



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

**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 Paraline Plus Aluminum Exterior Ceiling System**

**APPROVAL DOCUMENT:** Drawing No. **PAR-01** through **PAR-06**, titled "Paraline Plus Exterior Ceiling System", sheets 1 through 6 of 6, dated 04/22/2016, prepared by USG Corporation, signed and sealed by Carl D. Fussner, P.E. on 08/22/2016, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval 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 1710.9.2 and 1710.9.3.

**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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Carlos M. Utrera*  
10/12/2016

NOA No. 15-1223.05  
Expiration Date: October 20, 2021  
Approval Date: October 20, 2016  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **PAR-01** through **PAR-06**, titled "Paraline Plus Exterior Ceiling System", sheets 1 through 6 of 6, dated 04/22/2016, prepared by USG Corporation, signed and sealed by Carl D. Fussner, P.E. on 08/22/2016.

**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 Paraline Plus Suspended Ceiling, prepared by Intertek-Architectural Testing, Inc., Test Report No. **E2131.02-450-18**, dated 07/02/2015, signed and sealed by Michael D. Stremmel, P.E.

**C. CALCULATIONS**

1. Anchorage calculations prepared by PEI Engineering Services, Inc., dated 08/23/2016, signed and sealed by Carl D. Fussner, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. None.

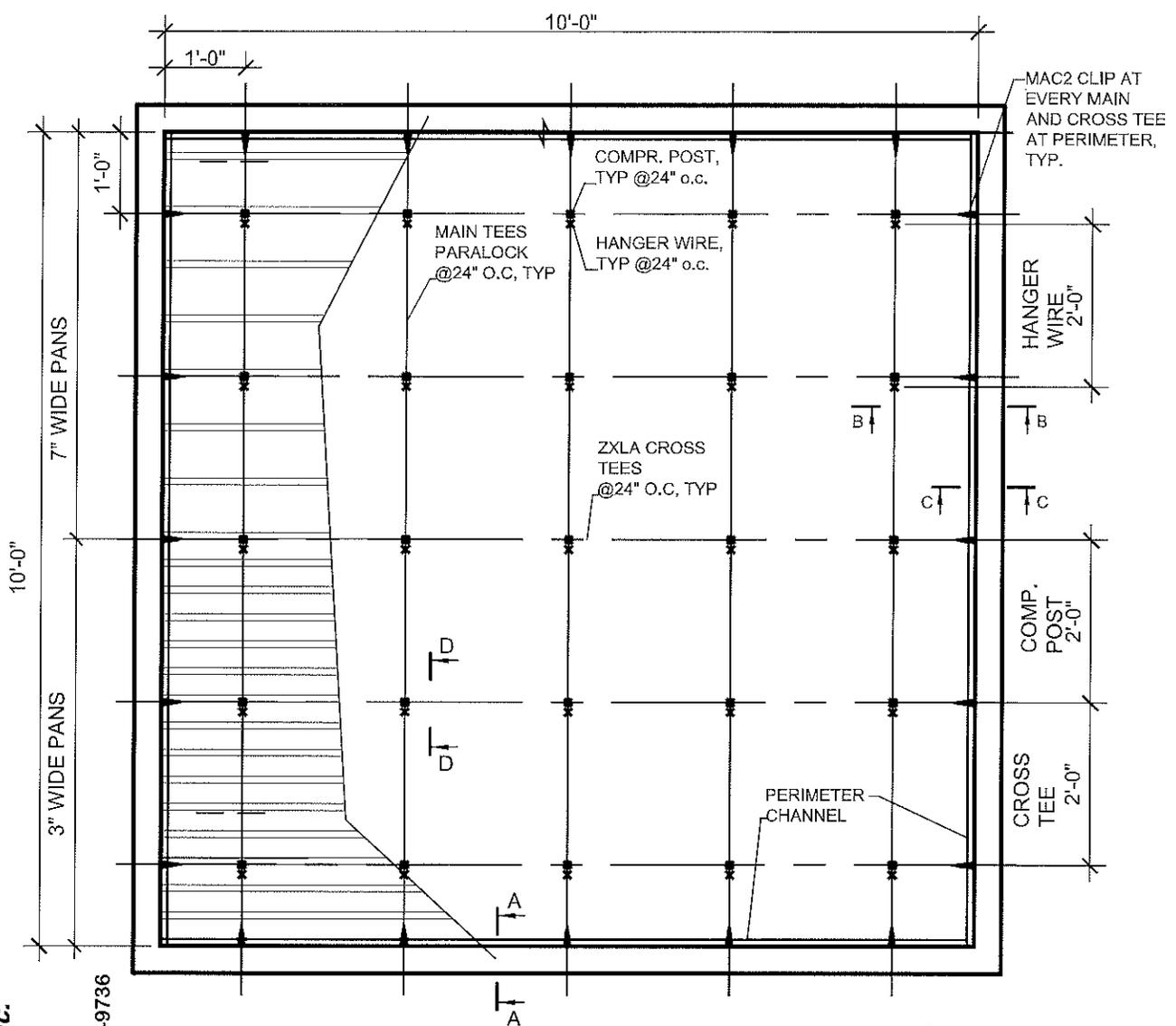
**F. STATEMENTS**

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by PEI Engineering Services, Inc., dated 05/27/2016, signed and sealed by Carl D. Fussner, P.E.
2. Statement letter of no financial interest issued by PEI Engineering Services, Inc., dated 05/27/2016, signed and sealed by Carl D. Fussner, P.E.



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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 15-1223.05  
Expiration Date: October 20, 2021  
Approval Date: October 20, 2016



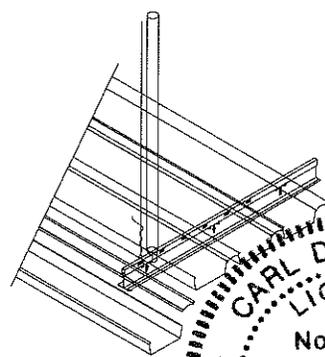
**PEI Engineering Services, Inc.**

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

**PARALINE PLUS**  
 PARALINE PLUS (PARALOCK) WITH  
 ALUMINUM PANS  
 MAIN TEES AT 24" O.C.  
 CROSS TEES AT 24" O.C.  
 COMPRESSION POSTS AT 24" O.C.  
 PANS 3" X 10' AND 7" X 10'

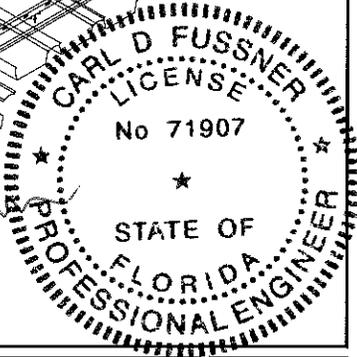
PRESSURE:  
 +75 PSF UPWARD  
 -35 PSF DOWNWARD

Approved as complying with the  
 Florida Building Code  
 Date 10/20/2016  
 NOA# 15-1223.05  
 Miami Dade Product Control  
 By [Signature]



*Carl D. Fussner*

AUG 22 2016

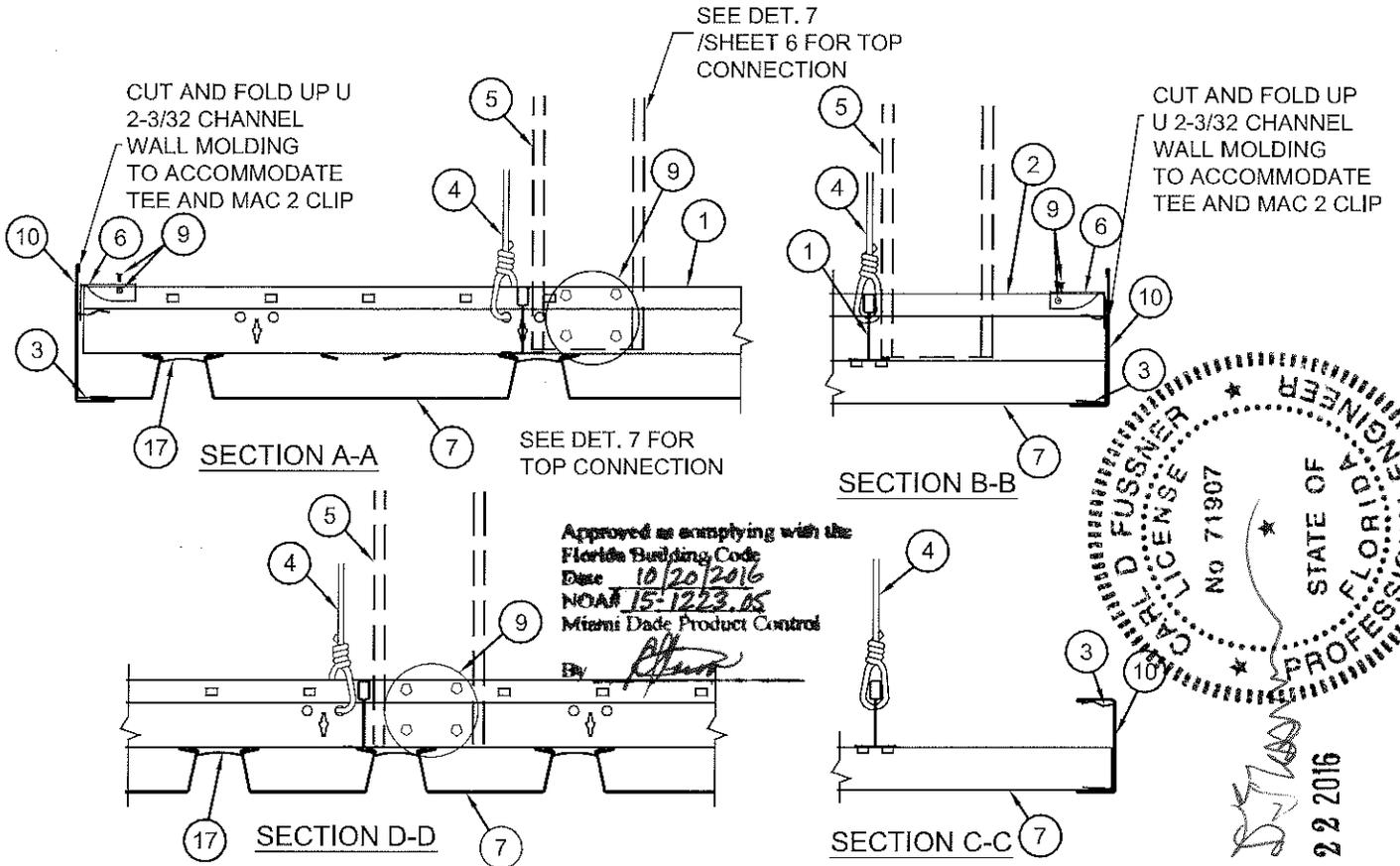


**USG**  
**UNITED STATES GYPSUM CO.**  
 550 West Adams Street  
 Chicago, Illinois 60661  
 1-800-874-4968

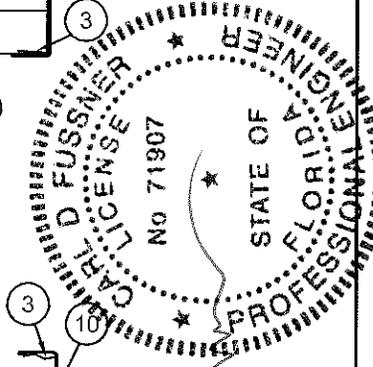
DWG.# PAR-01  
 DATE: 04/22/2016

PLAN  
 PARALINE PLUS  
 EXTERIOR CEILING SYSTEM  
 MIAMI DADE CO NOA

SHEET  
 1 OF 6



Approved as complying with the  
 Florida Building Code  
 Date 10/20/2016  
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 Miami Dade Product Control  
 By: *[Signature]*



*Carl D. Fussner*  
 AUG 22 2016

1	PARALOCK MAIN TEE, Fy (MIN) 40 KSI
2	ZXLA 224 CROSS TEE, Fy (MIN) 40 KSI
3	U-2-3/32 HOLD-DOWN CLIP; 2" LONG AT 3" PANS, 6" AT 7" PANS, 10-1/2" @12" O.C. AT LONGIT. SIDES.
4	12 GA HANGER WIRE
5	2 1/2" - 22 GA. STUD COMPRESSION POST
6	MAC 2 CLIP ATTACHED WITH 2 SCREWS, SEE SECTION A-A, SHEET 2 OF 6.
7	3" OR 7" WIDE PAN
8	1/4" LAG SCREW w/ 1 1/4" EMBEDMENT
9	#8 x 7/16" PAN HEAD SCREW
10	U 2-3/32 CHANNEL WALL MOLDING
11	HILTI 3/8" KWIK BOLT TZ-CS EXPANSION ANCHOR (OR EQUIVALENT)
12	L 1-1/2 x 1-1/2 x 6 IN. LONG 12GA. CLIP
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	SNAP-LOC INSERT
18	#8 1-1/4" SCREW SHARP POINT
19	#8 - 1 1/8" DRILL POINT SCREW
20	3/16" CARBON STEEL OR STAINLESS STEEL TAPCON ANCHOR.

**PEI Engineering Services, Inc.**

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**USG** **UNITED STATES GYPSUM CO.**  
 550 West Adams Street  
 Chicago, Illinois 60661  
 1-800-874-4968

DWG.# PAR-02  
 DATE: 04/22/2016

SECTIONS  
 PARALINE PLUS  
 EXTERIOR CEILING  
 MIAMI DADE CO NOA

SHEET  
 2 OF 6

**ANCHORING NOTES:**  
**WALL MOLDING TO STRUCTURE**

USE DETAILS 1 THROUGH 3 FOR ATTACHMENT.

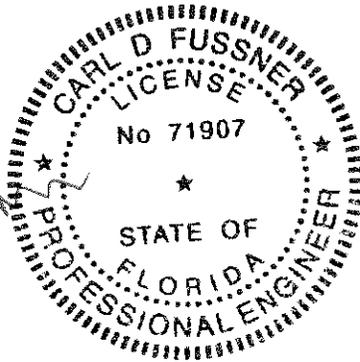
WOOD SUBSTRATE DETAIL 1  
 USE #8 SCREW OR EQUIVALENT WITH 2" MINIMUM  
 PENETRATION AT 16" O.C.

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 Date: 10/20/2016  
 NOA# 75-1223.05  
 Miami Dade Product Control

By: *[Signature]*

STEEL SUBSTRATE, DETAIL 2  
 MOLDING CHANNEL: USE #8 1-1/4" MIN.  
 SCREW OR EQUIVALENT AT 16" O.C.

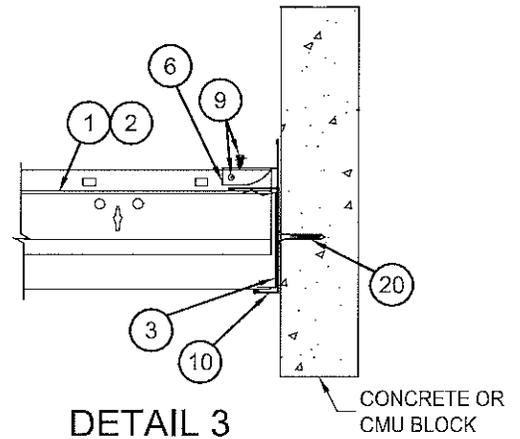
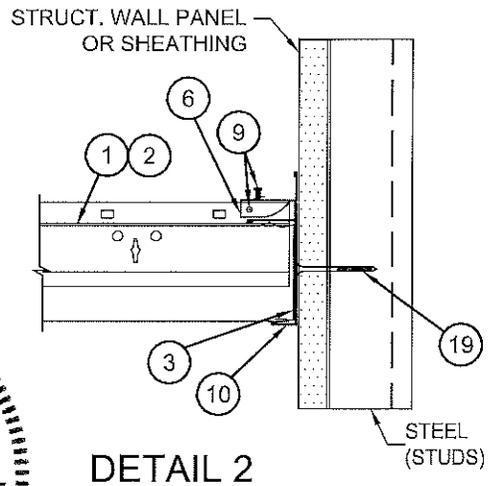
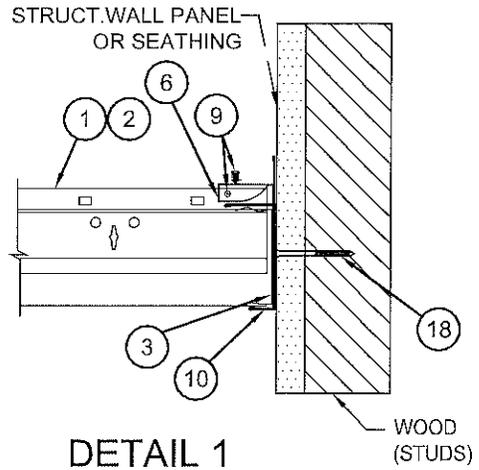
*Carl D. Fussner*  
 AUG 22 2016



CONCRETE SUBSTRATE, DETAIL 3  
 MOLDING CHANNEL: USE 3/16" DIA. TAPCON ANCHOR  
 OR EQUIVALENT 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.**

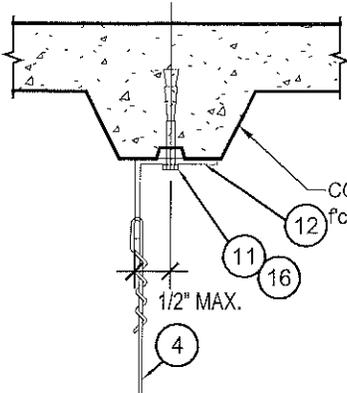
58640 State Road 15  
 Goshen, IN 46528  
 Phone: (574) 533-0337 - Fax: (574) 533-9736  
 FL C.O.A. Number 27447



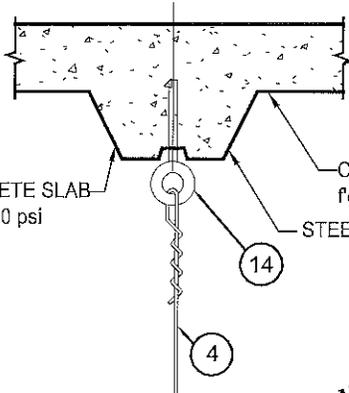
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 DATE: 04/22/2016

WALL DETAILS  
 PARALINE PLUS  
 EXTERIOR CEILING  
 MIAMI DADE CO NOA

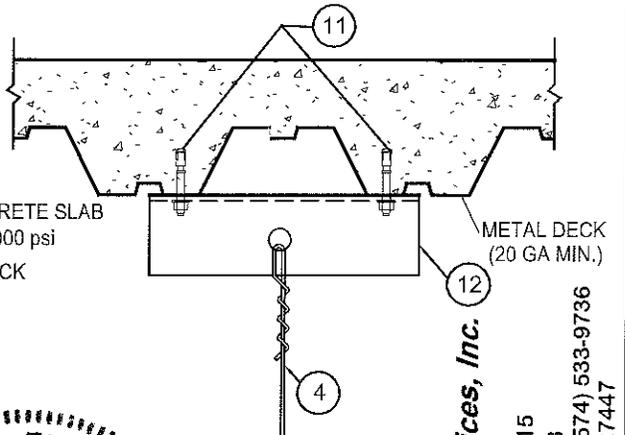
SHEET  
 3 OF 6



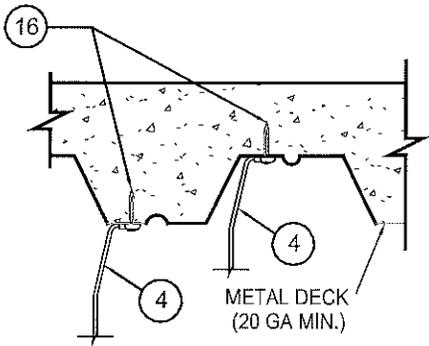
DETAIL 1



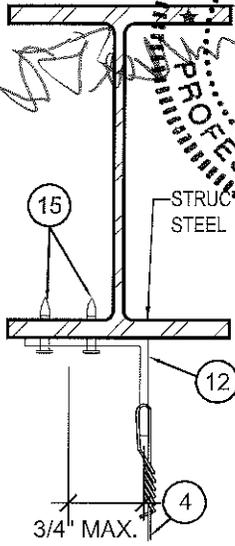
DETAIL 2



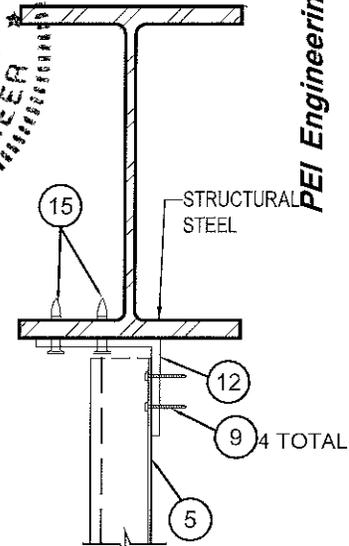
DETAIL 3



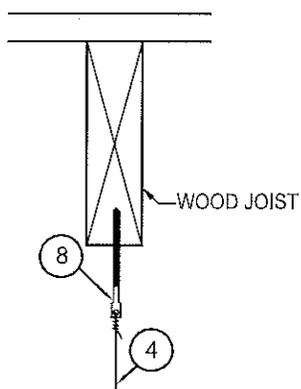
DETAIL 4



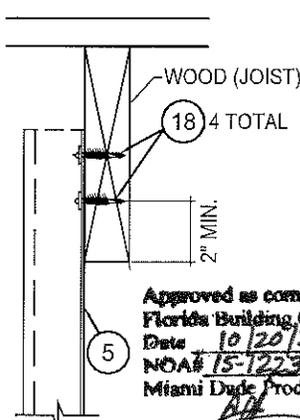
DETAIL 5



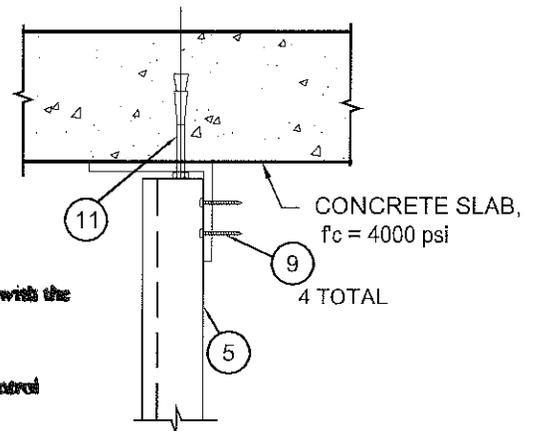
DETAIL 6



DETAIL 7



DETAIL 8



DETAIL 9

AUG 22 2016  
*Carl D. Fussner*  
 CARL D. FUSSNER  
 LICENSE  
 No 71907  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER

PEI Engineering Services, Inc.

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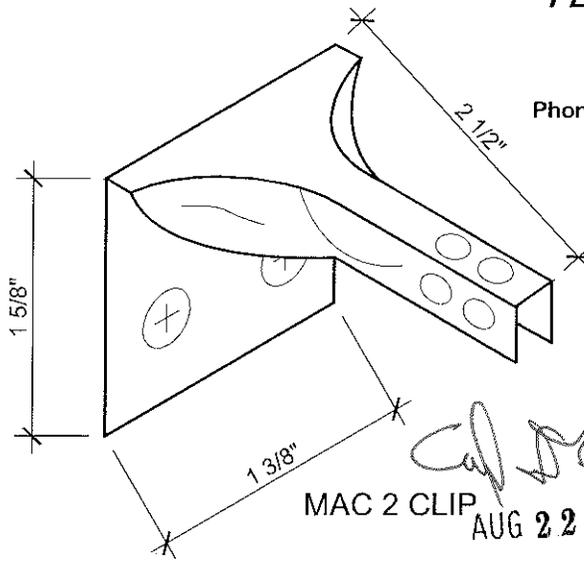
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PEI Engineering Services, Inc.

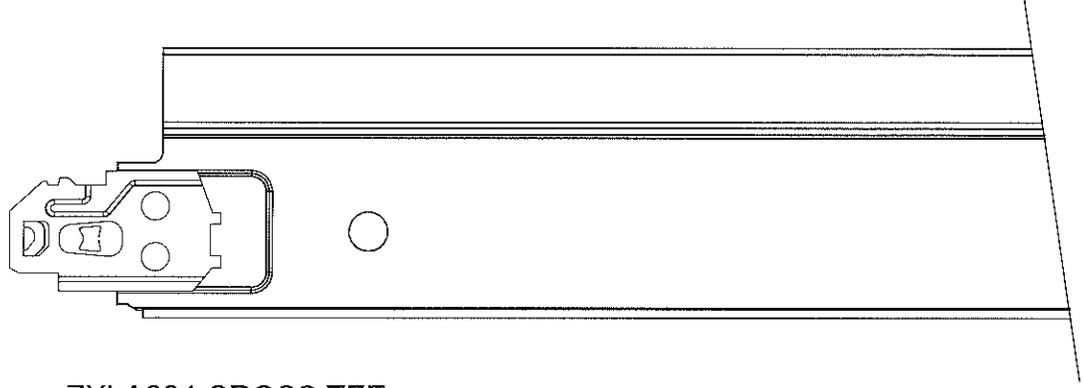
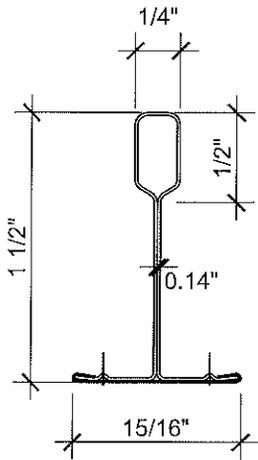
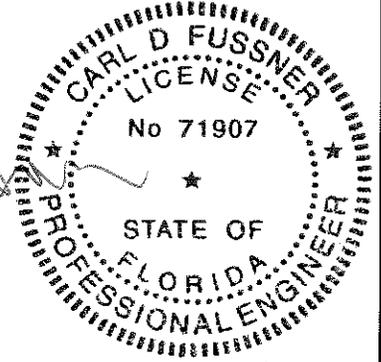
58640 State Road 15  
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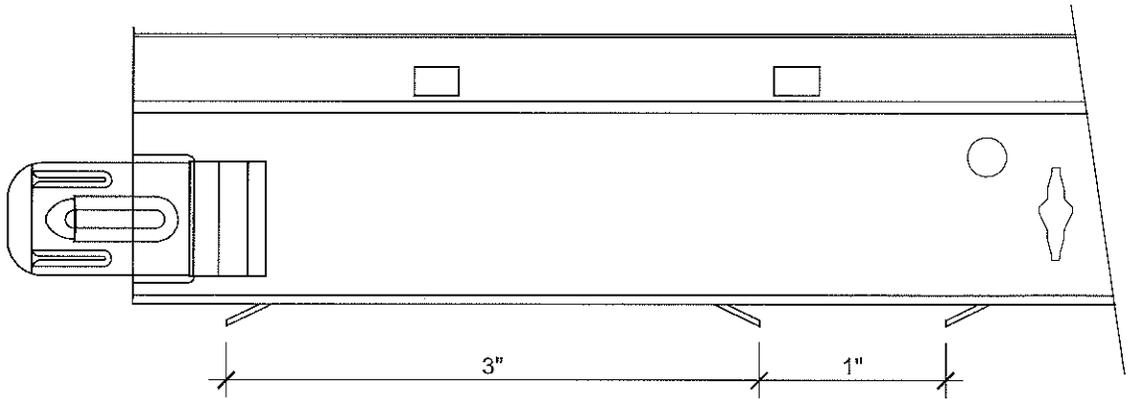
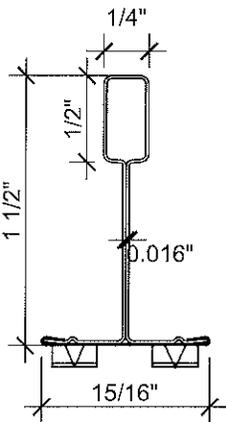
By *[Signature]*



*[Signature]*  
MAC 2 CLIP  
AUG 22 2016



ZXLA224 CROSS TEE



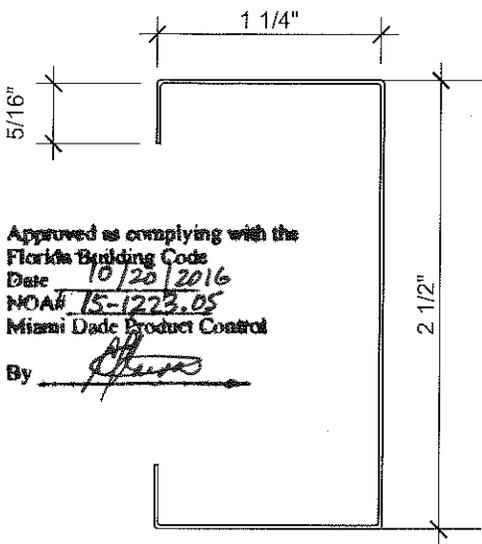
PARALOCK MAIL TEE

**USG**  
UNITED STATES GYPSUM CO.  
550 West Adams Street  
Chicago, Illinois 60661  
1-800-874-4968

DWG.# PAR-05  
DATE: 04/22/2016

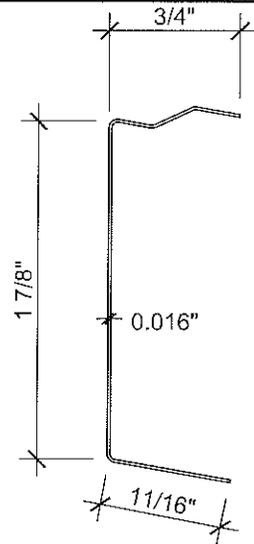
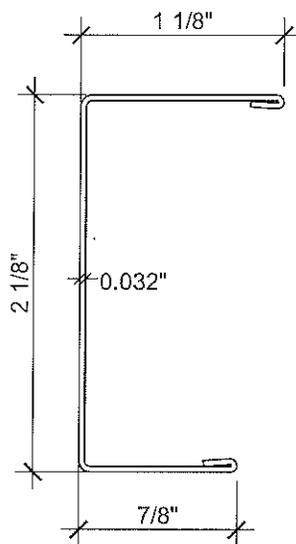
COMPONENTS DETAILS  
PARALINE PLUS  
EXTERIOR CEILING  
MIAMI DADE CO NOA

SHEET  
5 OF 6



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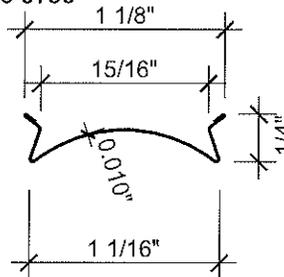
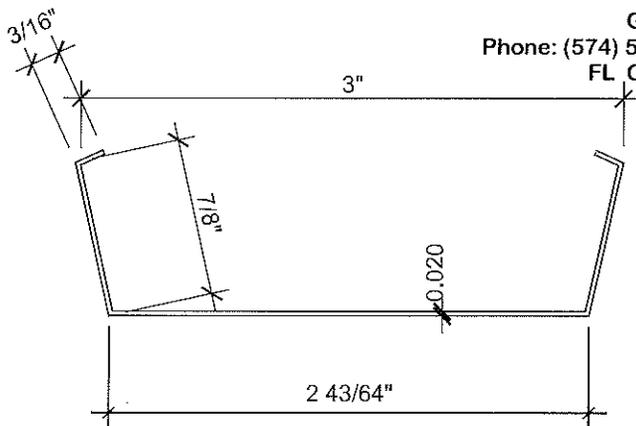


⑤ 250S125 22GA  
METAL STUD  
Fy = 33 KSI (MIN)

⑩ U 2-<sup>3</sup>/<sub>32</sub> CHANNEL  
WALL MOLDING  
*PEI Engineering Services, Inc.*

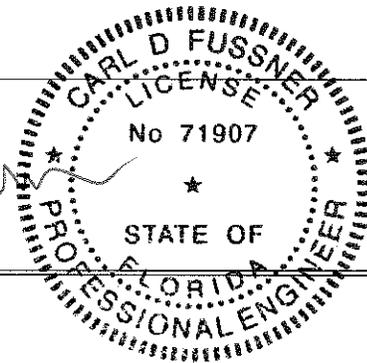
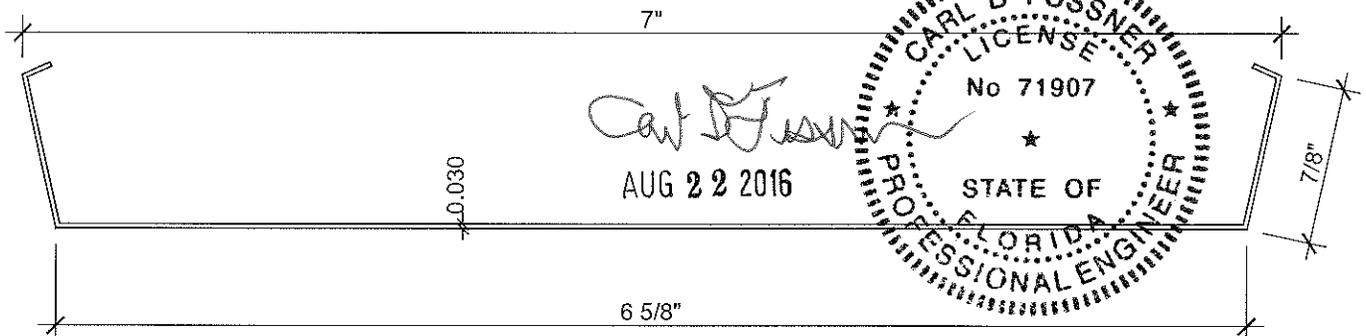
③ U 2-<sup>3</sup>/<sub>32</sub> HOLD-  
DOWN CLIP

58640 State Road 15  
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⑦ 3" PARALINE PLUS PAN,  
ALUMINUM 3003 H24

⑬ SNAP-LOC INSERT  
ALUMINUM 3003 H24



⑦ 7" PARALINE PLUS PAN, ALUMINUM 3003 H24