



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

NOTICE OF ACCEPTANCE (NOA)

TransAmerican Strukuroc, 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: "Strukuroc Force Five" Impact Resistant 0.0396" (min.) Structural Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. Struc - 200, titled " Strukuroc Force Five Composite Panel ", sheets 1 through 5 of 5, prepared by Wolters Engineering, Inc., dated October 24, 2008, signed and sealed by Scott Wolters, P.E., on December 30, 2008, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration 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 **revises NOA #08-0514.12** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
 01/28/2009

NOA No. 08-0724.01
Expiration Date: 02/07/2013
Approval Date: 01/28/2009

TransAmerican Strukuroc, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0803.11

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 Strukuroc 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.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0514.12

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 #2 dated May 12, 2008, signed and sealed by Scott Wolters, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*



**Helmy A. Makar, P.E., M.S.
Product Control Examiner**

NOA No. 08-0724.01

Expiration Date: 02/07/2013

Approval Date: 01/28/2009

TransAmerican Strukturoc, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. Struc - 200, titled " Strukturoc Force Five Composite Panel ", sheets 1 through 5 of 5, prepared by Wolters Engineering, Inc., dated October 24, 2008, signed and sealed by Scott Wolters, P.E., on December 30, 2008.*

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. 113-96385.2, dated 10/01/2008, signed and sealed by Jason R. Steen, P.E.*

C. CALCULATIONS

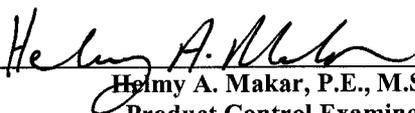
1. *Calculations titled "Strukturoc Force Five Composite Panel", 3 pages, dated 10/27/08, prepared by Wolters Engineering, Inc., signed and sealed by Scott Wolters, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



**Helmy A. Makar, P.E., M.S.
Product Control Examiner**

NOA No. 08-0724.01

Expiration Date: 02/07/2013

Approval Date: 01/28/2009

NO.	REVISION DESCRIPTION	DATE

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

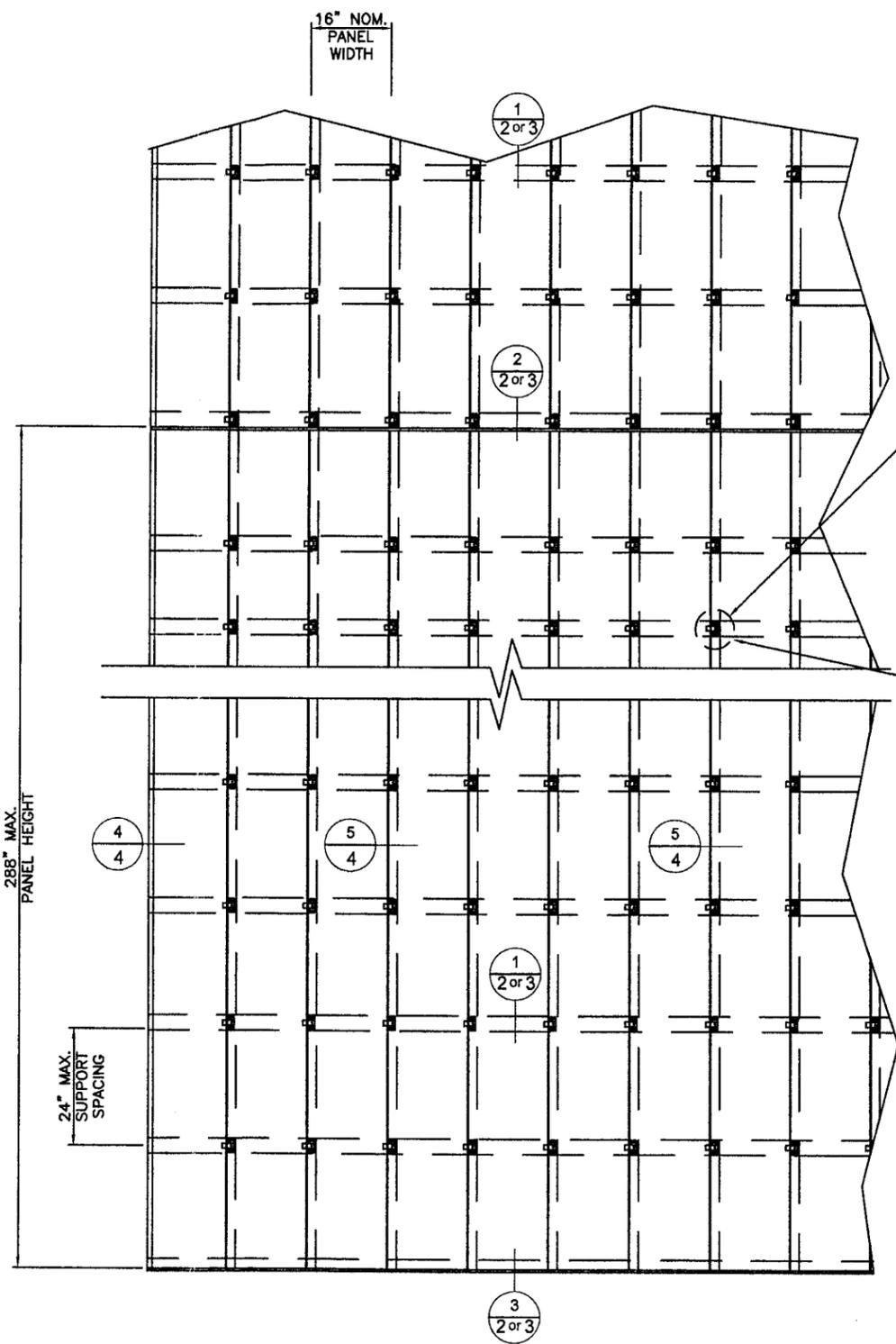
DESIGN PRESSURE
+/- 120 PSF

STRUKTUROC "FORCE FIVE" COMPOSITE PANEL

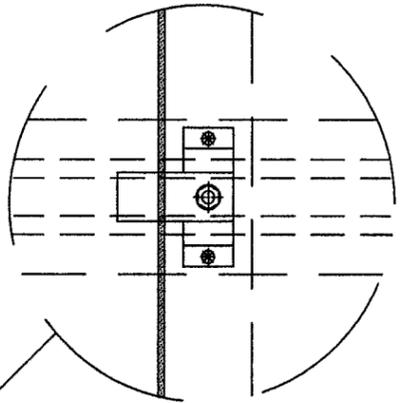
IMPACT RESISTANT 20 Ga (0.0396") STEEL AND AGGREGATE PANEL, FASTENED DIRECTLY TO WOOD OR STEEL SUPPORTS OR USING STEEL HAT CHANNELS.

GENERAL NOTES:

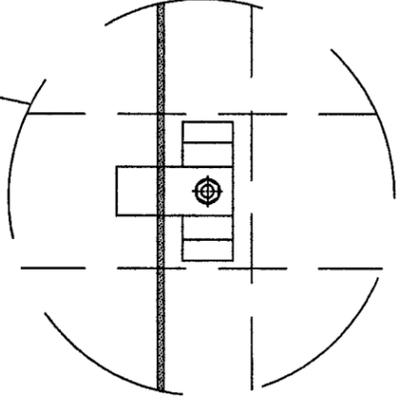
- HAT CHANNELS ARE REQUIRED WHEN USING BLANKET INSULATION WITH A THICKNESS OF 3" OR MORE.
- THIS SYSTEM IS DESIGNED TO COMPLY WITH THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE, INCLUDING THE PROVISIONS FOR HVHZ.
- DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH 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.



FASTENED WITH HAT CHANNELS



FASTENED DIRECTLY TO WOOD OR STEEL



FORCE FIVE PANEL

FOR MDBCCO USE ONLY

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 08-0724.01
Expiration Date 02/07/2013
By Helmut A. Wolters
Miami Dade Product Control Division

MANUFACTURER:

TransAmerican
Strukturoc™ INC
Stucco Wall Systems

100 W. WINDYBROOK DR. SUITE 120
EAGAN, MN 55121

PH: (650) 984-7964
FX: (650) 987-2711

SEAL: Scott Wolters

12-30-08

SCOTT WOLTERS
FL PER 62354

WOLTERS ENGINEERING
(CORP) 27154
192 BUCKRAVE ST. #307
HOLLYWOOD, FL 33019

NO.	REVISION DESCRIPTION	DATE

MANUFACTURER:

TransAmerican
Strukturoc™ INC
Stucco Wall Systems

500 APPOLO RD., SUITE 120
DUNN, MI 48121

PH: (800) 864-7884
FX: (800) 867-2716

SEAL: *Scott Walters*

12-30-08

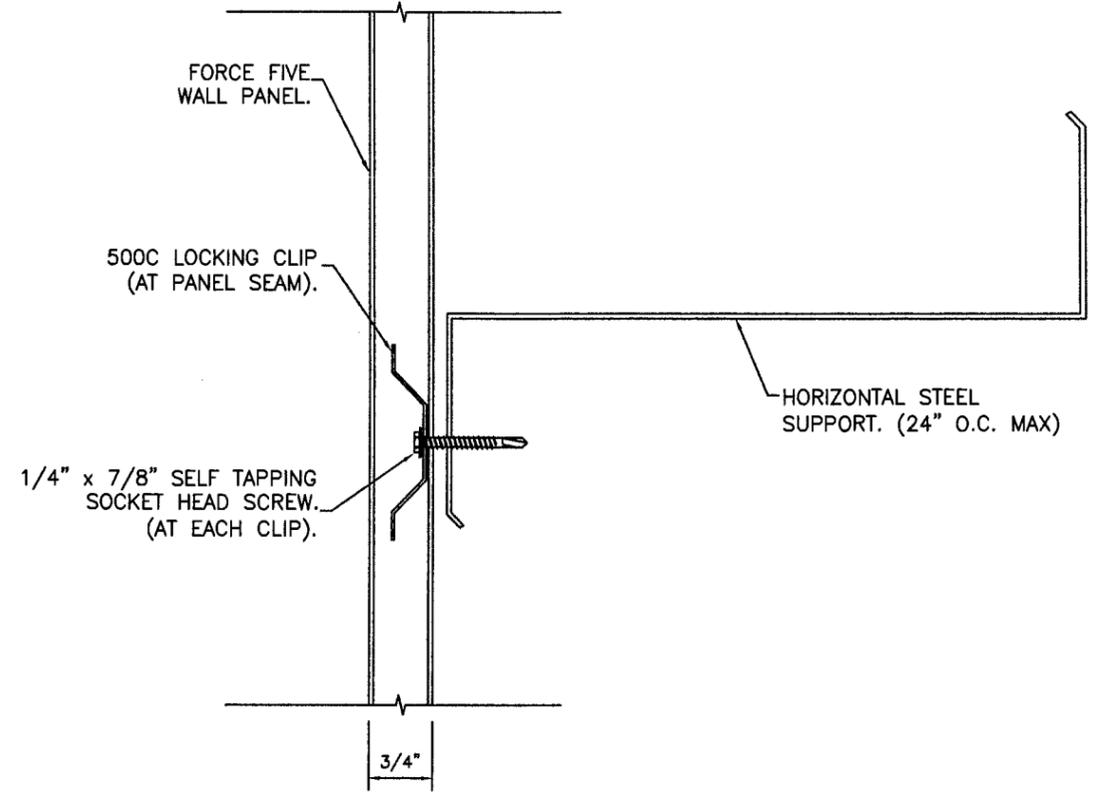
FOR MDBCCO USE ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0724.01
Expiration Date 07/07/2013

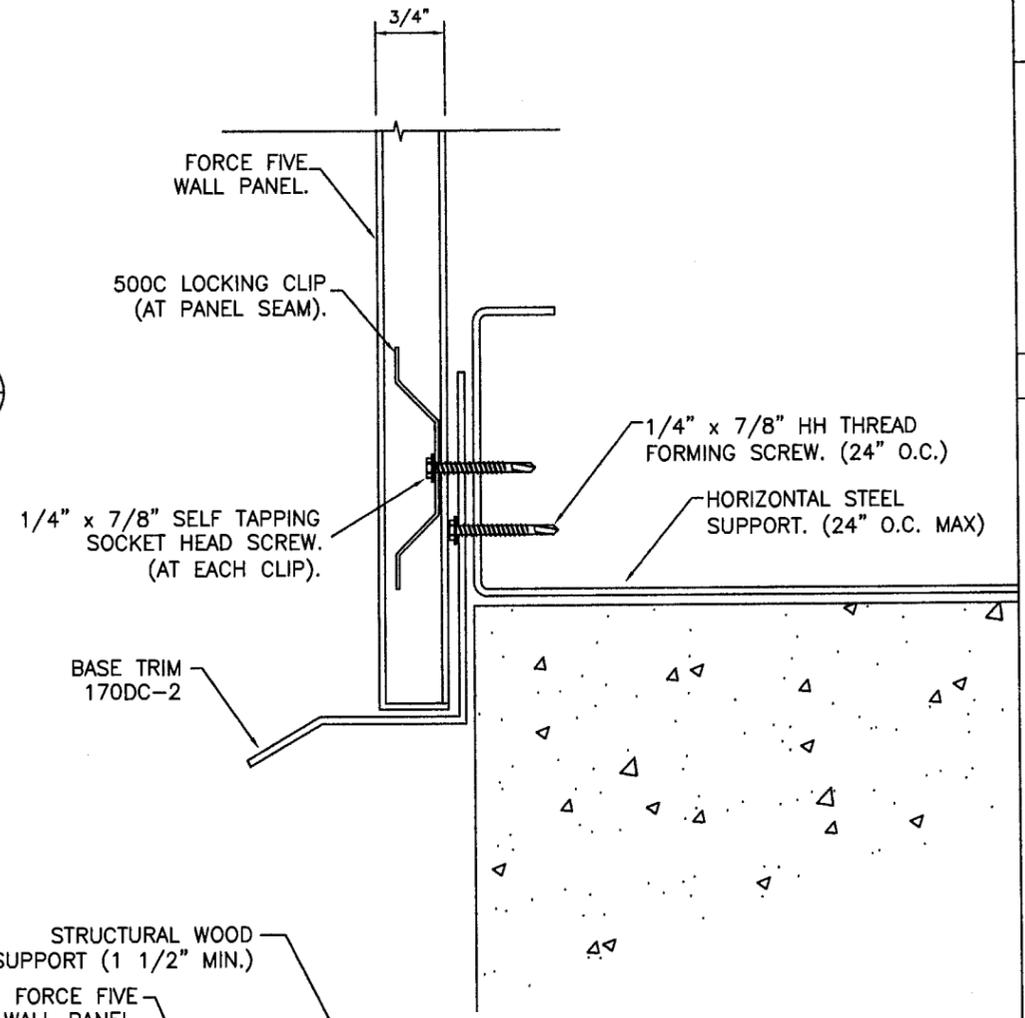
By *Heather A. Walters*
Miami Dade Product Control
Division

DRAWING NO. STRUC-200
SHEET NO. 2 OF 5

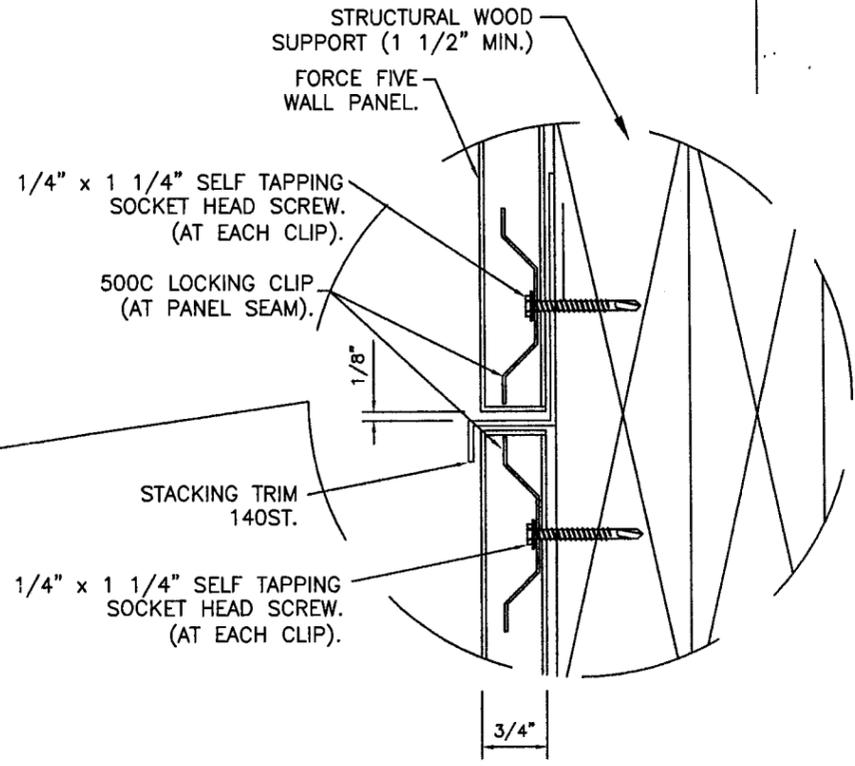
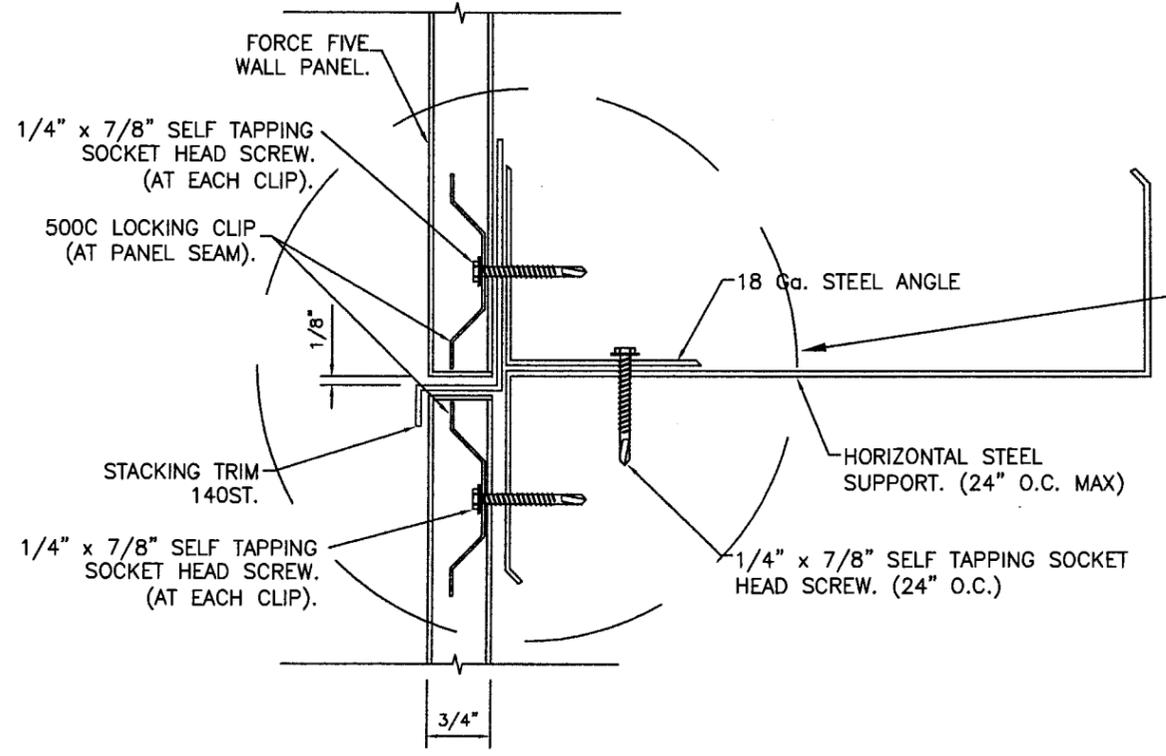
1
2



3
2



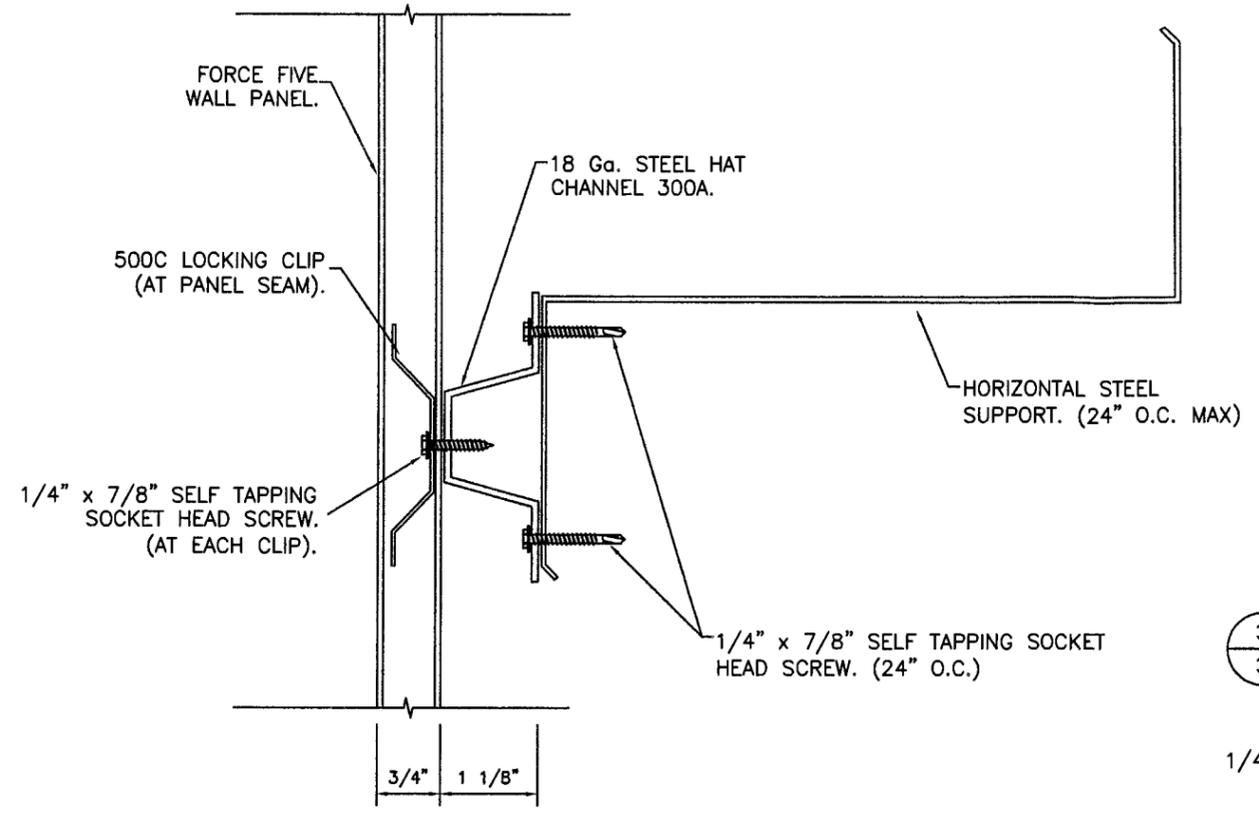
2
2



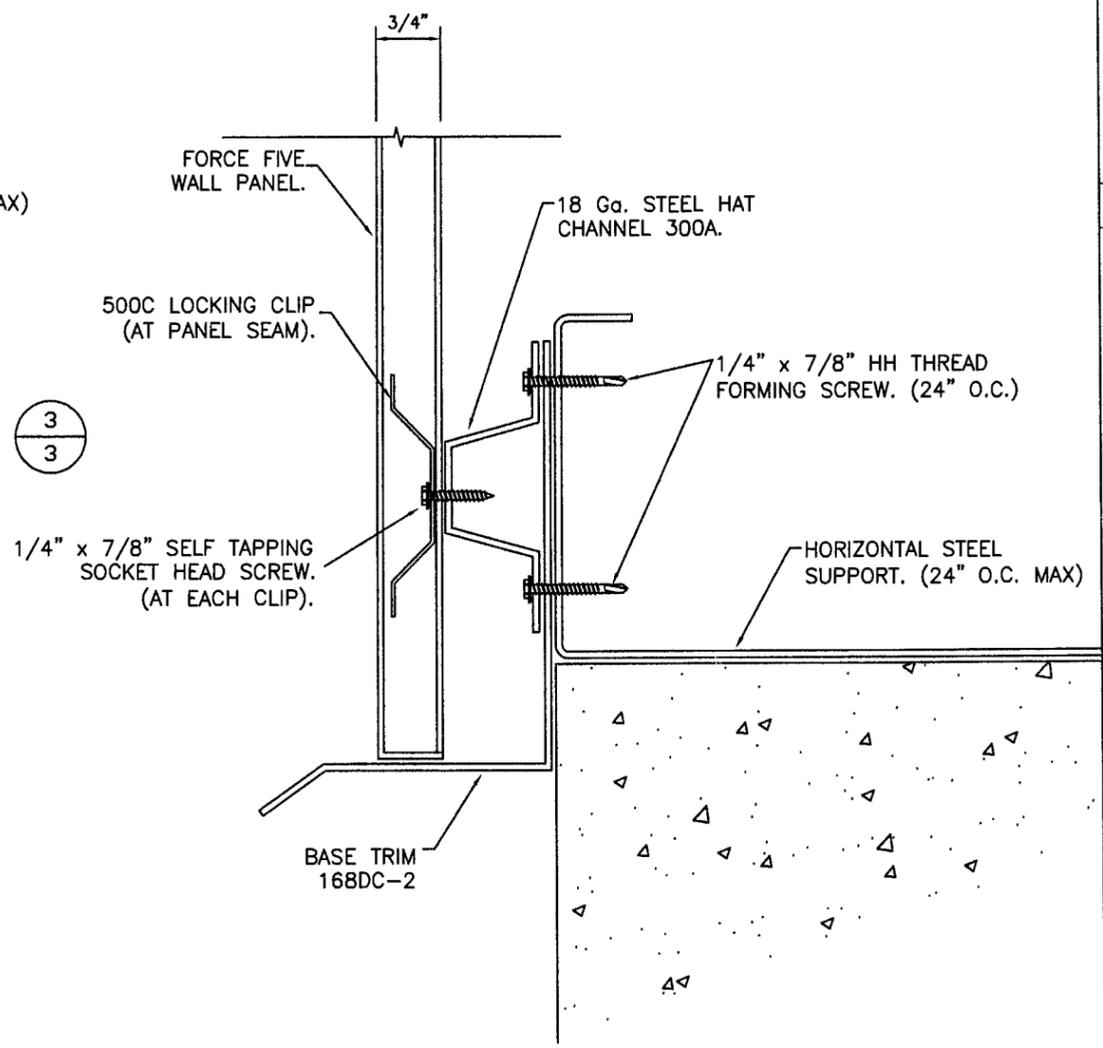
**ALTERNATE DETAIL
FOR WOOD SUPPORT**

NO.	REVISION DESCRIPTION	DATE

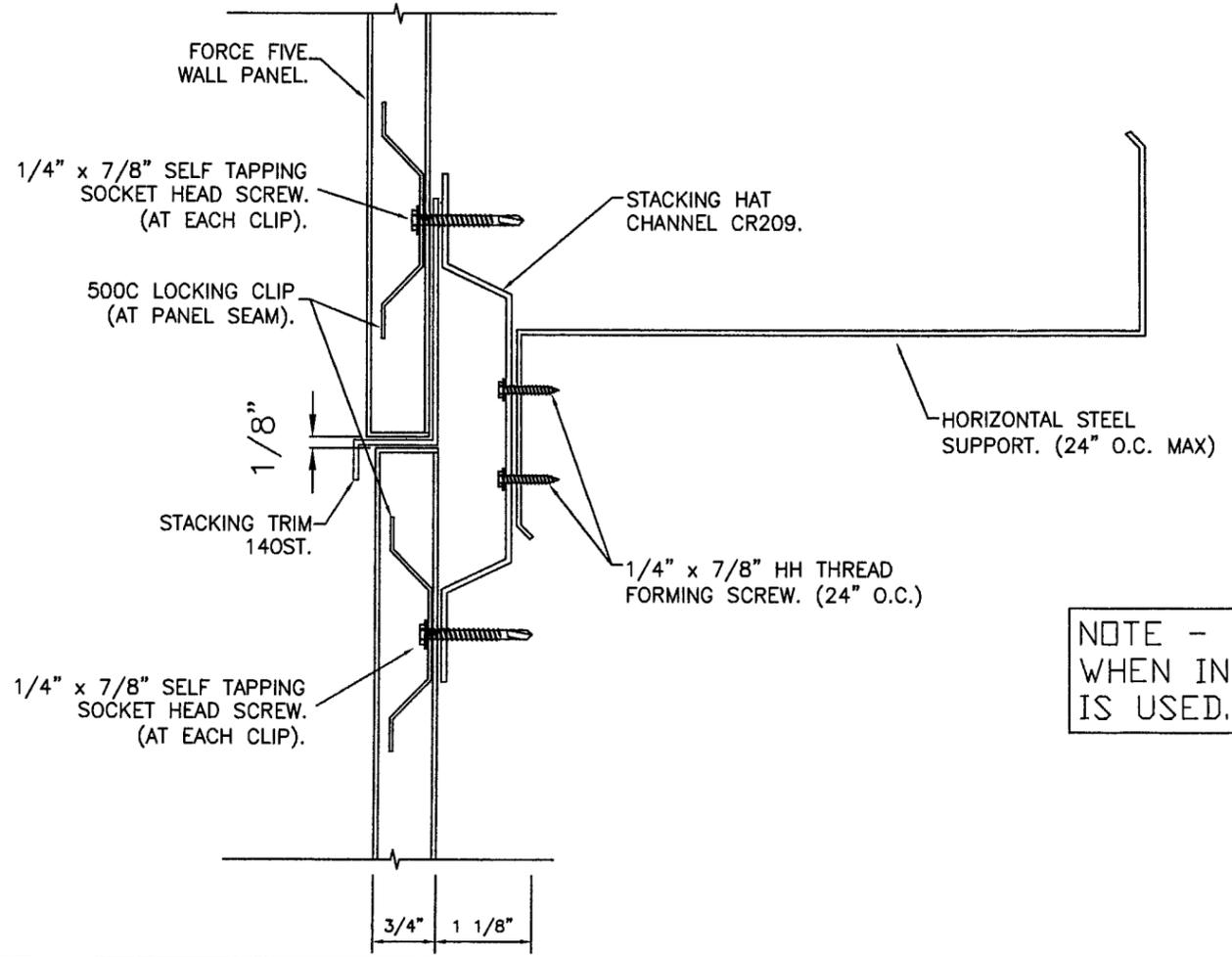
1
3



3
3



2
3

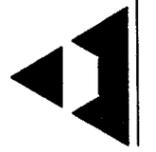


NOTE - HAT CHANNELS ARE REQUIRED WHEN INSULATION 3" THICK OR MORE IS USED.

FOR MDBCCD USE ONLY

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 08-0724.01
 Expiration Date 02/07/2013
 By *Heidi A. Walker*
 Miami Dade Product Control
 Division

MANUFACTURER:



Strukturoc™ INC
 Stucco Wall Systems

900 APOLLO RD. SUITE 120
 DAVENPORT, NC 27834

SEAL: *Scott Weston*

12-30-08

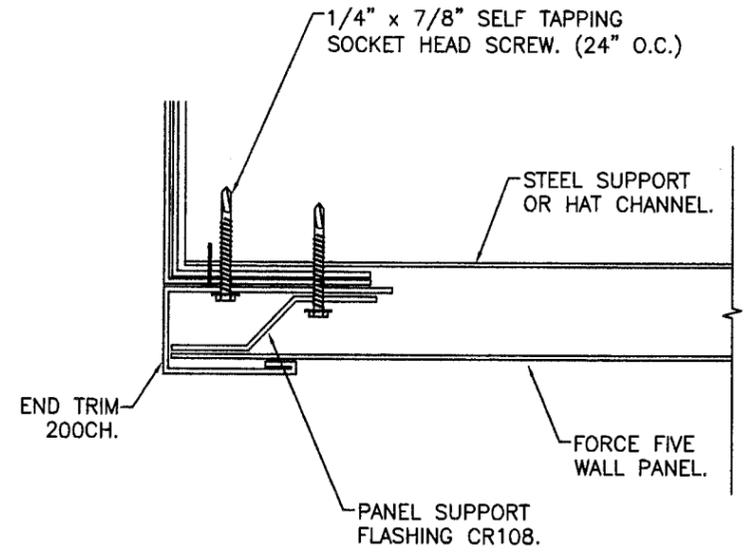
SCOTT WOLTERS
 FL PER 92304

WOLTERS ENGINEERING
 (CDA# 27194)
 322 BUCHANAN ST. #807
 HOLLYWOOD, FL 33018

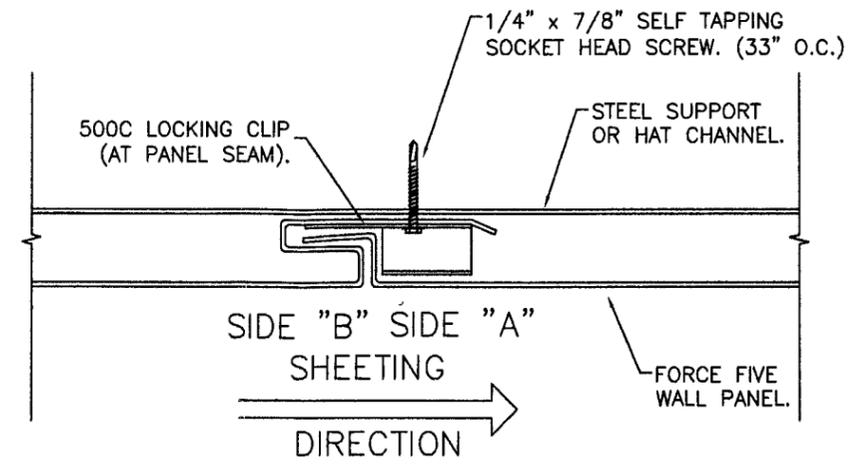
DRAWING NO.
STRUC-200

SHEET NO.
 3 of 5

NO.	REVISION DESCRIPTION	DATE

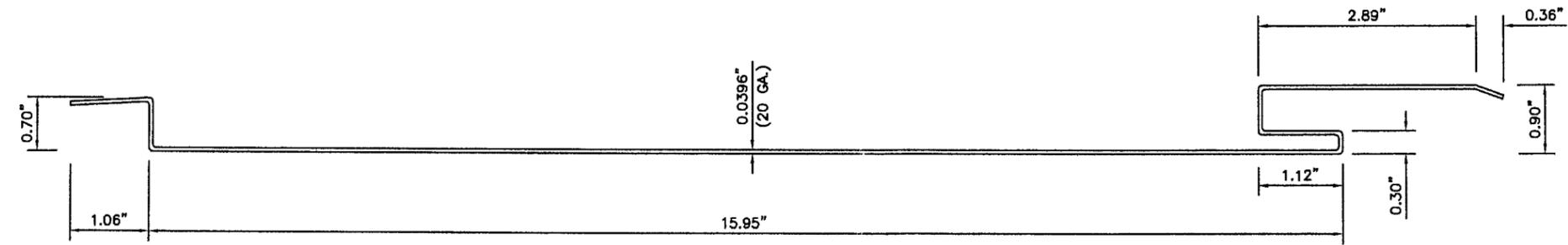


4
4



5
4

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



FOR MDBCCD USE ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0724.01
Expiration Date 02/07/2013
By Heather A. Wheeler
Miami Dade Product Control
Division

MANUFACTURER: **TransAmerican StruktuROC™ INC**
Stucco Wall Systems

920 APOLLON RD, SUITE 120
EAGAN, MN 55121

PH: (652) 884-7884
FX: (652) 887-2716

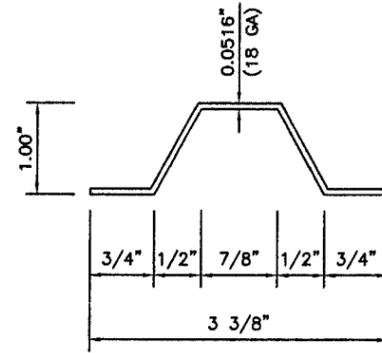
SEAL: *Scott Wolters*

12-30-08

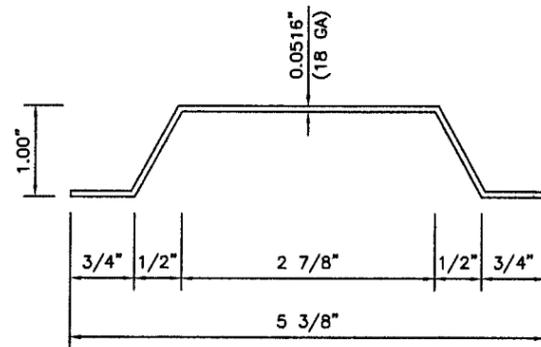
SCOTT WOLTERS
FL PCB 82354

WOLTERS ENGINEERING
(COA# 27119A)
322 BUCHANAN ST. #807
HOLLYWOOD, FL 33019

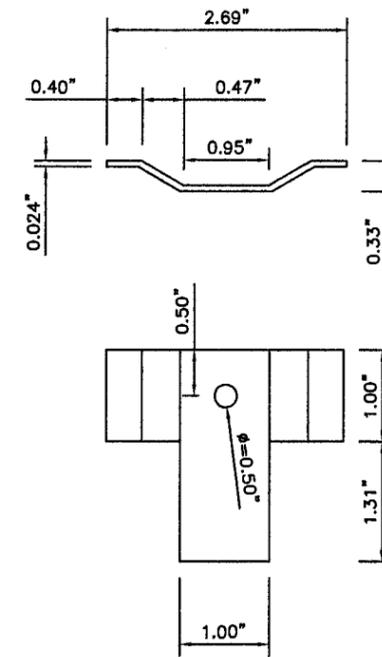
300A STEEL HAT CHANNEL
(ASTM A653, SS GR40, GALVANIZED G-90)



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



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



FOR MDBCCO USE ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-0724.01
Expiration Date 02/07/2013

By Heber A. Miller
Miami Dade Product Control
Division

NO.	REVISION DESCRIPTION	DATE
		10/24/08

MANUFACTURER:

TransAmerican
Strukturoc™
INC
Stucco Wall Systems

920 APPOLLO RD., SUITE 120
LADAM, MN 55121

PH: (652) 884-7904
FX: (652) 887-2716

SEAL: Scott Wolters

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(CO.# 27194)
322 BUCHANAN ST. #807
HOLLYWOOD, FL 33019

DRAWING NO.
STRUC-200

SHEET NO.
5 OF 5

12-30-08