



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)

NEXO USA Group Corp.  
1530 SW 124<sup>th</sup> PL  
Miami, FL 33184

### 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: "Metcoppo" Insulated Composite Structural Roof Panel

**APPROVAL DOCUMENT:** Drawing No. 17-14, titled "Metcoppo" Insulated Composite Structural Roof Panel, sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on September 27, 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 panel shall bear a permanent label with the manufacturer's name or logo, 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 and renews** NOA #21-0113.02 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

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



*Helmy A. Makar*  
01/04/2024

NOA No. 23-1012.08  
Expiration Date: 05/09/2029  
Approval Date: 01/04/2024  
Page 1

**NEXO USA Group Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0102.02**

**A. DRAWINGS**

1. *Drawing No. 17-14, titled "Metcoppo" Insulated Composite Structural Roof Panel, sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., on March 14, 2019.*

**B. TESTS**

1. *Wind and Wind Driven Rain Resistance of Discontinuous Roof Systems Test in accordance with TAS 100-95, prepared by Fenestration Testing Laboratory, Inc., Report No. 9065, signed and sealed by Idalmis Ortega, P.E.*
2. *Uniform Static Air Pressure Test in accordance with TAS 125-03, prepared by Fenestration Testing Laboratory, Inc., Report No. 9066, signed and sealed by Idalmis Ortega, P.E.*
3. *"Metcoppo" Insulated Composite Structural Roof Panel tested per ASTM B117-16, ASTM D635-14, ASTM D2843-16, prepared by Fenestration Testing Laboratory, Inc., Report No. 9050, signed and sealed by Idalmis Ortega, P.E.*

**C. CALCULATIONS**

1. *Calculation titled NEXO USA Group Corp., sheets 1 through 8, P-1 thru P-6, TR-1 & TR-2, A-1 thru A-9, AC-1 thru AC-5, M-1 thru M-3, M-4, M-5 & M-6, dated 09/07/18, prepared and signed and sealed by Javad Ahmad, P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *FBC, 2017 Edition compliance letter issued by Al-Farooq Corporation, signed & sealed by Javad Ahmad, P.E., on 09/07/18.*


**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0113.02**

**A. DRAWINGS**

1. *Drawing No. 17-14, titled "Metcoppo" Insulated Composite Structural Roof Panel, sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on January 12, 2021.*

**B. TESTS**

1. *None.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-1012.08  
Expiration Date: 05/09/2029  
Approval Date: 01/04/2024

**NEXO USA Group Corp.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**C. CALCULATIONS**

1. *Calculation titled NEXO USA Group Corp., sheets 1 through 8, dated 12/30/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on January 12, 2021.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *FBC, 2020 Edition compliance letter issued by Al-Farooq Corporation, signed & sealed by Jalal Farooq, P.E., on January 12, 2021.*

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 17-14, titled "Metcoppo" Insulated Composite Structural Roof Panel, sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., on September 27, 2023.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *None.*

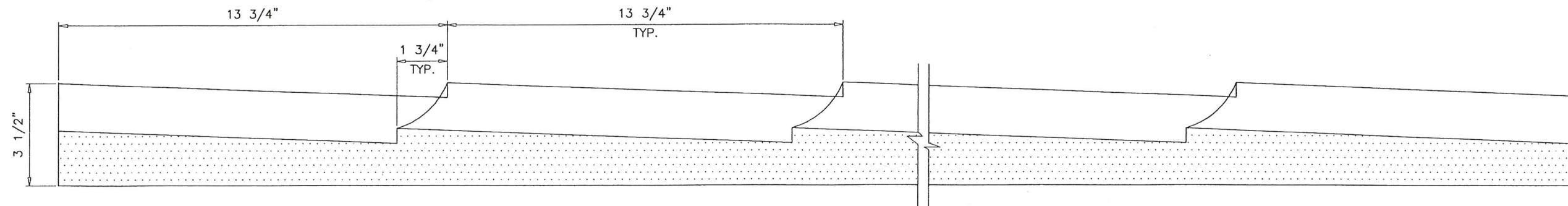
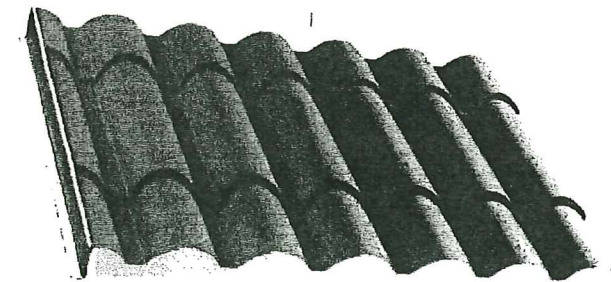
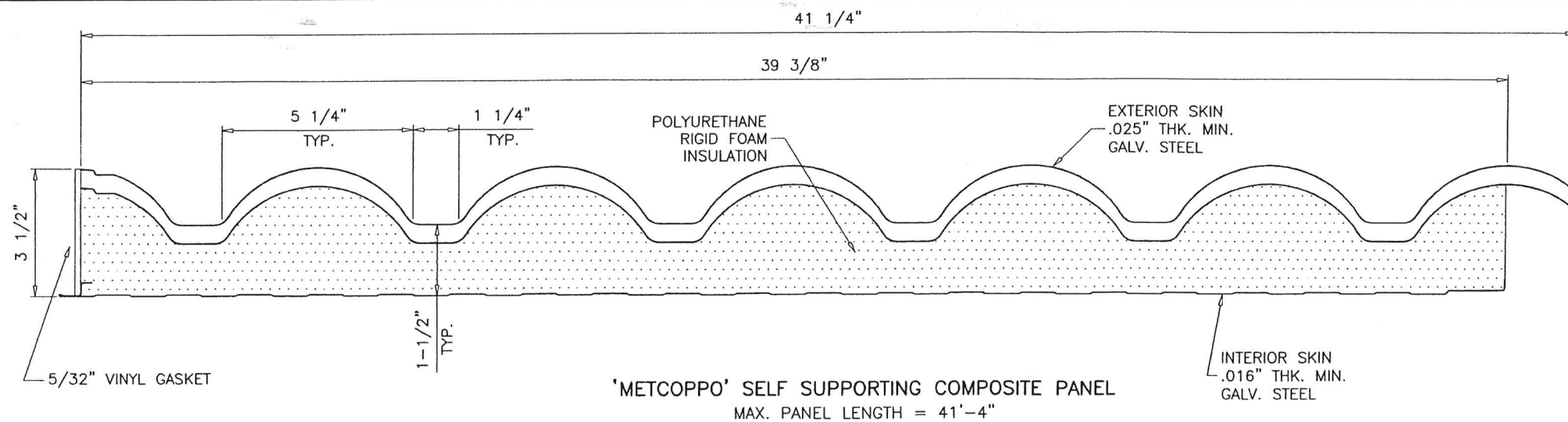
**F. STATEMENTS**

1. *FBC, 2023 Edition compliance letter issued by Al-Farooq Corporation, dated 09/26/2023, signed & sealed by Jalal Farooq, P.E., on 09/27/2023.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 23-1012.08  
Expiration Date: 05/09/2029  
Approval Date: 01/04/2024





'METCOPPO' PANEL SIDE VIEW

### 'METCOPPO' INSULATED COMPOSITE ROOF PANELS

SELF SUPPORTING COMPOSITE PANELS ANCHORED TO ROOF TRUSSES AND BEAMS.

#### APPROVAL APPLIES TO MULTIPLE PANEL INSTALLATIONS

MAX. DESIGN LOAD = + 52.5 PSF  
- 52.5 PSF

MAX. PANEL WIDTH = 3'-5-1/4"

MAX. PANEL LENGTH = 41'-4"

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).

THIS PRODUCT CONTROL APPROVAL IS FOR THE ROOF PANELS AS SHOWN ON THESE APPROVED DRAWINGS. BUILDING DIMENSIONS, DETAILS, UPLIFT, OVERTURNING, FOUNDATIONS, ROOF TRUSSES AND OTHER ELEMENTS SHALL BE DESIGNED BY A FLORIDA REGISTERED ENGINEER AND REVIEWED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

INSTALLATION OF ROOF ACCESSORIES SUCH AS FLASHINGS, STARTER STRIPS AND TRIM AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

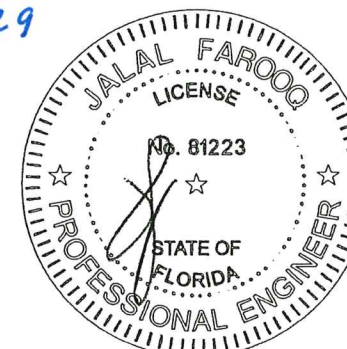
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

POLYURETHANE SHALL BE RIGID FOAM MIN. DENSITY #2 C.F.  
MAX. FLAME SPREAD RATING < 25 AS PER ASTM E-84  
SMOKE DEVELOPED INDEX < 185  
SPONTANEOUS-IGNITION TEMPERATURE: 600-800F

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.

DESIGN IS BASED ON TESTING IN ACCORDANCE WITH FLORIDA BUILDING CODE  
LARGE MISSILE IMPACT TEST, TAS 201-94.  
WIND DRIVEN RAIN TEST, TAS 100-95.  
STATIC AIR PRESSURE TEST, TAS 125-03.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012-08  
Expiration Date 05/09/2029  
By: *H. G. P. [Signature]*  
Miami Dade Product Control



SEP 27 2023

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

ROOFING 17-14NUG

---

'METCOPPO' INSULATED COMPOSITE ROOF PANELS

**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

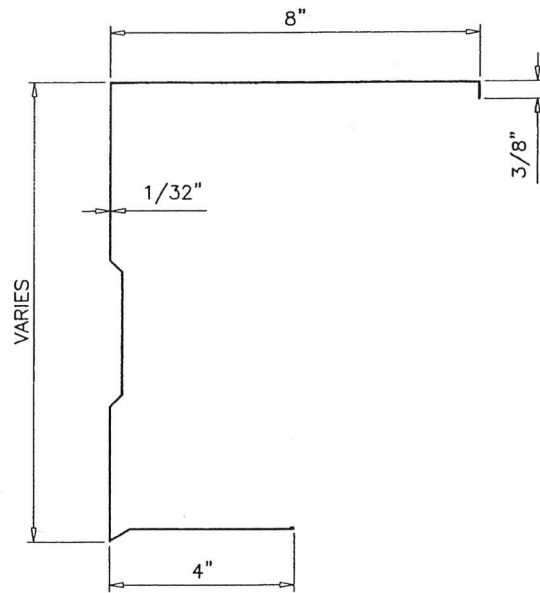
revisions:

no.	date	by	description
A	11.18.20		UPDATED TO 2020 FBC
B	09.19.23		UPDATED TO 2023 FBC

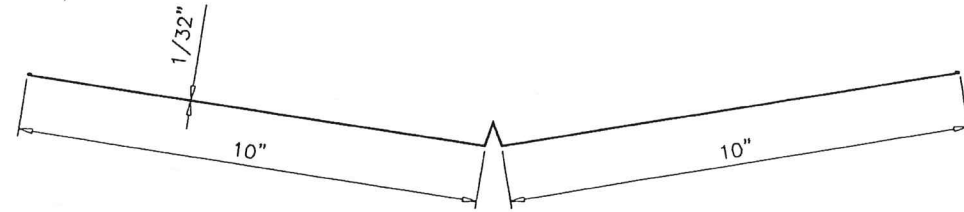
date: 08-25-17  
scale: 1/4" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**17-14**

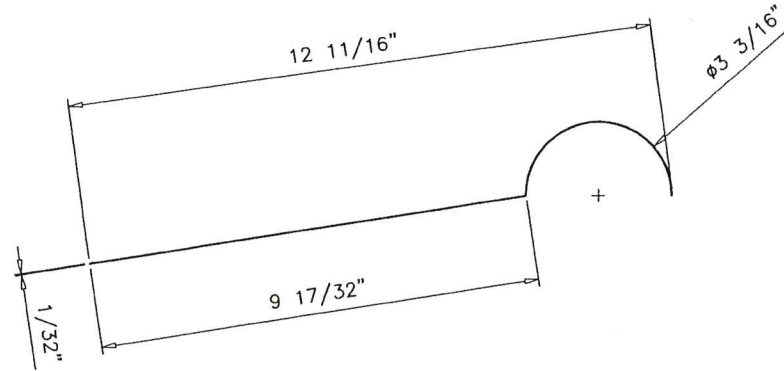
sheet 1 of 7



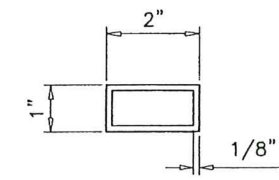
END FLASHING  
(GALV. STEEL)



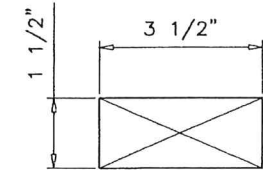
VALLEY FLASHING  
(GALV. STEEL)



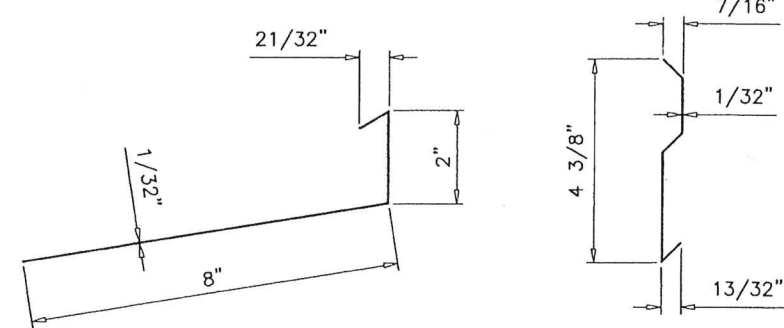
RIDGE FLASHING  
(GALV. STEEL)



METAL SUPPORT  
ALUMINUM (6063-T6)  
GALV. STEEL



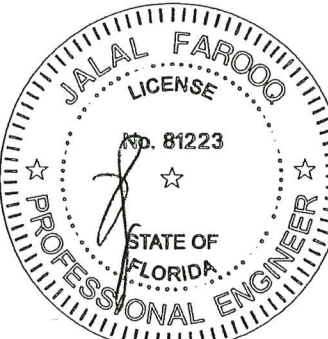
WOOD SUPPORT  
(2X4 WOOD BUCK)



STARTER FLASHINGS  
(GALV. STEEL)

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012-08  
Expiration Date 05/09/2029  
By: *Hegh. H. H.*  
Miami Data Product Control

SEP 27 2023



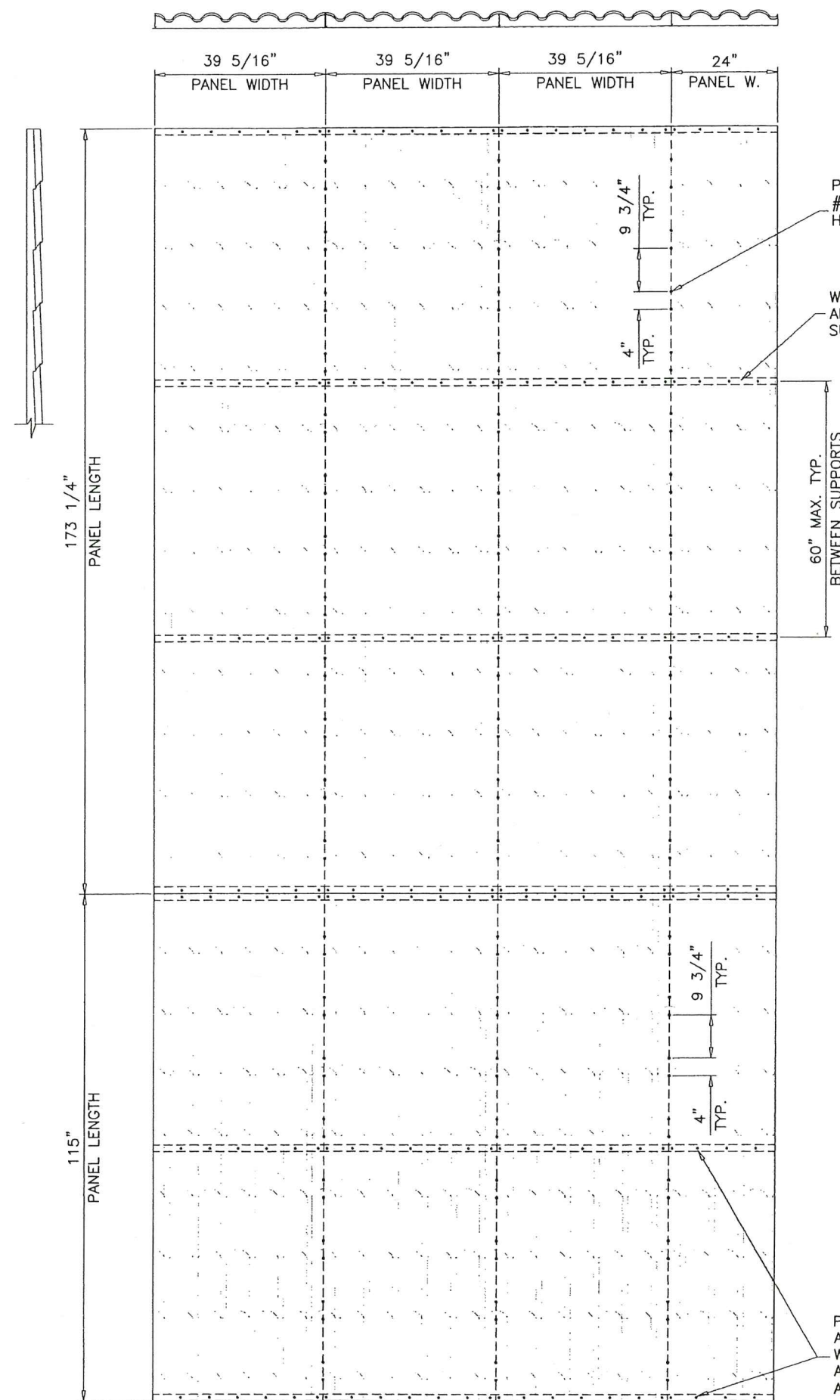
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978

'METCOPPO' INSULATED COMPOSITE ROOF PANELS  
**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

revisions:					
no	date	by	description		
A	11.18.20		UPDATED TO 2020 FBC		
B	09.19.23		NO CHANGE THIS SHEET		
date:		08-25-17			
scale:		1/4" = 1"			
dr. by:		TARIQ			
chk. by:					
drawing no.					
17-14					
sheet 2 of 7					

ROOFING 17-14NUG





TESTED UNIT  
PLAN VIEW

PANEL OVERLAP FASTENERS  
#14 X 3/4"  
HWH SELF DRILLING SCREWS

WOOD OR  
ALUMINUM  
SUPPORT

60" MAX. TYP.  
BETWEEN SUPPORTS

PANEL FASTENERS  
AT END SUPPORT  
WITH METALLIC WASHER  
AND BONDED EPDM WASHER

9 3/4"  
TYP.  
4"  
TYP.

PANEL FASTENERS  
AT SUPPORT LOCATIONS  
WITH METALLIC WASHER  
AND BONDED EPDM WASHER  
AT 6-1/2" O.C.

#### PANEL FASTENERS:

AT 6-1/2" O.C. MAX. (AT SUPPORT LOCATIONS)

#14 SMS (GRADE 2 CRS)

INTO WOOD SUPPORT

1-1/2" MIN. PENETRATION INTO WOOD

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)

1/4" DIA. ULTRAACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

DIRECTLY INTO CONCRETE

1-1/2" MIN. EMBED INTO CONCRETE

#14 SMS OR SELF-DRILLING SCREWS (GRADE 2 CRS)

INTO ALUMINUM SUPPORT

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

#### CRITICAL EDGE DISTANCE

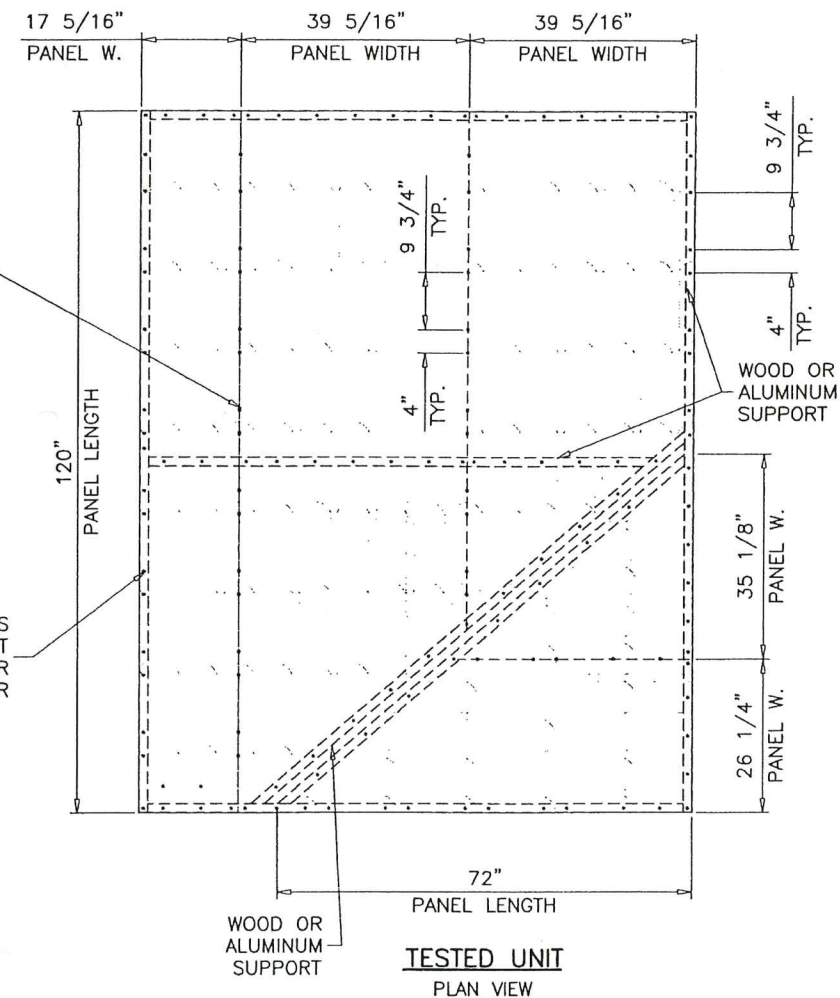
INTO WOOD SUPPORT = 3/4" MIN.

INTO CONCRETE = 2-1/2" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD SG = 0.55 MIN.

CONCRETE f'c = 3000 PSI MIN.



TESTED UNIT  
PLAN VIEW

#### SUPPORT FASTENERS:

AT 24" O.C. MAX. (AT ROOF TRUSSES)

#14 SMS (GRADE 2 CRS)

INTO WOOD TRUSSES

2" MIN. PENETRATION INTO WOOD

1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#### CRITICAL EDGE DISTANCE

INTO WOOD TRUSSES = 3/4" MIN.

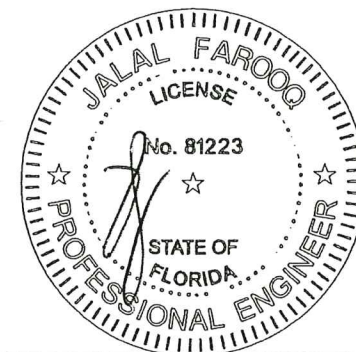
INTO METAL STRUCTURE = 3/4" MIN.

WOOD SG = 0.55 MIN.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012-08  
Expiration Date 05/09/2029

By *Hedy A. Velez*  
Miami Dade Product Control

SEP 27 2023



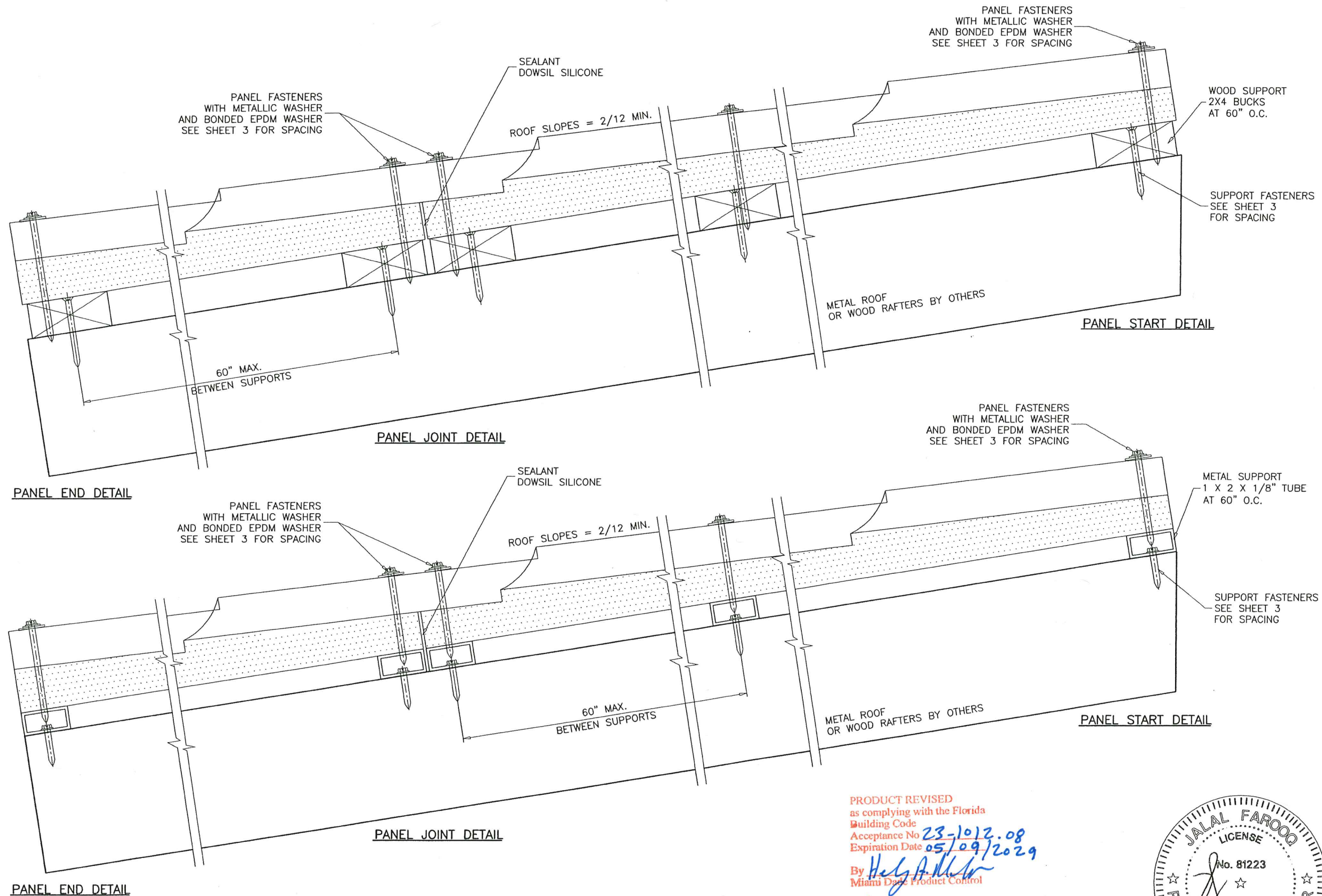
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978

'METCOPPO' INSULATED COMPOSITE ROOF PANELS  
**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

revisions:	no.	date	by	description
	A	11.18.20		UPDATED TO 2020 FBC
	B	09.19.23		NO CHANGE THIS SHEET
date:	08-25-17			
scale:	3/8"=1'-0"			
dr. by:	TARIQ			
chk. by:				
drawing no.	17-14			
sheet	3 of 7			

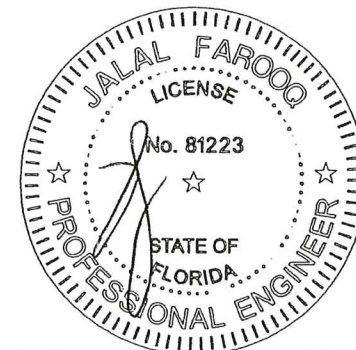
ROOFING 17-14NUG





PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012.08  
Expiration Date 05/09/2029  
By *Hedy A. Miller*  
Miami Dade Product Control

SEP 27 2023

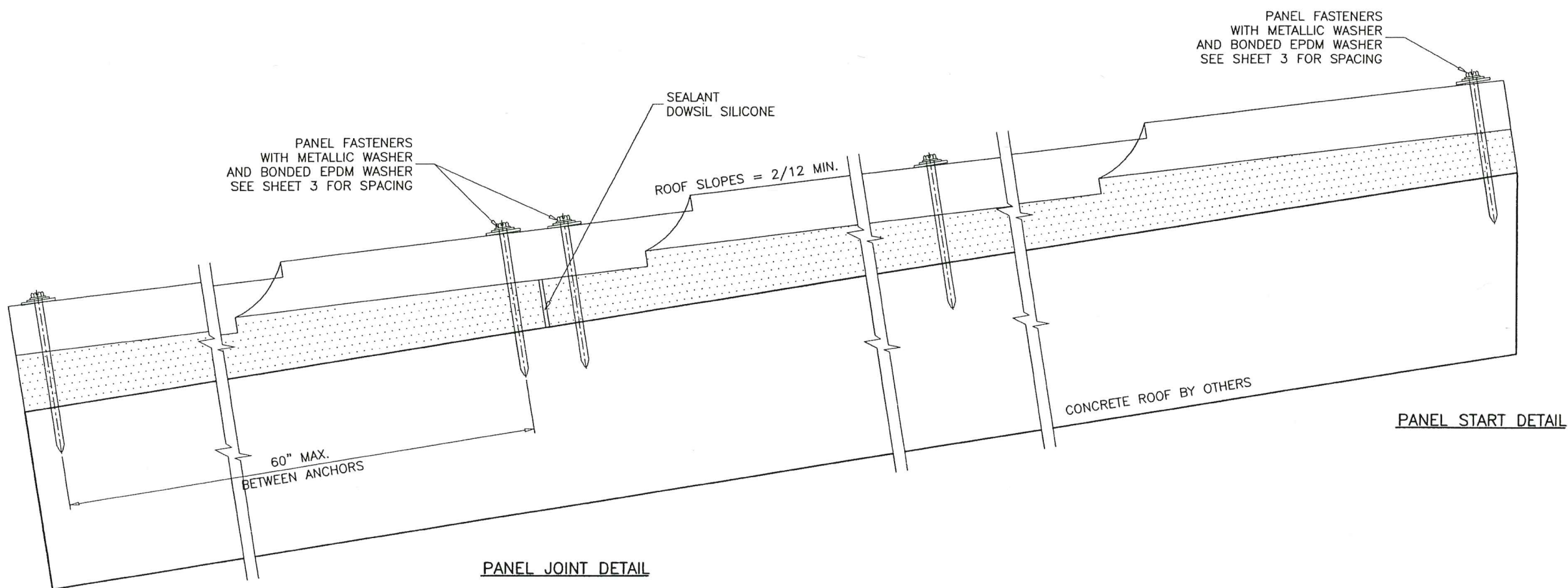


**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978

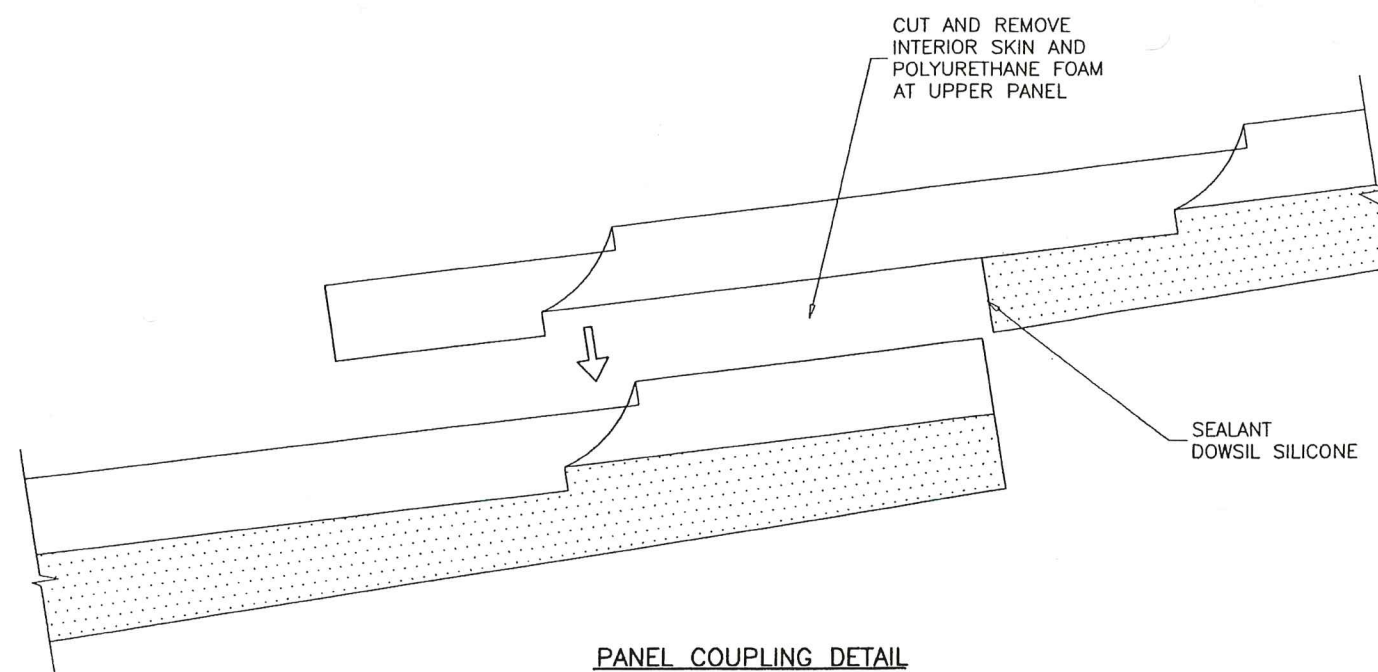
'METCOPPO' INSULATED COMPOSITE ROOF PANELS  
**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

revisions:		no.	date	by	description
date:	08-25-17	A	11.18.20		UPDATED TO 2020 FBC
		B	09.19.23		NO CHANGE THIS SHEET
scale:	1/4" = 1"				
dr. by:	TARIQ				
chk. by:					
drawing no.	17-14				
sheet	4 of 7				

ROOFING 17-14NUG



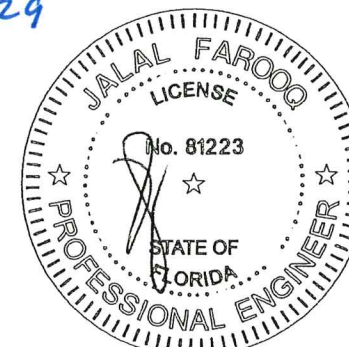
PANEL END DETAIL



PANEL COUPLING DETAIL

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012-08  
Expiration Date 05/09/2029  
By *Hedy A. Miller*  
Miami Dade Product Control

SEP 27 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)

ROOFING 17-14NUG

---

'METCOPPO' INSULATED COMPOSITE ROOF PANELS

**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

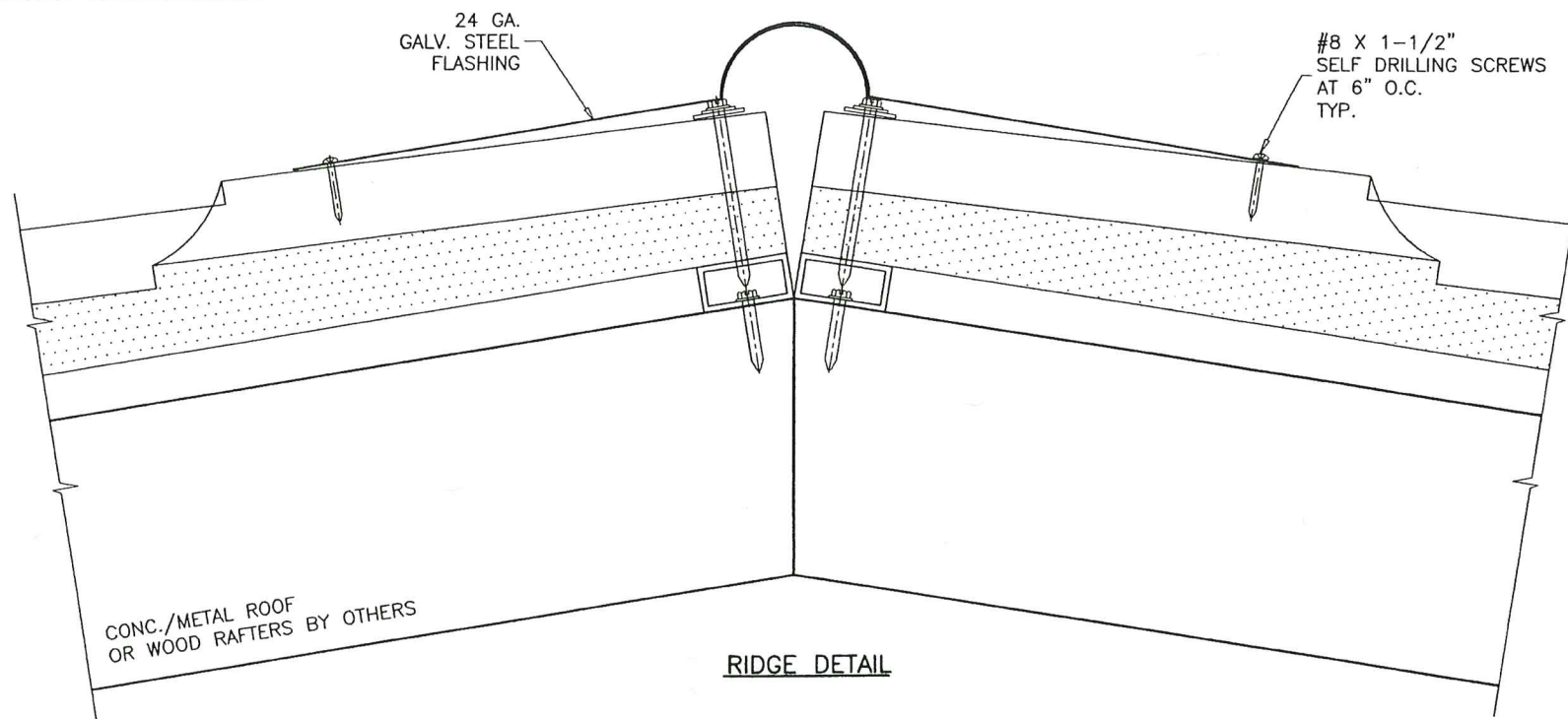
no.	date	by	description
A	11.18.20		UPDATED TO 2020 FBC
B	09.19.23		NO CHANGE THIS SHEET

---

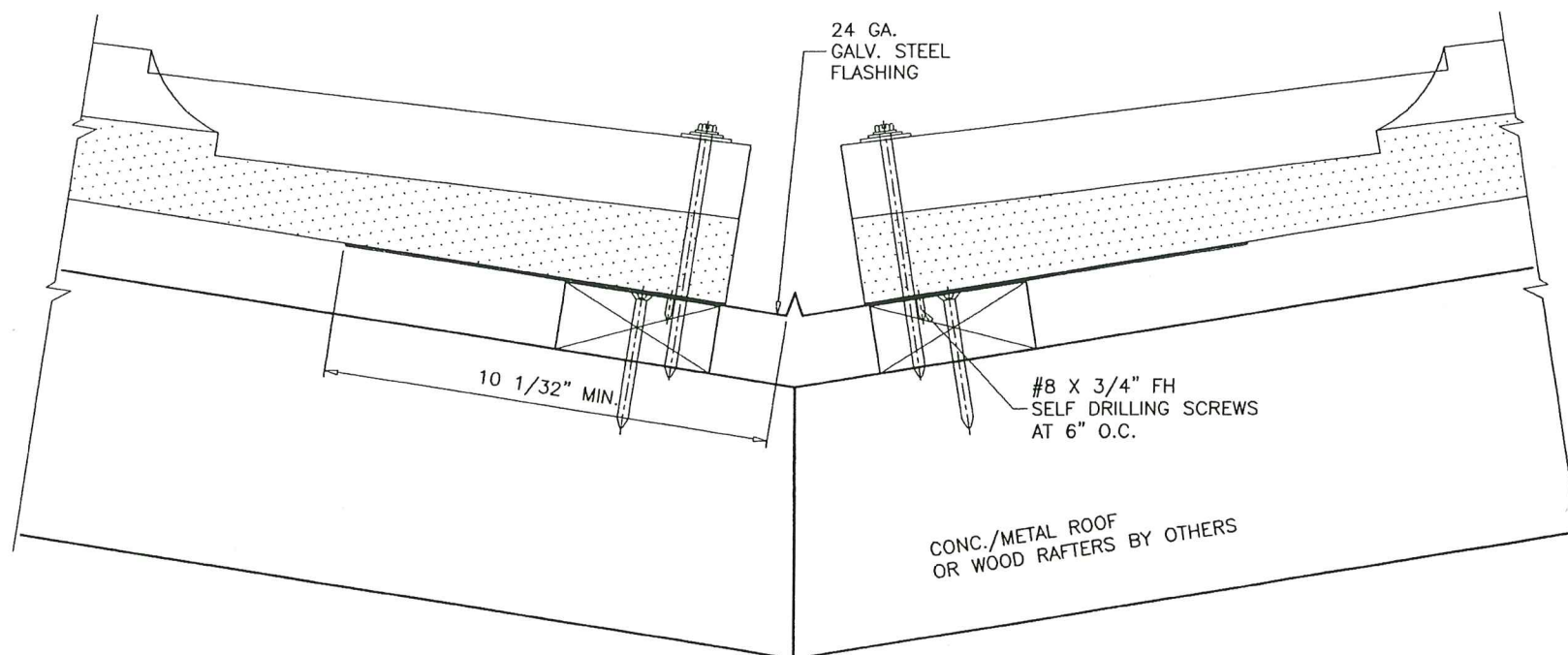
date: 08-25-17  
scale: 1/4" = 1"  
dr. by: TARIQ  
chk. by:

drawing no.  
**17-14**  
sheet 5 of 7

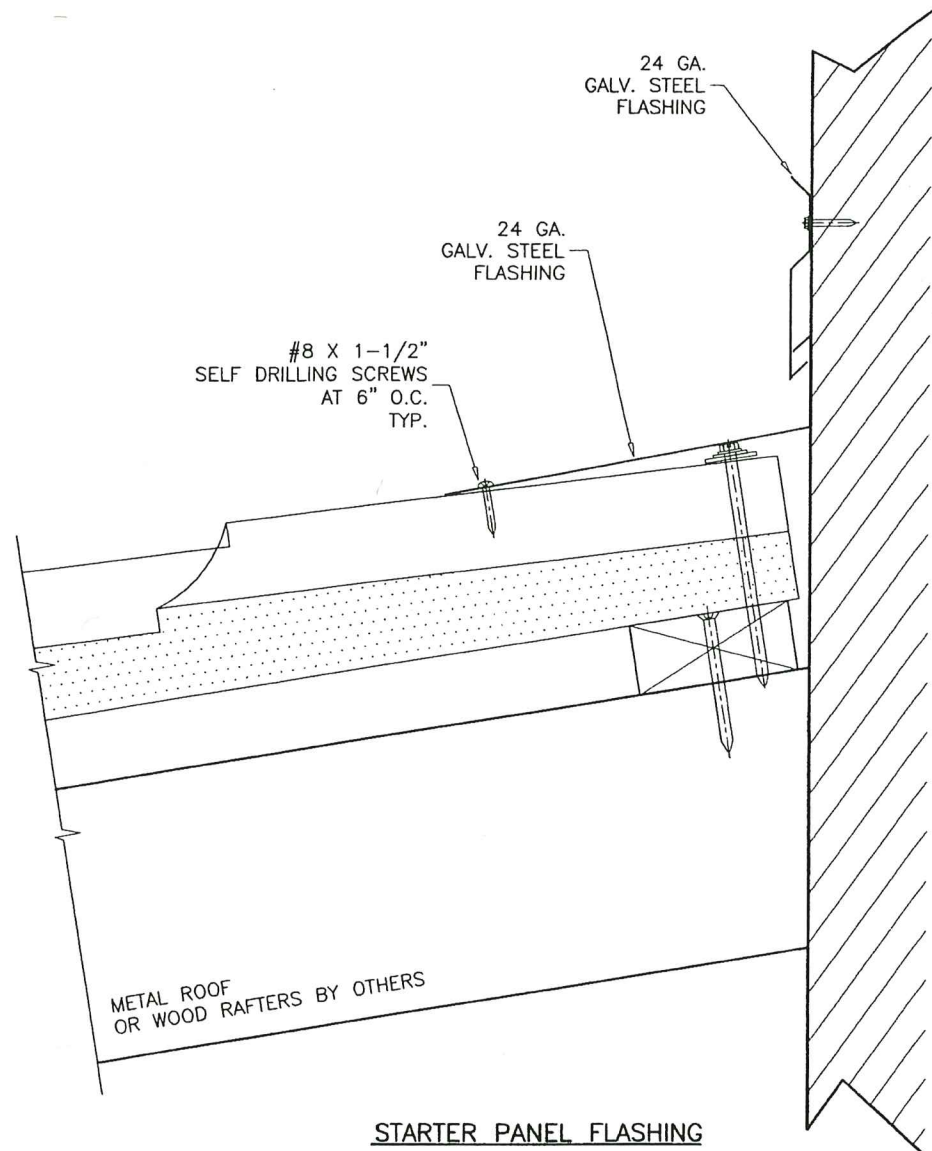




RIDGE DETAIL



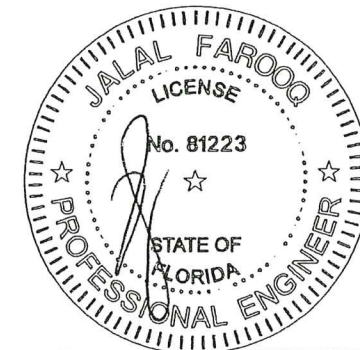
VALLEY DETAIL



STARTER PANEL FLASHING

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012-08  
Expiration Date 05/09/2029  
By *Heidi A. V...*  
Miami Date Product Control

SEP 27 2023



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

**af c**

ROOFING 17-14NUG

**'METCOPPO' INSULATED COMPOSITE ROOF PANELS**

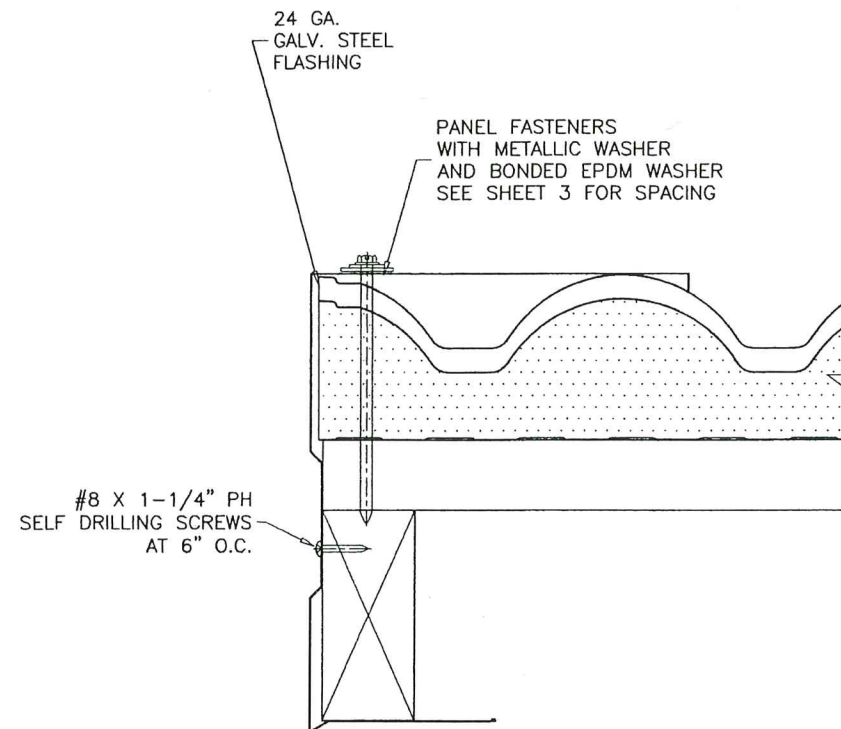
**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

revisions:

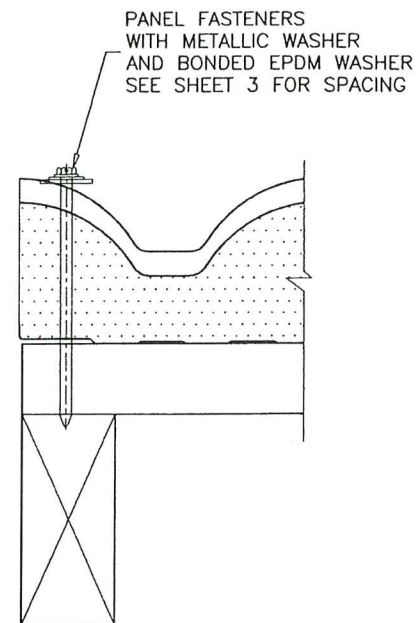
no.	date	by	description
A	11.18.20		UPDATED TO 2020 FBC
B	09.19.23		NO CHANGE THIS SHEET

date: 08-25-17  
scale: 1/4" = 1"  
dr. by: TARIQ  
chk. by:

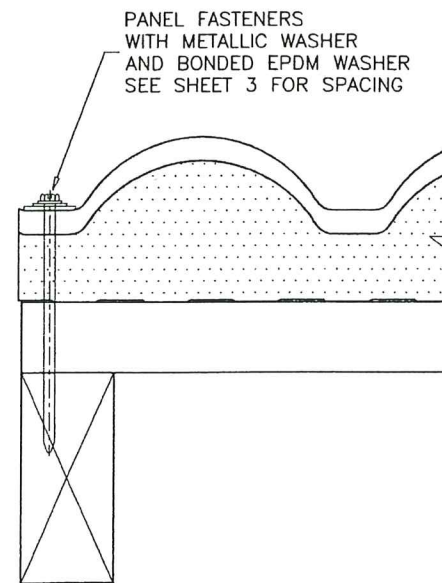
drawing no.  
**17-14**  
sheet 6 of 7



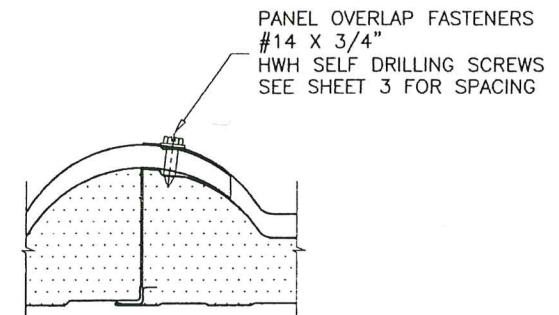
**PANEL SIDE DETAIL**  
WITH FLASHING



**PANEL SIDE DETAIL**  
WITHOUT FLASHING



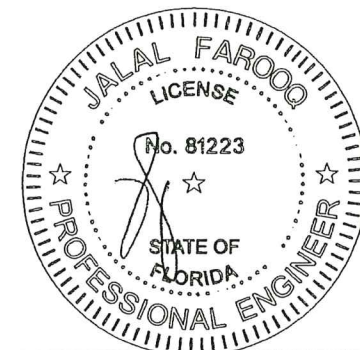
**PANEL SIDE DETAIL**  
WITHOUT FLASHING



**TYP. COUPLING DETAIL**

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 23-1012.08  
Expiration Date 05/09/2029  
By: *H. A. M. M.*  
Miami Dade Product Control

SEP 27 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)

'METCOPPO' INSULATED COMPOSITE ROOF PANELS  
**NEXO USA GROUP, CORP.**  
1530 S.W. 124 PLACE  
MIAMI, FL. 33184  
PHONE: (786) 325-2711 FAX: (305)

revisions:	no.	date	by	description
	A	11.18.20		UPDATED TO 2020 FBC
	B	09.19.23		NO CHANGE THIS SHEET
date:	08-25-17			
scale:	1/4" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	17-14			
sheet	7 of 7			

ROOFING 17-14NUG