



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

HyComb USA, Inc.
311 West Ansin Blvd.
Hallandale, FL 33009

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: HyComb USA Honeycomb Aluminum Composite Wall Panel System

APPROVAL DOCUMENT: Drawing No. **H131730**, titled "Honeycomb Stone Panel", sheets 1 through 4 of 4, dated 10/09/2013, prepared by the Youssef Hachem Consulting Engineering, signed and sealed by Youssef H. Hachem, P.E. on 06/07/2026, 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: Large and Small Missile Impact Resistant (Level "E", 80 fps)

LABELING: A permanent label with the manufacturer's name or logo, manufacturing plant's city and state, model/series, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on each panel.

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 # 25-0728.10** and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

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



07/08/26

NOA No 26-0618.03
Expiration Date: August 20, 2030
Approval Date: July 16, 2026
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 15-0415.07

A. DRAWINGS

1. Drawing **H131730**, titled “Honeycomb Stone Panel”, sheets 1 through 4 of 4, dated 04/01/2015, prepared by the Youssef Hachem Consulting Engineering, signed and sealed by Youssef H. Hachem, P.E.

B. TESTS

1. Test report 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
along with marked-up drawings and installation diagram of Stone Honeycomb Panel, prepared by Blackwater Testing Inc., Test Report No. **BT-HC-14-001A**, dated 01/27/2015, signed and sealed by Yamil G. Kuri, P.E.
2. Test report on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of Stone Honeycomb Panel, prepared by Blackwater Testing Inc., Test Report No. **BT-HC-14-001B**, dated 01/27/2015, signed and sealed by Yamil G. Kuri, P.E.

C. CALCULATIONS

1. Structural calculations prepared by Youssef Hachem Consulting Engineering, dated 04/06/2015, signed and sealed by Youssef H. Hachem, P.E.

D. MATERIAL CERTIFICATIONS

1. None

E. QUALITY ASSURANCE

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

F. STATEMENTS

1. Statement letter of code conformance to 2010 and 5th edition (2014) FBC issued by Youssef Hachem Consulting Engineering, dated 07/14/2015, signed and sealed by Youssef H. Hachem, P.E.
2. Statement letter of no financial interest letter issued by Youssef Hachem Consulting Engineering, dated 04/01/2015, signed and sealed by Youssef H. Hachem, P.E.
3. Distributor agreement dated 09/16/2014.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 26-0618.03
Expiration Date: August 20, 2030
Approval Date: July 16, 2026

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 23-1206.05, 26-0618.03 and new

A. DRAWINGS

1. Drawing **H131730**, titled “Honeycomb Stone Panel”, sheets 1 through 4 of 4, dated 10/09/2013, prepared by the Youssef Hachem Consulting Engineering, signed and sealed by Youssef H. Hachem, P.E. on 06/07/2026.

B. TESTS

1. Test report on Flatwise Tensile Strength Test per ASTM C297, prepared by Intertek, Test Report No. **T8203.01-106-18 R0**, dated 06/17/2026, signed and sealed by Tanya A. Dolby, P.E.
2. Test report on Large Missile Impact Test per FBC, TAS 201-94 (Level “E”, 80 fps) and Cyclic Wind Pressure Loading per FBC, TAS 203-94, along with marked-up drawings and installation diagram of Stone Honeycomb Panels, prepared by Blackwater Technical Services Inc., Test Report No. **BT-HCU-24-003**, dated 04/08/2025, signed and sealed by Michael D. Caldwell, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

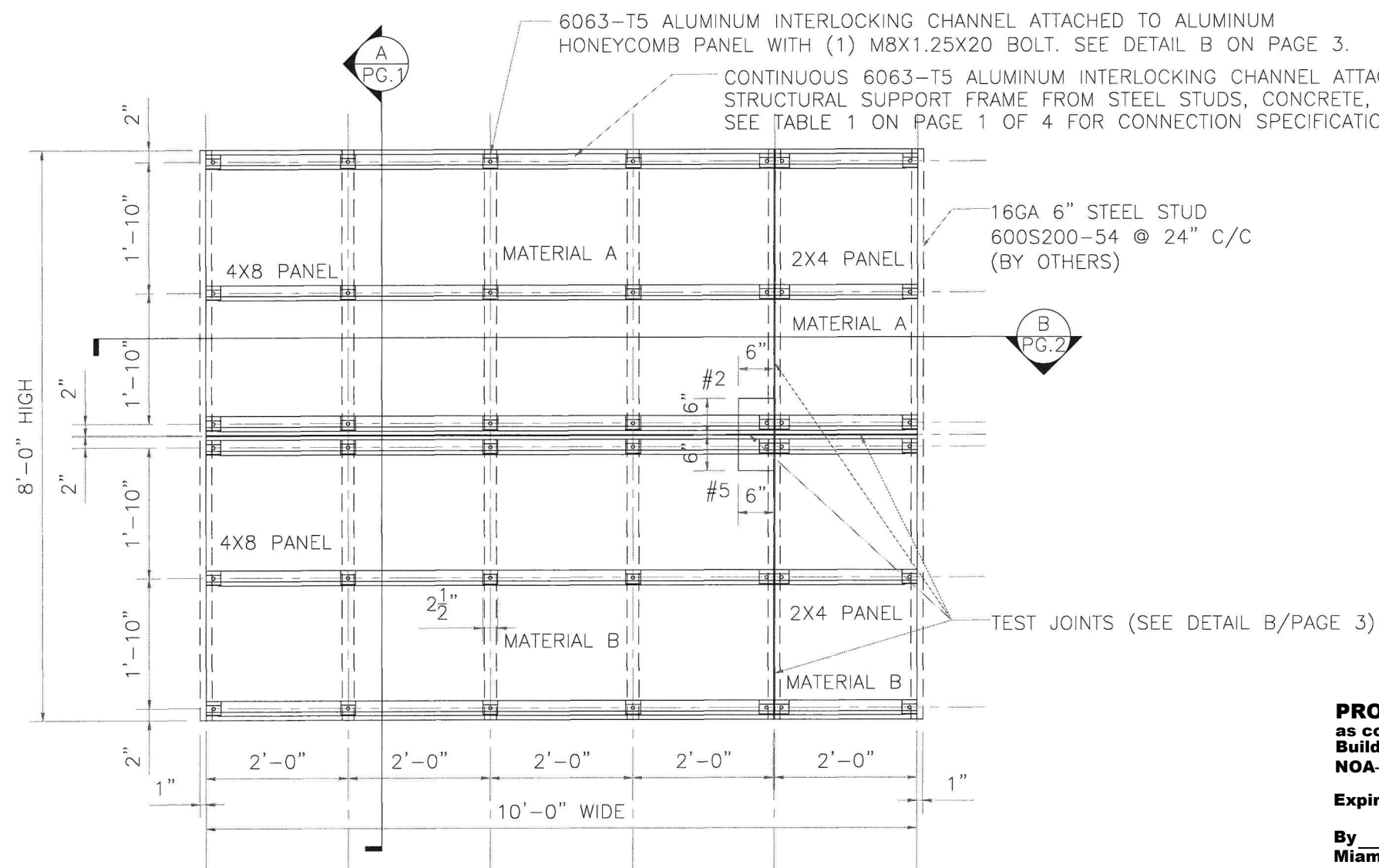
F. STATEMENTS

1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Youssef Hachem Consulting Engineering, dated 02/01/2024, signed and sealed by Youssef H. Hachem, P.E.
2. Statement letter of no financial interest letter, issued by Youssef Hachem Consulting Engineering, dated 02/01/2024, signed and sealed by Youssef H. Hachem, P.E.

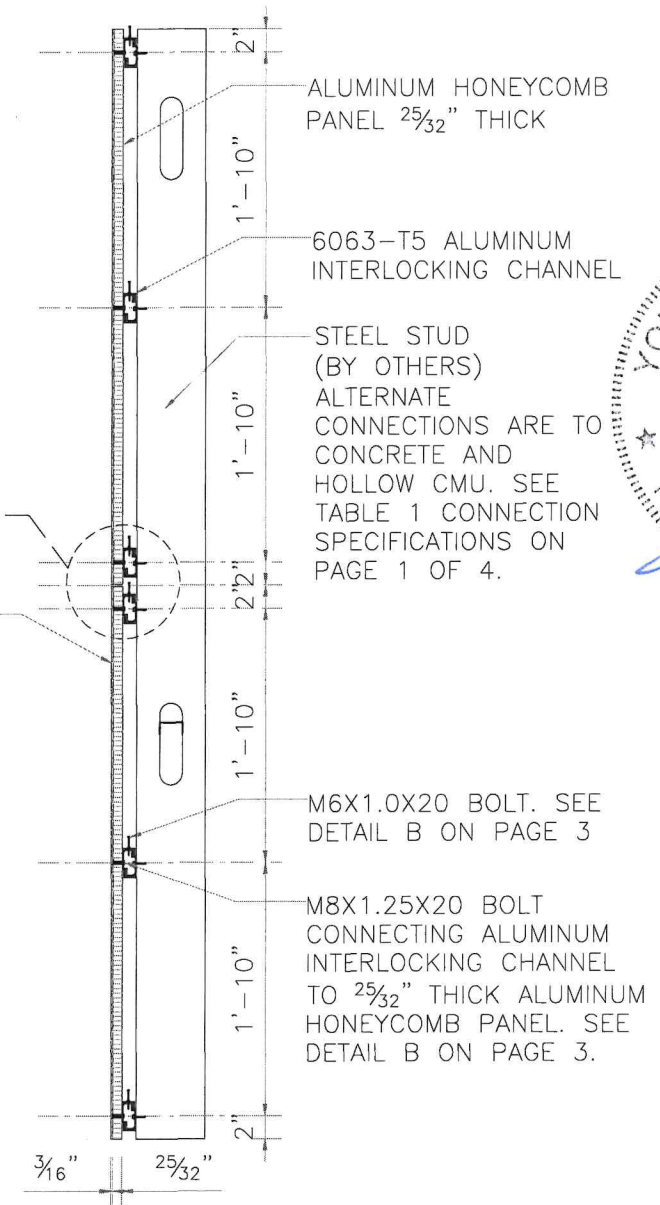


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 26-0618.03
Expiration Date: August 20, 2030
Approval Date: July 16, 2026

The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.



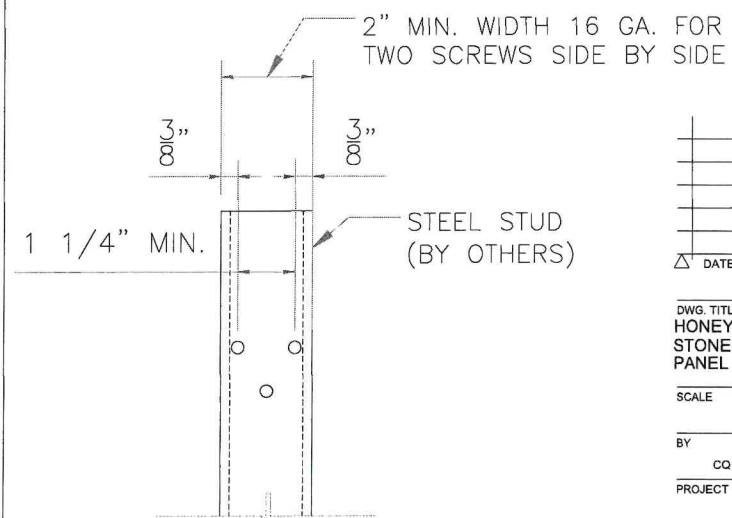
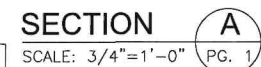
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 26-0618.03
Expiration Date 08/20/2030
By 
Miami-Dade Product Control

TABLE 1 CONNECTION SPECIFICATIONS

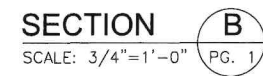
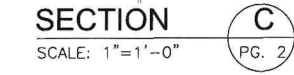
CONTINUOUS ALUMINUM INTERLOCKING CHANNEL ATTACHMENT				
SUPPORT FRAME (BY OTHER)	CONNECTOR TYPE	CONNECTOR QUANTITY CENTERED BEHIND 2½" LONG INTERLOCKING CHANNEL	CONNECTOR MIN. EDGE DISTANCE	CONNECTOR MIN. C/C SPACING
COLD FORMED STEEL STUDS 16 GA. MIN. THICKNESS, 58 KSI MIN. TENSILE STRENGTH	#10-16x1¼" TEK SCREWS BY ITW BUILDEX OR EQUAL	3/STUD	¾"	1¼"
2000 PSI MIN. CONCRETE COMPRESSIVE STRENGTH	¾"ØX1¾" CONCRETE EMBEDMENT TAPCON ANCHORS FROM ITW BUILDEX OR EQUAL	2/ 12" O.C. MAX. SPACING	1½"	2¼"
MEDIUM WEIGHT CMU BLOCK DENSITY>117 PCF	¾"ØX1" HOLLOW CMU FACE SHELL EMBEDMENT TAPCON ANCHORS FROM ITW BUILDEX OR EQUAL	8/ 3" O.C. MAX. SPACING	2"	2¼"

NOTES:

- 1) DESIGN PRESSURE RATING +100 PSF/-100 PSF
- 2) LARGE AND SMALL MISSILE IMPACT RESISTANCE (80 fps, LEVEL "E").
- 3) #10-16 TEK SCREWS SHALL BE HILTI SELF-DRILLING SCREWS (ESR 2196), ITW BUILDEX TEKS (ESR 1976) OR EQUAL.
- 4) 3/16" DIAMETER CONCRETE/CMU TAPCONS SHALL BE ITW BUILDEX CONCRETE/CMU TAPCON ANCHORS OR EQUAL
- 5) L/180 MAXIMUM STUD DEFLECTION
- 6) PANEL RECOVERY OF AT LEAST 90% OVER MAXIMUM DEFLECTION AFTER TAS 203 REQUIRED.
- 7) AT CONCRETE /CMU WALLS USE COATED TAP-CONS WITH NEOPRENE WASHERS.
- 8) PROTECT ALL ALUMINUM IN DIRECT CONTACT WITH CONCRETE WITH APPROPRIATE CORROSION RESISTANT BARRIER OR COATING BY OTHERS.

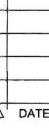


SPACING OF TEK SCREWS



STEEL STUD
(BY OTHERS)
ALTERNATE
CONNECTIONS ARE TO
CONCRETE AND
HOLLOW CMU. SEE
TABLE 1 CONNECTION
SPECIFICATIONS ON
PAGE 1 OF 4.



			DATE	REVISION
DWG. TITLE HONEYCOMB STONE PANEL & ALUMINUM INTERLOCKING CHANNEL SCALE				
		AS SHOWN		
BY		CHK'D		
CQ		YHH		
PROJECT NO.				
		H131730		
DATE				
		10-09-13		
SHEET NUMBER				
PAGE 2 OF 4				

3/16" THICK SPECIMEN PANELS —
BY HYCOMB USA INC. ATTACHED
TO ALUMINUM HONEYCOMB
PANEL WITH BONDED RESIN
TENAX DOMOCOMB EPOXY . SEE
SPECIMEN NOTES ON PAGE 3
FOR 5 DIFFERENT SPECIMEN
MATERIAL TYPES.

WATER RESISTIVE BARRIER PER
F.B.C.1404.2
(BY OTHERS)

ALUMINUM HONEYCOMB
PANEL $25\frac{3}{32}$ " THICK

(2) M6X1.0X20 BOLT.
FOR ADJUSTMENT

(1) #10-16X3/4" TEK SCREW
TO SECURE ALUMINUM
INTERLOCKING CHANNEL

6063-T5 ALUMINUM
INTERLOCKING CHANNEL
ATTACHED TO ALUMINUM
HONEYCOMB PANEL WITH
(1) M8X1.25X20 BOLT.

CONTINUOUS 6063-T5
ALUMINUM INTERLOCKING
CHANNEL ATTACHED WITH (3)
#10-16X1 $\frac{1}{4}$ " TEK SCREWS AT
EACH STUD INTERSECTION
TYP. OF ALL.

USE BUILDEX CLIMASEAL WITH NEOPRENE WASHERS OR EQUAL FOR (3) #10-16X1¼" TEK SCREWS AT EACH STUD INTERSECTION.

— (1) M8X1.25X20 BOLT
CONNECTING 2½" WIDE
ALUMINUM INTERLOCKING
CHANNEL TO 2⅝" THICK
ALUMINUM HONEYCOMB
PANEL.

STEEL STUD (BY OTHERS)
ALTERNATE CONNECTIONS ARE
TO CONCRETE AND HOLLOW
CMU. SEE TABLE 1
CONNECTION SPECIFICATIONS
ON PAGE 1 OF 4.

DETAIL

SCALE: 6"=1'-0"

B

PG.

SPECIMEN NOTES:

SPECIMEN 1	TAS	202	MATERIAL A (LIMESTONE), MATERIAL B (PORCELAIN)
SPECIMEN 2	TAS	202	MATERIAL A (SANDSTONE), MATERIAL B (SANDSTONE)
SPECIMEN 3	TAS	202	MATERIAL A (MARBLE), MATERIAL B (GRANITE)
SPECIMEN 4	TAS	201/TAS 203	MATERIAL A (LIMESTONE), MATERIAL B (PORCELAIN)
SPECIMEN 5	TAS	201/TAS 203	MATERIAL A (SANDSTONE), MATERIAL B (SANDSTONE)
SPECIMEN 6	TAS	201/TAS 203	MATERIAL A (MARBLE), MATERIAL B (GRANITE)

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 26-0618.03

Expiration Date 08/20/2030

By 
Miami-Dade Product Control

SEALANT AND BACKER ROD
(BY OTHERS TYP.)
FLASHING
(BY OTHERS TYP.)

METAL COPING
(BY OTHERS)

BLOCKING
(BY OTHERS)

STEEL
ALTERN
ARE TO
HOLLOW
1 CON
SPECIF
1 OF

WATER RESISTIVE
BARRIER PER
F.B.C. 1404.2
(BY OTHERS)

TYPICAL COPING DETAIL

SCALE: 3"=1'-0"

WATER RESISTIVE BARRIER PER
F.B.C.1404.2 (BY OTHERS)

STEEL STUD (BY OTHERS)
CONNECT TO CONCRETE
HOLLOW (BY OTHERS)
TABLE 1
SPECIFICATIONS
PAGE 1

2"

TYP.)

TYPICAL BOTTOM OF WALL DETAILS

SCALE: 3"=1'-0"

WATER RESISTIVE BARRIER PER
F.B.C.1404.2 (BY OTHERS)

STEEL S
ALTERN
ARE TO
HOLLOW
CONNECT
SPECIFIC
OF 4.

TYPICAL BOTTOM OF WALL DETAILS

SCALE: 3"=1'-0"

HCE

YOUSSEF HACHEM
CONSULTING ENGINEERING
CA 2655
12151 SW 128 COURT
SUITE 10
MIAMI FL 3318
TEL. (786) 287-912
FAX (305) 969-945
www.yhengineering.com

YOUSSEF HACHEM, P.E., No. 43302
STATE OF FLORIDA
PROFESSIONAL ENGINEER

HYCOMB USA, INC.
208 NW 6th AVENUE
HALLANDALE BEACH, FL 33009

DATE
REVISION

DWG. TITLE
**ALUMINUM
INTERLOCKING
CHANNEL**

SCALE
AS SHOWN

BY
CHK'D
Y/H

CQ

PROJECT NO.

H1317

DATE

10-09-1

SHEET NUMBER

PAGE 3 OF 4

