



**MIAMI-DADE COUNTY**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**

**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2901 FAX (305) 375-2908**

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

**NOTICE OF ACCEPTANCE (NOA)**

**TransAmerican Strukturoc, Inc.**  
**920 Apollo Road, Ste. 120**  
**Eagan, MN 55121**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: "Strukturoc Force Five" Impact Resistant 0.0396" (min.) Structural Steel Wall Panel**

**APPROVAL DOCUMENT:** Drawing No. Struc - 100, titled " Strukturoc Force Five Composte Panel ", sheets 1 through 5 of 5, prepared by Wolters Engineering, Inc., dated July 12, 2007, last revision #1 dated December 26, 2007, signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact**

**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 consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
 02/07/2008

**NOA No. 07-0803.11**  
**Expiration Date: 02/07/2013**  
**Approval Date: 02/07/2008**

**TransAmerican Strukturoc, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. Struc - 100, titled " Strukturoc Force Five Composite Panel ", sheets 1 through 5 of 5, prepared by Wolters Engineering, Inc., dated July 12, 2007, last revision #1 dated December 26, 2007, signed and sealed by Scott Wolters, P.E.*

**B. TESTS**

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test, and Uniform Static Air Pressure Test on Strukturoc Exterior Steel Wall Panel, prepared by Stork Twin City Testing Corporation, Report No. 180-7393, dated 05/30/2005, signed by Thomas Allan Kolden, P.E.*

**C. CALCULATIONS**

1. *Calculations titled "Strukturoc Force Five Composite Panel", 3 pages, dated 07/27/07, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.*
2. *Calculations titled "Strukturoc Force Five Composite Panel", 3 pages, dated 12/26/07, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.*

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test Data issued by West Penn Material Evaluation, dated May 30, 2007, with mechanical properties of Sheet Steel.*



Helmy A. Makar, P.E., M.S.  
Product Control Examiner  
NOA No. 07-0803.11  
Expiration Date: 02/07/2013  
Approval Date: 02/07/2008

| NO. | REVISION DESCRIPTION | DATE     |
|-----|----------------------|----------|
| 1   | MDBCCO REVISIONS     | 12/26/07 |

MANUFACTURER:

TransAmerican  
**StrukturOC**™ INC  
Stucco Wall Systems

820 APOLLO RD, SUITE 120  
EAGAN, MN 55121

PH: (652) 884-7864  
FX: (652) 887-2716

| FASTENER SCHEDULE |                                  |              |                     |            |
|-------------------|----------------------------------|--------------|---------------------|------------|
| SYMBOL            | FASTENER                         | MAX. SPACING | BASE MATERIAL       | MIN. EMBED |
| ⊕                 | 1/4" x 1 1/4" HH TEKS TYPE SCREW | 16" O.C.     | STEEL (20 Ga. MIN.) | 1/2"       |
| ⊙                 | 1/4" x 3/4" HH TEKS TYPE SCREW   | 16" O.C.     | STEEL (20 Ga. MIN.) | 1/2"       |

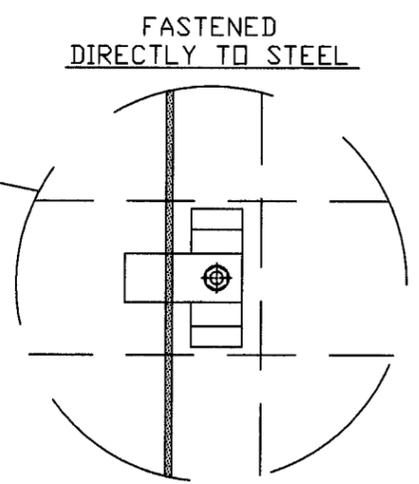
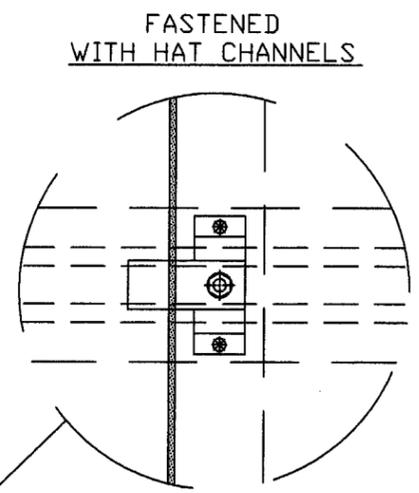
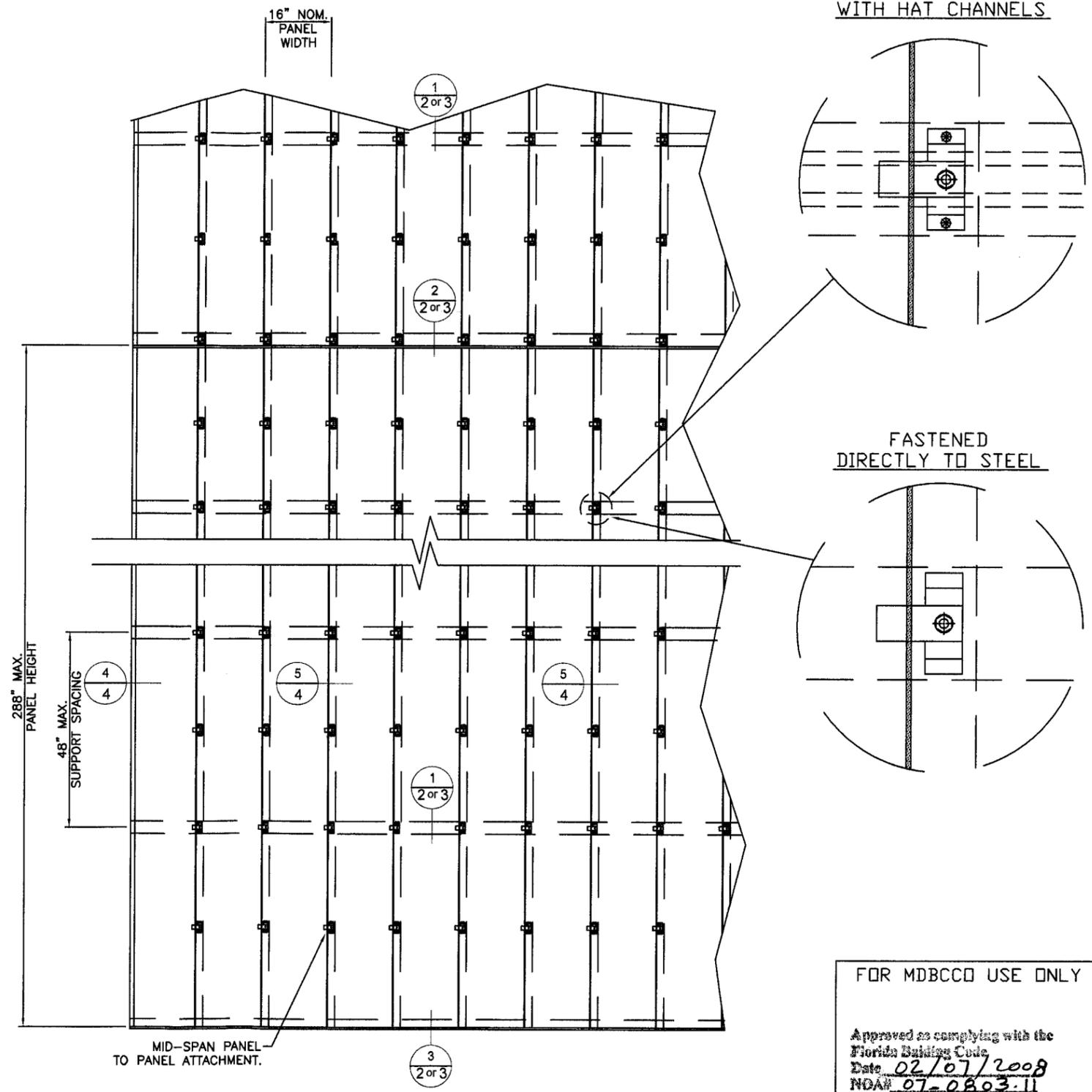
DESIGN PRESSURE  
+/- 75 PSF

**STRUKTUROC "FORCE FIVE" COMPOSITE PANEL**

IMPACT RESISTANT 20 Ga (0.0396") STEEL AND AGGREGATE PANEL, FASTENED DIRECTLY TO STEEL SUPPORTS OR USING STEEL HAT CHANNELS.

GENERAL NOTES:

- HAT CHANNELS ARE REQUIRED WHEN USING BLANKET INSULATION WITH A THICKNESS OF 3" OR MORE.
- THIS SYSTEM IS DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE, INCLUDING THE PROVISIONS FOR HVHZ.
- DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT PRESSURE CANNOT EXCEED THE DESIGN PRESSURE LISTED ABOVE.
- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER IMPOSED LOADS TO THE STRUCTURE BEYOND.
- ANCHORS SHALL BE AS LISTED ABOVE. ANCHOR EMBEDMENT IN BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE, SECTION 2003.8.4.



FOR MDCCO USE ONLY

Approved as complying with the Florida Building Code  
Date: 02/07/2008  
NDA# 07-0803-11  
Miami Dade Product Control  
By: *Helmy A. Moh*

SEAL: *Scott Wolters*

SCOTT WOLTERS  
FL PEP 6234

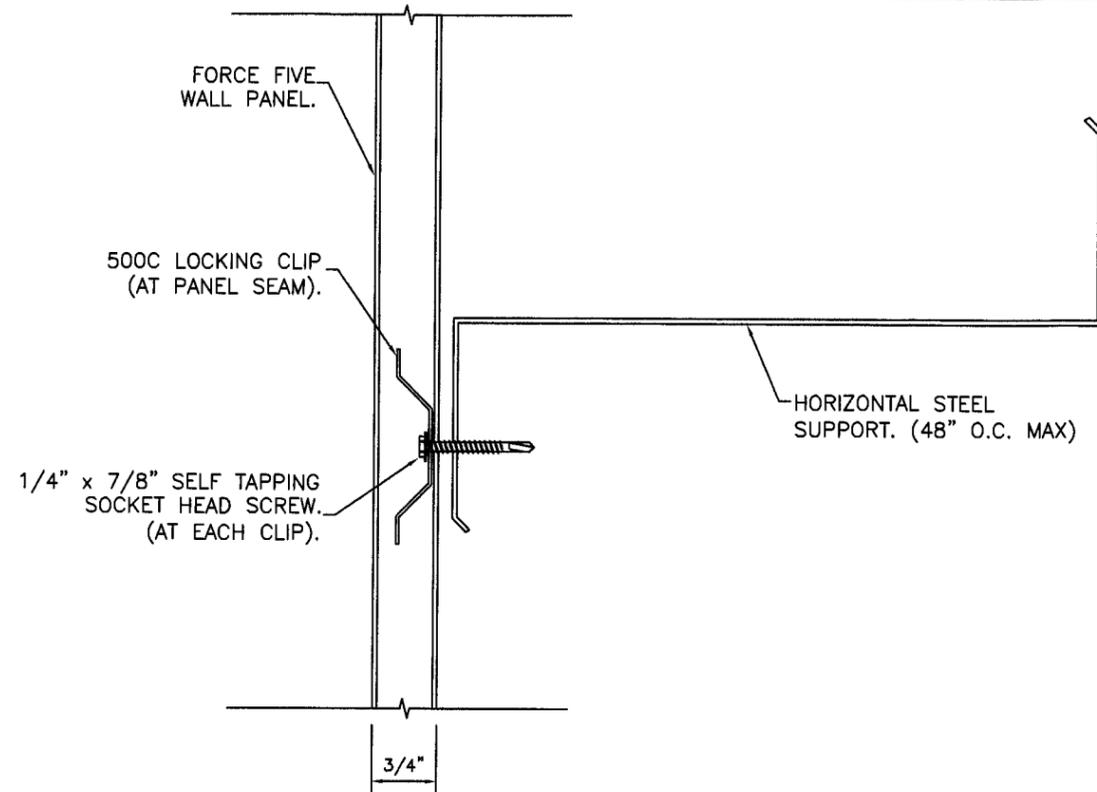
WOLTERS ENGINEERING  
10 CO.# 27194  
322 BUCHANAN ST. #609  
HOLLYWOOD, FL 33019

DRAWING NO.  
**STRUC-100**

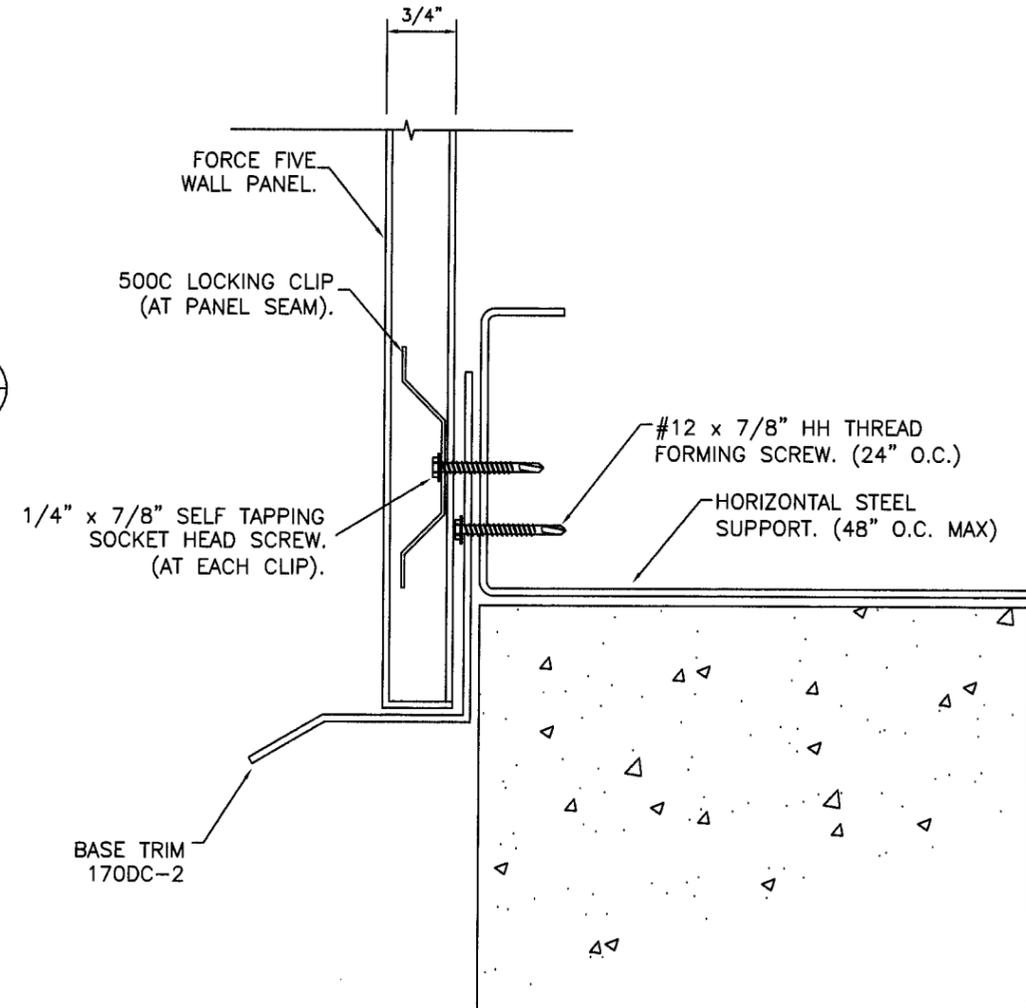
SHEET NO.  
1 OF 5

5/16" (8 mm) PANEL WITH "PANELTACK" ADHESIVE

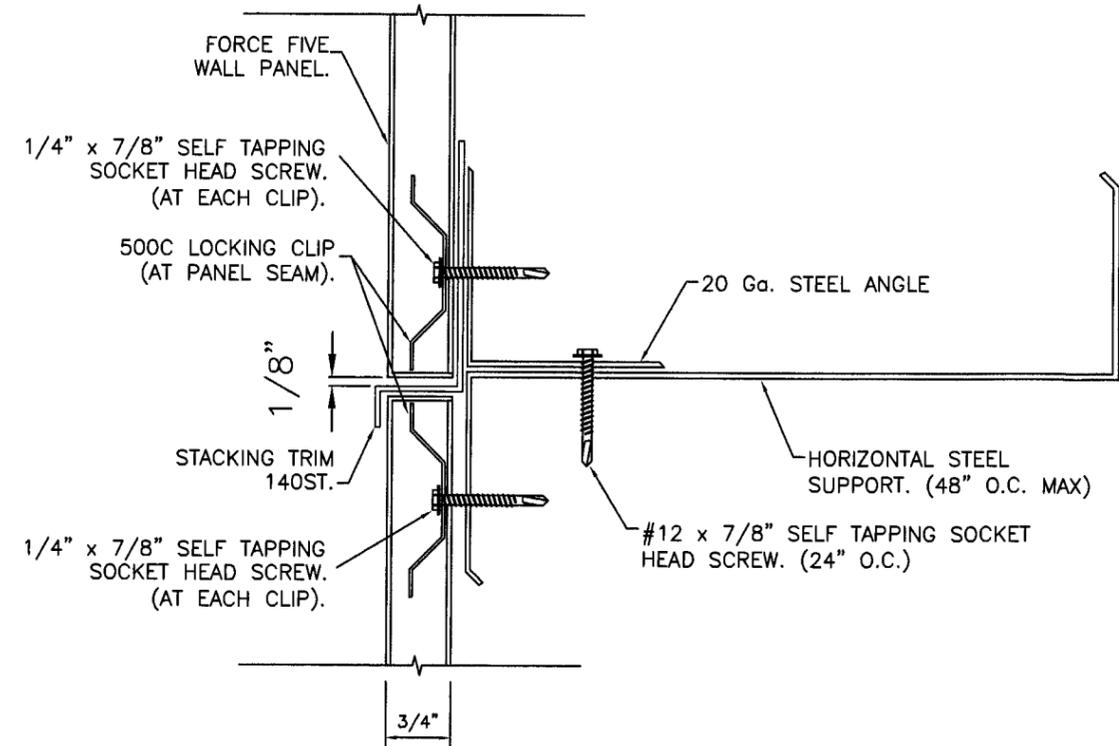
1  
2



3  
2



2  
2



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Approved as complying with the  
 Florida Building Code  
 Date 02/07/2008  
 NOAH 07-0803.11  
 Miami Dade Product Control  
 Division  
 By: *Helmy A. Mah*

|                      |          |
|----------------------|----------|
| DATE:                | 7/12/07  |
| DATE                 | 12/26/07 |
| REVISION DESCRIPTION |          |
| MDBCCO REVISIONS     |          |
| NO.                  | 1        |

MANUFACTURER:

TransAmerican  
**Strukuroc**™ INC  
 Stucco Wall Systems

920 APOLLO RD, SUITE 120  
 ECAN, MN 55121  
 PH: (952) 864-7884  
 FX: (952) 867-3716

SEAL: *Scott Walters*

12-26-07

SCOTT WALTERS  
 FL PER 62354

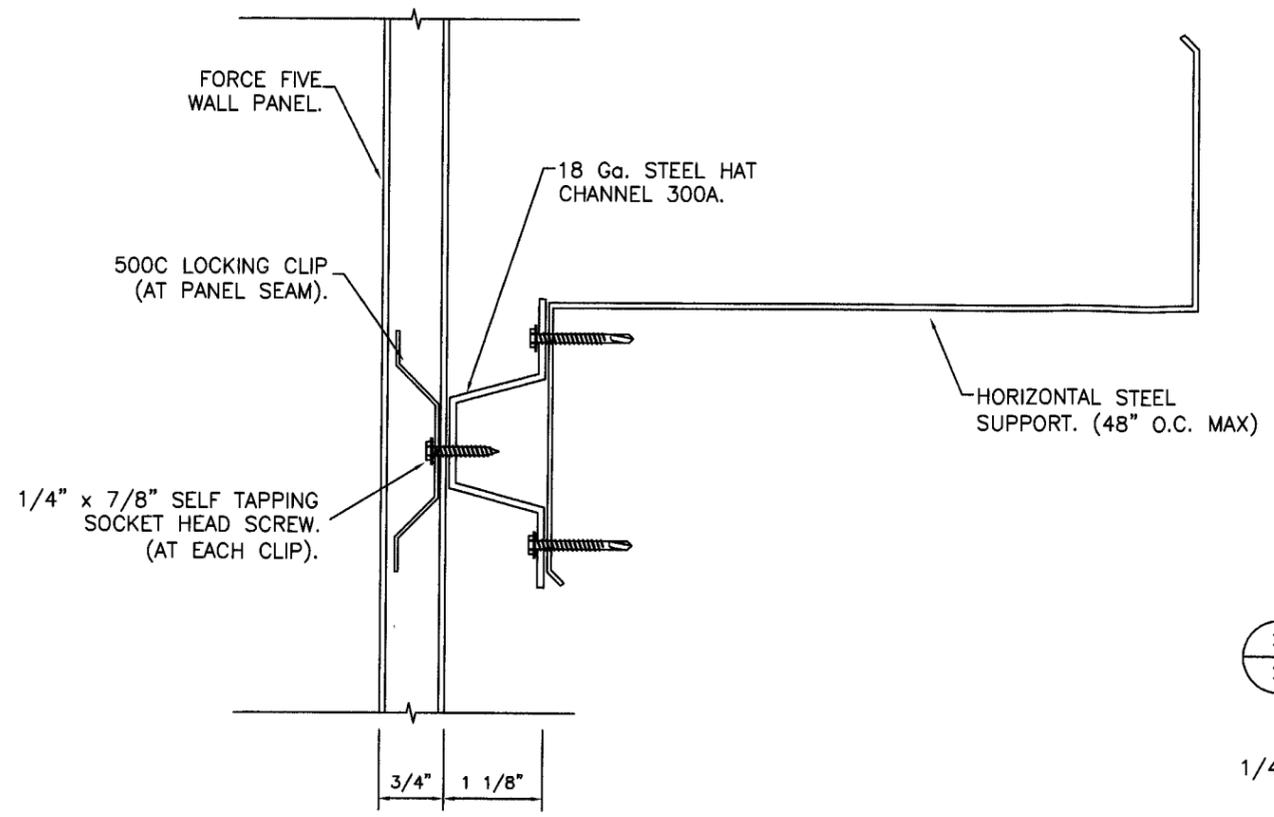
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 (CO.# 27194)  
 322 BUCHANAN ST. #608  
 HOLLYWOOD, FL 33019

DRAWING NO.  
**STRUC-100**

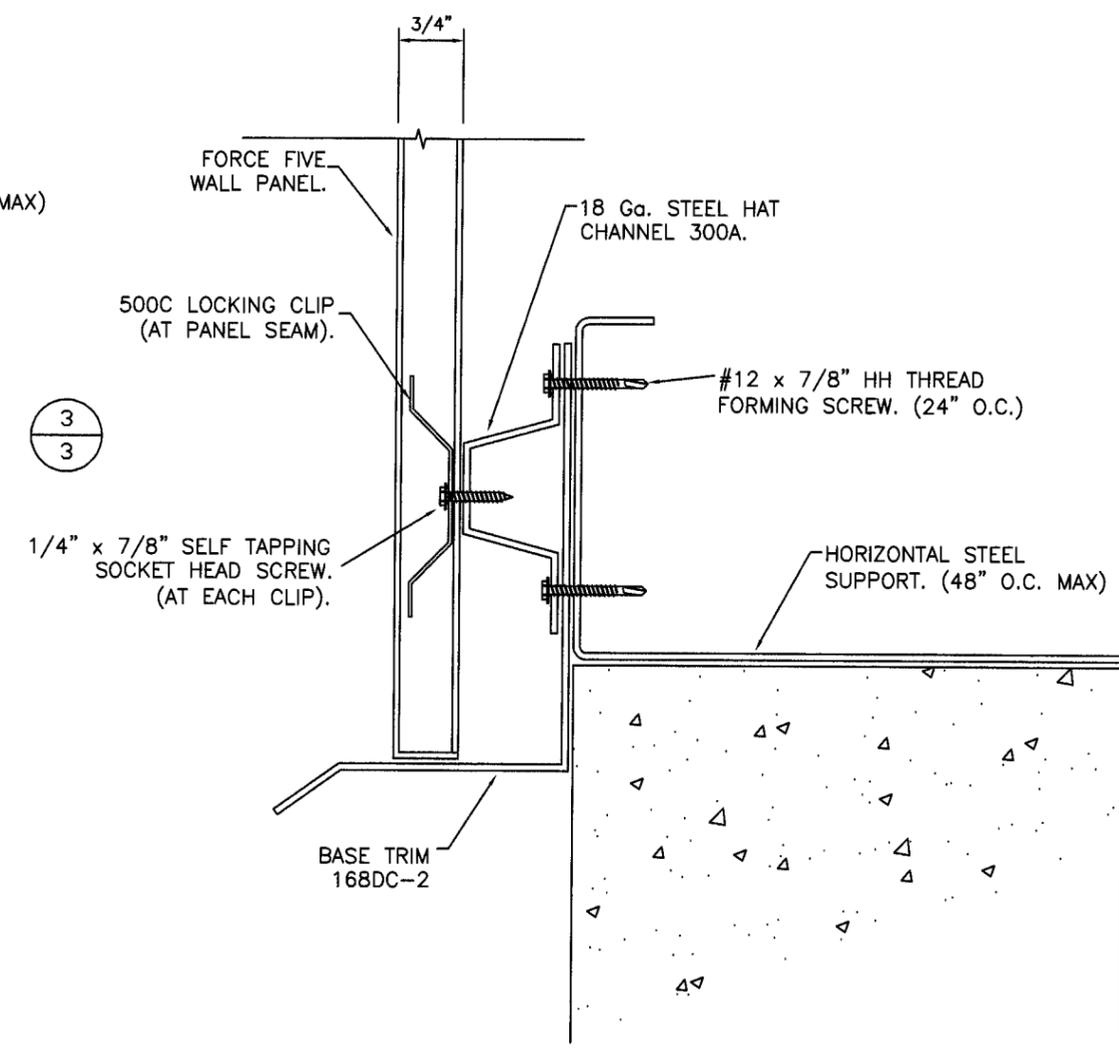
SHEET NO.  
 2 OF 5

| NO. | REVISION DESCRIPTION | DATE     |
|-----|----------------------|----------|
| 1   | MDBCCO REVISIONS     | 12/26/07 |

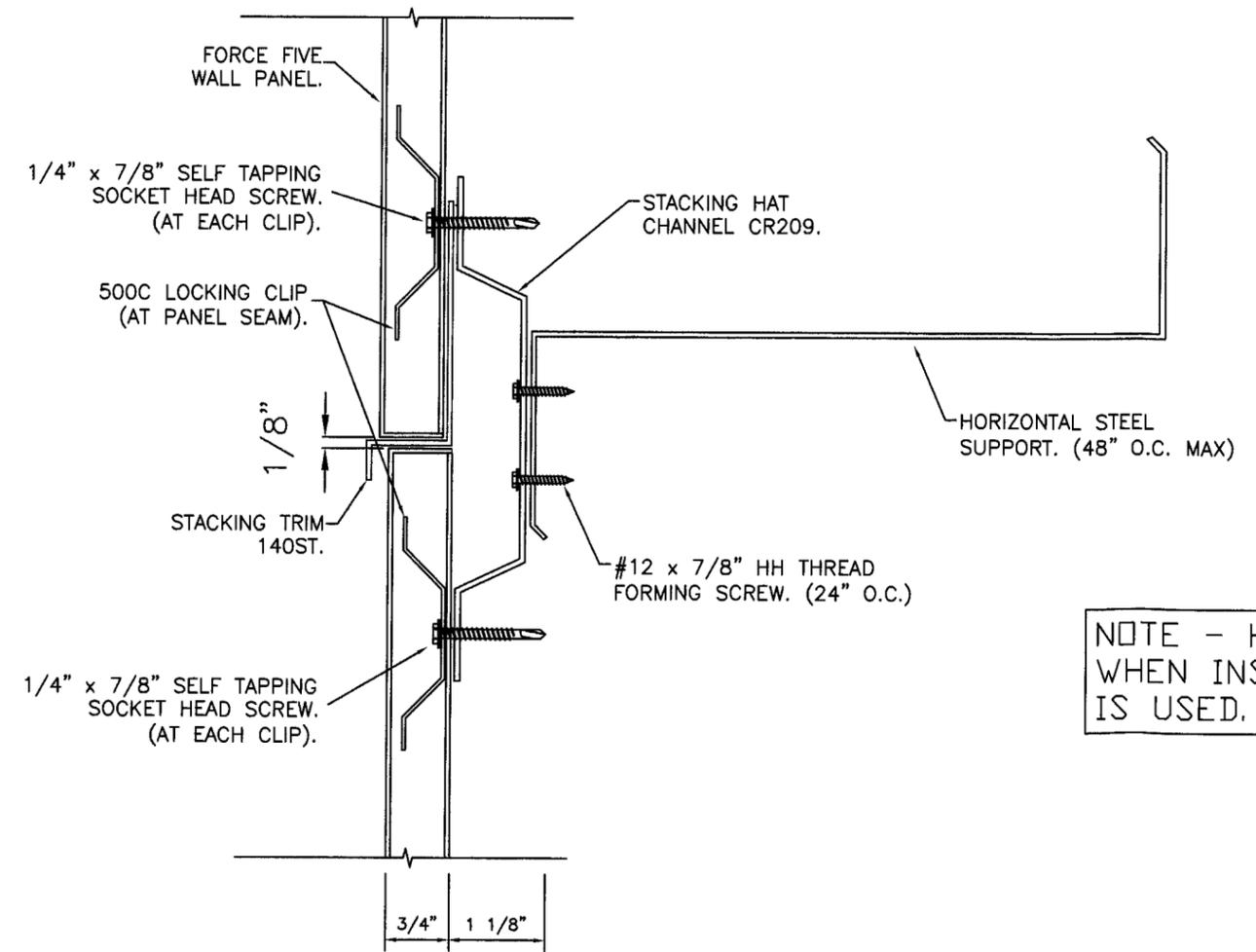
1  
3



3  
3



2  
3



NOTE - HAT CHANNELS ARE REQUIRED WHEN INSULATION 3\" THICK OR MORE IS USED.

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 Miami Dade Product Control  
 Division  
 By: *Helmy A. Mela*

MANUFACTURER:

TransAmerican  
**Strukturoc**™ INC  
 Stucco Wall Systems

820 APOLLO RD, SUITE 120  
 EAGAN, MN 55121  
 PH: (952) 884-7884  
 FX: (952) 887-2716

SEAL: *Scott Wolters*

SCOTT WOLTERS  
 FL P.E.# 62354

WOLTERS ENGINEERING  
 (CO.# 27194)  
 322 BUCHANAN ST. #609  
 HOLLYWOOD, FL 33019

12-26-07

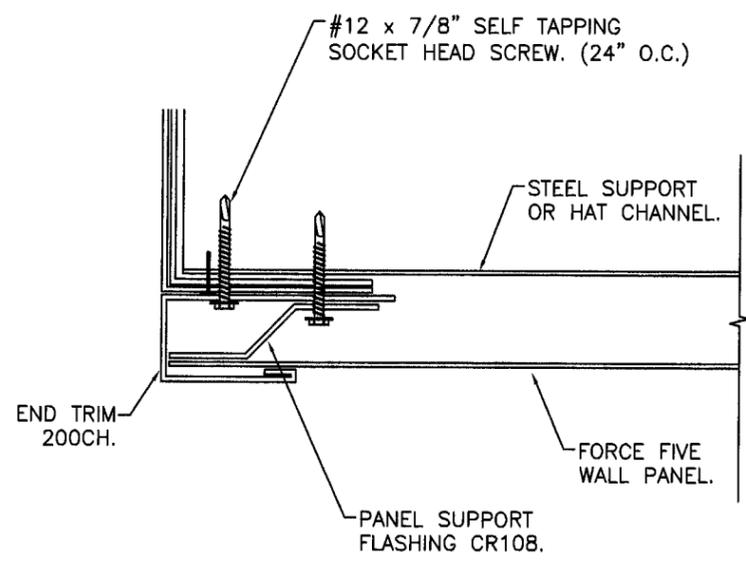
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SHEET NO.  
 3 OF 5

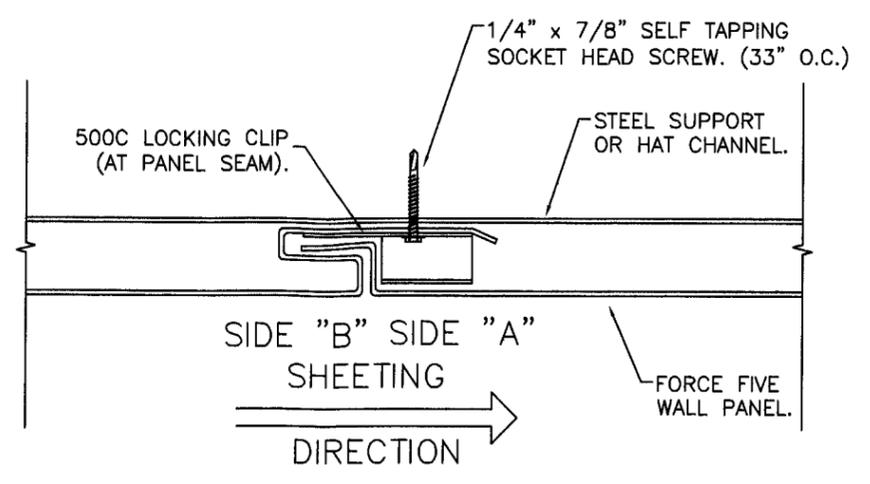
DATE: 7/12/07

| DATE     | REVISION DESCRIPTION |
|----------|----------------------|
| 12/26/07 | MDBCCO REVISIONS     |

NO. 1

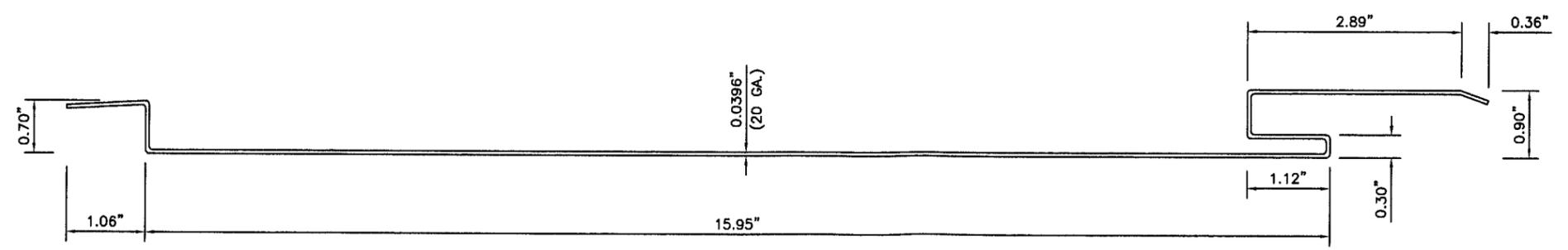


4  
4



5  
4

**OVERALL PANEL DIMENSIONS**  
(ASTM A653, SS GR40, GALVANIZED G-90)



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Miami Dade Product Control  
Division  
By: Helmut A. Walters

MANUFACTURER:

Stucco Wall Systems

920 APOLLON RD, SUITE 120  
EVAN, MI 49121

PH: (888) 884-7864  
FX: (888) 887-2718

SEAL: Scott Walters

SCOTT WALTERS  
FL PER 62354

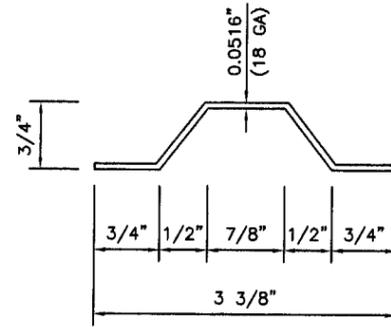
WALTERS ENGINEERING  
(CO.# 27194)  
322 BUCHANAN ST. #609  
HOLLYWOOD, FL 33019

DRAWING NO.  
**STRUC-100**

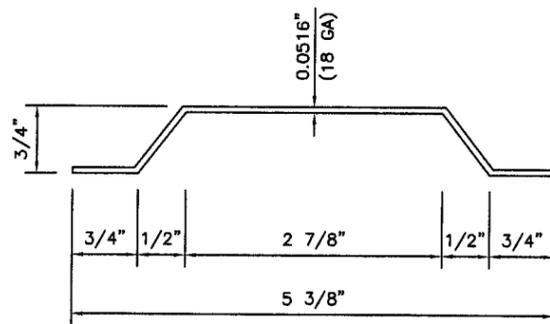
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4 OF 5

12-26-07

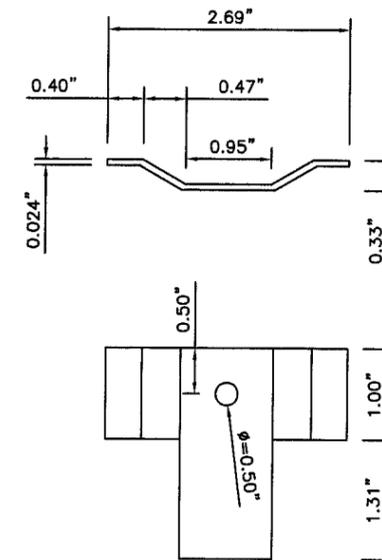
300A STEEL HAT CHANNEL  
(ASTM A653, SS GR40, GALVANIZED G-90)



CR209 STEEL HAT CHANNEL  
(ASTM A653, SS GR40, GALVANIZED G-90)



500C LOCKING SEAM CLIP  
(ASTM A682/A684 301 FULL HARD,  
STAINLESS SPRING STEEL)



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Date 07/07/2008  
NOA# 07-0803-11  
Miami Dade Product Control  
Division  
By Helmy A. Matar

| NO. | REVISION DESCRIPTION | DATE     | DATE    |
|-----|----------------------|----------|---------|
| 1   | MDBCCO REVISIONS     | 12/26/07 | 7/12/07 |
|     |                      |          |         |
|     |                      |          |         |

MANUFACTURER:



TransAmerican  
**Strukturoc**™ INC  
Succo Wall Systems

920 APPOLD RD, SUITE 120  
EAGAN, MN 55121  
PH (652) 884-7064  
FX (652) 887-2716

SEAL: Scott Nelson 12-26-07

SCOTT WOLTERS  
FL PE# 62354

WOLTERS ENGINEERING  
(CO.# 27194)  
322 BUCHANAN ST. #609  
HOLLYWOOD, FL 33019

DRAWING NO.  
**STRUC-100**

SHEET NO.  
5 OF 5