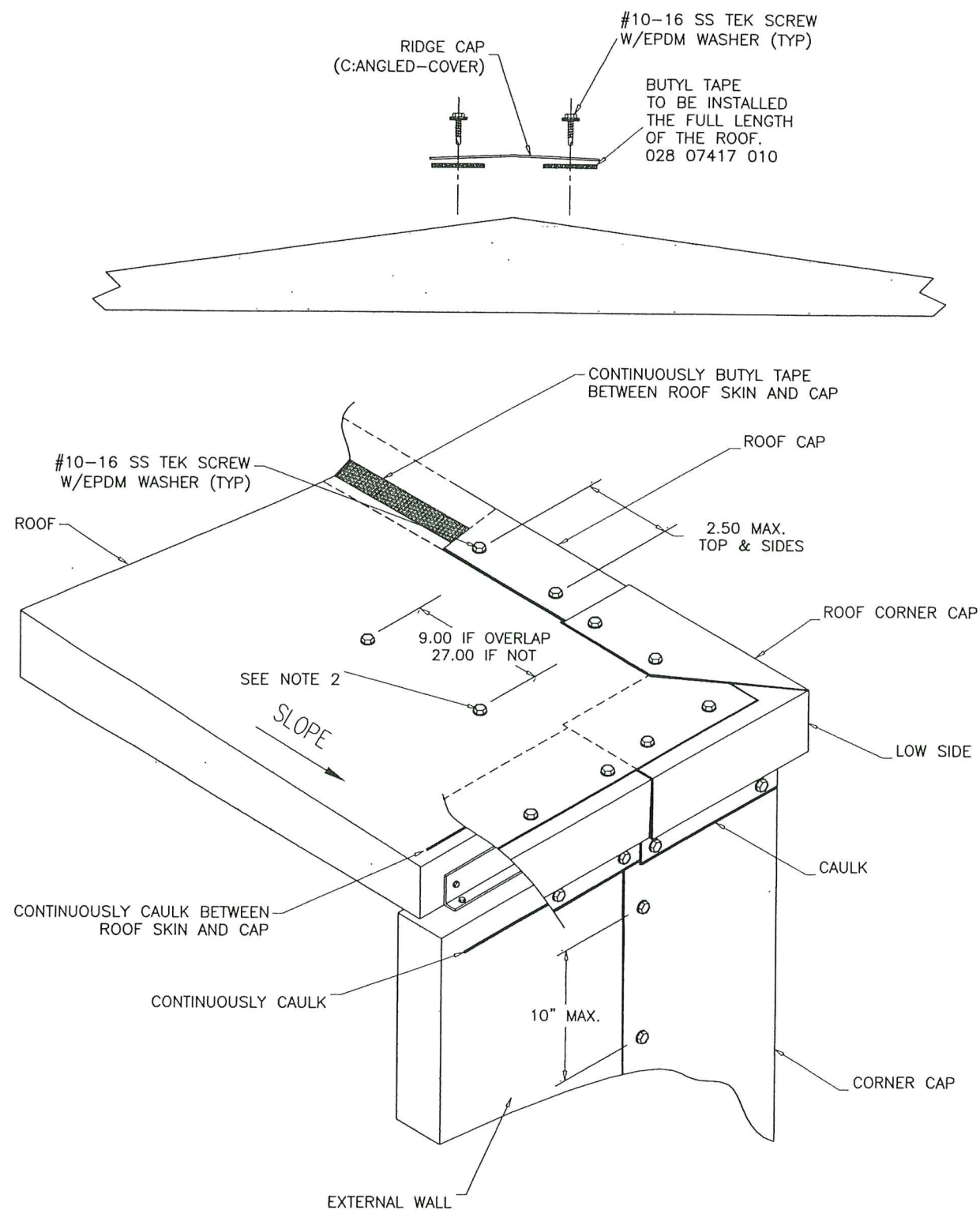
drawing no.
12-06
sheet 14 of 19

COOLER 12-06YIC



- NOTES:**
1. AS A STANDARD ROOF SUPPORT POSTS ARE REQUIRED ON ROOFS WHEN SPAN IS GREATER THAN 60" IN DIRECTION OF AIRFLOW AND ROOFS SPLIT DUE TO DOUBLE SLOPE REQUIREMENTS.
 2. USE #10-16 TEK SCREW FOR SECURING COLUMN BASE TO FLOOR.
 3. USE STAINLESS STEEL FASTENERS ON STAINLESS CAP AND BASE.

**TWO PIECE ROOF
PERMANENT SUPPORT**

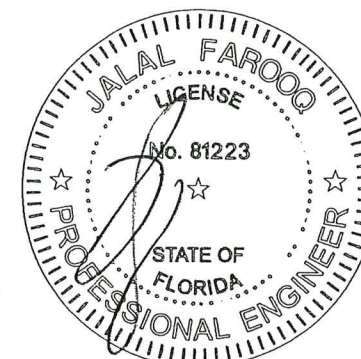


- NOTES:**
1. ALL LAP JOINTS MUST HAVE CAULK BETWEEN THE LAP. SURFACE CAULKING ONLY IS NOT ACCEPTABLE.
 2. UNIT ASSEMBLY TO INSTALL SCREWS INTENTIONALLY LEFT OUT BY ROOF BUILDERS
 3. HIGH SIDE INSTALLATION IS THE SAME AS ON INDOOR ROOFS.

**OUTDOOR UNIT
ROOF CAP INSTALLATION**

ALL DIMENSIONS SHOWN ARE IN INCHES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1107.01
Expiration Date 12/26/2028
By: *Hesha Miller*
Miami Data Product Control



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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dr. by: TARIQ
chk. by:

drawing no.
12-06

sheet 15 of 19

COOLER\12-06YIC

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COOLER 12-06YIC

YORK Custom (PACE & Miller-Picking) Air Handler Unit

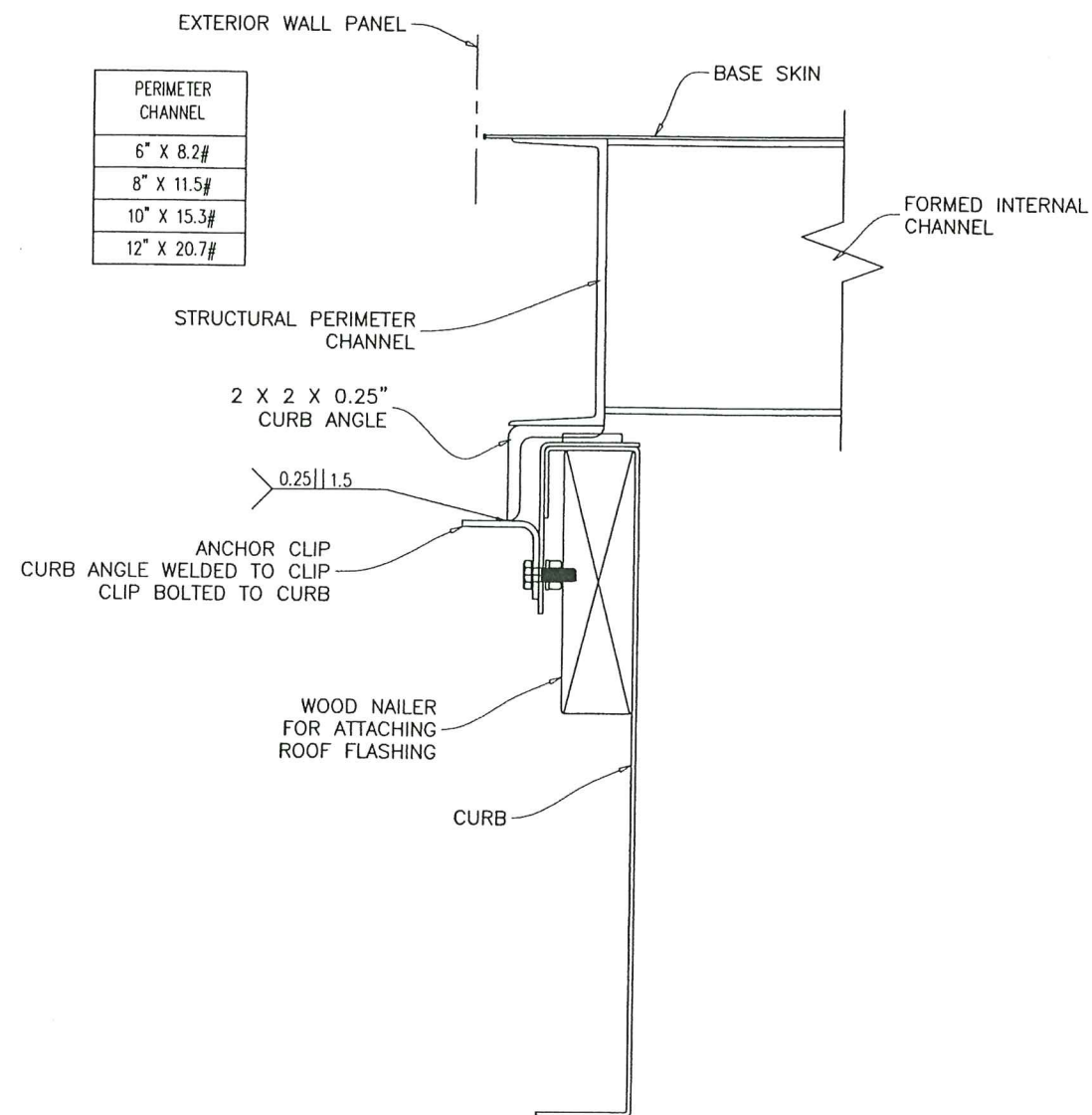
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dr. by:	TARIQ
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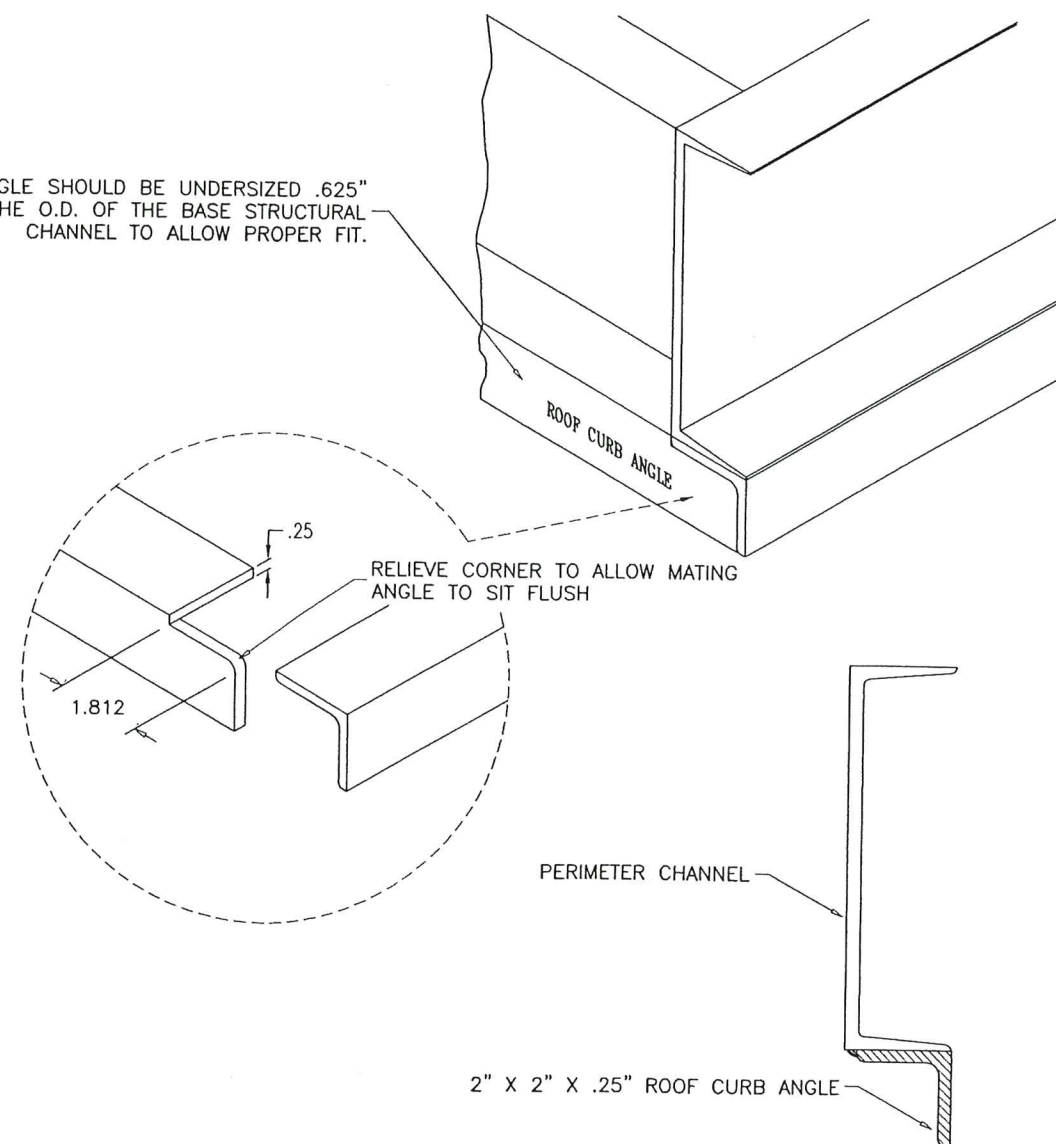
sheet 16 of 19



ROOF CURB HOLD DOWN DETAIL

SHALL BE DESIGNED FOR EACH SITE SPECIFIC BY A FLORIDA P.E.
AND REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.

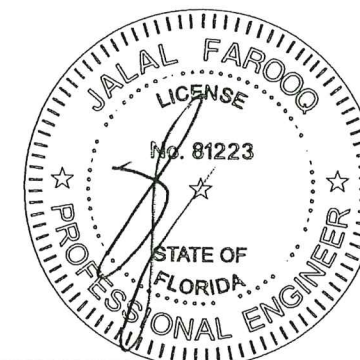
ANGLE SHOULD BE UNDERSIZED .625"
FROM THE O.D. OF THE BASE STRUCTURAL
CHANNEL TO ALLOW PROPER FIT.

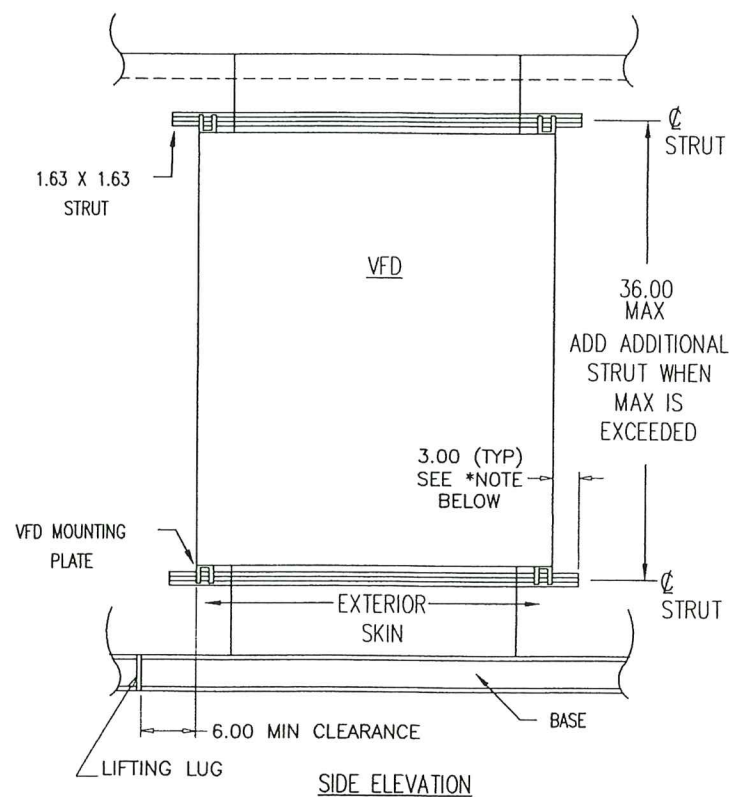
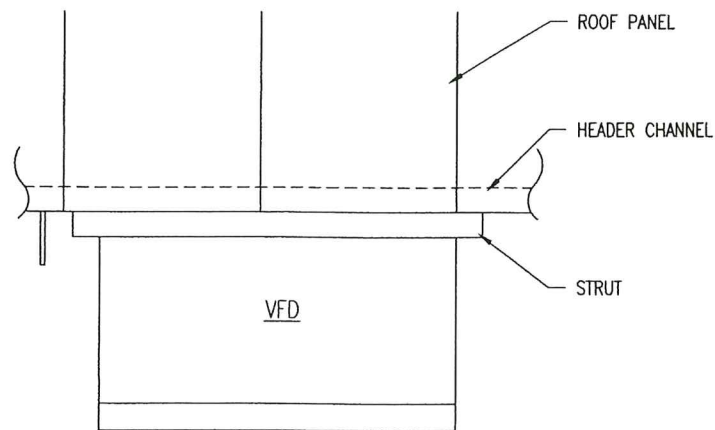


ROOF CURB ANGLE MOUNTING GUIDELINES AT BASE

AUG 03 2023

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as complying with the Florida
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Expiration Date 12/26/2024
By: *[Signature]*
Miami Data Product Control





*OVERHANG TO BE MAINTAINED IF POSSIBLE ON NEMA 1 BOXES.
*OVERHANG MUST BE MET OR EXCEEDED WHEN BOX IS NEMA 3R

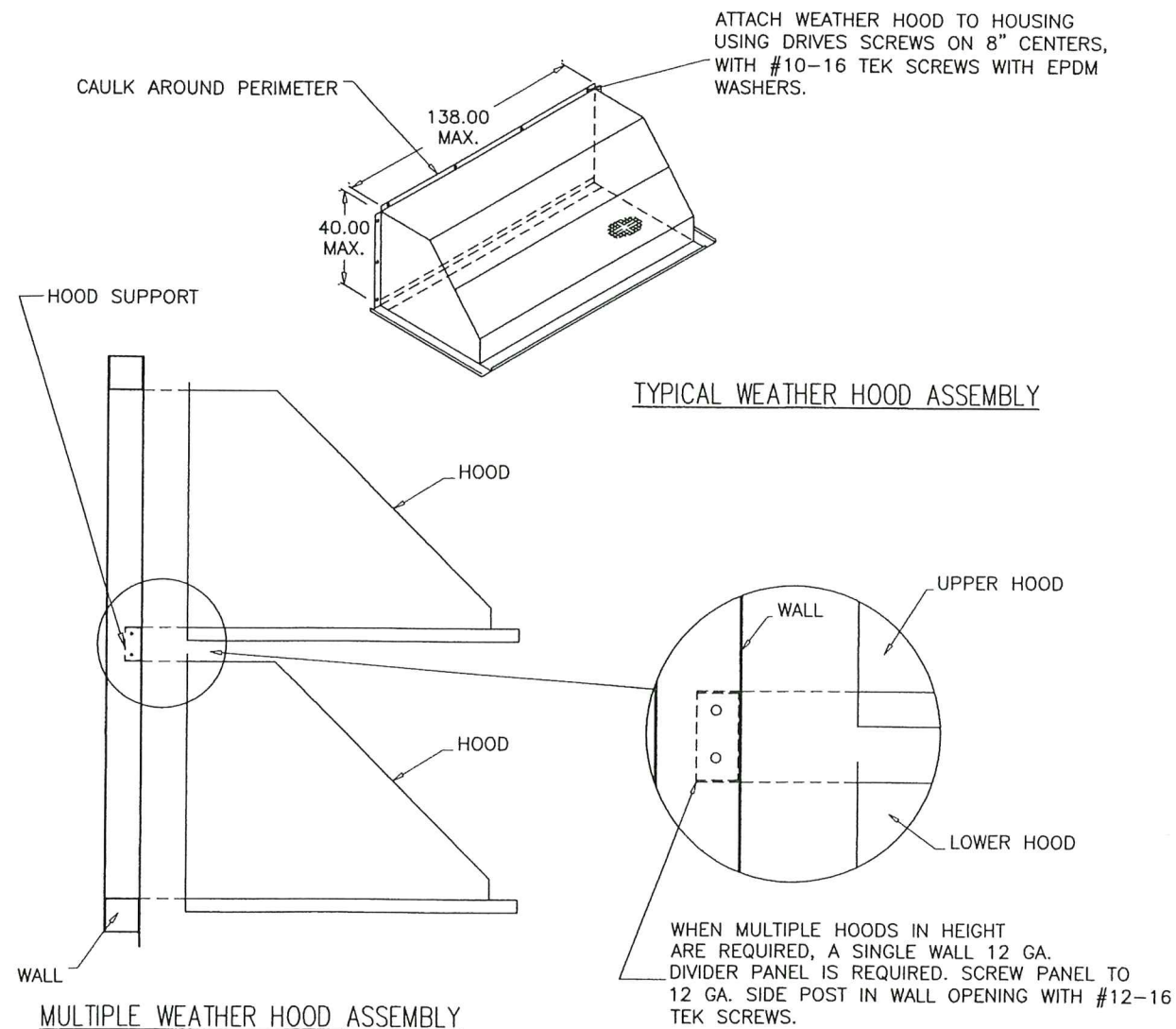
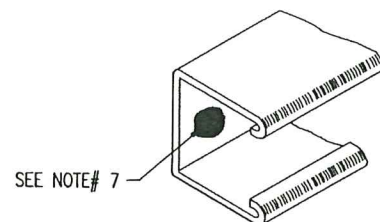
SURFACE MOUNT VFD MOUNTING DETAILS

DETAILING NOTES:

1. STRUTS FOR VFD'S WEIGHING MORE THAN 250lbs WILL BE MOUNTED WITH #12-16 TEK SCREW. DETERMINE FASTENER QTY PER STRUT USING THE FOLLOWING FORMULA: ROUND UP (WEIGHT OF PANEL DIVIDED BY 40), ADDITIONAL CHANNELS ADDED IN WALL PANEL BEHIND VFD'S.
2. STRUTS FOR VFD'S WEIGHING LESS THAN 250lbs WILL BE MOUNTED WITH #10-16 TEK SCREW. DETERMINE FASTENER QTY PER STRUT USING THE FOLLOWING FORMULA: ROUND UP (WEIGHT OF PANEL DIVIDED BY 30)

ASSEMBLY NOTES:

1. ELECTRIC DEPT. TO DRILL .313" DIAMETER HOLES IN THE UNISTRUT TO MATCH THE ABOVE SPACING FOR 250lbs AND OVER VFD'S.
2. CAULK PANEL SEAMS THAT WILL BE COVERED BY STRUT AND POWER PANEL.
3. ADD .13 X .75 GASKET TAPE TO BACK SIDE OF BOTH UPPER AND LOWER STRUTS. GASKET TAPE SHOULD BE CENTERED ON HOLE AND RUN THE FULL LENGTH OF THE STRUT.
4. FOR VFD'S 250lbs AND OVER, SCREW UPPER AND LOWER STRUTS TO WALL WITH #12-16 TEK SCREWS. FOR VFD UNDER 250lbs SCREW UPPER AND LOWER STRUT TO EXTERIOR USING #12-16 TEK SCREW.
5. DRILL TWO .4375 INCH DIAMETER HOLES FOR EACH PIECE OF STRUT IN THE BACK OF PANEL TO MATCH STRUTS LOCATIONS.
6. BOLT POWER PANEL/CONTROL PANEL TO STRUT USING .38 ELECTRIC SPRINGS NUTS AND .38 X 1.0 NC GRADE 2 HCS.
7. CAULKING STRUT IS NOT REQUIRED, BUT DRIVE SCREW HEADS SHOULD BE CAULKED ON OUTDOOR UNITS.



40" MAX. HOOD HEIGHT WHEN SINGLE HOOD IS USED
LIMIT MAX. HEIGHT TO 20" WHEN MULTIPLE HOODS ARE USED.

SIZING GUIDELINES:

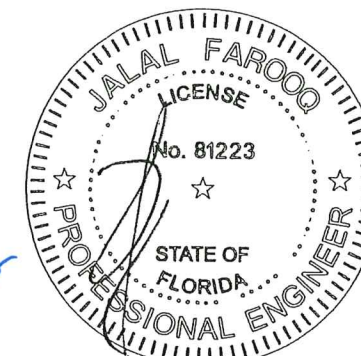
1. 60" WEATHER HOODS ARE AVAILABLE IN ANY HEIGHT FROM 12.00 INCHES TO 45.00 INCHES. ONLY BY SQ.
2. 90" WEATHER HOODS ARE AVAILABLE IN HEIGHTS UP TO 40".
3. WEATHER HOODS ARE AVAILABLE IN WHOLE NUMBER WIDTHS FROM 16.00 INCHES TO 138.00 INCHES.

MATERIAL:

1. STANDARD WEATHER HOOD MATERIAL IS 16GA PRE-PAINTED.

WEATHER HOOD SIZING & CONSTRUCTION GUIDELINES

PRODUCT REVISED
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By: *[Signature]*
Miami Data Product Control



AL-FAROOQ CORPORATION
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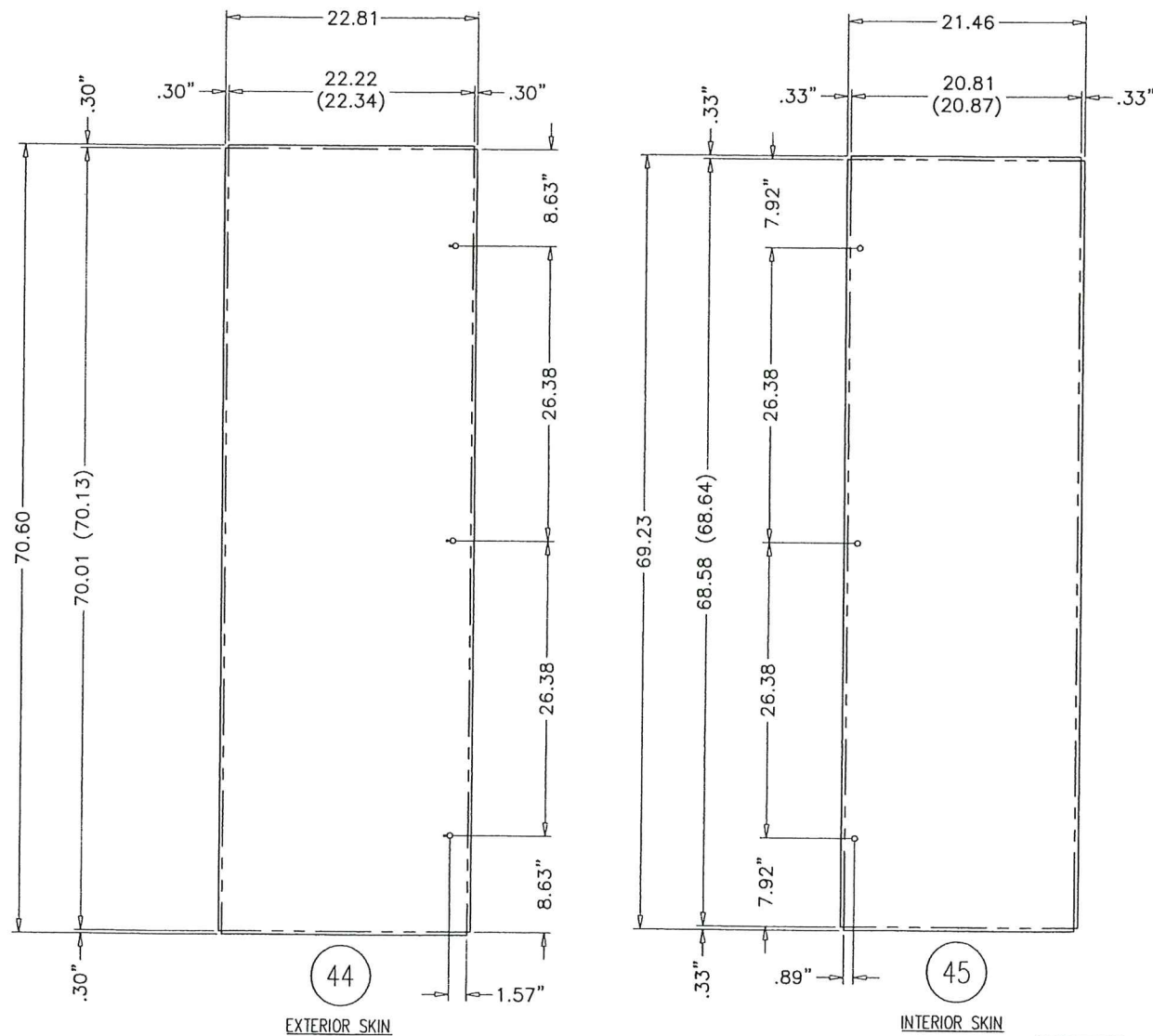
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scale: -
dr. by: TARIQ
chk. by:

drawing no.
12-06

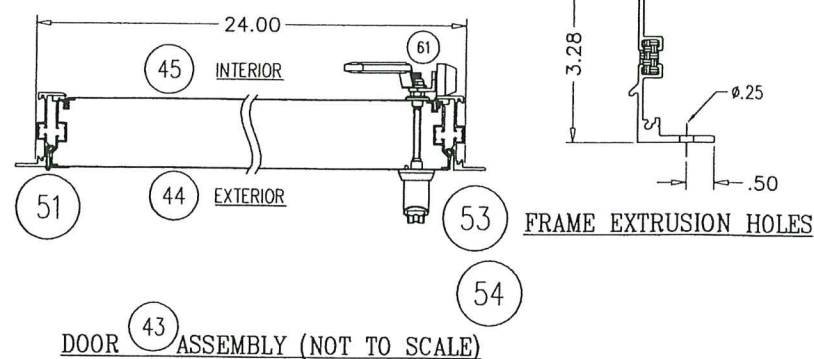
(sheet 17 of 19)

ALL DIMENSIONS SHOWN ARE IN INCHES.



NOTES:

1. STAINLESS DOOR FASTENERS REQUIRED.
2. DOOR EXTRUSION LENGTH TOLERANCES ARE ± 0.03 .
3. USE $1/32$ " RADIUS DIE TO FORM PARTS.
4. FINISHED SKIN DIMENSIONS ARE IN ("). TOLERANCE IS ± 0.05 .
5. DOOR SKINS ARE DRAWN BRAKES DOWN (PRE-PAINTED SIDE UP WHEN REQUIRED).
6. PAD-LOCKABLE DOOR HANDLES REQUIRED.
7. OUTSWING PRESSURIZED SAFETY LATCHES NOT REQUIRED.
8. HINGE LENGTH = 69.13.

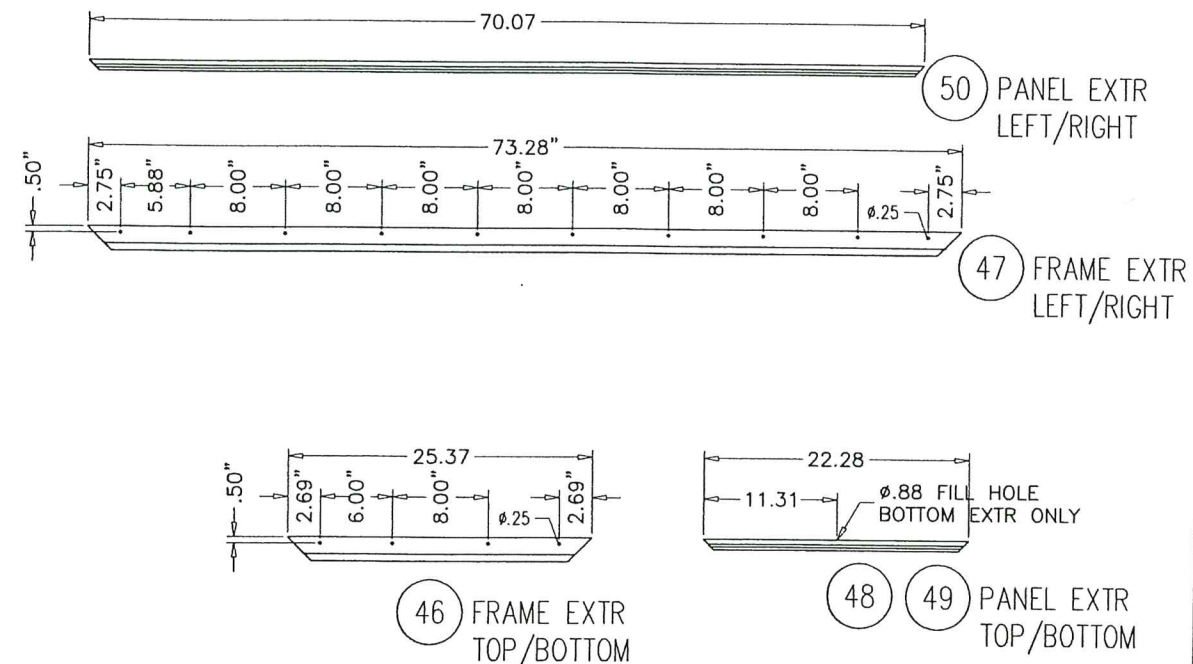


.080 ALUMINUM EXTERIOR SKIN & 20 GA. (.034" MIN.) INTERIOR SKIN
24 X 72 ACCESS DOOR LEFT HAND

OUTSWING DOOR WITH (3) ROTATIONAL DOOR LATCHES AT 6-1/2" TO 9-1/2" FROM EACH CORNER AND AT MIDPOINT
AND THERMAL BREAK ALUMINUM EXTRUDED Z FRAME

LEVEL	ITEM	PART NO. * = Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
43			1	LATCH STD	ACCESS DOOR 24.00 X 72.00 L-O	7.02	1
51		* 029 24600 000	1		PIANO HINGE 304SS		1
44			1	EXTERIOR SKIN	22.81 X 70.60 X SHEET, AL, 3003H14, .080		1
47			2	FRAME EXTR LTH	EXTRUSION, FRAME, TB, OUTSWING, 3 X 73.25		2
46			2	FRAME EXTR T/B	EXTRUSION, FRAME, TB, OUTSWING, 3 X 25.37		2
45			1	INTERIOR SKIN	21.46 X 69.23 X SHEET, GLV, G90, 20GA		1
61		* 021 30402 004	1	NUT	NUT, NYLOK, PLTD, .31-18		1
54		391 20028 001	2	OS LATCH ASSY	3" OS LATCH ASSY PLT		2
53		391 20030 001	1	OS LATCH ASSY	3" Pad Lock OS LATCH ASSY PLT		1
48			1	PANEL EXTR BTM	EXTRUSION, TB, DOOR, 3 X 22.28		1
50			2	PANEL EXTR L/R	EXTRUSION, TB, DOOR, 3 X 70.07		2
49			1	PANEL EXTR TOP	EXTRUSION, TB, DOOR, 3 X 22.28		1

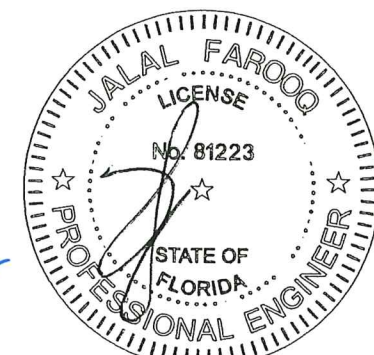
* ACTUAL DOOR HEIGHT IS 0.25" LESS THAN NOMINAL DOOR HEIGHT *



ACCESS DOOR
OPTION #1

AUG 03 2023

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 23-1107.01
 Expiration Date 12/26/2028
 By: Healy, A. Miller
 Miami Door Product Control



YORK Custom (PACE & Miller-Picking) Air Handler Unit
YORK/JOHNSON CONTROLS INC.
 1499 EAST PHILADELPHIA STREET
 YORK, PA. 17403
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 chk. by:

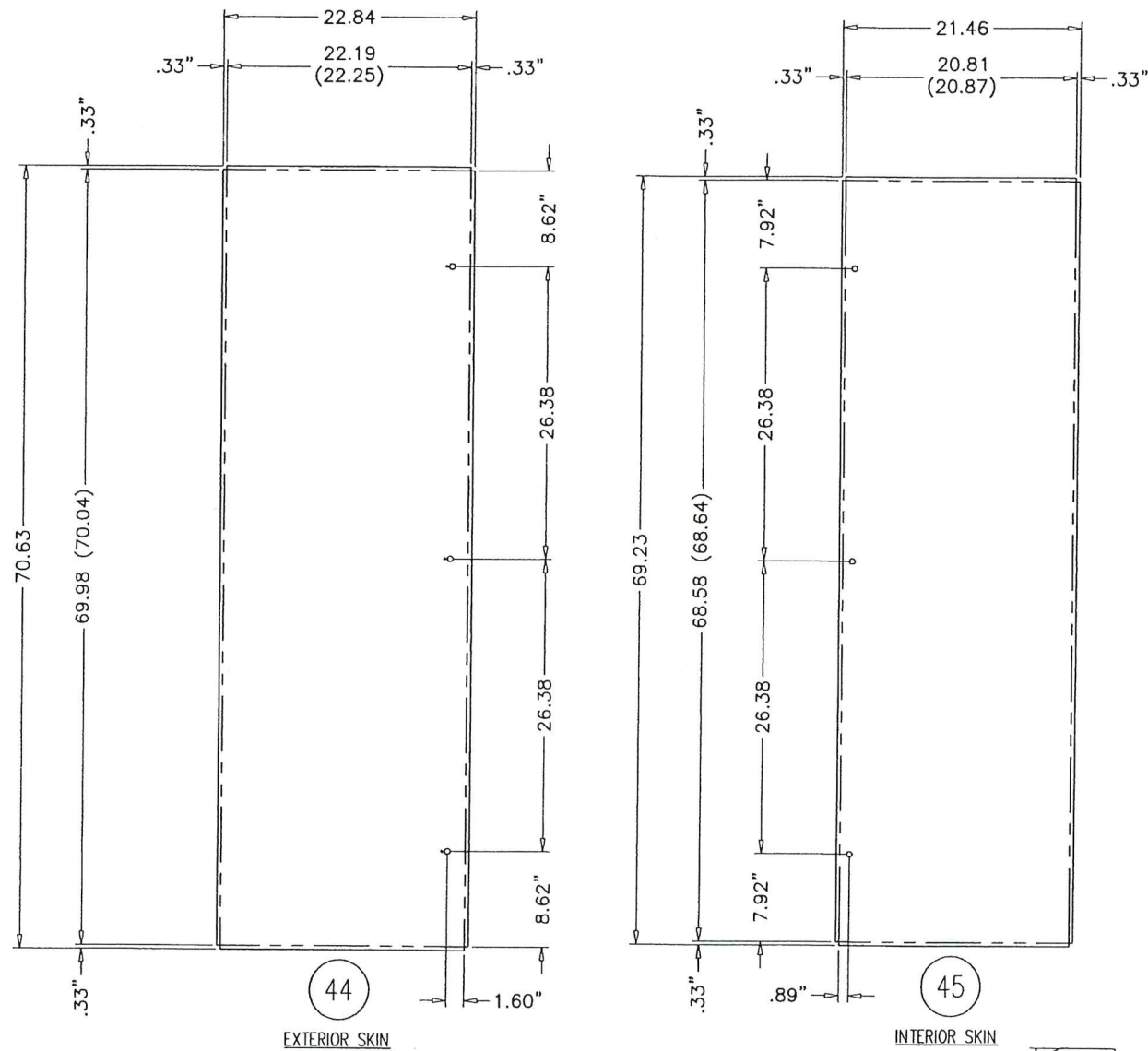
drawing no.
12-06

sheet 18 of 19

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 (C.A.N. 3538)

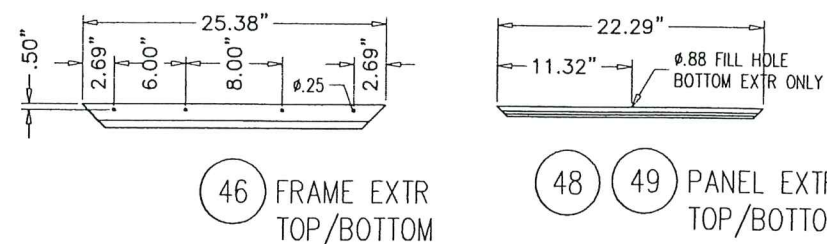
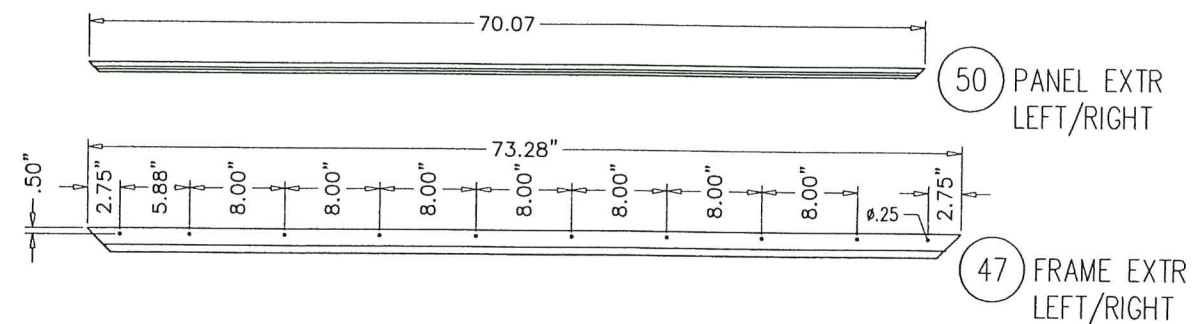
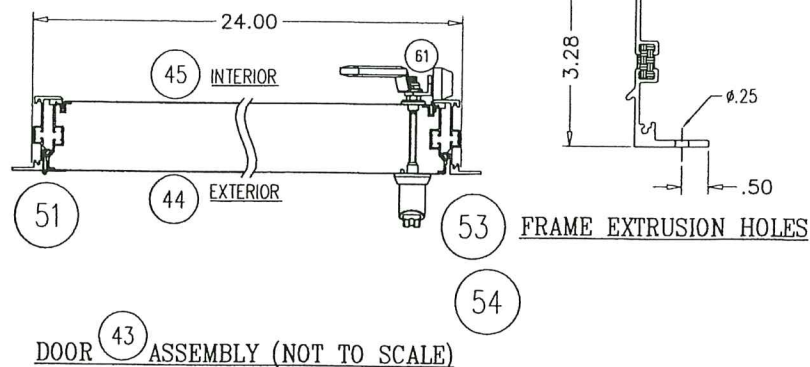
COOLER 12-06VIC

ALL DIMENSIONS SHOWN ARE IN INCHES.



NOTES:

1. STAINLESS DOOR FASTENERS REQUIRED.
2. DOOR EXTRUSION LENGTH TOLERANCES ARE ± 0.03 .
3. USE $1/32$ " RADIUS DIE TO FORM PARTS.
4. FINISHED SKIN DIMENSIONS ARE IN (). TOLERANCE IS ± 0.05 .
5. DOOR SKINS ARE DRAWN BRAKES DOWN (PRE-PAINTED SIDE UP WHEN REQUIRED).
6. PAD-LOCKABLE DOOR HANDLES REQUIRED.
7. OUTSWING PRESSURIZED SAFETY LATCHES REQUIRED.
8. HINGE LENGTH = 69.04.



LEVEL	ITEM	*PART NO. *Stocked	TOTAL QTY.	SORT FIELD	DESCRIPTION	SHEET/REF.	QTY. ONE
	43		1	LATCH STD	ACCESS DOOR 24.00 X 72.00 L-O	7.02	1
	51	* 029 24600 000	1	PIANO HINGE	304SS		1
	44		1	EXTERIOR SKIN	22.84 X 70.63 X SHEET, GLV, G90, 20GA		1
	47		2	FRAME EXTR LTCH	EXTRUSION, FRAME, TB, OUTSWING, 3 X 73.25		2
	46		2	FRAME EXTR T/B	EXTRUSION, FRAME, TB, OUTSWING, 3 X 25.37		2
	45		1	INTERIOR SKIN	21.46 X 69.23 X SHEET, GLV, G90, 20GA		1
	61	* 021 30402 004	1	NUT	NUT, NYLON, PLTD, .31-18		1
	54	391 20028 001	2	OS LATCH ASSY	3" OS LATCH ASSY PLT		2
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	49		1	PANEL EXTR TOP	EXTRUSION, TB, DOOR, 3 X 22.28		1

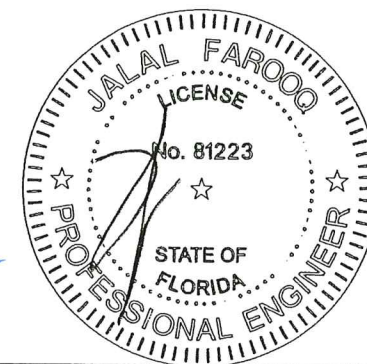
* ACTUAL DOOR HEIGHT IS 0.25" LESS THAN NOMINAL DOOR HEIGHT *

20 GA. (.034" MIN.) STEEL EXTERIOR & INTERIOR SKIN
24 X 72 ACCESS DOOR LEFT HAND

OUTSWING DOOR WITH (3) ROTATIONAL DOOR LATCHES AT 6-1/2" TO 9-1/2" FROM EACH CORNER AND AT MIDPOINT
AND THERMAL BREAK ALUMINUM EXTRUDED Z FRAME

ALL DIMENSIONS SHOWN ARE IN INCHES.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1107.01
Expiration Date 12/26/2028
By: *Healy A. Miller*
Miami Door Product Control



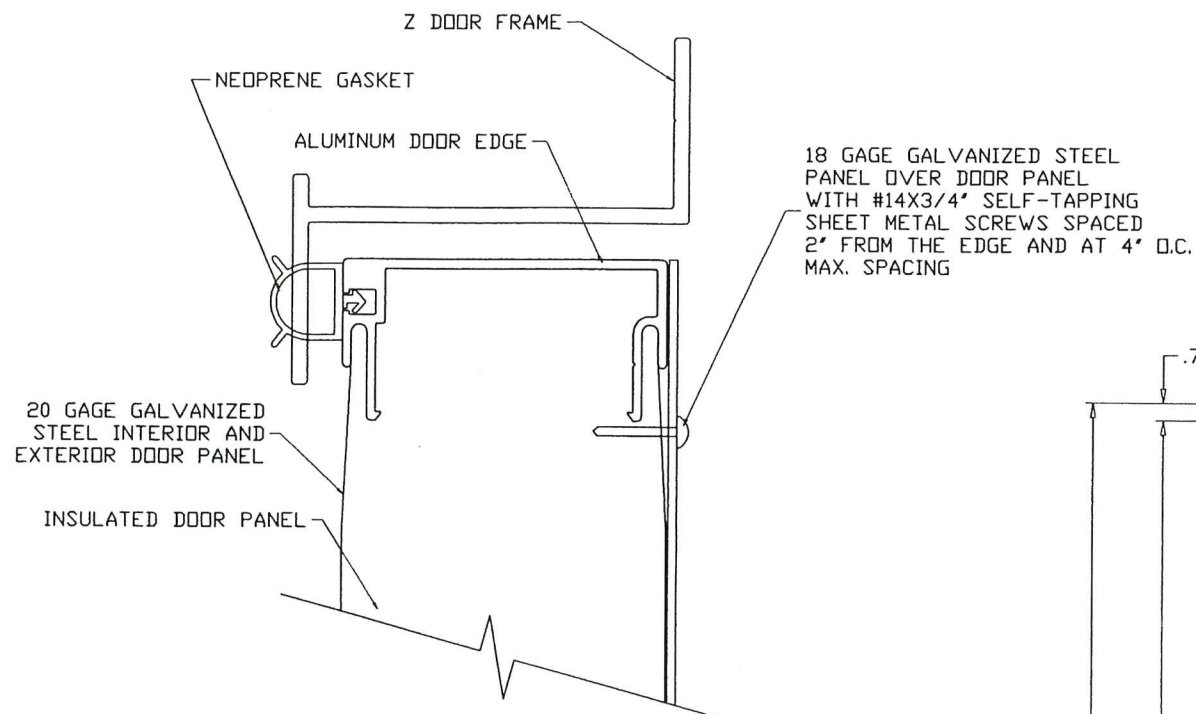
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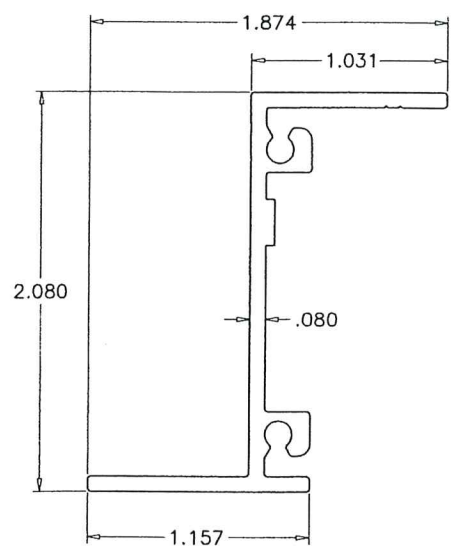
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dr. by: TARIQ
chk. by:
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sheet 19 of 19

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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TEL. (305) 264-8100 FAX. (305) 262-6978
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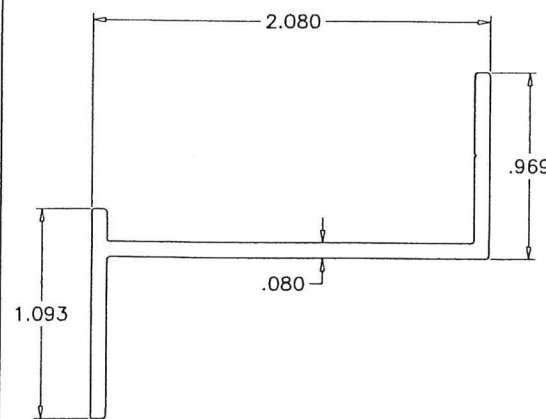
COOLER 12-06YC



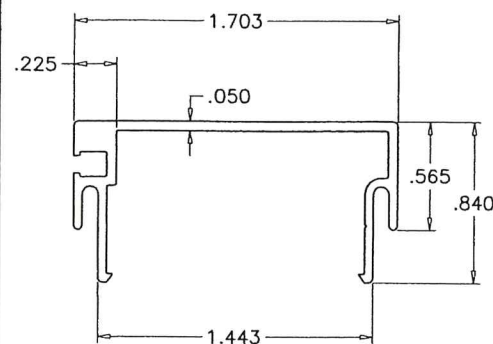
ENLARGED DOOR EDGE DETAIL



NON THERMAL VERTICAL
Z FRAME



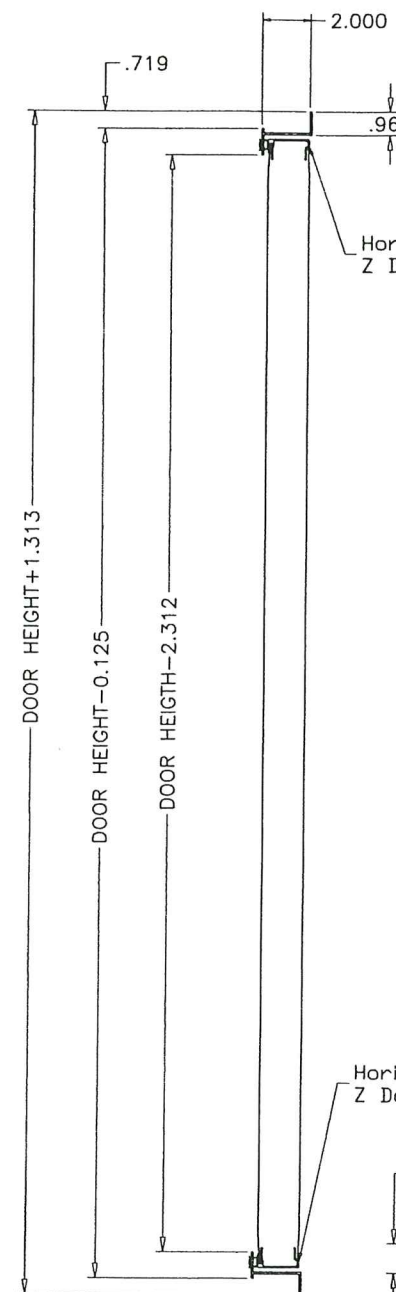
NON THERMAL HORIZONTAL
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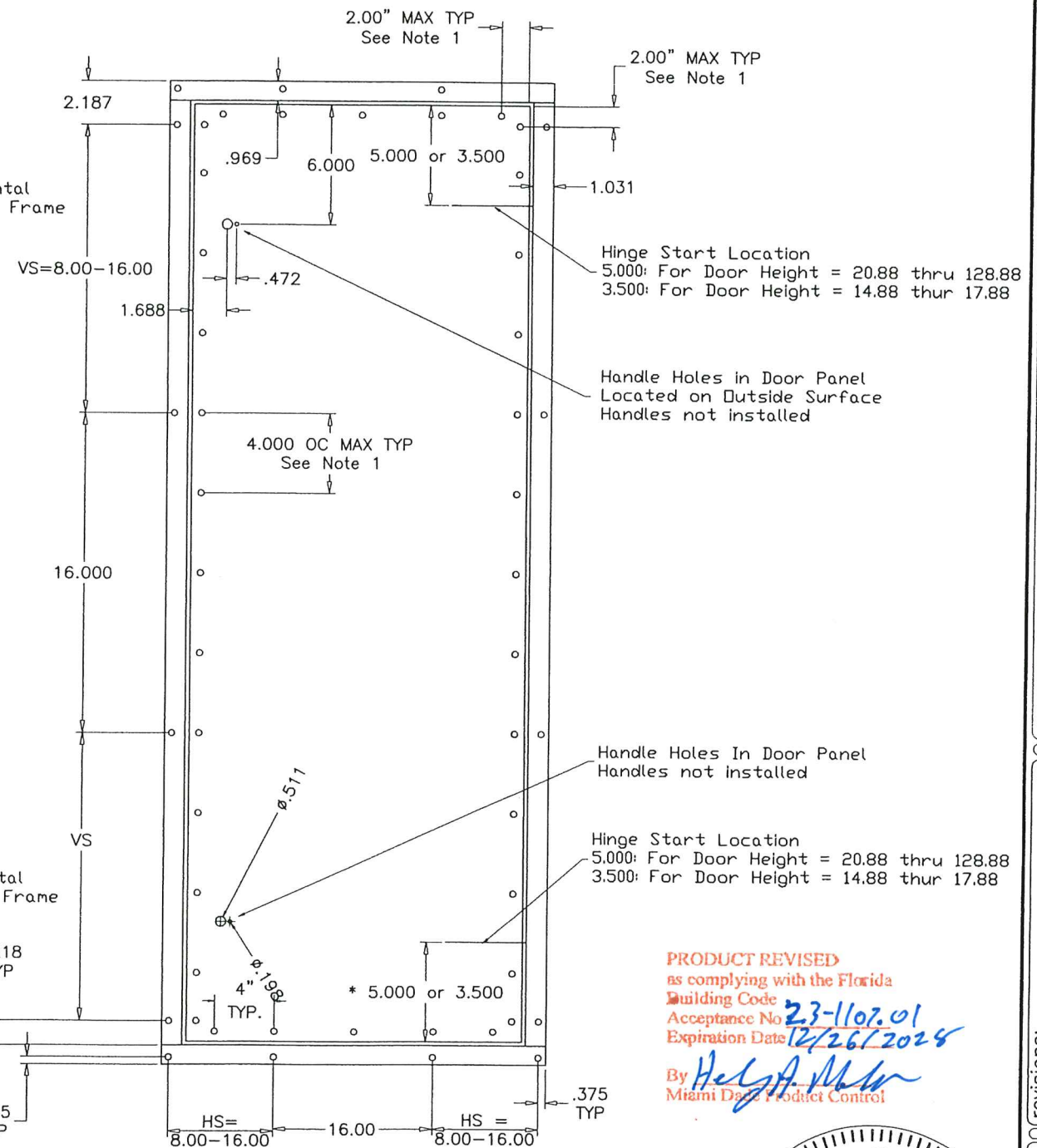
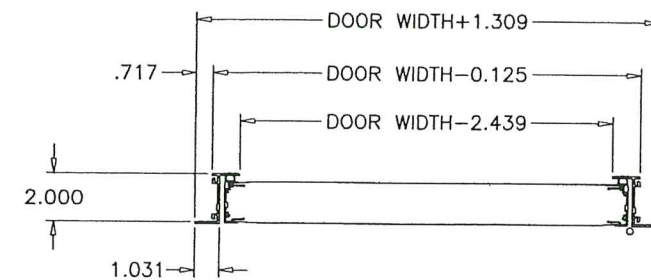
NON THERMAL DOOR PANEL
EDGE EXTRUSION

NOTES:
UNIT DOOR HEIGHT = UNIT HEIGHT - 6.125
PIPE CHASE DOOR HEIGHT = UNIT HEIGHT - 3.125

NOTE:
1. Access doors are 2.00" thick, double-wall construction of galvanized sheet steel. The interior and exterior liner construction shall consist of 20 gage sheet steel. Additionally, an 18 gage steel exterior panel shall be secured to the access door with #14 x 3/4" self-tapping sheet metal screws spaced 2" from the edge and at 4" O.C.



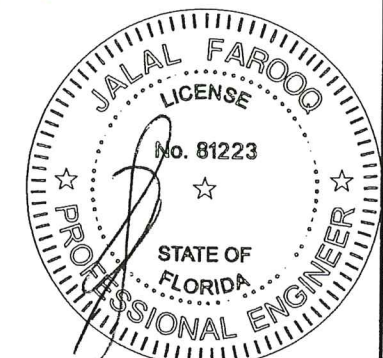
MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
(FOR DOOR SHOWN ON THIS SHEET) - 65.0 PSF



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-1102.01
Expiration Date 12/26/2028
By *Helga M. M.*
Miami Data Product Control

AUG 03 2023

ACCESS DOOR
OPTION #3



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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chk. by:

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COOLER 12-06YC

