



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)

**Whirlwind Steel Buildings, Inc.**  
8234 Hansen Road  
Houston, TX 77075

### 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: Super Span X 24 Ga. (0.024" min.) Steel Wall Panels System

**APPROVAL DOCUMENT:** Drawing #14-117-W, titled "Super Span X, 24 Ga., Steel Wall Panel System", prepared by Whirlwind Steel Buildings, Inc., dated August 15, 2014 and May 15, 2014, revision #2 dated March 25, 2021, signed and sealed by Ronald H. Mays, P.E., on April 09, 2021, bearing the Miami-Dade County Product Control Renewal 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, city, state 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 **renews NOA #23-1017.21** 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*  
08/01/24

NOA No. 24-0717.02  
Expiration Date: 07/31/2025  
Approval Date: 08/01/2024

**Whirlwind Steel Buildings, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0310.09**

**A. DRAWINGS:**

1. *Drawing titled "Super Span X 24 GA. Wall Details ", prepared by Terrence E. Wolfe, P.E., dated February 20, 2008, last revision dated May 29, 2008, signed and sealed by Terrence E. Wolfe, P.E., on May 29, 2008.*

**B. TESTS**

1. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; and 3) Cyclic Wind Pressure Test Pressure, prepared by Farabaugh Engineering and Testing, Inc., Test Report No. T299-07, dated 10/28/2007, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on: 1000 hours in salt spray per ASTM B117, prepared by Asphalt Technologies, Akzo Nobel Coatings, Inc. dated 10/08/2002, signed and sealed by Charles L. Thomas.*
3. *Test report on: 2000 hours Accelerated Weathering per ASTM G26, prepared by Asphalt Technologies, Akzo Nobel Coatings, Inc. dated 10/08/2002, signed and sealed by Charles L. Thomas.*

**C. CALCULATIONS:**

1. *Calculations titled "Whirlwind steel Buildings Super Span X Panel", dated February 22, 2008, pages 1 through 5 of 5, prepared by Terrence E. Wolfe, P.E., signed and sealed by Terrence E. Wolfe, P.E., on February 22, 2008.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS:**

1. *Tensile Test Report No. T299-07, prepared by West Penn Material Evaluation, dated August 20, 2007, signed by T. Anlt.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-0618.07**

**A. DRAWINGS:**

1. *Drawing #14-117, titled "Super Span X, 24 Ga., Steel Wall Panel System", prepared by CBuck Engineering, dated April 15, 2014 and May 15, 2014, signed and sealed by James L. Buckner, P.E., on June 16, 2014.*

**B. TESTS**


1. *None.*

**C. CALCULATIONS:**

1. *None.*

**D. QUALITY ASSURANCE**

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



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-0717.02  
Expiration Date: 07/31/2025  
Approval Date: 08/01/2024



**Whirlwind Steel Buildings, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS:**

1. None.

**F. OTHERS**

1. Letter from office of Beverly B. Kaufman, County Clerk Harris County, Texas, for name change.

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 16-0211.05**

**A. DRAWINGS:**

1. Drawing #14-117, titled "Super Span X, 24 Ga., Steel Wall Panel System", prepared by CBuck Engineering, dated April 15, 2014 and May 15, 2014, revision #1 dated 01/21/2016, signed and sealed by James L. Buckner, P.E., on 02/03/2016.

**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. Letter of compliance with the Florida Building Code, 2014 Edition, prepared by CBuck Engineering, dated 01/21/2016, signed and sealed by James L. Buckner, P.E.

**4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0711.03**

**A. DRAWINGS:**

1. Drawing #14-117-W, titled " Super Span X, 24 Ga., Steel Wall Panel System ", prepared by Whirlwind Steel Buildings, Inc., dated August 15, 2014 and May 15, 2014, revision #1, signed and sealed by Ronald H. Mays, P.E., on 08/19/2019.

**B. TESTS**

1. None.

**C. CALCULATIONS:**

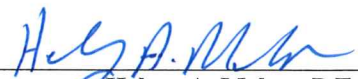
1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS:**

1. None.

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-0717.02  
Expiration Date: 07/31/2025  
Approval Date: 08/01/2024

**Whirlwind Steel Buildings, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. OTHERS**

1. *Letter of compliance with the Florida Building Code, 2017 Edition, prepared by Ronald H. Mays, P.E., dated 08/22/2019, signed and sealed by Ronald H. Mays, P.E.*

**5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 21-0419.11**

**A. DRAWINGS:**

1. *Drawing #14-117-W, titled " Super Span X, 24 Ga., Steel Wall Panel System ", prepared by Whirlwind Steel Buildings. Inc., dated August 15, 2014 and May 15, 2014, revision #2 dated March 25, 2021, signed and sealed by Ronald H. Mays, P.E., on April 09, 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. *Letter of compliance with the Florida Building Code, 2020 Edition, prepared by Ronald H. Mays, P.E., dated 04/09/2021, signed and sealed by Ronald H. Mays, P.E.*

**6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-1017.21**

**A. DRAWINGS:**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS:**

1. *None.*

**D. QUALITY ASSURANCE**

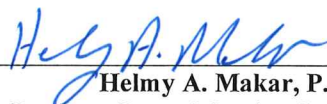
1. *By Miami-Dade County Department of Regulatory and Economic Resources (RER).*

**E. MATERIAL CERTIFICATIONS:**

1. *None.*

**F. OTHERS**

1. *Letter of compliance with the Florida Building Code, 2023 Edition, prepared by Ronald H. Mays, P.E., dated 08/24/2023, signed and sealed by Ronald H. Mays, P.E.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-0717.02  
Expiration Date: 07/31/2025  
Approval Date: 08/01/2024

**Whirlwind Steel Buildings, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**7. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS:**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS:**

1. *None.*

**D. QUALITY ASSURANCE**


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

**E. MATERIAL CERTIFICATIONS:**

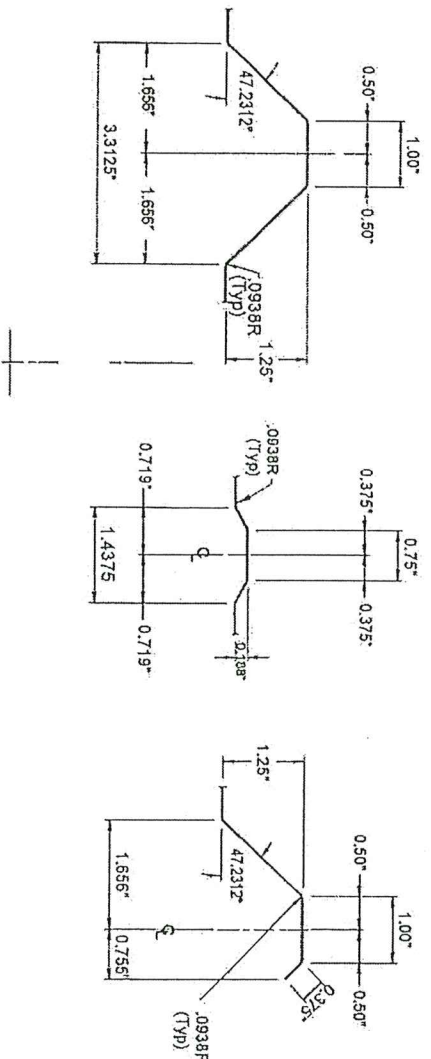
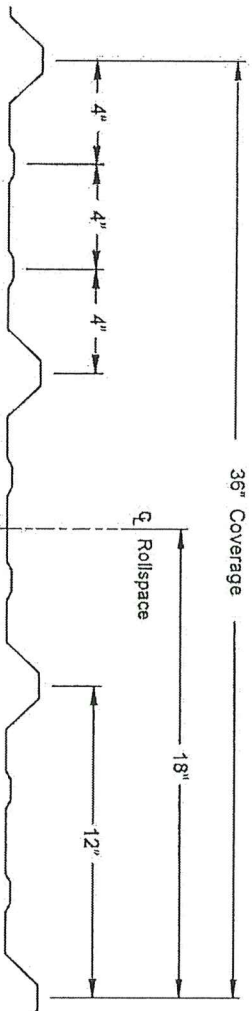
1. *None.*

**F. OTHERS**

1. *Letter of compliance with the Florida Building Code, 2023 Edition, prepared by Ronald H. Mays, P.E., dated 06/17/2024, signed and sealed by Ronald H. Mays, P.E.*

  
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Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 24-0717.02  
Expiration Date: 07/31/2025  
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PANEL PROPERTIES					
Panel Gauge	Painted Panel Thickness	Yield Strength*	Tensile Strength*	Elongation*	Steel Coating* Paint Coatings*
24	0.024"	50 KSI	65 KSI	26.5	AZ 55
					* Conform to ASTM A792 Structural Quality Grade 50



MEMBER SCREW FOR PANEL SUPPORTS  
#12-14 x 1-1/4" Zinc Hex Head "HTZ" #2 Pt.  
with 0.58" O.D. Seal Integral Washer, By Buildex.

STITCH SCREW FOR PANEL SIDE LAPS  
1/4" -14 x 7/8" Zinc Hex Head "HTZ"  
with 0.58" O.D. Seal Integral Washer, By Buildex.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 23-1017.21  
Expiration Date 07/31/2024  
By *Heidi A. Miller*  
Miami Design Product Control

PRODUCT RENEWED  
as complying with the Florida  
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Acceptance No 24-0717.02  
Expiration Date 07/31/2025  
By *Heidi A. Miller*  
Miami Design Product Control

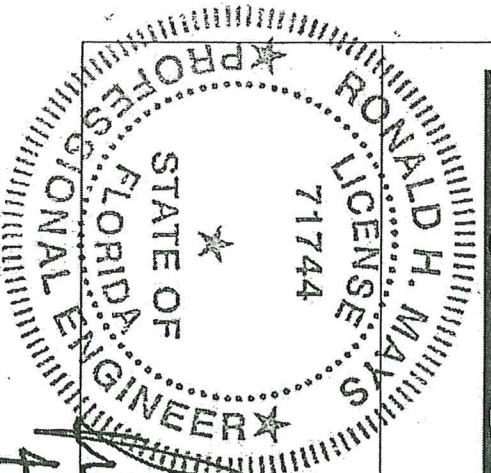
7/8" x 3/16" Butyl Tape

2-1/2" x 3/16" Tri-Bead Butyl Tape

Super Span X Inside (CS29R)  
Closures by Guardian

Super Span X Outside (CS28R)  
Closures by Guardian

PRODUCT REVISED  
as complying with the Florida  
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Miami Design Product Control



Whirlwind Steel Buildings, Inc.  
8234 Hansen Road  
Houston, TX 77075

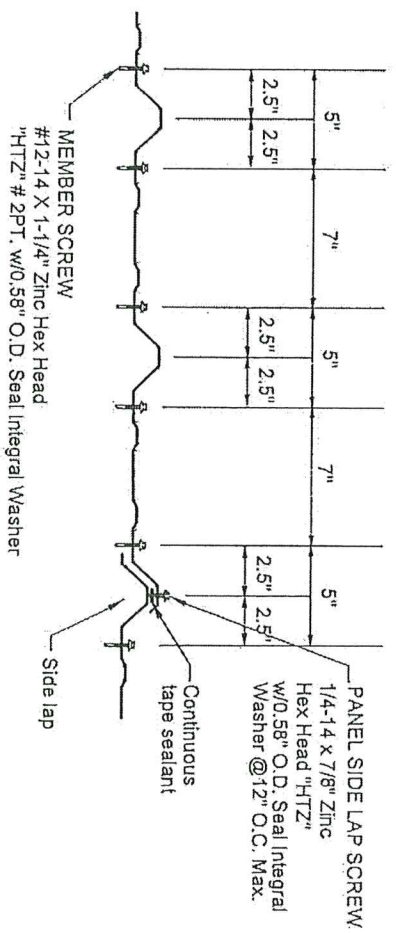
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DATE: 8 / 15 / 14  
PAGE #: 1 OF 4  
PROJECT #: 14-117\_W  
DRAWN BY: yd  
REV. 2: 3 / 25 / 21  
SCALE: N.T.S.

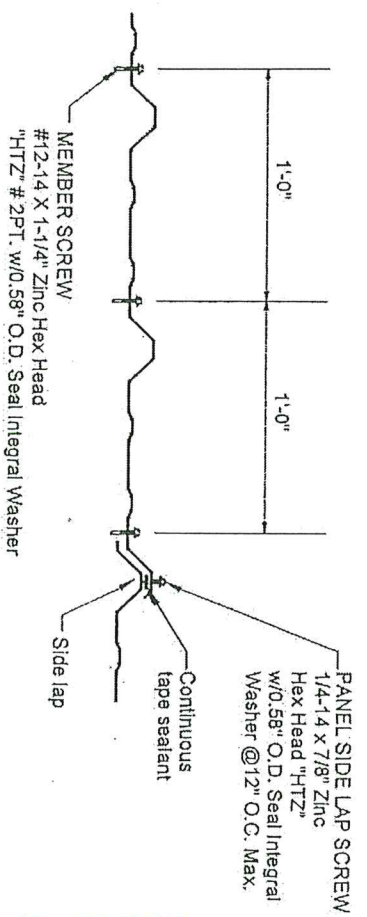
NOTES:

1. This structural wall panel system has been designed in accordance with Florida Building Code 7th Edition (2020). The design pressures are determined from ultimate pressures as defined in Section 1620 and ASCE 7-16. Multiply the ultimate pressures by 0.6 to get design pressures.
2. The 24 gage Super Span X wall panels shall be used for wall construction only. The actual wall project shall be constructed using the same details shown on these drawings including:
  - A) Details, all panel material characteristics and section with dimension and thickness.
  - B) Erection details including all connection fasteners with size and location.
  - C) Panel maximum span and pressure for the field, and end zones based on panel allowable values shown below.
3. Maximum allowable panel span = 5'-0".
4. The maximum allowable spans and (+/-) design pressures for the Super Span X steel wall panel in the wall's field and end zones shall be based on the following panel allowable values (use smallest span for the given pressure)
  - A) Maximum allowable bending moment of the panel at supports = 166.25 ft-lbs.
  - B) Maximum allowable bending moment of the panel between supports = 93.50 ft-lbs.
  - C) EI value of panel = 1,247,944.0 lbs-in<sup>2</sup>
  - D) Maximum allowable deflection for wall panels = L/240.
  - E) Maximum support reaction = 332.5 lbs.
5. All panel submembers shall be minimum .16 gauge (0.056"). They are not part of this approval and they shall be reviewed structurally by the structural plans examiner of the corresponding building department for each job.





DETAIL AT END LAP AND PANEL LAP

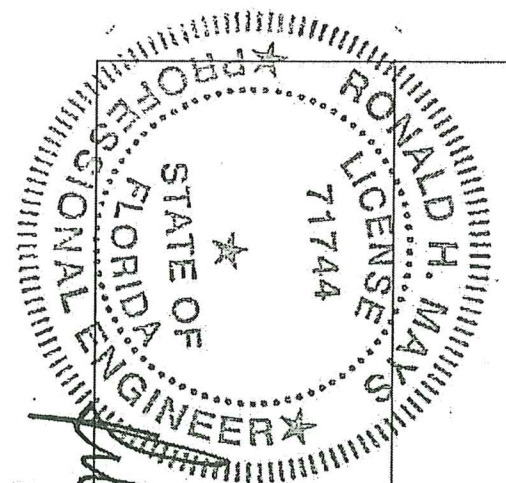


DETAIL AT REMAINING SUPPORTS @ 5'-0" O.C. MAX.

PRODUCT RENEWED  
as complying with the Florida  
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By *H. A. Miller*  
Miami Date Product Control

PRODUCT RENEWED  
as complying with the Florida  
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Acceptance No 23-1017.21  
Expiration Date 07/31/2024  
By *H. A. Miller*  
Miami Date Product Control

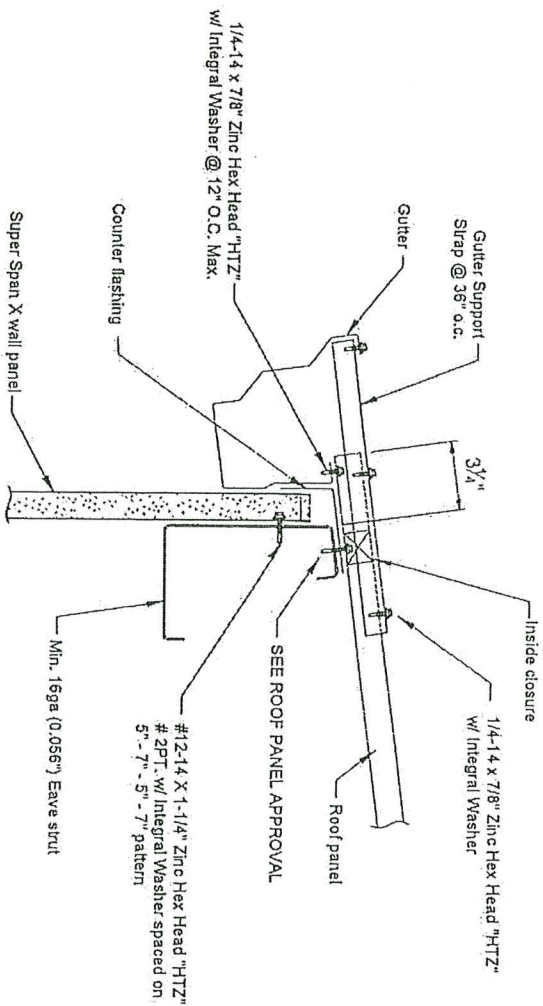
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By *H. A. Miller*  
Miami Date Product Control



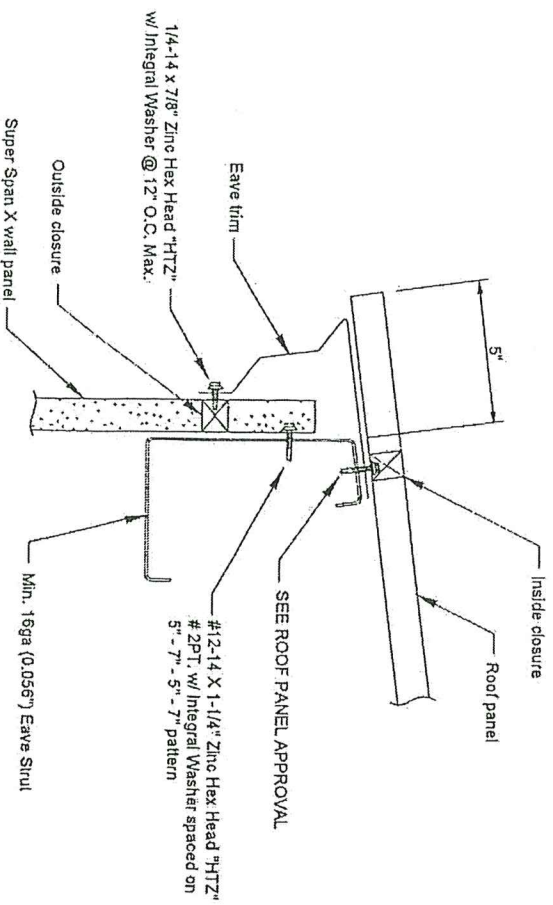
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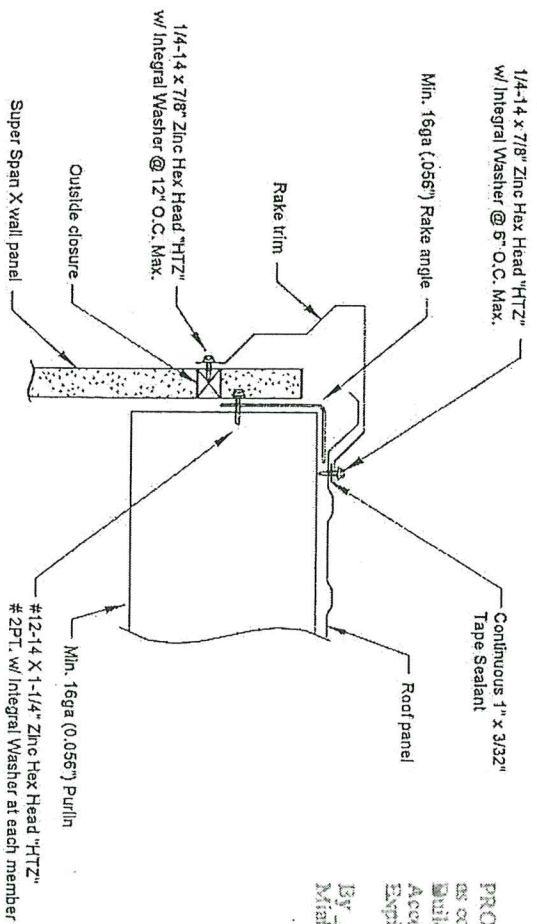
DATE: 5 / 15 / 14  
PAGE #: 2 OF 4  
PROJECT #: 14-117\_W  
DRAWN BY: yd  
REV. 2: 3 / 25 / 21  
SCALE: N.T.S.



WALL DETAIL w/ GUTTER



WALL DETAIL w/ EAVE TRIM



WALL DETAIL w/ RAKE TRIM

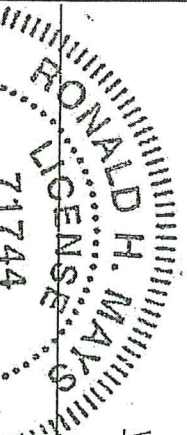
**PRODUCT RENEWED**  
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Acceptance No. **24-0717-02**  
Expiration Date **07/31/2025**

**PRODUCT REVISED**  
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Expiration Date **07/31/2024**

By *Heidi A. Mays*  
Miami Design Product Control

**PRODUCT RENEWED**  
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Expiration Date **07/31/2024**

By *Heidi A. Mays*  
Miami Design Product Control

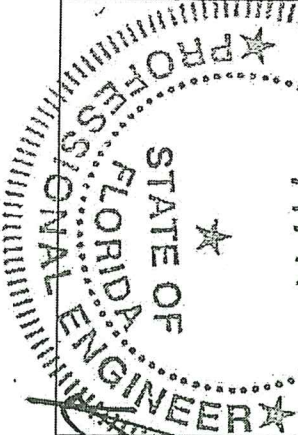


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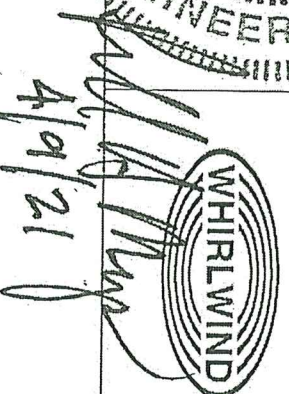
Whirlwind Steel Buildings, Inc.  
8234 Hansen Road  
Houston, TX 77075

DATE:	5 / 15 / 14
PAGE #:	3 OF 4
PROJECT #:	14-117_W
DRAWN BY:	y/d
REV. 2:	3 / 25 / 21
SCALE:	N.T.S



4/9/21





Whirlwind Steel Buildings, Inc.  
8234 Hansen Road  
Houston, TX 77075

DATE:	4 / 15 / 14
PAGE #:	4 OF 4
PROJECT #:	14-117 _W
DRAWN BY:	yd
REV. 2:	3 / 25 / 21
SCALE:	N.T.S

**TITLE:** "Super Span X, 24 Ga., Steel Wall Panel System"

#12-14 x 7/8" Zinc Hex Head "HTZ"  
# 2PT. w/ Integral Washer @ 12" O.C. Max.

1/4-14 x 7/8" Zinc Hex Head "HTZ"  
w/ Integral Washer @ 12" O.C. Max.

Standard  
kickout

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code

Building Code 23-1017.21  
Acceptance No.  
Expiration Date 07/31/2024

By  
Miami Dade Product Center

### ISOMETRIC VIEW AT CORNER OF BUILDING

- Base angle

Sheepling Angle (SA005)  
Attach with two member  
screws

- #12-14 X 1-1/4" Zinc Hex Head "HTZ"  
# 2PT. w/ Integral Washer spaced on  
5" - 7" - 5" - 7" pattern

By H. J. M. M.  
Miami Data Product Control

as complying with the Florida  
Building Code  
Acceptance No. 24-0770.02  
Expiration Date 07/31/2025

Min. 16ga (.056") Zee girt  
@ 5'-0" O.C Max.

- 1/4-14 x 7/8" Zinc Hex Head "HTZ"  
w/ Integral Washer @ 12" O.C. Max.

- Min. 16ga (.056") Eave strut

Min. 16ga (.056") Rake angle

- Rake trim

— Outside closure

Counter flashing

Gutier

Gutter Support

Downspout

Strap (DS-105)