



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

## NOTICE OF ACCEPTANCE (NOA)

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

**USG Corporation**  
**550 West Adams Street**  
**Chicago, IL 60661**

**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 Florida Building Code, including the High Velocity Hurricane Zone.

### **DESCRIPTION: USG Celebration Torsion Spring Aluminum Exterior Ceiling System**

**APPROVAL DOCUMENT:** Drawing No. CTS-01 to CTS-06, titled "Celebration Torsion Spring Exterior Ceiling System", sheets 1 through 6 of 6, dated 08/16/17, prepared by manufacturer, signed and sealed by Carl D. Fussner, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### **MISSILE IMPACT RATING: None**

**LABELING:** Each piece shall be permanently marked at not more than 4' o.c. with a number or marking and the packaging shall include the manufacturer's name or logo, city, state, model number or name, Miami-Dade County NOA number, test standards and net free area per FBC 1709.10.2 and 1709.10.3.

**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.

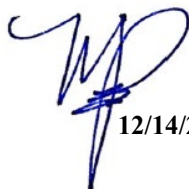
**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**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 No. 17-0925.01 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



  
12/14/21

NOA No. 21-0923.04  
Expiration Date: September 15, 2026  
Approval Date: December 23, 2021  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 16-0404.02)*
2. Drawing No. **CTS-01** to **CTS-06**, titled "Celebration Torsion Spring Exterior Ceiling System", sheets 1 through 6 of 6, dated 07/08/16, prepared by manufacturer, signed and sealed by Carl D. Fussner, P.E.  
*(Submitted under NOA No. 16-0404.02)*

**B. TESTS**

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
3) Tensile Test per ASTM E8-08  
along with marked-up drawings of a Celebration Torsion Spring Suspended Ceiling, prepared by Intertek-Architectural Testing, Inc., Test Report No. **E6376.01-450-18**, dated 11/23/15, signed and sealed by Joseph A. Reed, P.E.  
*(Submitted under NOA No. 16-0404.02)*

**C. CALCULATIONS**

1. Anchorage calculations prepared by PEI Engineering Services, Inc., dated 07/20/16, signed and sealed by Carl D. Fussner, P.E.  
*(Submitted under NOA No. 16-0404.02)*

**D. QUALITY ASSURANCE**


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

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)** and **FBC 6<sup>th</sup> Edition (2017)**, dated 09/15/17, issued by PEI Engineering Services, Inc., signed and sealed by Carl D. Fussner, P.E.  
*(Submitted under NOA No. 17-0925.01)*
2. Statement letter of no financial interest, dated 09/15/17, issued by PEI Engineering Services, Inc., signed and sealed by Carl D. Fussner, P.E.  
*(Submitted under NOA No. 17-0925.01)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 21-0923.04  
Expiration Date: September 15, 2026  
Approval Date: December 23, 2021

**USG Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)**

**G. OTHERS**

1. Notice of Acceptance No. **16-0404.02**, issued to USG Corporation for USG Celebration Torsion Spring Aluminum Exterior Ceiling System, approved on 09/15/16 and expiring on 09/15/21.

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. None.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

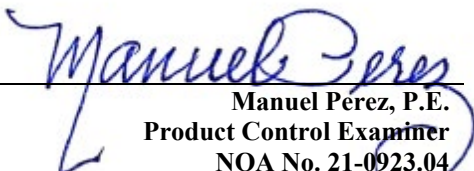
1. None.

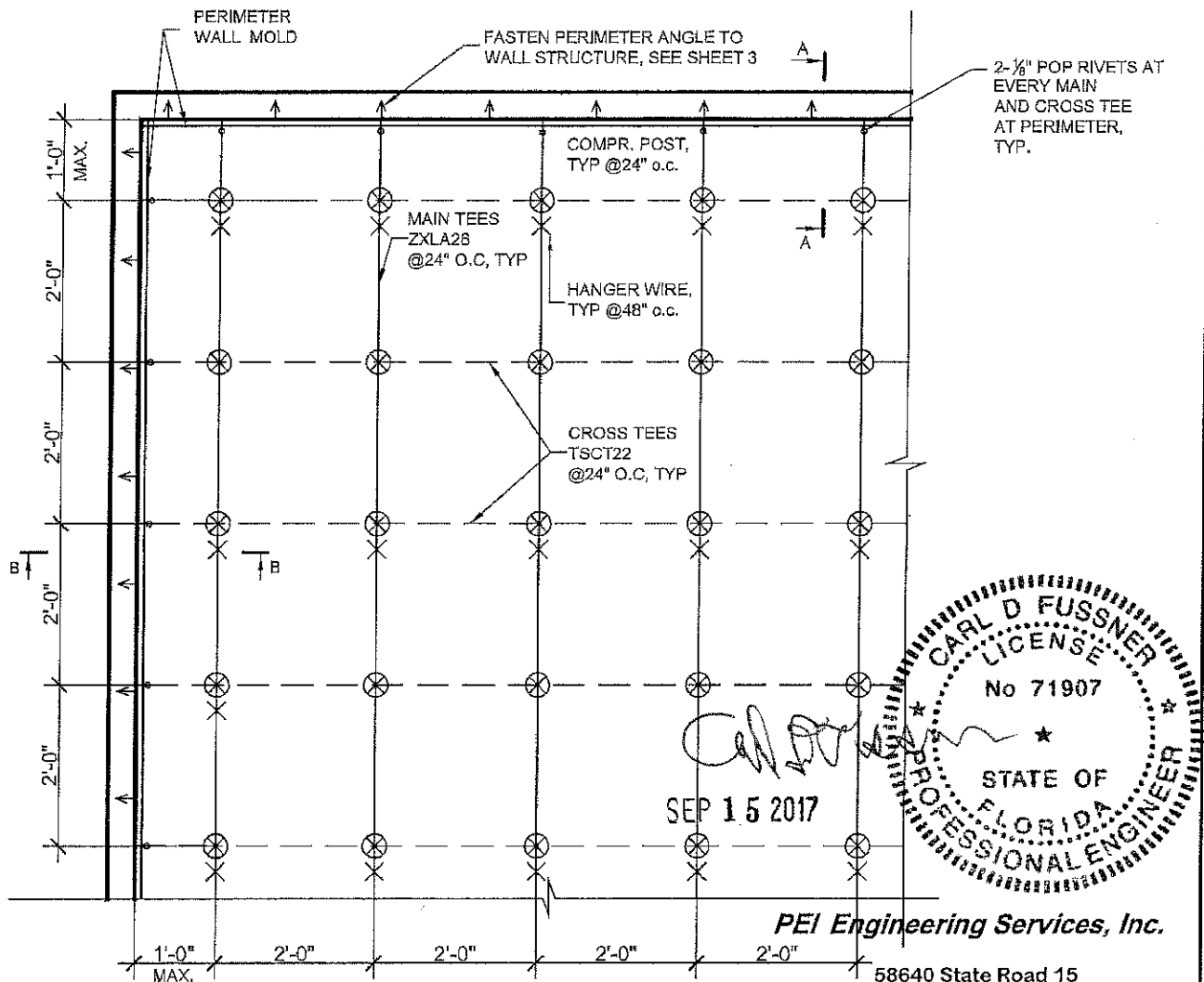
**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 7<sup>th</sup> Edition (2020)**, dated 10/06/21, issued by PEI Engineering Services, Inc., signed and sealed by Carl D. Fussner, P.E.

**G. OTHERS**

1. Notice of Acceptance No. **17-0925.01**, issued to USG Corporation for USG Celebration Torsion Spring Aluminum Exterior Ceiling System, approved on 12/21/17 and expiring on 09/15/21.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 21-0923.04  
Expiration Date: September 15, 2026  
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**PRODUCT REVISED**  
as complying with the Florida  
Building Code

NOA-No. **21-0923.04**

Expiration Date: **09/15/2026**

By: *Manuel Torres*

Miami-Dade Product Control

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

NOA-No. **17-0925.01**

Expiration Date **09/15/2021**

By: *[Signature]*

Miami-Dade Product Control

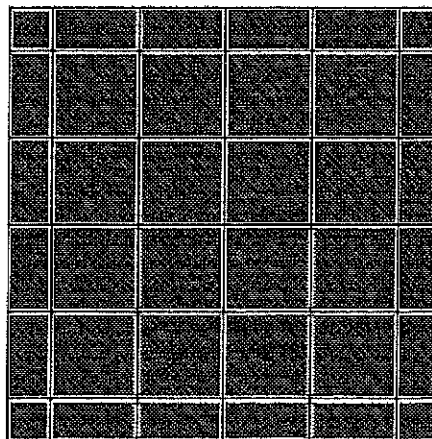
1

## PLAN

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

CELEBRATION TORSION SPRING  
ZXLA26 MAIN TEES AT 24" O.C.  
TSTC CROSS TEES AT 24" O.C.  
COMPRESSION POSTS AT 24" O.C.  
HANGER WIRE AT 48" O.C.  
ALUMINUM PANELS 2' x 2'

PRESSURE:  
+73.3 PSF UPWARD  
-13.3 PSF DOWNWARD



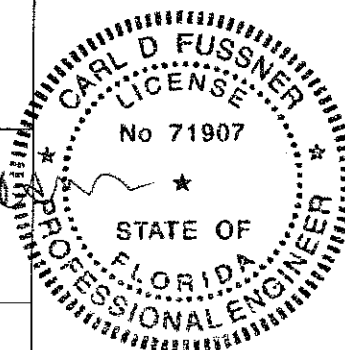
**PEI Engineering Services, Inc.**

58640 State Road 15

Goshen, IN 46528

Phone: (574) 533-0337 - Fax: (574) 533-9736

FL C.O.A. Number 27447



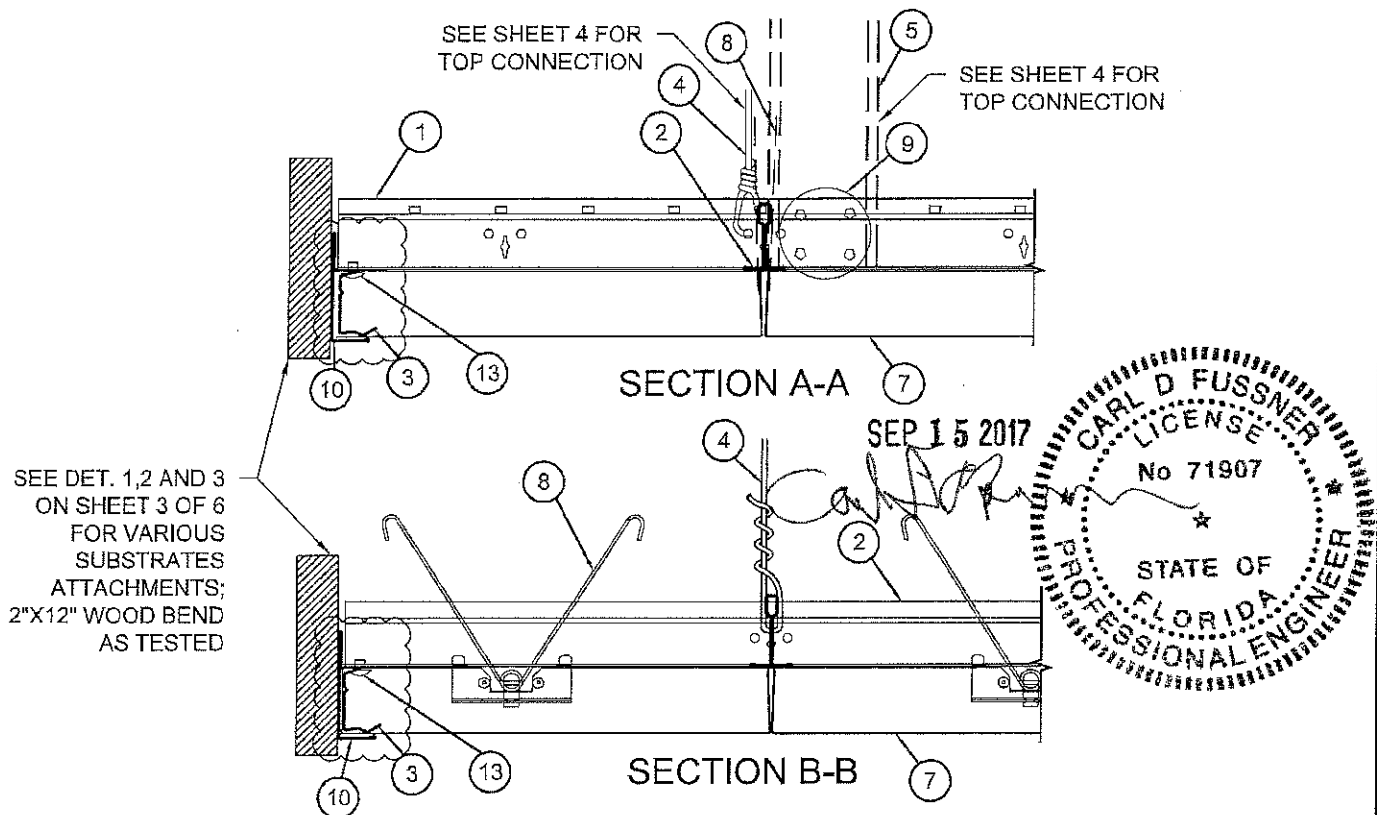
UNITED STATES  
GYPSUM CO.  
550 West Adams Street  
Chicago, Illinois 60661

DWG.# CTS-01 - R1

DATE: 8/16/2016

PLAN  
CELEBRATION TORSION SPRING  
EXTERIOR CEILING SYSTEM  
MIAMI DADE CO NOA

SHEET  
1 OF 6



1	ZXLA26 MAIN TEE, 30 KSI	<b>PEI Engineering Services, Inc.</b> 58640 State Road 15 Goshen, IN 46528 Phone: (574) 533-0337 - Fax: (574) 533-9736 FL C.O.A. Number 27447
2	TSCT44 OR TSCT22 CROSS TEE, 30 KSI	
3	T15 HOLD-DOWN CLIP 10-1/2" LONG @ 12" O.C.	
4	12 GA HANGER WIRE	
5	2-1/2" - 22 GA. STUD COMPRESSION POST; Fy = 33 KSI (MIN)	
6	1/4" LAG SCREW W/1-1/4" EMBEDMENT	
7	ALUMINUM PANEL, RE. SHEET 6 FOR SIZE	
8	METAL SPRING ASSEMBLY	
9	#8 x 7/16" PAN HEAD SCREW	
10	1 1/2" F WALL MOLD	
11	HILTI 3/8" KWIK BOLT TZ-CS EXPANSION ANCHOR (OR EQUIVALENT)	
12	L 1-1/2 x 1-1/2 x 12GA. x 6" CLIP; Fy = 36 KSI (MIN)	
13	1/8" POP RIVET	
14	1/4" HILTI HHDCa CEILING HANGER WITH 1-1/4" EMBEDMENT.	
15	0.145" DIA. HILTI X-U 15 (OR EQUIVALENT)	
16	HILTI X-CW X-U-27 FASTENER, 1-1/4" EMBEDMENT	
17	3/16" CARBON OR STAINLESS STEEL TAPCON ANCHOR	
18	#8 1-1/4" SCREW SHARP POINT	
19	#8 - 1 1/8" DRILL POINT SCREW	

**PRODUCT REVISED**  
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NOA-No. **21-0923.04**

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By: *Manuel Torres*  
Miami-Dade Product Control

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
NOA-No. **17-0925.01**

Expiration Date **09/15/2021**

By: *Officer*  
Miami-Dade Product Control

**USG** UNITED STATES  
GYPSUM CO.  
550 West Adams Street  
Chicago, Illinois 60661

DWG.# CTS-02- R1  
DATE: 08/16/2017

SECTIONS  
CELEBRATION TORSION SPRING  
EXTERIOR CEILING  
MIAMI DADE CO NOA

SHEET  
2 OF 6

**ANCHORING NOTES:**  
WALL MOLDING TO STRUCTURE  
USE DETAILS 1 THROUGH 3 FOR  
ATTACHMENT.

**WOOD SUBSTRATE DETAIL 1**

1 1/2" F MOLD: USE 2- #8 SCREW WITH 2"  
MINIMUM EMBEDMENT AT 16" O.C.

**PRODUCT REVISED**  
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By: *Manuel Perez*  
Miami-Dade Product Control

**STEEL SUBSTRATE, DETAIL 2**

1 1/2" F MOLD: USE 2- #8 x 1-1/8" SCREW OR  
EQUIVALENT AT 16" O.C.

**PRODUCT REVISED**  
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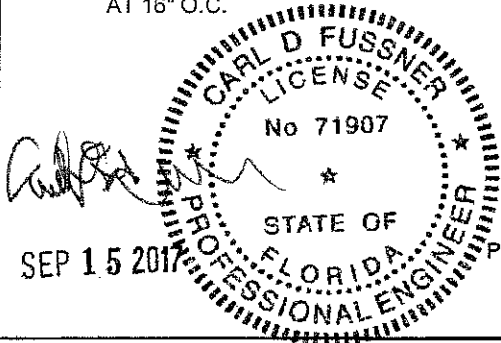
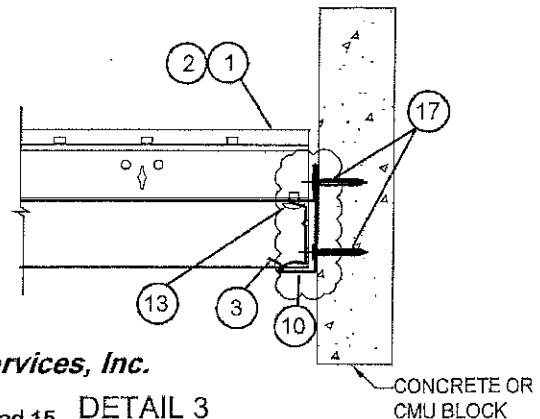
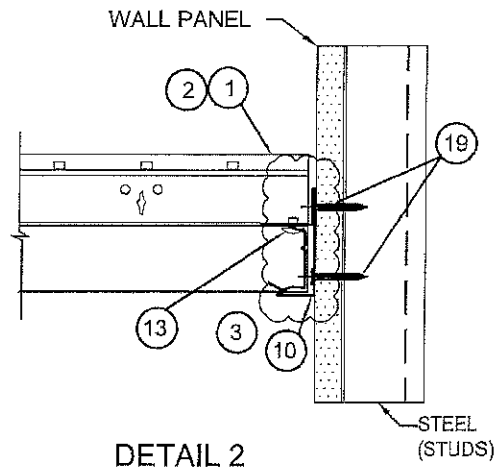
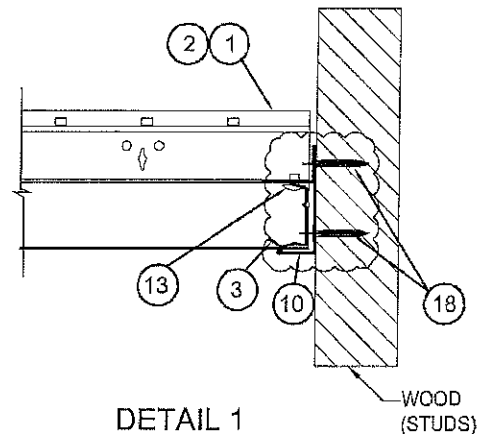
NOA-No. **17-0925.01**

Expiration Date **09/15/2021**

By: *[Signature]*  
Miami-Dade Product Control

**CONCRETE SUBSTRATE, DETAIL 3**

1 1/2" F MOLD: USE 2 - 3/16" DIA. TAPCON ANCHOR OR  
EQUIVALENT AT 16" O.C. WITH 1" MINIMUM  
EMBEDMENT AND 2" MIN. EDGE DISTANCE IN 3000  
PSI CONCRETE OR MEDIUM-WEIGHT CMU BLOCKS  
AT 16" O.C.



**PEI Engineering Services, Inc.**

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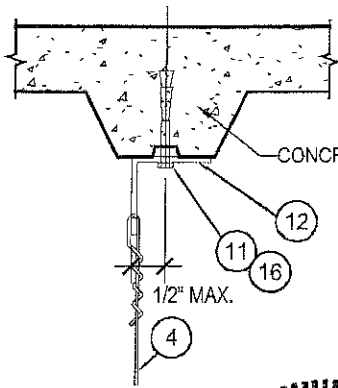
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DATE: 08/16/2017

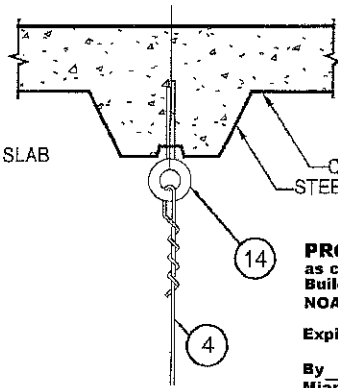
WALL DETAILS  
CELEBRATION TORSION SPRING  
EXTERIOR CEILING  
MIAMI DADE CO NOA

SHEET  
3 OF 6

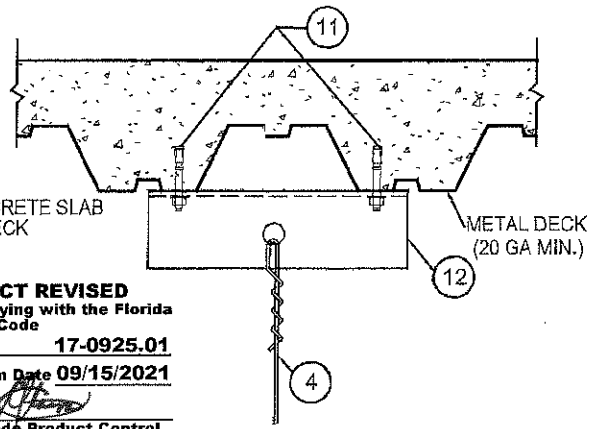




DETAIL 1

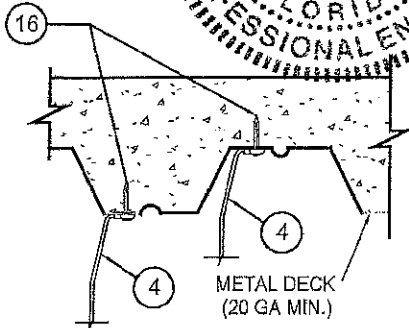
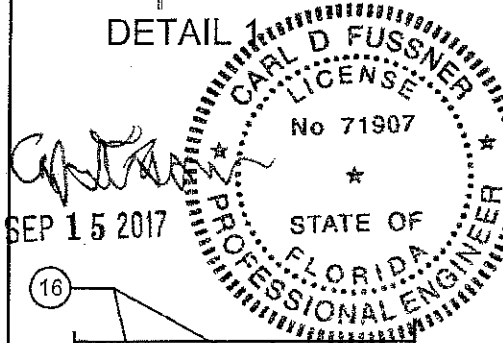


DETAIL 2

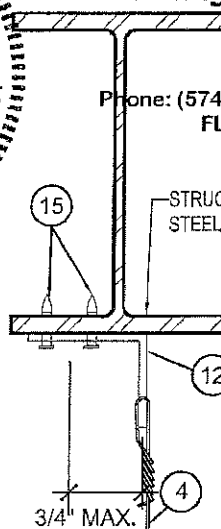


DETAIL 3

**PRODUCT REVISED**  
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Building Code  
NOA-No. 17-0925.01  
Expiration Date 09/15/2021  
By [Signature]  
Miami-Dade Product Control

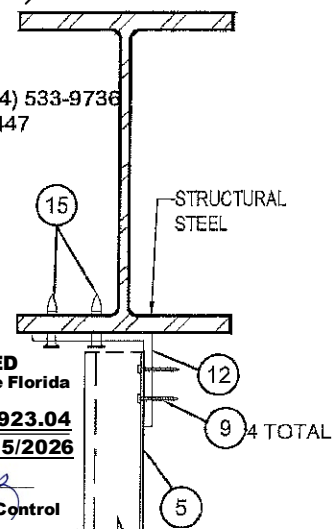


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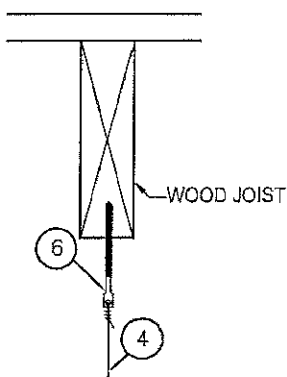


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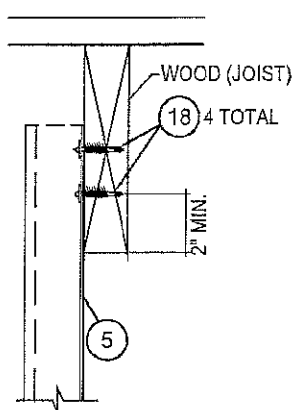
**PRODUCT REVISED**  
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Expiration Date: 09/15/2026  
By: [Signature]  
Miami-Dade Product Control



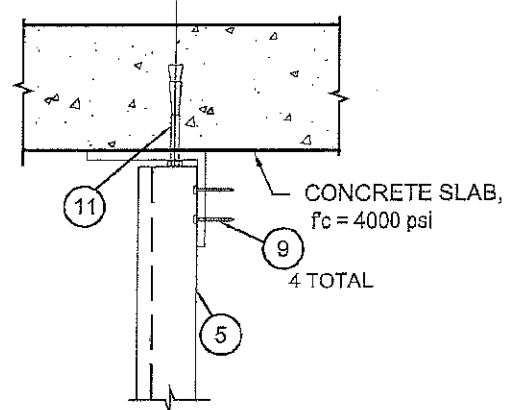
DETAIL 6



DETAIL 7



DETAIL 8



DETAIL 9

**PEI Engineering Services, Inc.**

58640 State Road 15  
Goshen, IN 46528  
Phone: (574) 533-0337 - Fax: (574) 533-9736  
FL C.O.A. Number 27447



UNITED STATES  
GYPSUM CO.  
550 West Adams Street  
Chicago, Illinois 60661

DWG.# CTS-04-R1  
DATE: 08/16/2017

ANCHORAGE DETAILS  
CELEBRATION TORSION SPRING  
EXTERIOR CEILING  
MIAMI DADE CO NOA

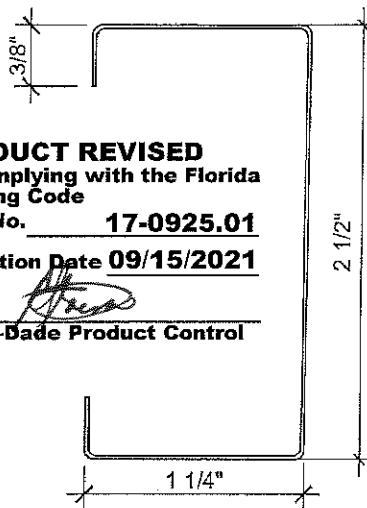
SHEET  
4 OF 6

**PRODUCT REVISED**  
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Building Code

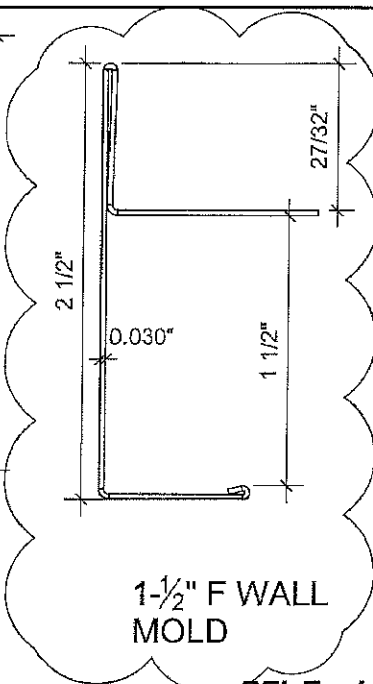
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Expiration Date **09/15/2021**

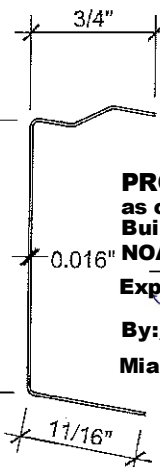
By *[Signature]*  
Miami-Dade Product Control



250S125 - 22 GA  
METAL STUD



1-1/2" F WALL  
MOLD



T15 HOLD-  
DOWN CLIP

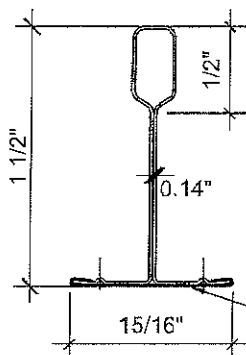
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NOA-No. **21-0923.04**

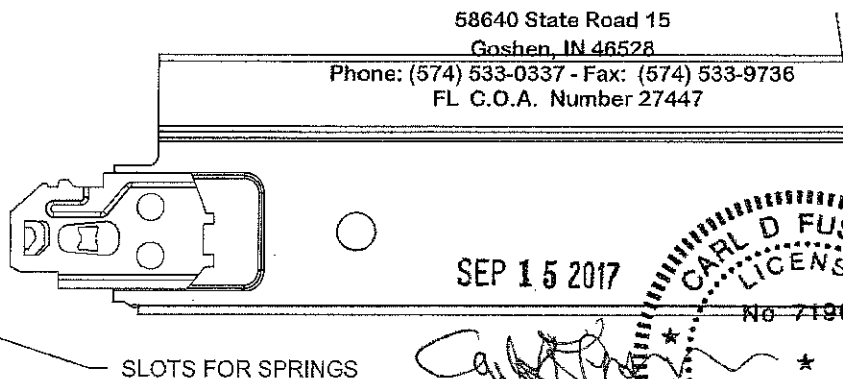
Expiration Date: **09/15/2026**

By: *[Signature]*  
Miami-Dade Product Control

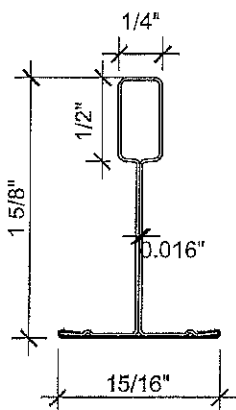
*PEI Engineering Services, Inc.*



TSCT 66 OR TSCT44 OR TSCT22 CROSS TEE

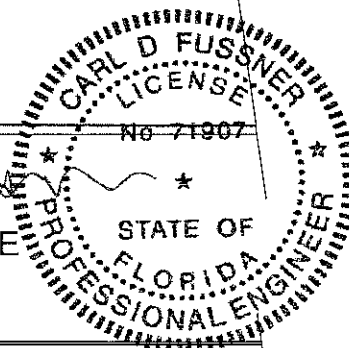


ZXLA26 MAIN TEE



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SEP 15 2017



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UNITED STATES  
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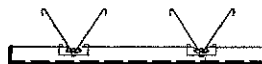
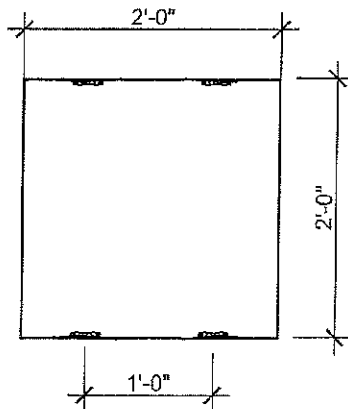
DWG.# CTS-05 - R1

DATE: 08/16/2017

COMPONENTS  
CELEBRATION TORSION SPRING  
MIAMI DADE CO NOA

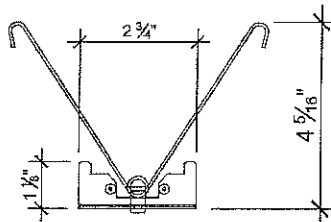
SHEET  
5 OF 6





TORSION SPRING

1 2 FT x 2 FT PANEL  
ALUMINUM TYPE 3105 H14



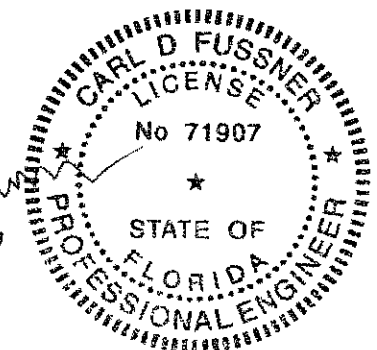
2 SPRING ASSEMBLY

STAINLESS STEEL TYPE 302 SS  
0.080 DIA. WIRE; CLIP HDG  
STEEL POWDER COATED;  
ATTACHED TO PANEL W/ 1/8"  
ALUMINUM POP RIVETS

SEP 15 2017

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By: Manuel Perez  
Miami-Dade Product Control

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DWG.# CTS-06-R1  
DATE: 08/16/2017

PANELS  
CELEBRATION TORSION SPRING  
MIAMI DADE CO NOA

SHEET  
6 OF 6