



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Metl-Span, a Nucor Company
1720 Lakepointe Drive, Suite 101
Lewisville, Texas 75057

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: CF Vertical and Horizontal Wall Panel

APPROVAL DOCUMENT: Drawing No. C2676, titled "CF Vertical & Horizontal Panels", sheets 1 through 3 of 3, prepared by Bala Sockalingam, P.E., dated July 21, 2023, signed and sealed by Bala Sockalingam, P.E., on July 21, 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, Lewisville, TX, Prince George and Colonial Heights, VA, North Las Vegas, NV, Shelbyville, IN, Mattoon, IL, Jackson, 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 NOA #22-0214.05 and consists of this page 1, evidence submitted pages E-1, E-2 and E-3 as well as approval document mentioned above.

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



Helmy A. Makar
10/05/2023

NOA No. 23-0803.08
Expiration Date: 09/10/2025
Approval Date: 10/05/2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #14-1112.03

A. DRAWINGS

1. *Drawing No. C1961, titled "CF Vertical & Horizontal Panels", sheets 1 through 3 of 3, prepared by Bala Sockalingam, P.E., dated October 14, 2014, signed and sealed by Bala Sockalingam, P.E., on August 04, 2015.*

B. TESTS

1. *Test report on Large Missile Impact Test per TAS 201, Cyclic Wind Pressure Test per TAS 203, and Uniform Static Air Pressure Test per TAS 202 on CF 36 and 24 interlocking insulated metal Wall Panel System, prepared by Intertek Architectural Testing, Report No. D9038.01-801-18, dated September 08, 2014, signed and sealed by Shawn G. Collins, P.E.*
2. *UL File R9865, dated June 08, 2011, Revised March 19, 2012 Report on Foamed Plastic, reviewed by James F. Smith.*

C. CALCULATIONS

1. *Calculations titled "Metl-Span CF-36, 30, 24, 18, & 12 Wall Panel System", dated October 16, 2014, pages 1 through 14 of 14, prepared by Bala Sockalingam, P.E., signed and sealed by Bala Sockalingam, P.E., on October 16, 2014.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Tensile Test per ASTM E 8, Report No. D9038.01-801-18, prepared by Architectural Testing dated 09/08/2014, signed & sealed by Shawn G. Collins, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #17-0727.04

A. DRAWINGS

1. *Drawing No. C1961, titled "CF Vertical & Horizontal Panels", sheets 1 through 3 of 3, prepared by Bala Sockalingam, P.E., dated 10/14/2014, revision A dated July 14, 2017, signed and sealed by Bala Sockalingam, P.E., on July 17, 2017.*

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, 2014 & 2017 Editions compliance letter prepared by Bala Sockalingam, P.E., dated 08/24/2017, signed and sealed by Bala Sockalingam, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0803.08
Expiration Date: 09/10/2025
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-1013.01

A. DRAWINGS

1. *Drawing No. C2375, titled "CF Vertical & Horizontal Panels", sheets 1 through 3 of 3, prepared by Bala Sockalingam, P.E., dated March 12, 2021, signed and sealed by Bala Sockalingam, P.E., on March 13, 2021.*

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, 2020 Edition compliance letter prepared by Bala Sockalingam, P.E., dated 03/13/2021, signed and sealed by Bala Sockalingam, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #22-0214.05

A. DRAWINGS

1. *Drawing No. C2534, titled "CF Vertical & Horizontal Panels", sheets 1 through 3 of 3, prepared by Bala Sockalingam, P.E., dated March 12, 2021, signed and sealed by Bala Sockalingam, P.E., on January 22, 2022.*

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, 2020 Edition compliance letter prepared by Bala Sockalingam, P.E., dated 01/25/2022, signed and sealed by Bala Sockalingam, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0803.08
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. C2676, titled "CF Vertical & Horizontal Panels", sheets 1 through 3 of 3, prepared by Bala Sockalingam, P.E., dated July 21, 2023, signed and sealed by Bala Sockalingam, P.E., on July 21, 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

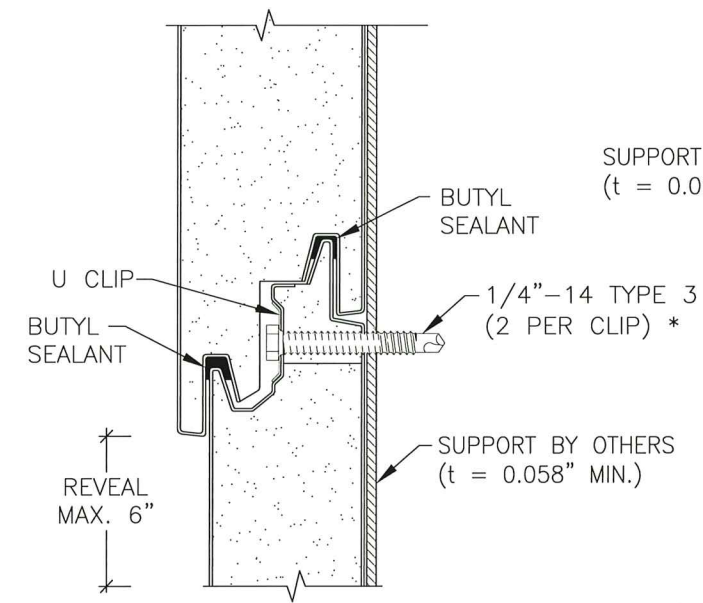
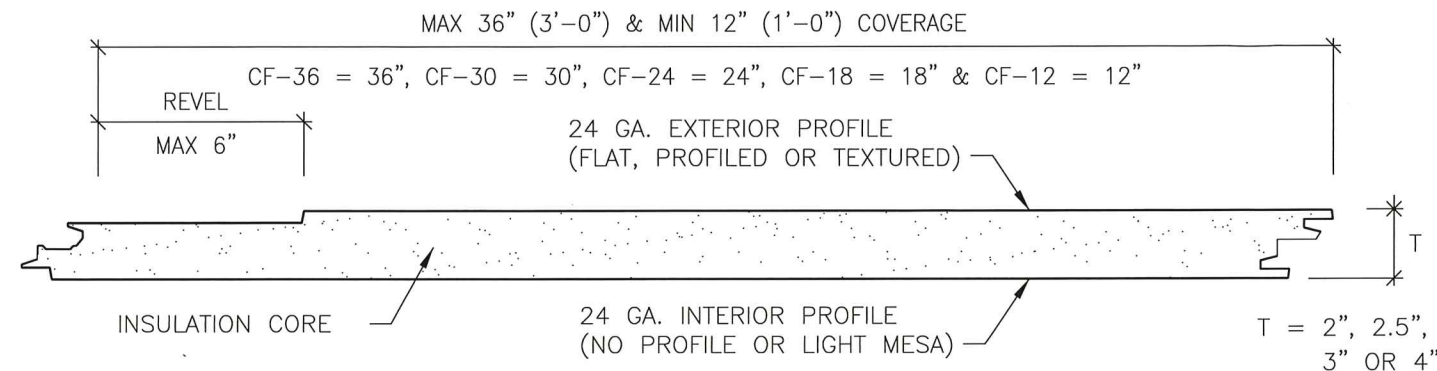
1. *None.*

F. STATEMENTS

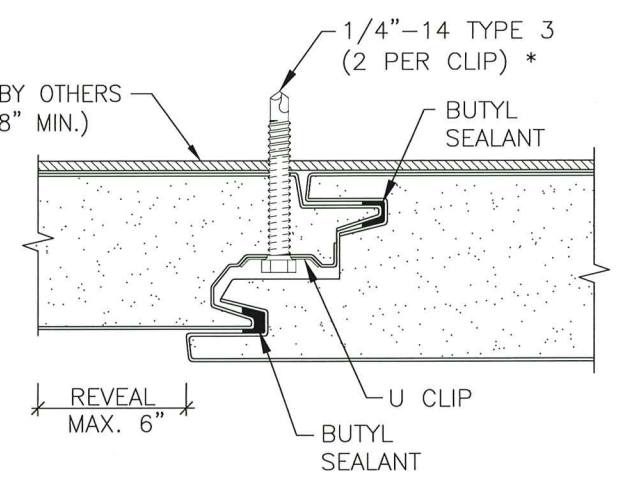
1. *FBC, 2020 Edition and 2023 Edition compliance letter prepared by Bala Sockalingam, P.E., dated 07/21/2023, signed and sealed by Bala Sockalingam, P.E. on 07/21/2023.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0803.08
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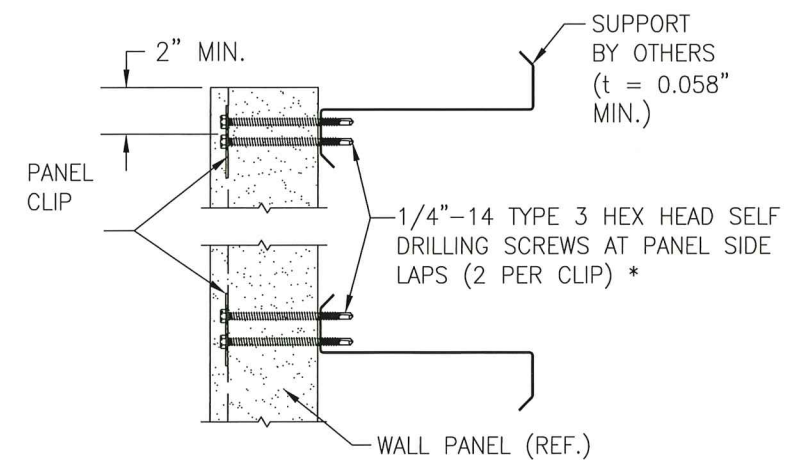


PANEL SIDELAP ELEVATION SECTION VIEW
FOR HORIZONTAL ORIENTATION

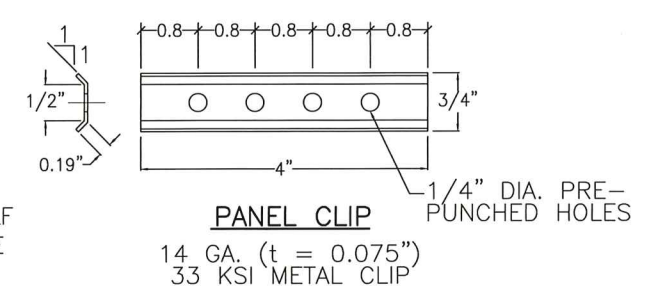


PANEL SIDELAP PLAN SECTION VIEW
FOR VERTICAL ORIENTATION

* IN LIEU OF 1/4"-14 TYPE 3, #14 TYPE A, B OR AB 304 STAINLESS SELF TAPPING SCREWS MAY BE USED. IN LIEU OF ABOVE FASTENERS, #12-24 TYPE 5 SDS MAY BE USED FOR SUPPORTS THICKER THAN 0.100".



PANEL SIDELAP SIDE VIEW



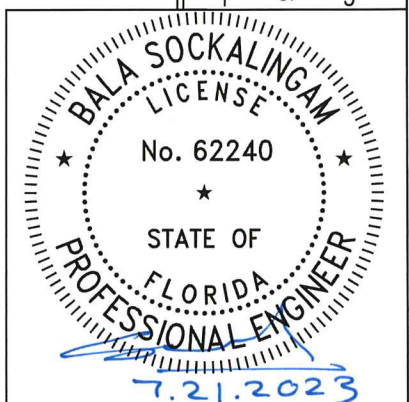
GENERAL NOTES:

1. THIS STRUCTURAL WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH HVHZ 2023 FLORIDA BUILDING CODE (FBC). THE DESIGN PRESSURES AS DETERMINED FROM SECTION 1620 AND ASCE 7-22 MUST BE MULTIPLIED BY 0.6.
2. WALL PANELS ARE MAX 36" WIDE, CONSIST OF EXTERIOR & INTERIOR 24 GA. (t = 0.024" MIN.) G-90 CLAD STEEL SKINS (Fy = MIN. 50 KSI) COATED WITH AN EMBOSSED & PAINTED OR TUFF (STUCCO-LIKE) FINISH & ARE FOAM FILLED WITH FOAMED-IN-PLACE NON-CFC MINIMUM 2.0 LB/CU. FT. DENSITY POLYURETHANE.
3. WALL PANELS SHALL BE INSTALLED OVER WALL STRUCTURE AS SPECIFIED ON THESE DRAWINGS.
4. WALL PANELS MUST BE INSTALLED OVER MIN. 2 SUPPORT SPANS. HORIZONTAL OR VERTICAL SEAMS MAY BE PRESENT AT CENTERLINE OF SUPPORTS PROVIDING THE SEAMS ARE FLASHED & PROPERLY SEALED PER METL-SPAN SPECIFICATIONS AND EACH PANEL END IS SECURED PER THESE DRAWINGS.
5. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED FOR EACH PROJECT. THIS PANEL SYSTEM MAY NOT BE INSTALLED WHEN THE REQUIRED DESIGN WIND LOADS ARE GREATER THAN THE ALLOWABLE WIND LOADS SPECIFIED ON THIS DRAWING.
7. THIS WALL PANEL SYSTEM HAS BEEN TESTED AS AN IMPACT SYSTEM IN ACCORDANCE WITH PROTOCOLS TAS-201, 202 & 203.
8. WALL PANEL MANUFACTURER'S PERMANENT LABEL SHALL BE PLACED AT THE END OF EACH PANEL RUN AND SHALL READ: METL-SPAN, A NUCOR COMPANY
LEWISVILLE, TEXAS
DADE COUNTY PRODUCT CONTROL APPROVED
9. ALL SCREWS SHALL BE CORROSION RESISTANT SELF DRILLING OR TAPPING SCREWS.
10. THE SUPPORTING STRUCTURE, OVER WHICH THE PANELS ARE TO BE INSTALLED, MUST BE MINIMUM 16 GAGE (MIN. 0.058") STEEL WITH MIN. Fy = 50 KSI.
11. THESE WALL PANELS SHALL NOT BE CONSIDERED TO OR BE USED FOR TRANSFER OF DIAPHRAGM ACTION OF WALL TO SUPPORTING STRUCTURE.

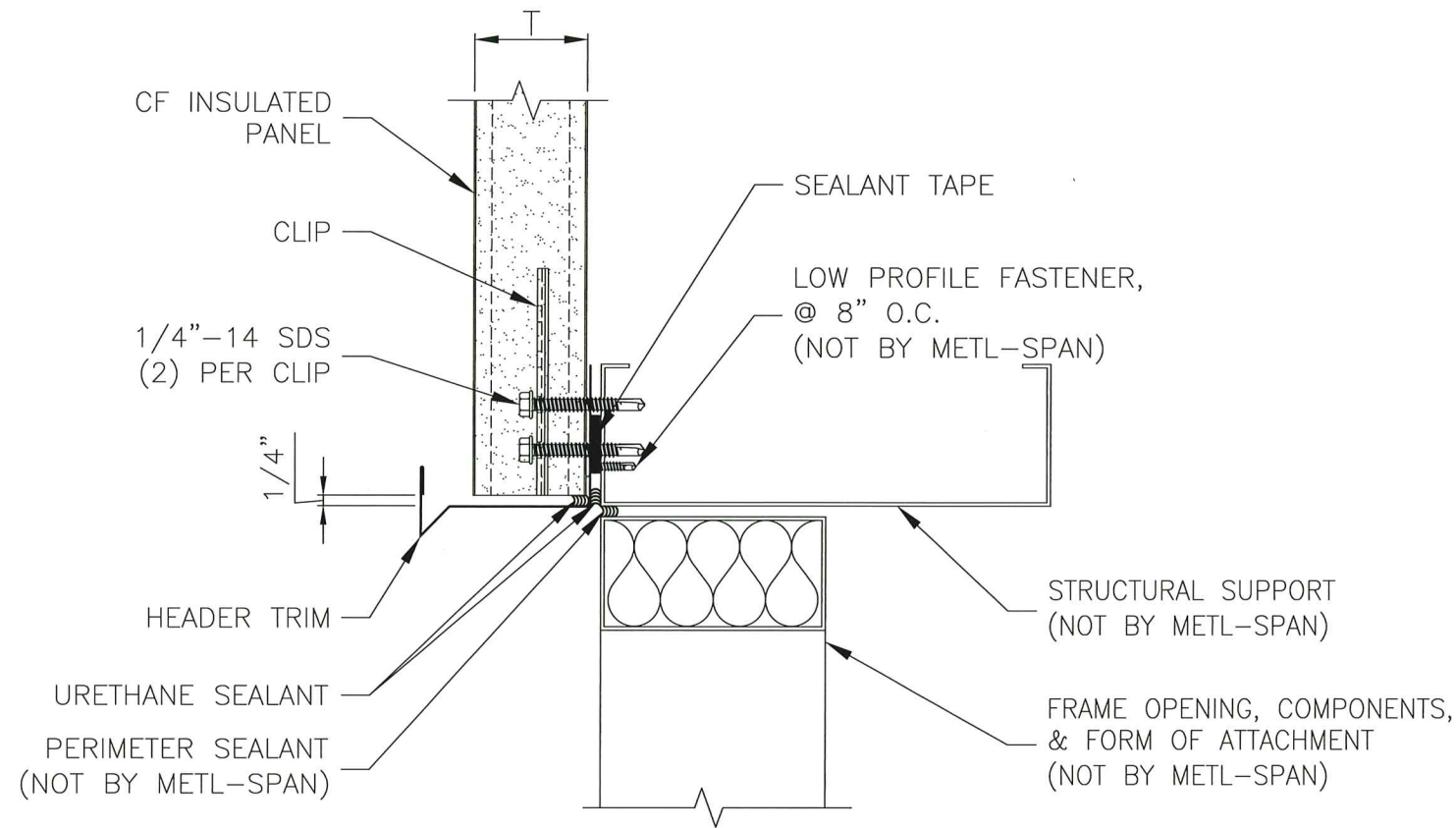
ALLOWABLE INWARD & OUTWARD PRESSURE (PSF)
FOR TWO OR MORE SPANS

SPAN (IN)	SUPPORT THICKNESS 14 GA. (0.072") OR GREATER			SUPPORT THICKNESS 16 GA. (0.058")		
	CF-36	CF-30	CF-24,-18 OR -12	CF-36	CF-30	CF-24,-18 OR -12
72	33.9	40.7	50.9	26.1	31.3	39.1
69	35.4	42.5	53.1	27.2	32.6	40.8
66	37.0	44.4	55.5	28.4	34.1	42.7
63	38.8	46.5	58.2	29.8	35.8	44.7
60	40.7	48.8	61.1	31.3	37.5	46.9
57	42.8	51.4	64.3	32.9	39.5	49.4
54	45.2	54.3	67.8	34.8	41.7	52.1
51	47.9	57.5	71.8	36.8	44.2	55.2
48	50.9	61.1	76.3	39.1	46.9	58.7
45	54.3	65.1	81.4	41.7	50.1	62.6
42	58.1	69.8	87.2	44.7	53.6	67.0
39	62.6	75.1	93.9	48.1	57.8	72.2
36	67.8	81.4	101.8	52.1	62.6	78.2
33	74.0	88.8	111.0	56.9	68.3	85.3
30	81.4	97.7	122.1	62.6	75.1	93.8
27	90.4	108.5	135.7	69.5	83.4	104.3
24	101.8	122.1	152.7	78.2	93.9	117.3

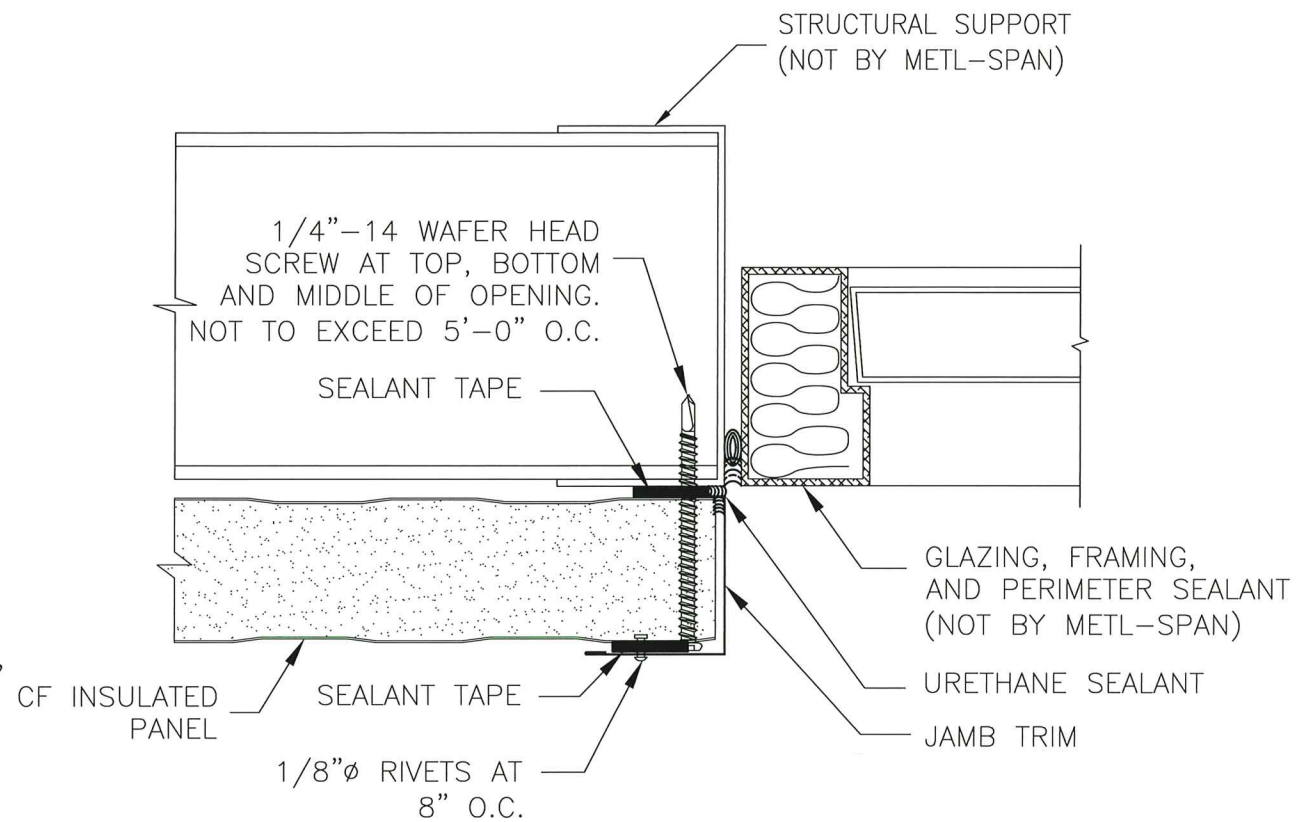
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-0803.08
Expiration Date 09/10/2025
By *[Signature]*
Miami Dade Product Control



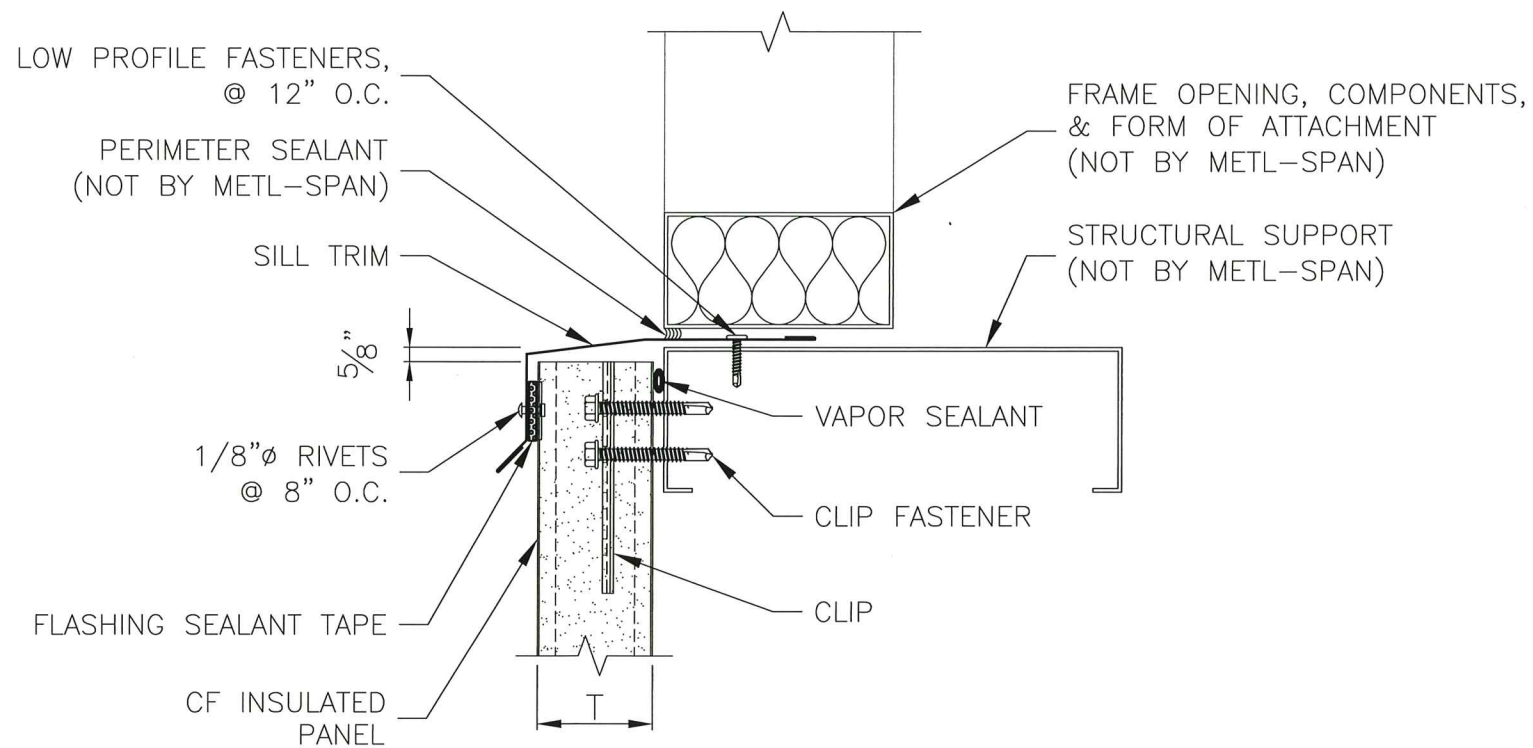
CHECKED BY:	DATE:
S.T.	7/21/2023
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE CF VERTICAL & HORIZONTAL PANELS	
CONSULTANTS BALA SOCKALINGAM, PH.D., P.E.	MANUFACTURER METL-SPAN A NUCOR COMPANY 1720 LAKEPOINTE DRIVE, SUITE 101 LEWISVILLE, TX 75057 972-221-6656
DRAWING NO. C2676	REV.
SHEET NO. 1 OF 3	



TYPICAL HEADER DETAIL



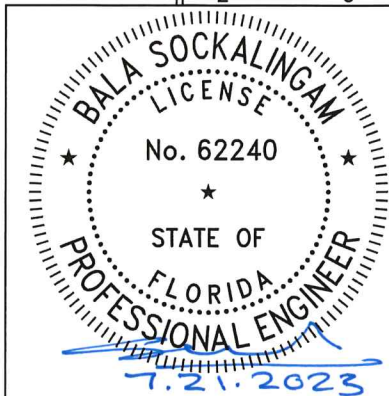
TYPICAL JAMB DETAIL



TYPICAL SILL DETAIL

DETAILS SHOWN FOR CF PANEL
IN VERTICAL ORIENTATION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 23-0803.08
Expiration Date 09/10/2025
By *Heidi A. Miller*
Miami Code Product Control



CHECKED BY: S.T. DATE: 7/21/2023

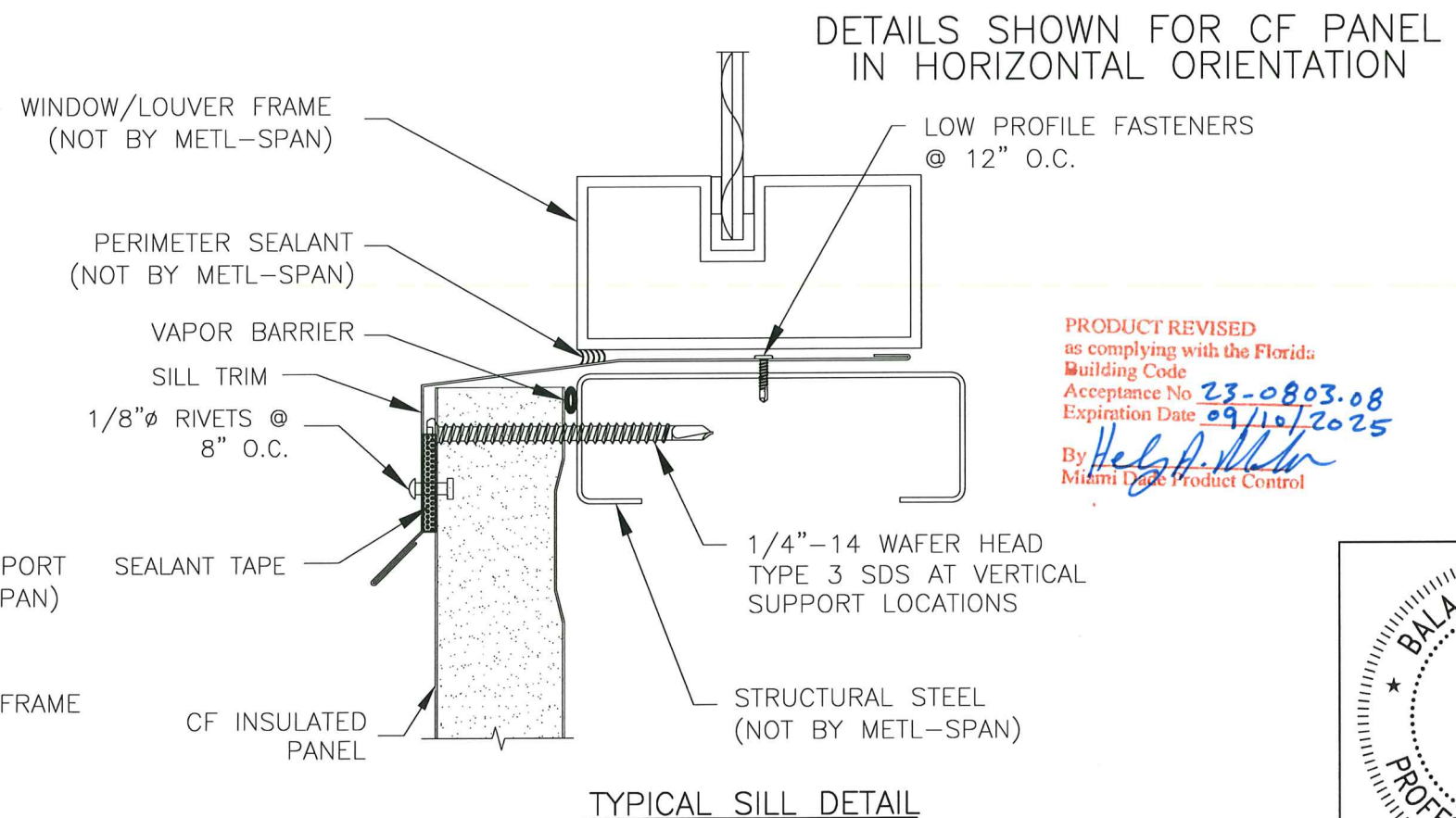
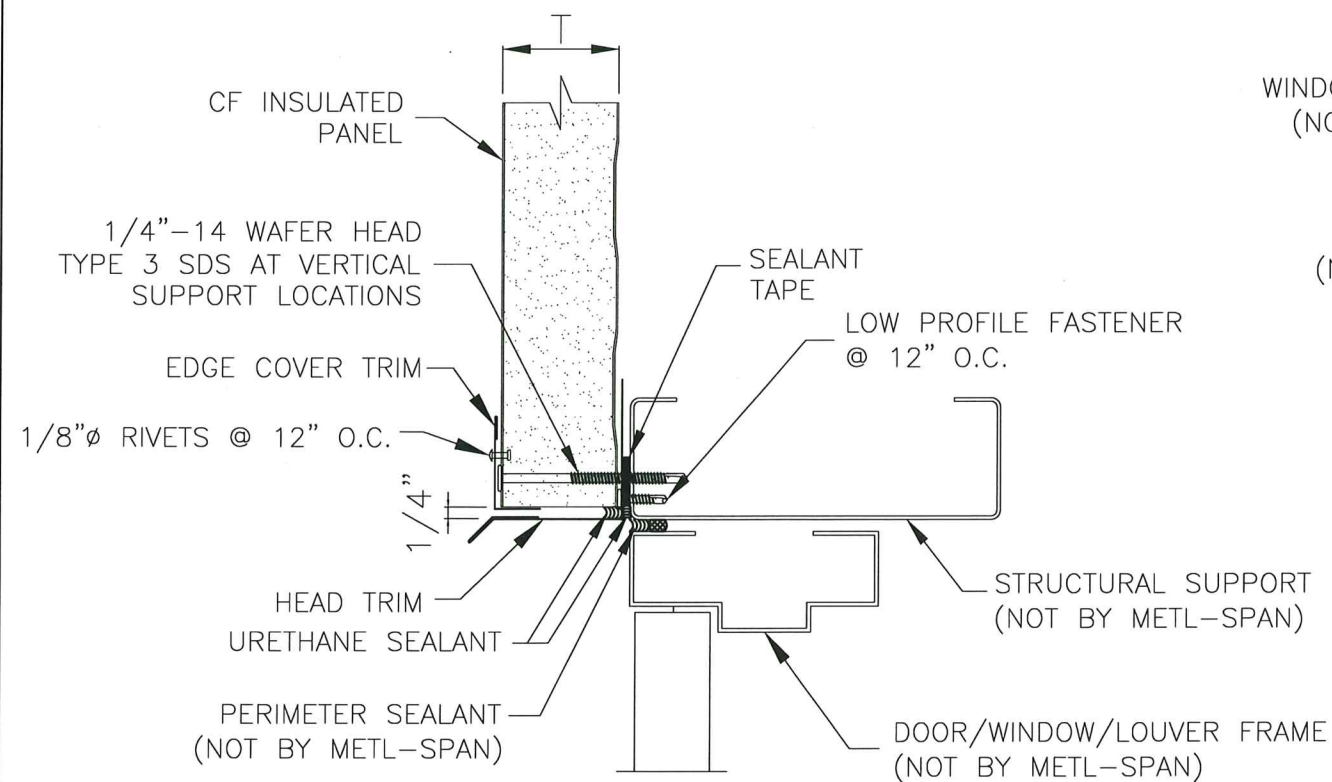
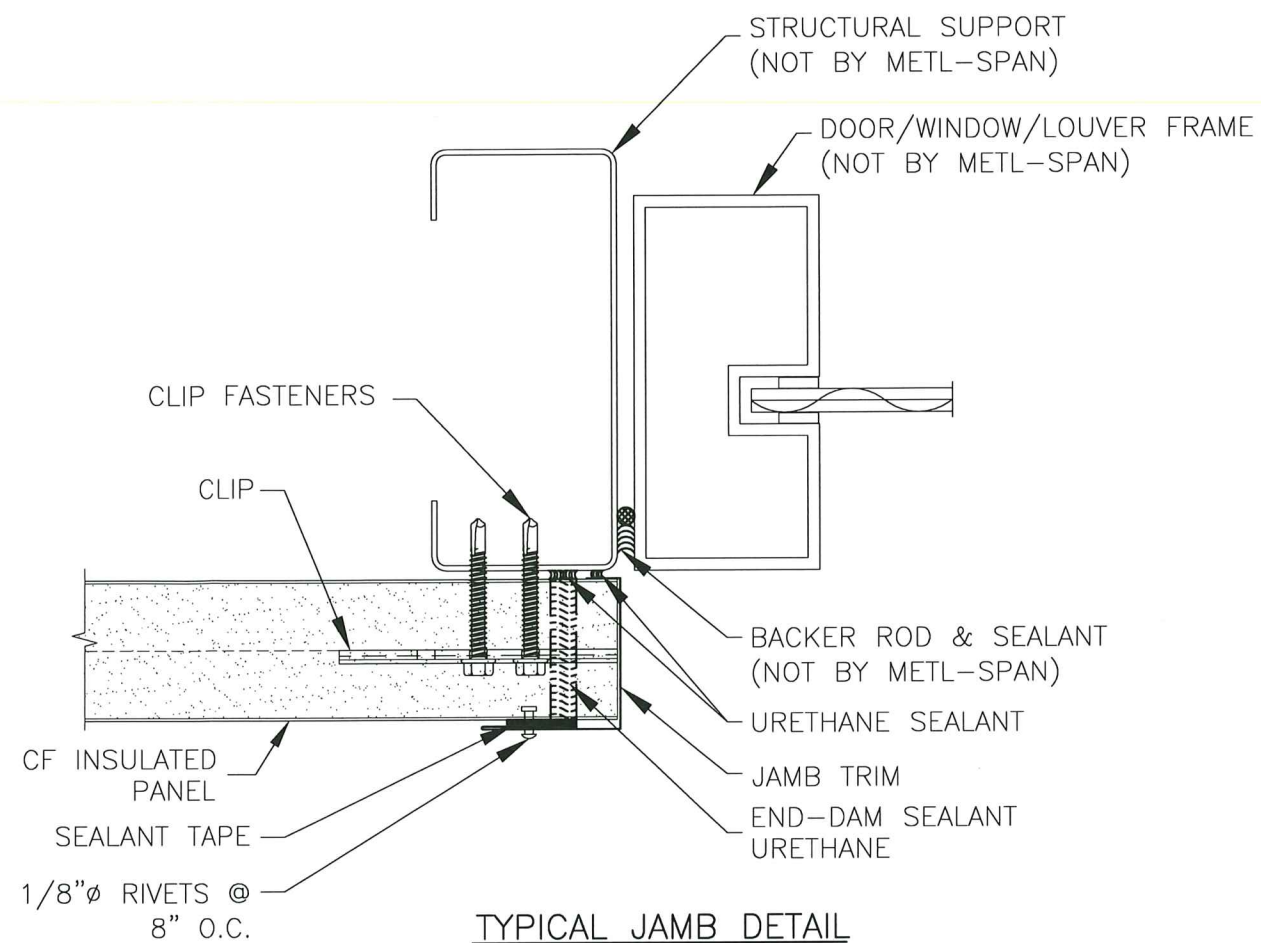
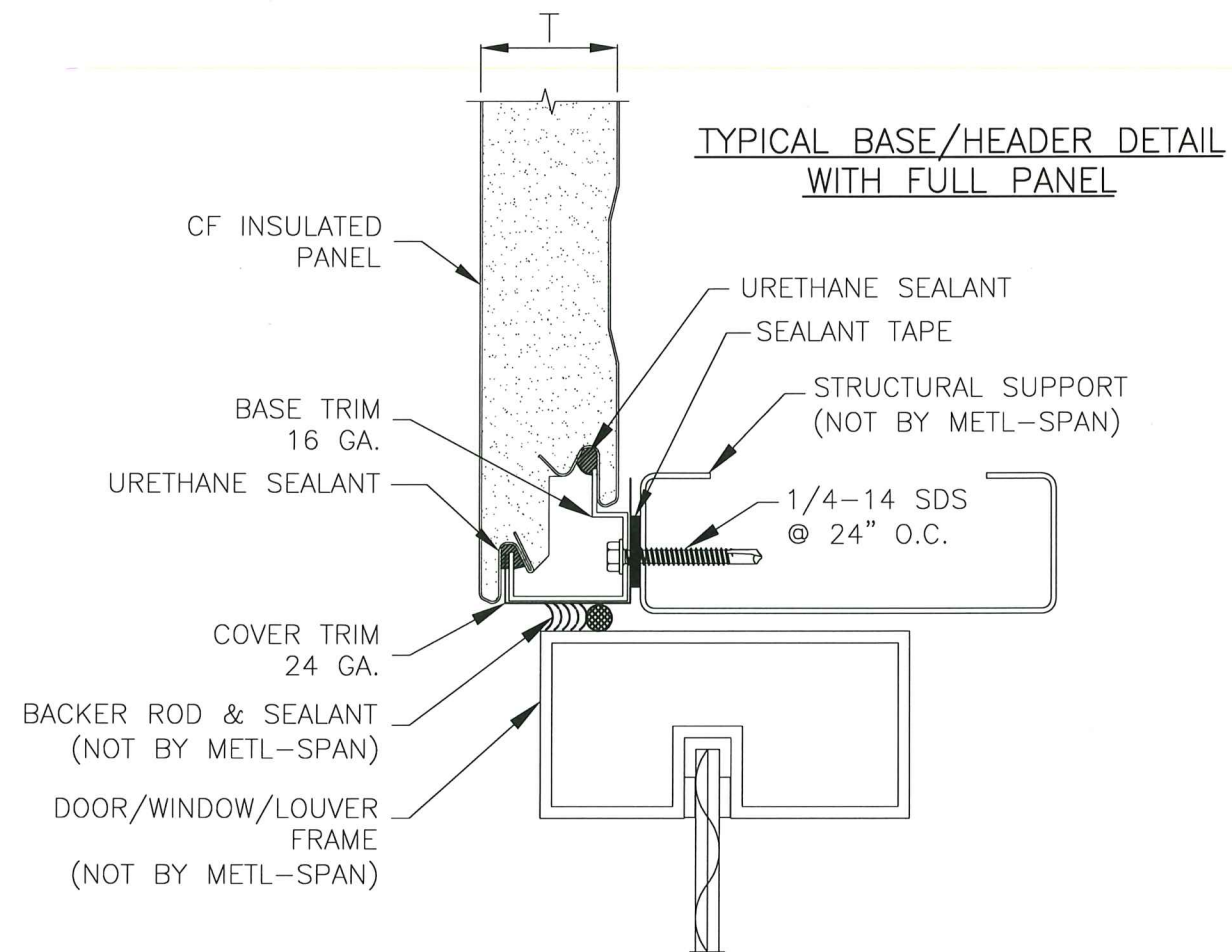
NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE
CF VERTICAL & HORIZONTAL WALL PANELS

MANUFACTURER
METL-SPAN
A NUCOR COMPANY
1720 LAKEPOINTE DRIVE, SUITE 101
LEWISVILLE, TX 75057
972-221-6656

CONSULTANTS
BALA SOCKALINGAM, PH.D., P.E.
1216 N LANSING AVE, SUITE C
TULSA, OK 74106
PHONE: 918-492-5992 FAX: 866-366-1543

DRAWING NO. C2676
SHEET NO. 2 OF 3



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-0803.08
Expiration Date 09/10/2025
By Helya Miller
Miami Dade Product Control

CHECKED BY: S.T.		DATE: 7/21/2023	
DRAWING TITLE	CF VERTICAL & HORIZONTAL WALL PANELS	NO.	REVISION DESCRIPTION
CONSULTANTS	METL-SPAN A NUCOR COMPANY 1720 LAKEPOINTE DRIVE, SUITE 101 LEWISVILLE, TX 75057 972-221-6656	BY	DATE
BALA SOCKALINGAM, PH.D., P.E.			
1216 N LANSING AVE, SUITE C TULSA, OK 74106 PHONE: 918-492-5992 FAX: 866-366-1543	MANUFACTURER		
DRAWING NO. C2676	REV.		
SHEET NO. 3 OF 3			

