



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

USG Corporation
700 North Highway 45
Libertyville, IL 60048

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: Drywall Suspension System with Glass-Mat Sheathing for Exterior Ceilings

APPROVAL DOCUMENT: Drawing No. **32815.3103**, titled "Drywall Suspension System with glass-mat sheathing for exterior applications", sheets 1 through 5 of 5, dated 01/26/2010, prepared by USG Corporation, signed and sealed by William R. Heiden III, 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: Metal grid main tees shall bear a permanent label marked at not more than 4' o.c. with #601 and on each carton it shall state: 1) Manufacturer's name, city, state, 2) Product Name, 3) NOA number, 4) TAS 202 and TAS 203, 5) Net Free Area = 0. Additionally, Securock sheathing boards shall be permanently labeled with the production code and one of the following:

#066 Securock #320 Securock #681 Securock #833 Securock #360 Securock # 225 Securock
Hagersville, ON Mediapolis, IA Sweetwater, TX Baltimore, MD Shoals, IN Jacksonville, FL
and the statement: "Miami-Dade County Product Control Approved".

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 # 12-0924.03 and 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.



[Signature]
03/08/2016

NOA No. 15-0618.06
Expiration Date: September 8, 2020
Approval Date: March 17, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 32815.3103, , titled "Drywall Suspension System with glass-mat sheathing for exterior applications", sheets 1 through 5 of 5, dated 01/26/2010, prepared by William R. Heiden III, P.E., signed and sealed by William R. Heiden III, P.E.

B. TESTS

1. Test reports on Flatwise Tensile Strength Test per ASTM C297 of alternative glass-mat facing material and alternative base coat materials for USG SECUROCK Glass-Mat Sheathing, prepared by Progressive Engineering Inc. dated 09/29/2015, signed by Jason R. Holdeman.

"Submitted under NOA # 10-0629.02"

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of Drywall Suspension System with Securock Glass-Mat Sheathing, prepared by Hurricane Test Laboratory, LLC, Test Report No. 0141-1101-09, dated 04/13/2010, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by William R. Heiden III, P.E., dated 12/21/2015, signed and sealed by William R. Heiden III, P.E.

"Submitted under NOA # 10-0629.02"

2. Anchor verification calculations, prepared by PEI Engineering Services, Inc, dated 06/16/2010, signed and sealed by Steve Maierle, 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 5th edition (2015) FBC issued by William R. Heiden III, P.E., dated 12/21/2015, signed and sealed by William R. Heiden III, P.E.

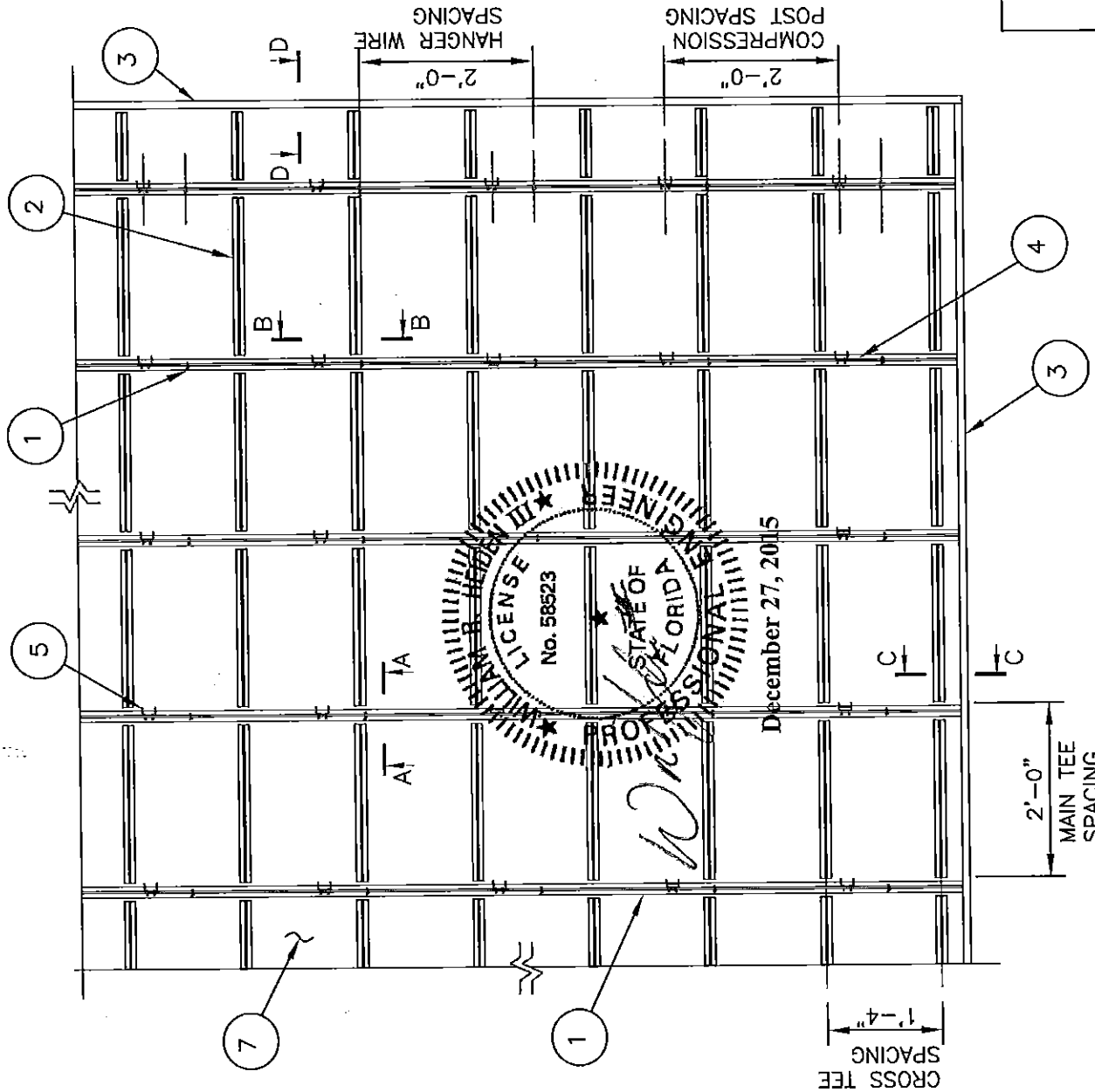
"Submitted under NOA # 12-0924.03"

2. Statement letter of code conformance to 2010 FBC issued by PEI Engineering Services, Inc, dated 09/10/2012, signed and sealed by Carl D. Fussner, P.E.


03/08/2016

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0618.06

Expiration Date: September 8, 2020
Approval Date: March 17, 2016



NOTES:

1. COMPRESSION POSTS SHALL BE ATTACHED TO MAIN TEES AT MAX. 24" ON CENTER.
2. HANGER WIRES SHALL BE INSTALLED ON MAIN TEES AT MAX. 24" ON CENTER AND MUST BE SECURED WITH MINIMUM OF THREE TURNS, FITTED IN 3" AT EACH END, SEE SECTION B-B ON SHEET 3.
3. SECURLOCK SHEATHING MUST BE ATTACHED WITH #8 - 1/4" MODIFIED TRUSS HEAD K LATH SHARP POINT (TYPE S) SCREWS TO MAIN TEES, CROSS TEES AND PERIMETER CHANNEL MOLDING AT MAXIMUM SPACING 8" ON CENTER.
4. PERIMETER CHANNEL SHALL BE ATTACHED TO MAIN STRUCTURE AT 8" O.C. MAX, REFER TO PAGE 4 FOR DETAILS.
5. REFER TO PAGE 5 FOR DIRECT APPLIED EXTERIOR SYSTEM DESCRIPTION.
6. MAIN TEE SPLICE - IF MAIN TEE HAS TO BE SPLICED, THE SPLICE CLIP DGSC-180 MUST BE ATTACHED TO MAIN TEES WITH 2-#8 - 3/4" S12 FASTENERS ON EACH END. THE HANGER WIRE AND COMPRESSION POST MUST BE LOCATED WITHIN 6" ON ONE SIDE OF THE SPLICE.

USG

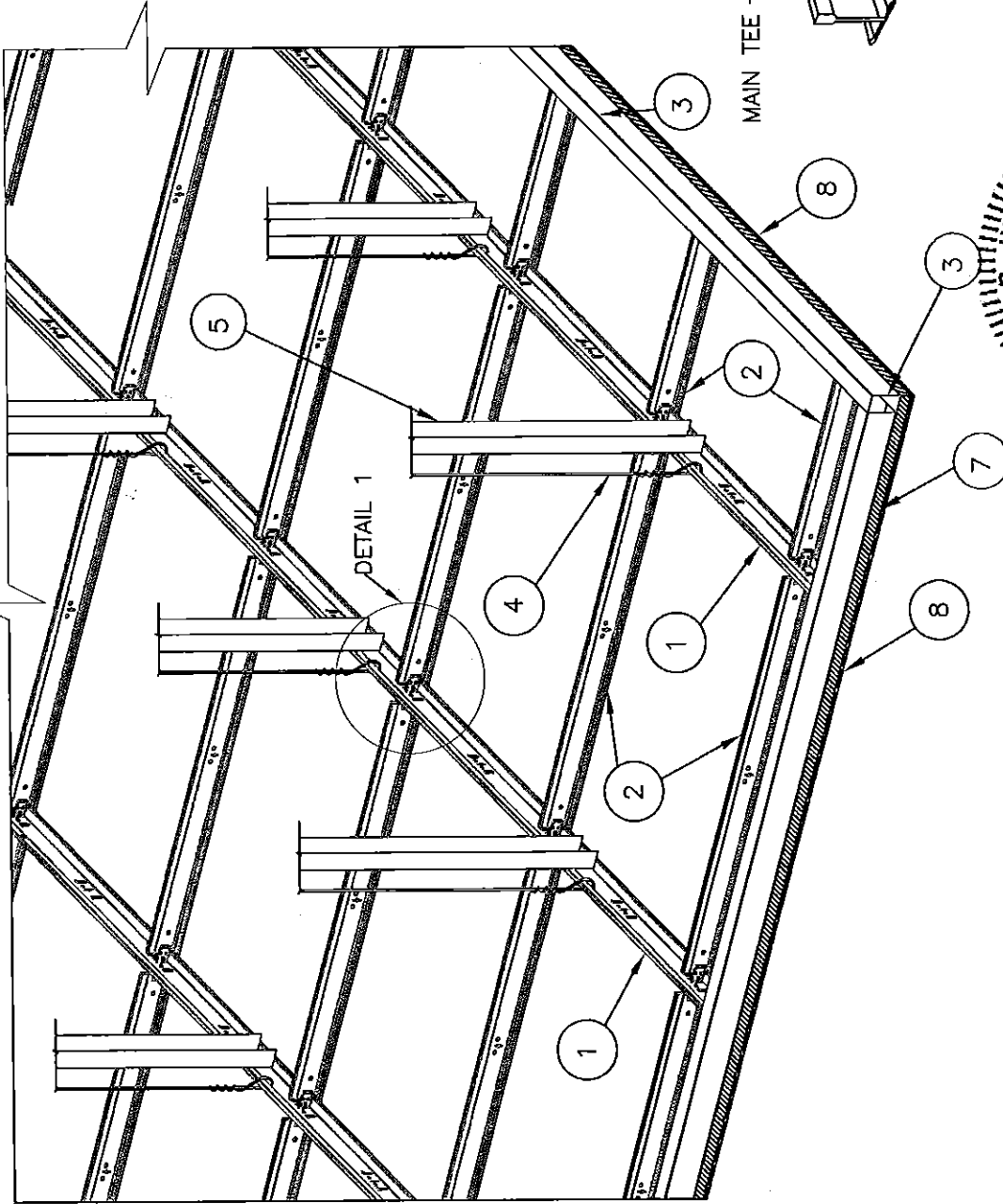
USG CORPORATION
Corporate Innovation Center
700 N. HWY. 45, Libertyville, Illinois

Drywall Suspension System with glass-mat sheathing for exterior applications.	
DR. BY ES	APVD. BY
EN. BY	REV. ML
SCALE NOT TO SCALE	BY
DATE 1/26/2010	DATE
SHEET 1 OF 5	DWG. PLAN

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-06-18.06
Expiration Date 03/08/2020
By *[Signature]*
Manager, Single Product Content

DESIGN PRESSURE
+75 PSF / -75 PSF

PLAN



COMPRESSION
POST NOT SHOWN
FOR CLARITY

HANGER WIRE
24" O.C.

SECUROCK
GLASS MAT
SHEATHING

DIRECT APPLIED
EXTERIOR FINISH
SYSTEM

MAIN TEE

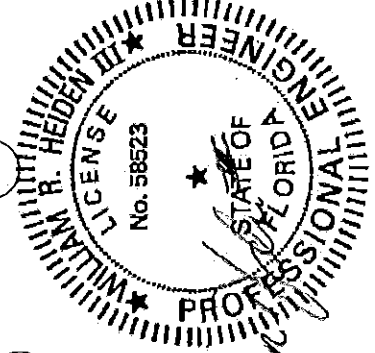
DETAIL 1

USG

USG CORPORATION
Corporate Innovation Center
700 N. HWY. 45, Libertyville, Illinois

Drywall Suspension System with glass-mat sheathing for exterior applications.

PROD DWSS-USG	DR BY ES	APVD BY
PROJ 32815.3103	CL BY	REV. NO.
SCALE NOT TO SCALE	BY	DATE
DATE 1/26/2010		
DWG 3-D VIEW AND DETAILS		



ISOMETRIC VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0618.06
Expiration Date 09/08/2020

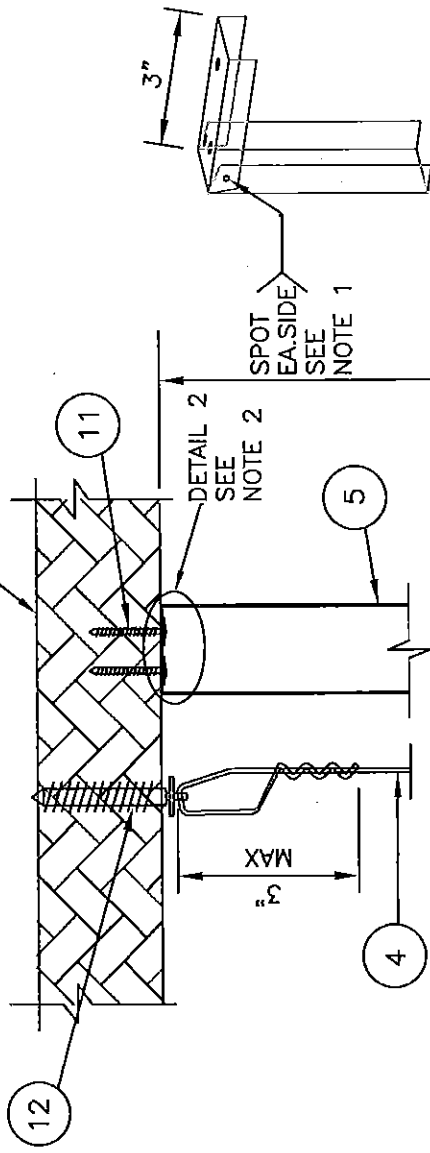
by *[Signature]*
Miguel/Steve Product Control

DESIGN PRESSURE
+75 PSF/-75 PSF

December 27, 2015

SHEET 2 OF 5

PLYWOOD; REFER TO SHEET 4
FOR ATTACHMENT TO OTHER
SUBSTRATES



DETAIL 2

NOTES:

1. SECURE FOLDED SIDES OF COMPRESSION POST WITH SPOT WELD OR FASTENERS.
2. ENGINEER SHOULD BE CONSULTED TO PROVIDE COMPRESSION POST SIZE AND ATTACHMENT FOR SPECIFIC PROJECT.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0618-06
Expiration Date 09/08/2020
By *[Signature]*
Noted Post-Product Content

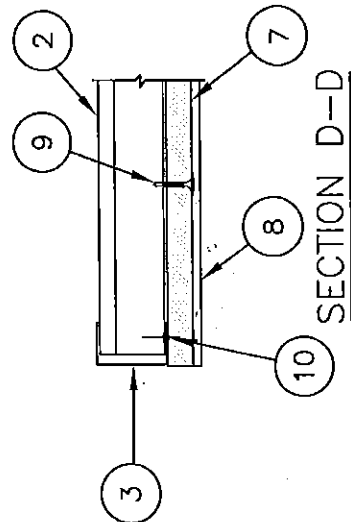
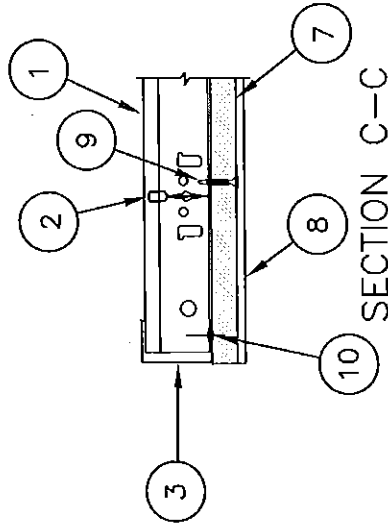
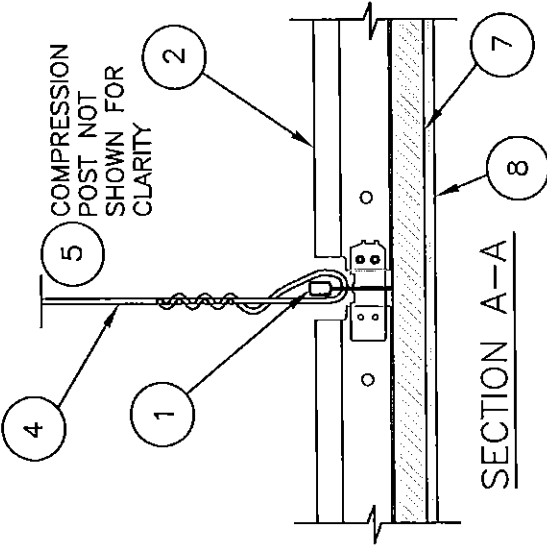
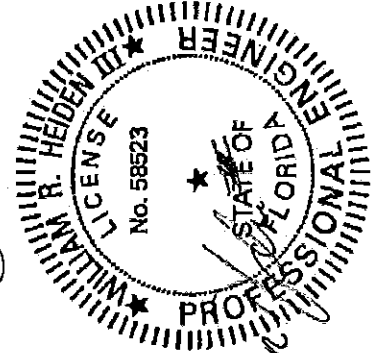
USG

USG CORPORATION

Corporate Innovation Center
700 N. HWY. 45, Libertyville, Illinois

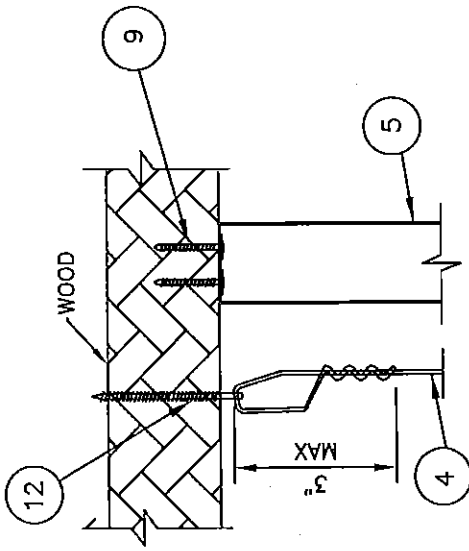
Drywall Suspension System with glass-mat sheathing for exterior applications.

DR. BY	ES	APVD. BY	
CHK. BY		REV. NO.	
SCALE	NOT TO SCALE	BY	
DATE	1/26/2010	DATE	
DWG.	SECTIONS AND DETAILS		

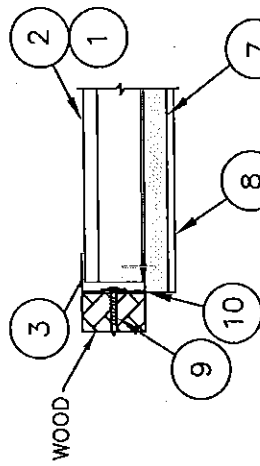


DESIGN PRESSURE
+75 PSF/-75 PSF

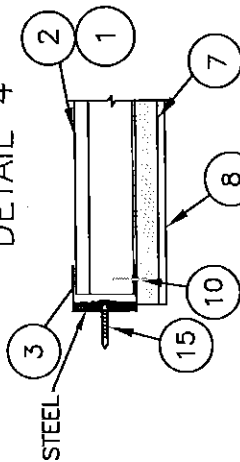
December 27, 2015



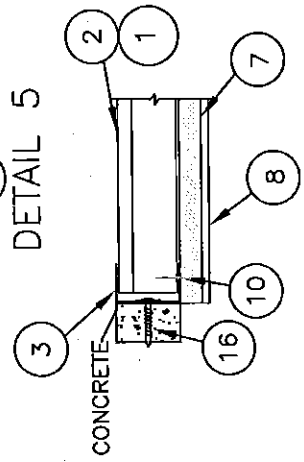
DETAIL 1



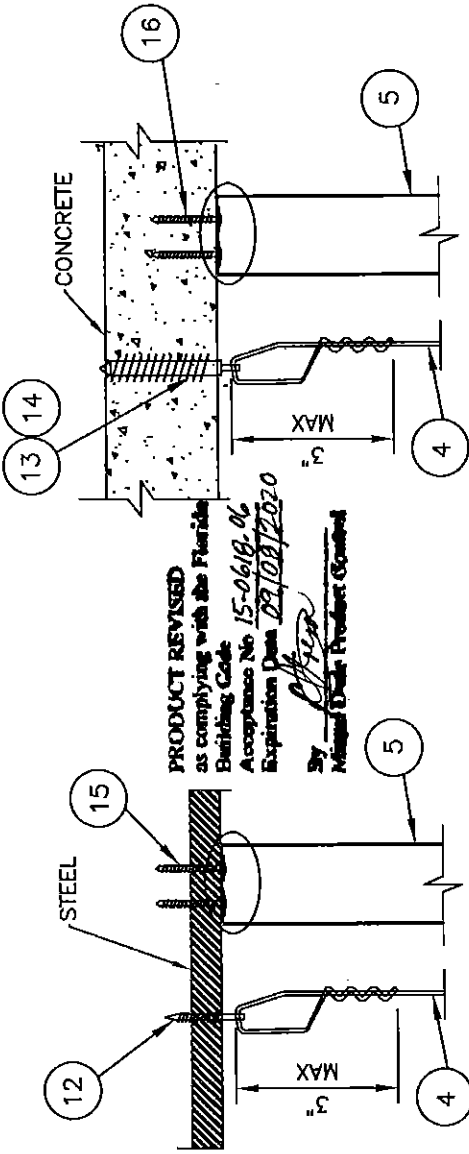
DETAIL 2



DETAIL 3



DETAIL 4



DETAIL 5

ANCHORING NOTES:

UNLESS ANCHORING TO THE MAIN STRUCTURE IS DESIGNED BY ENGINEER OR ARCHITECT OF RECORD, USE DETAILS 1 THROUGH 6 FOR ATTACHMENT.

1. WOOD SUBSTRATE, DETAIL 1 & 4

- HANGER WIRE: USE 1-#10 EYE SCREW OR EQUIVALENT WITH 1 1/4" MINIMUM PENETRATION

- COMPRESSION POST: USE 3 - #8 SCREWS OR EQUIVALENT WITH 1 1/4" MINIMUM PENETRATION.

- MOLDING CHANNEL: USE 1-#8 SCREW OR EQUIVALENT WITH 1/2" MINIMUM PENETRATION AT 8" O.C.

2. STEEL SUBSTRATE, DETAIL 2 & 5

- HANGER WIRE: USE 1-#10 EYE SCREW OR EQUIVALENT ATTACHED TO MINIMUM 14 GA. STEEL.

- COMPRESSION POST: USE 3 - #8 SCREWS OR EQUIVALENT ATTACHED TO MINIMUM 18 GA. STEEL.

- MOLDING CHANNEL: USE 1-#8 SCREW OR EQUIVALENT AT 8" O.C.

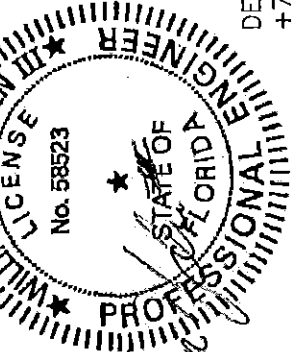
3. CONCRETE SUBSTRATE, DETAIL 3 & 6

- HANGER WIRE: USE 1-1/4" HILTI HDCA ANCHOR OR X-CU X-U 27 CEILING WIRE ANCHOR OR EQUIVALENT WITH 1-1/4" MINIMUM EMBEDMENT IN LIGHT OR NORMAL WEIGHT CONCRETE

(f'c = 3500 PSI MIN.)

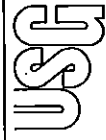
- COMPRESSION POST: USE 3 - 3/8" DIA. TAPCON CARBON STEEL OR STAINLESS ANCHOR OR EQUIVALENT WITH 2" MINIMUM EMBEDMENT AND 1 1/8" MIN. EDGE DISTANCE IN 3000 PSI CONCRETE.

- MOLDING CHANNEL: USE 1- 3/8" DIA. TAPCON ANCHOR OR EQUIVALENT WITH 1" MINIMUM EMBEDMENT AND 2" MIN. EDGE DISTANCE IN 3000 PSI CONCRETE OR MEDIUM-WEIGHT CMU BLOCKS.



DESIGN PRESSURE
+75 PSF / -75 PSF

December 27, 2015



USG CORPORATION
Corporate Innovation Center
700 N. HWY. 45, Libertyville, Illinois

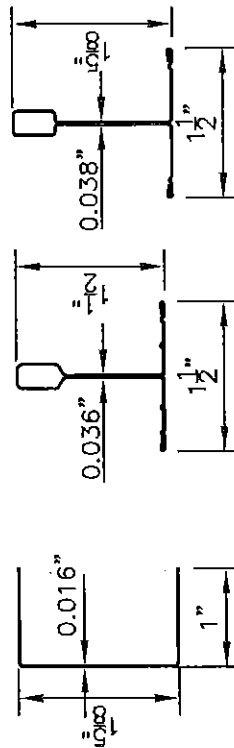
Drywall Suspension System with glass-mat sheathing for exterior applications.			
PROD DWSS-USG	DR. BY ES	APVD. BY	
	CA. BY	REV. NO.	
PRII 32815.3103	SCALE NOT TO SCALE	BY	
	DATE 1/26/2000	DATE	
SHEET 4 OF 5	DWG. ANCHORING DETAILS		

LIST OF MATERIALS

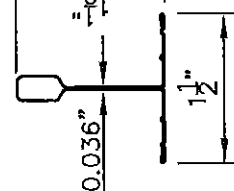
ITEM	DESCRIPTION
1	DGLW26 MAIN TEE BY USG INTERIORS, MIN. G40.
2	DGLW224 CROSS TEE BY USG INTERIORS, MIN. G40.
3	DGCM27 PERIMETER CHANNEL MOLDING BY USG INTERIORS, MIN. G40.
4	12 GAUGE HANGER WIRE, MINIMUM 3 WRAPS.
5	COMPRESSION POST, MIN. 26 GAUGE THICKNESS; SECTION PROPERTIES AND ATTACHMENT TO BE DETERMINED BY ENGINEER OF RECORD TO MEET SITE SPECIFIC CONDITIONS, INCLUDING BUT NOT LIMITED TO PLENUM HEIGHT AND SUPPORTING STRUCTURE MATERIAL.
6	MIN. #8-3/4" TYPE S12 SHEET METAL SCREW.
7	MIN. 1/2" USG SECUROCK GLASS MAT SHEATHING.
8	DIRECT APPLIED EXTERIOR FINISH SYSTEM - SEE NOTE 1.
9	MIN. #8-1 1/4" MODIFIED TRUSS HEAD K LATH SHARP POINT (TYPE S) SCREW.
10	1/8" RIVET, ONE PER TEE TO PERIMETER CHANNEL MOLDING CONNECTION.
11	3 - #8-1 1/4" TYPE S MODIFIED TRUSS HEAD K LATH SCREW.
12	#10 EYE SCREW OR EQUIVALENT.
13	HILTI X-CW X-U-27 FASTENER
14	HILTI HHDCA CEILING HANGER WITH 1-1/4" EMBEDMENT.
15	#8 - 1/4" SCREW.
16	3/16" CARBON STEEL OR STAINLESS STEEL TAPCON ANCHOR.

PRODUCT REVISED

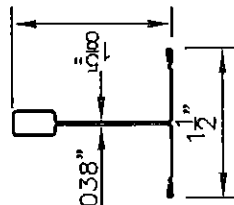
as complying with the Florida Building Code
 Acceptance No. 15-0618.06
 Expiration Date 03/08/2020



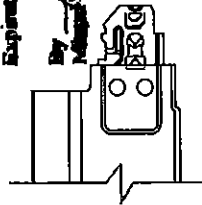
DGCM27
 DRYWALL PERIMETER
 CHANNEL MOLDING
 AND COMPRESSION
 POST



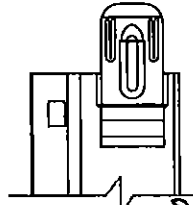
DGLW224
 FIRE RATED
 CROSS TEE



DGLW26 FIRE
 RATED MAIN TEE



TYPICAL CROSS
 TEE CLIP



TYPICAL MAIN TEE
 SPLICE CLIP

NOTES:

1. BELOW ARE 4 OPTIONS FOR DIRECT APPLIED EXTERIOR FINISH SYSTEM. ALL PRODUCTS SHALL BE APPLIED PER MANUFACTURER INSTALLATION INSTRUCTIONS.

OPTION 1: DRYVIT

BASE COAT: PRIMUS DM

MESH: STANDARD 4.3 oz. REINFORCING MESH

FINISH COAT: DRYVIT DPR FINISH

OPTION 2: PAREX

BASE COAT: PAREX 121

MESH: PAREX MESH 355

FINISH: PAREX DPR STANDARD FINISH

OPTION 3: SENERGY

BASE COAT : SENERGY ALPHA DRY BASE COAT

MESH: FLEXGUARD 4 MESH

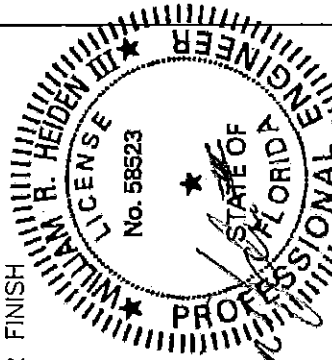
FINISH: SENERFLEX FINISH

OPTION 4: STO

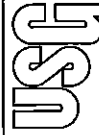
BASE COAT: STO PRIMER/ADHESIVE-B

MESH: STO MESH 4.5 oz.

FINISH: STO ESSENCE DPR FINISH



December 27, 2015



USG CORPORATION
 Corporate Innovation Center
 700 N. HWY. 45, Libertyville, Illinois

Drywall Suspension System with glass-mat sheathing for exterior application.

PROD. DWSS-USG	DR BY ES	APVD BY
PROJ. 32815.3103	CH BY	REV. NL
	SCALE	NOT TO SCALE
	DATE	1/26/2010
SHEET 5 OF 5	DWG	LIST OF MATERIALS AND SYSTEM COMPONENTS