



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 04/01/2015, prepared by the Youssef Hachem Consulting Engineering, signed and sealed by Youssef H. Hachem, P.E. on 02/1/2024, 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

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 # 22-0203.09** 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.**



03/12/24

NOA No 23-1206.05
Expiration Date: August 20, 2025
Approval Date: March 21, 2024
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 23-1206.05
Expiration Date: August 20, 2025
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 22-0203.09 and new

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. on 02/1/2024.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

E. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS

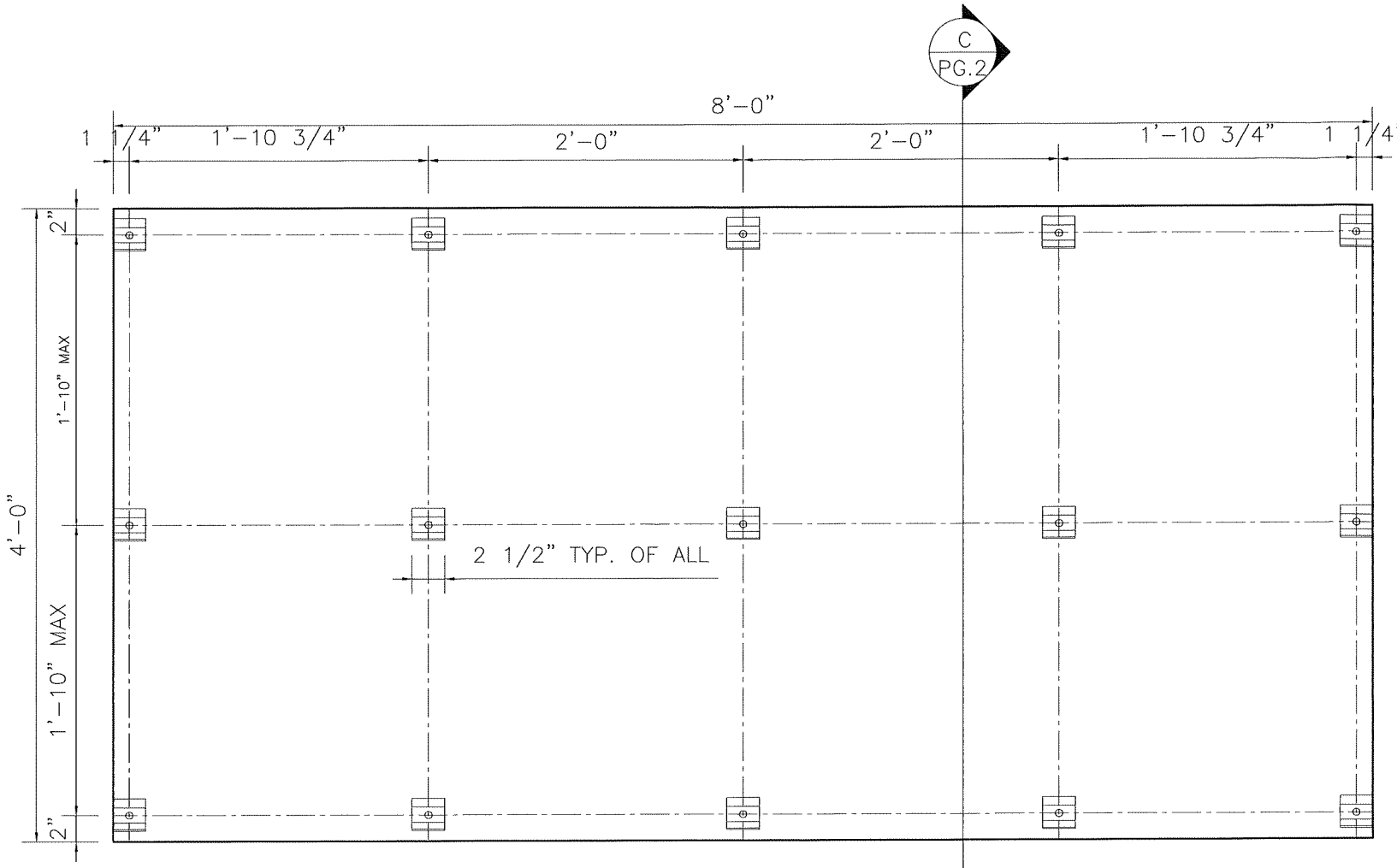
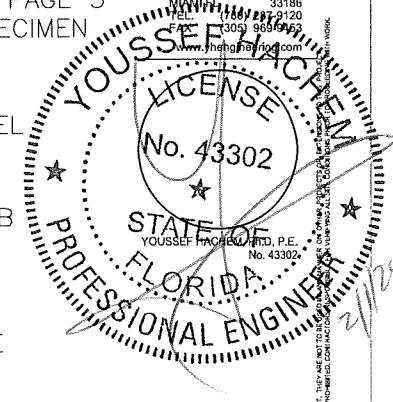
1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Youssef Hachem Consulting Engineering, dated 02/01/2024, signed and sealed by Youssef H. Hachem, P.E.
2. Statement letter of no financial interest letter, issued by Youssef Hachem Consulting Engineering, dated 02/01/2024,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

“Submitted under NOA # 22-0203.09”

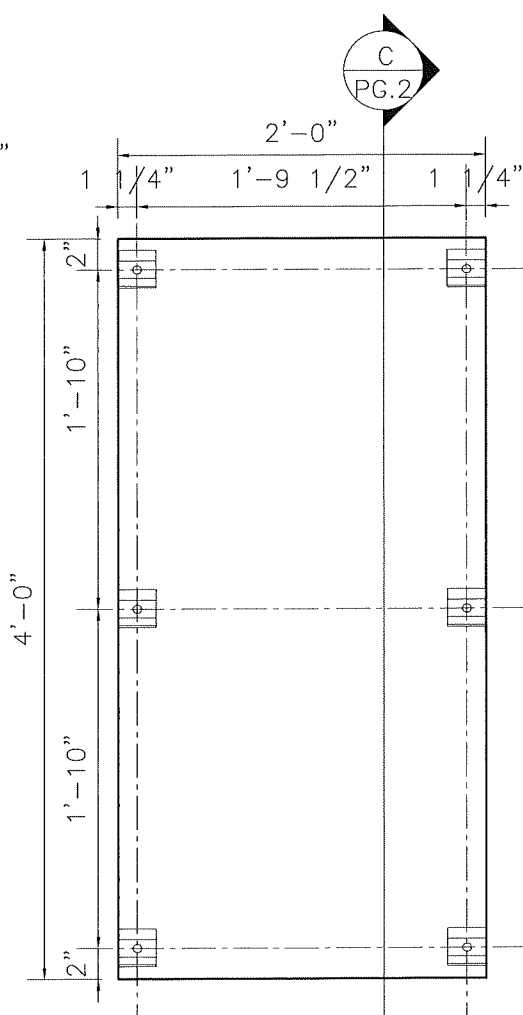
3. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by Youssef Hachem Consulting Engineering, dated 02/02/2022, signed and sealed by Youssef H. Hachem, P.E.



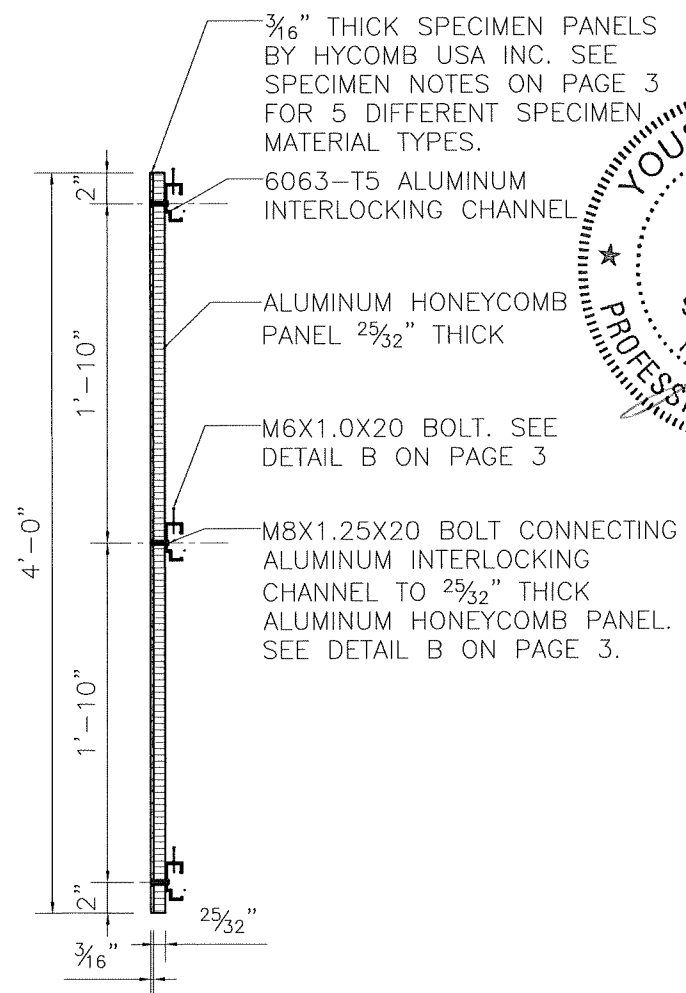
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4'X8' PANEL BACK VIEW
SCALE: 1"=1'-0"



2'X4' PANEL BACK VIEW
SCALE: 1"=1'-0"



SECTION C
SCALE: 1"=1'-0" PG. 2

3/16" THICK SPECIMEN PANELS BY HYCOMB USA INC. SEE SPECIMEN NOTES ON PAGE 3 FOR 5 DIFFERENT SPECIMEN MATERIAL TYPES.

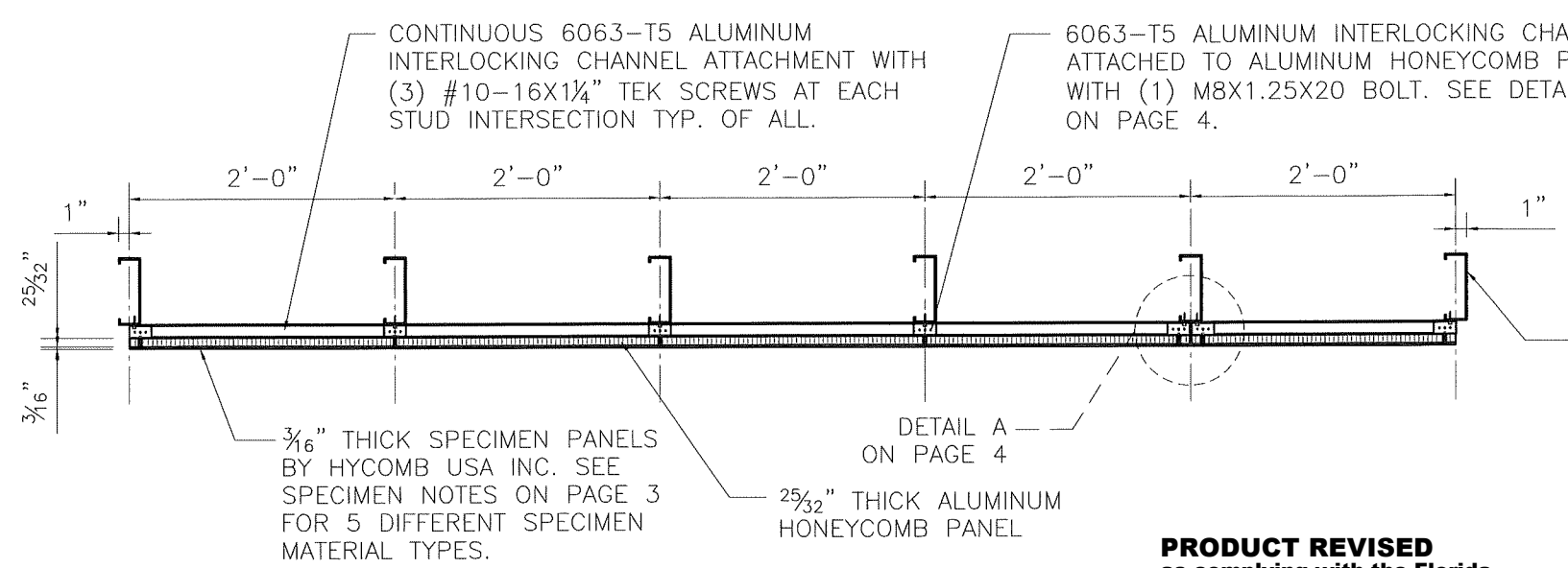
6063-T5 ALUMINUM INTERLOCKING CHANNEL

ALUMINUM HONEYCOMB PANEL 25/32" THICK

M6X1.0X20 BOLT. SEE DETAIL B ON PAGE 3

M8X1.25X20 BOLT CONNECTING ALUMINUM INTERLOCKING CHANNEL TO 25/32" THICK ALUMINUM HONEYCOMB PANEL. SEE DETAIL B ON PAGE 3.

HYCOMB USA, INC.
208 NW 6th AVENUE
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SECTION B
SCALE: 3/4"=1'-0" PG. 1

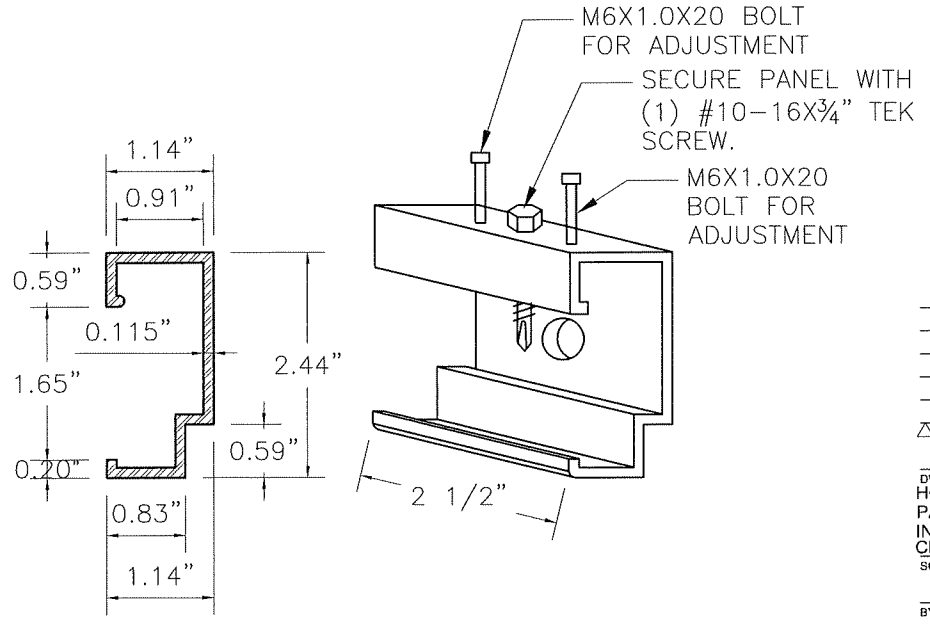
CONTINUOUS 6063-T5 ALUMINUM INTERLOCKING CHANNEL ATTACHMENT WITH (3) #10-16X1 1/4" TEK SCREWS AT EACH STUD INTERSECTION TYP. OF ALL.

6063-T5 ALUMINUM INTERLOCKING CHANNEL ATTACHED TO ALUMINUM HONEYCOMB PANEL WITH (1) M8X1.25X20 BOLT. SEE DETAIL A ON PAGE 4.

3/16" THICK SPECIMEN PANELS BY HYCOMB USA INC. SEE SPECIMEN NOTES ON PAGE 3 FOR 5 DIFFERENT SPECIMEN MATERIAL TYPES.

25/32" 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.

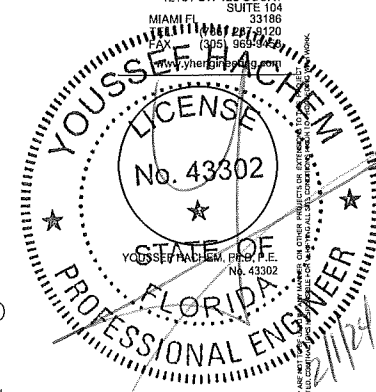


ALUMINUM INTERLOCKING CHANNEL DETAIL
SCALE: 6"=1'-0"

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-1206.05
Expiration Date 08/20/2025
By *[Signature]*
Miami-Dade Product Control

DATE	REVISION

DWG. TITLE HONEYCOMB STONE PANEL & ALUMINUM INTERLOCKING CHANNEL	
SCALE AS SHOWN	
BY	CHK'D
CQ	YHH
PROJECT NO. H131730	
DATE 4-1-2015	
SHEET NUMBER PAGE 2 OF 4	



HYCOMB USA, INC.
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 By *[Signature]*
Miami-Dade Product Control

DATE	REVISION

DWG. TITLE
ALUMINUM INTERLOCKING CHANNEL

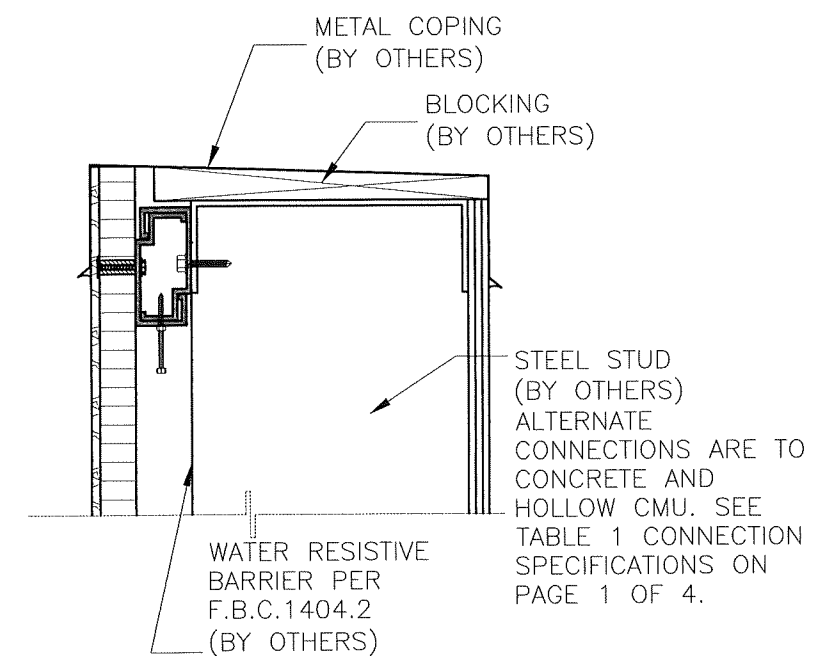
SCALE
 AS SHOWN

BY
 YH

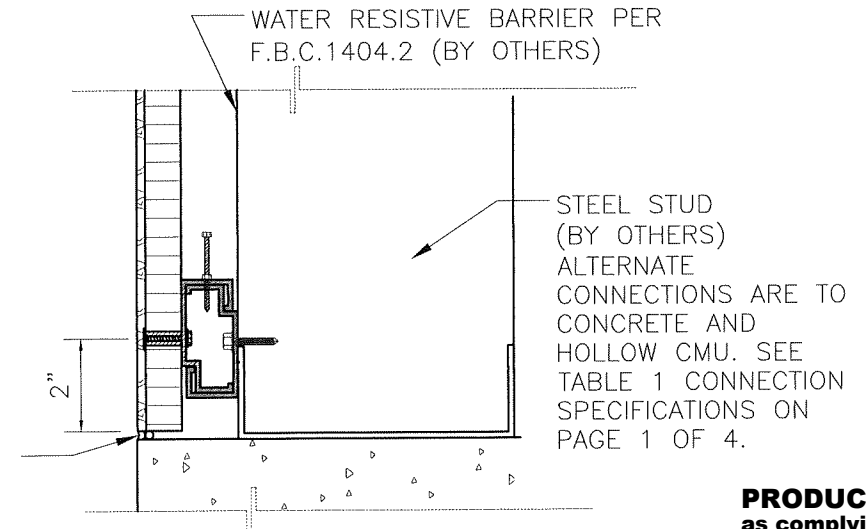
PROJECT NO.
 H131730

DATE
 4-1-2015

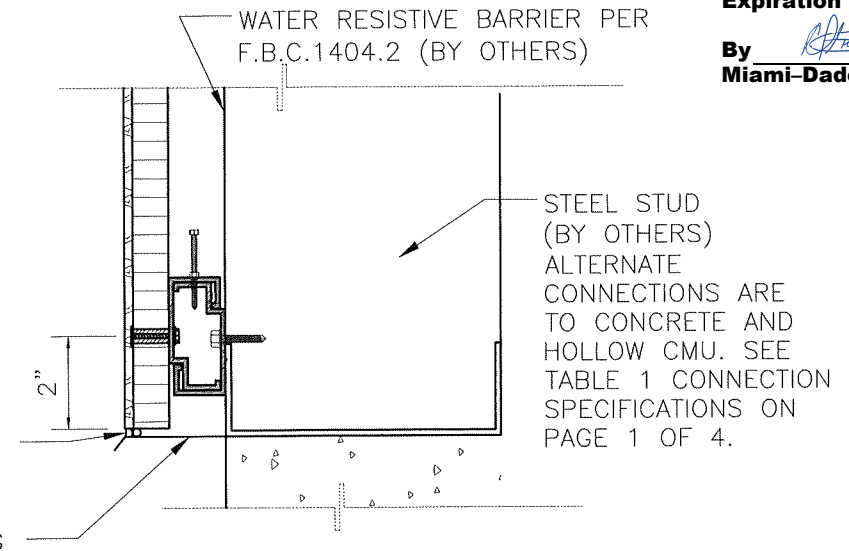
SHEET NUMBER
PAGE 3 OF 4



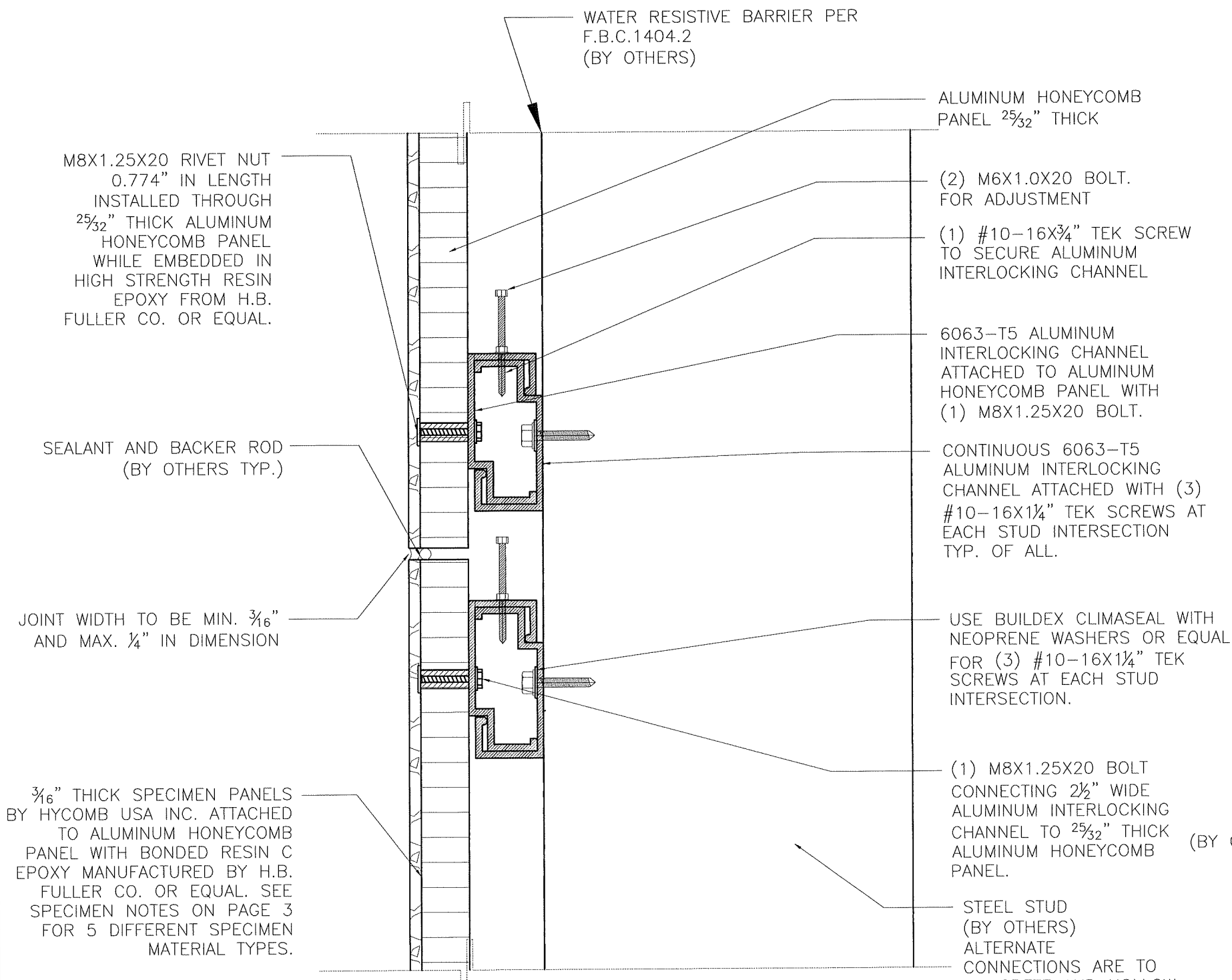
TYPICAL COPING DETAIL
 SCALE: 3"=1'-0"



TYPICAL BOTTOM OF WALL DETAILS
 SCALE: 3"=1'-0"



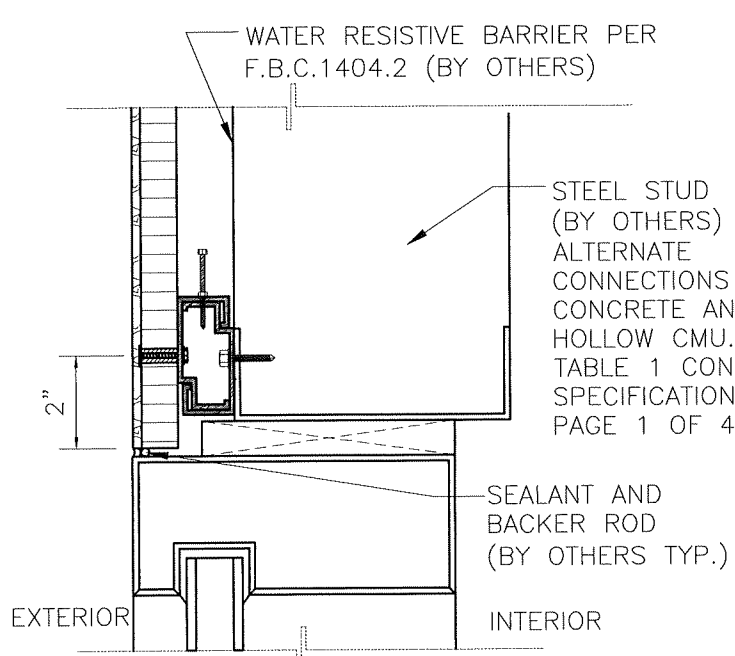
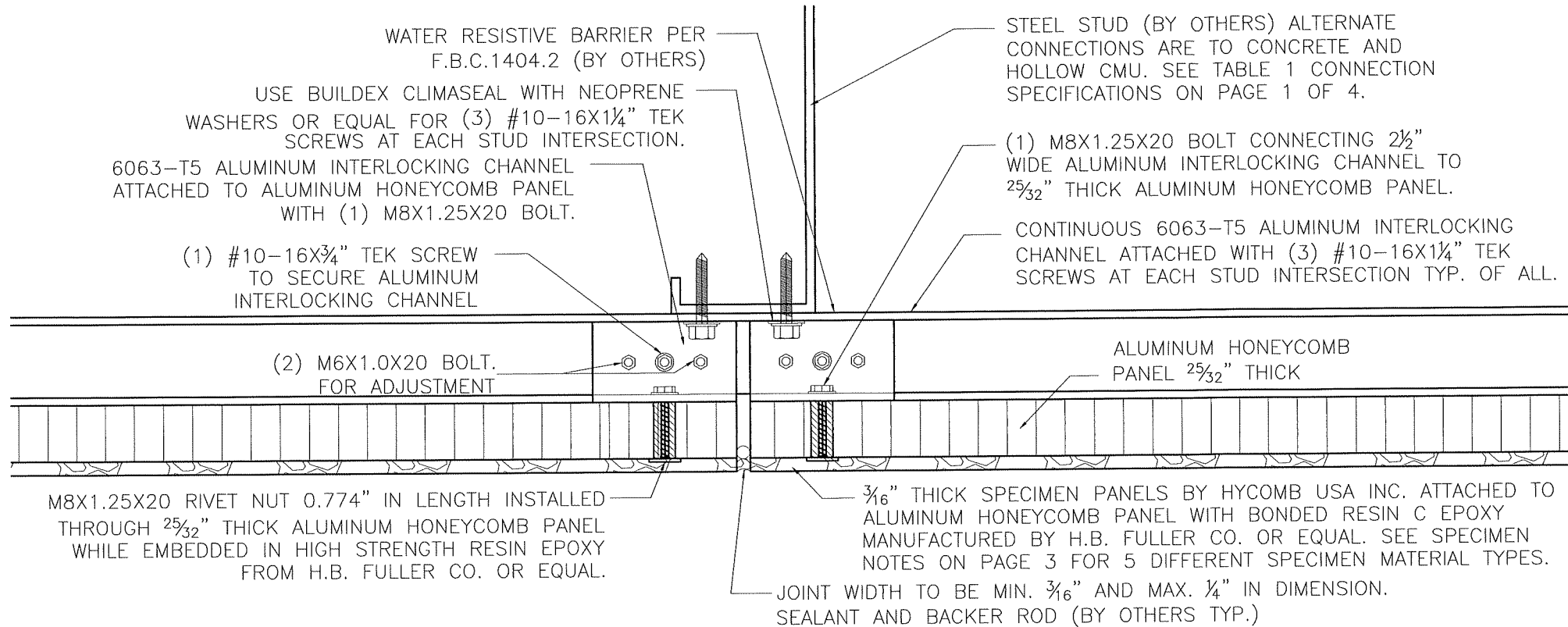
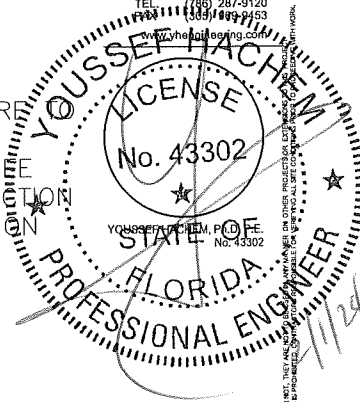
TYPICAL BOTTOM OF WALL DETAILS
 SCALE: 3"=1'-0"



DETAIL B
 SCALE: 6"=1'-0" PG. 1

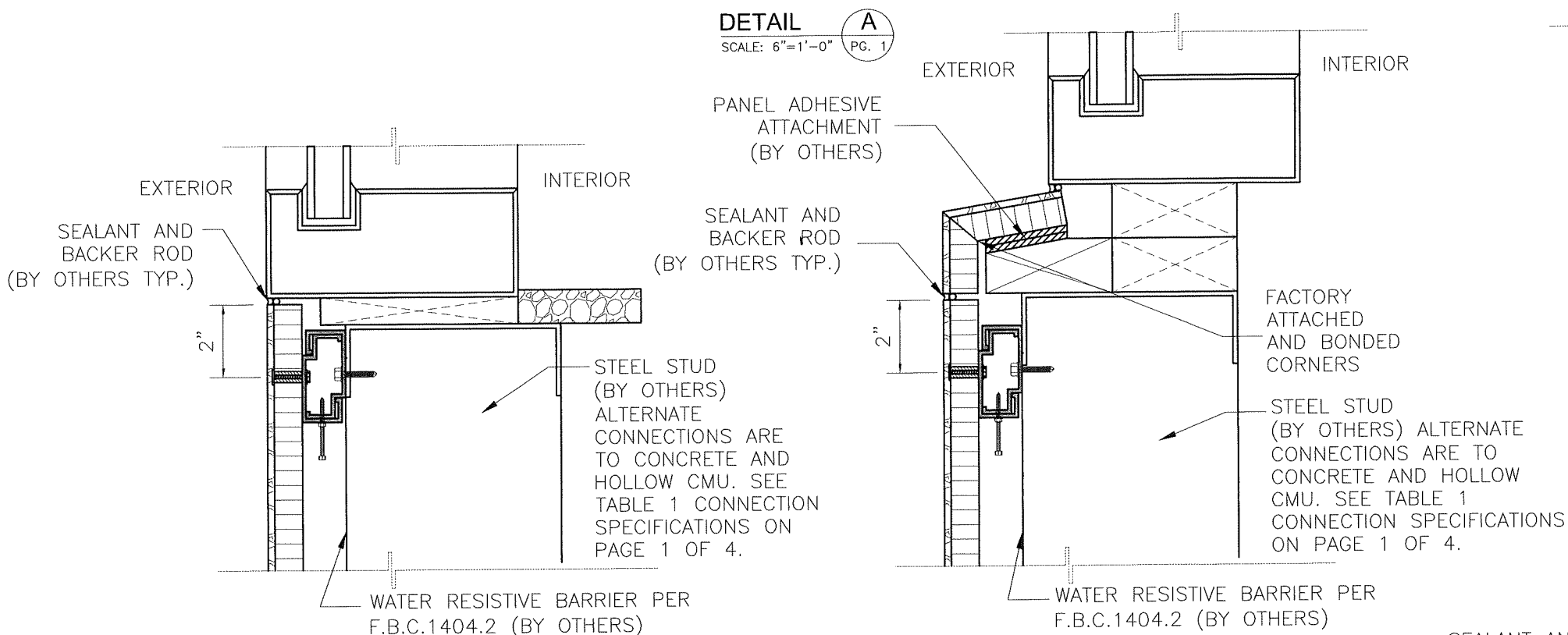
SPECIMEN NOTES:

- 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)

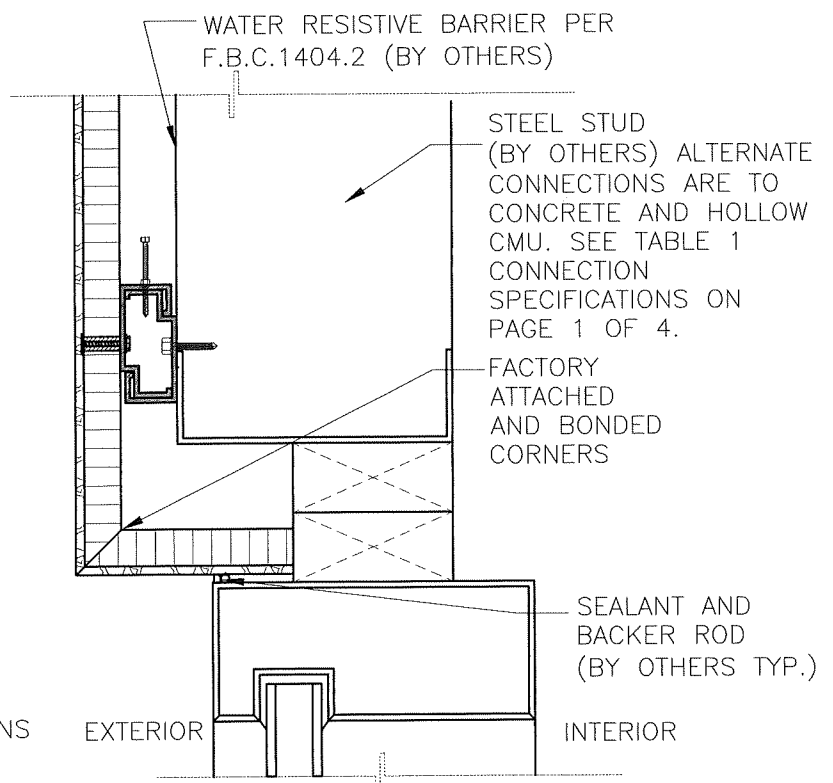


TYPICAL WINDOW HEADER DETAIL
SCALE: 3"=1'-0"

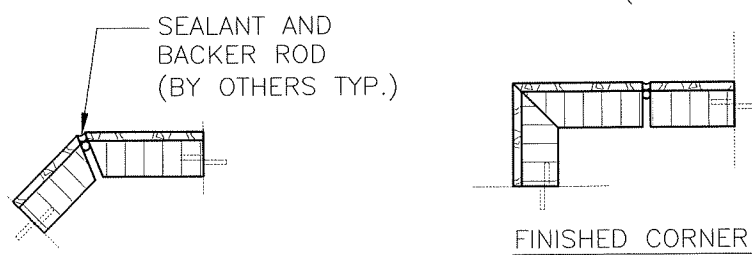
DETAIL A
SCALE: 6"=1'-0" PG. 1



TYPICAL WINDOW SILL DETAILS
SCALE: 3"=1'-0"

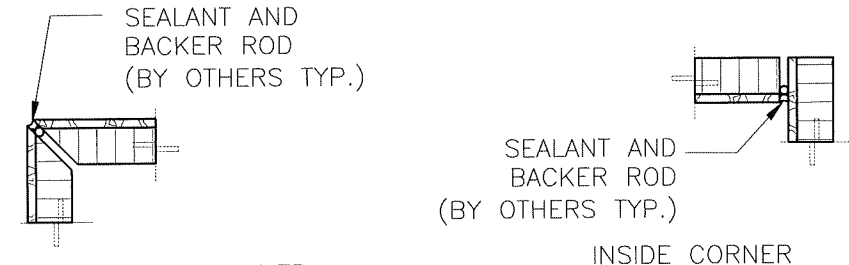


TYPICAL WINDOW HEADER DETAIL
SCALE: 3"=1'-0"



TYPICAL CORNER DETAILS
SCALE: 3"=1'-0"

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Miami-Dade Product Control



TYPICAL CORNER DETAILS
SCALE: 3"=1'-0"

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

DATE	REVISION

DWG. TITLE	
ALUMINUM INTERLOCKING CHANNEL & DETAILS	
SCALE	
BY	AS SHOWN
CQ	CHK'D
YHH	
PROJECT NO.	
H131730	
DATE	
4-1-2015	
SHEET NUMBER	
PAGE 4 OF 4	