



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

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

## NOTICE OF ACCEPTANCE (NOA)

Huguet Systems, LLC  
7130 Miller Drive  
Miami, FL 33155

### 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 High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Huguet Structural Concrete Wall System

**APPROVAL DOCUMENT:** Drawing No. A, titled "4" Concrete Walls ", sheets 1 through 7 of 7, prepared by Huguet Systems, LLC, dated August 17, 2021, signed and sealed by Jose L. Guzman, P.E., on September 08, 2021, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**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*  
09/23/2021

NOA No. 21-0805.03  
Expiration Date: 09/23/2026  
Approval Date: 09/23/2021  
Page 1

**Huguet Systems, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. A, titled " 4" Concrete Walls ", sheets 1 through 7 of 7, prepared by Huguet Systems, LLC, dated August 17, 2021, signed and sealed by Jose L. Guzman, P.E., on September 08, 2021.*

**B. TESTS**

1. *Test report on Large Missile Impact Test per TAS 201-94, Test report on Uniform Static Air Pressure Test per TAS 202-94 and Cyclic Wind Pressure Test per TAS 203-94, Racking test per ASTM E72-14a on 4" concrete wall system, prepared by FTL, Report No. 12545, dated 06/24/2021, signed by Idalmis Ortega, P.E., on July 06, 2021.*

**C. CALCULATIONS**

1. *Structural Calculations titled "Huguet System Wall Form", 23 pages, prepared by Jose L. Guzman, P.E., signed and sealed by Jose L. Guzman, P.E., on August 10, 2020.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*



Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 21-0805.03  
Expiration Date: 09/23/2026  
Approval Date: 09/23/2021



# HUGUET SYSTEMS, LLC.

## A 4" CONCRETE WALL SYSTEM

### INSTALLATION DETAILS

**STRUCTURAL NOTES:**

**COORDINATION:**  
-COORDINATE ALL DIMENSIONS, ELEVATIONS & OPENINGS WITH ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES TO OUR OFFICE.  
**CONCRETE:**  
-COMPRESSIVE STRENGTH AT 28 DAYS: 3000 PSI  
SLAB ON FILL: 3000 PSI  
ALL OTHER POURED-IN-PLACE CONCRETE:  
GROUT:  
-TEST:  
A MIN. OF 5 CONCRETE SPECIMENS SHALL BE TAKEN FROM EACH 50 CU. YD. OR PORTION THEREOF SPECIMENS SHALL BE TESTED ACCORDING TO A.S.T.M. C-39, ONE AT 3, ONE AT 7, AND 3 AT 28 DAYS.  
-COVER:  
COVER SHALL BE PER ACI 318-14.

**REINFORCING STEEL:**  
-REINFORCING BARS CONFORMING TO A.S.T.M. A-815 GRADE 60, INCLUDING COLUMN AND BEAM TIES.  
-WELDED FIRE FABRIC CONFORMING TO A.S.T.M. A-185 AND SUPPORTED ON SLAB BOLSTERS SPACED AT 3'-0" O/C.  
-FABRICATION AND DETAILING ACCORDING TO A.C.I.-315.  
-ALL ACCESSORIES TO HAVE UPTURNED LEGS AND BE PLASTIC DIPPED AFTER FABRICATION.

**WELDING:**  
-ALL WELDING SHOULD BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY A.W.S. BY CERTIFIED WELDERS.  
-CONTRACTORS TO USE E-70 SERIES LOW HYDROGEN ELECTRODES.

**OWNER, ARCHITECT, AND CONTRACTOR NOTE:**  
-CHECK FOR SHOP DRAWINGS AND INSPECTIONS OF REINFORCEMENT IN THE FIELD ARE REQUIRED IF THIS OFFICE IS TO BE HELD RESPONSIBLE FOR THE STRUCTURAL ADEQUACY OF THE CONSTRUCTED BUILDING.

**SHORING, RE-SHORING, AND TEMPORARY BRACING:**  
-ALL SHORING, RE-SHORING AND TEMPORARY BRACING REQUIRED IN THIS PROJECT IS TO BE DESIGNED BY FLORIDA RESTRICTED ENGINEER WHO SPECIALIZES IN FORM WORK/TEMPORARY BRACING DESIGN. AND WHO HAS BEEN HIRED BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR IS THE ULTIMATE RESPONSIBLE PARTY FOR SHORING, RE-SHORING, AND TEMPORARY BRACING REQUIRED ON THIS PROJECT AND MUST SATISFY HIMSELF WITH THE ADEQUACY OF THE INSTALLATION OF THESE ITEMS AT ALL TIMES. IN THE SPECIFIC CASE OF POURED SLABS IT IS HIGHLY RECOMMENDED THAT FROM THE SHORING DESIGNER OR HIS AGENT PRIOR TO THE PLACEMENT OF CONCRETE THE GENERAL CONTRACTOR SECURE A CERTIFICATION OF THE INSTALLED SHORING.

**SAFETY OSHA AND LABOR LAWS.**  
-THE STRUCTURAL ENGINEER OF RECORD DOES NOT POSSES, NOR PRESUMES TO POSSES ANY KNOWLEDGE OR EXPERTISE IN MATTERS TO JOB SITE EMPLOYEE SAFETY, OSHA OR LABOR LAE REQUIREMENTS FOR A CONSTRUCTION PROJECT. SAFETY AND COMPLIANCE WITH OSHA AND LABOR LAWS ARE THE ABSOLUTE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THOSE CONSULTANTS HE HIRES TO ADDRESS THESE MATTERS. THE STRUCTURAL ENGINEER OF RECORD SPECIALIZES IN STRUCTURAL DESIGN ONLY, AND THE BOARD OF PROFESSIONAL REGULATION FORBIDS HIM FROM ASSUMING RESPONSIBILITY OUTSIDE HIS AREA OF EXPERTISE

**APPLICABLE CODES:**  
-ALTHOUGH THE ENGINEER OF RECORD HAS STRIVED TO MEET ALL APPLICABLE CODES AND LOCAL ORDINANCE REQUIREMENTS, THE CONTRACTOR IS STILL RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES AND ORDINANCES OF THE EVENT OF CONFLICT OR OVERSIGHT IN THE DRAWINGS THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER OF ANY CONFLICT OF DISCREPANCY ENCOUNTERED SO THAT APPROPRIATE REMEDIES MAY BE UNDERTAKEN.  
-THE APPLICABLE CODES ARE:  
FLORIDA BUILDING CODE 2020  
A.C.I. 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.  
A.I.S.C. MANUAL OF STEEL CONSTRUCTION, 9th. EDITION.  
ASCE 7-2016

**DESIGN CRITERIA:**

**MAXIMUM PANEL SIZE**  
-PANEL HEIGHT: 120" (10'-0")  
-PANEL WIDTH: 48" (4'-0")

**PERFORMANCE RATING**  
-BASED ON TAS 201, TAS 202, TAS 203  
-ASTM E-72

**TENSION, COMPRESSION, AND RACKING**  
-PANEL MAXIMUM ALLOWABLE TENSION LOAD: 4,700.00 #/FT. OF PANEL WIDTH  
-PANEL MAXIMUM ALLOWABLE COMPRESSION: 8,300.00 #/FT. OF PANEL WIDTH  
-PANEL MAXIMUM ALLOWABLE RACKING: 1,400.00 #/FT. OF PANEL WIDTH

**WIND LOAD**  
PANEL MAXIMUM ALLOWABLE WIND LOAD: 100.00 PSF

**MAXIMUM DOOR AND WINDOW OPENINGS**  
MAXIMUM DOOR OPENING: 39" x 82"  
MAXIMUM WINDOW OPENING: 38" x 60-1/2"

Approved as complying with the  
Florida Building Code  
Date 09/23/2021  
NOA# 21-0805.03  
Miami Dade Product Control  
By H. G. A. M. M.

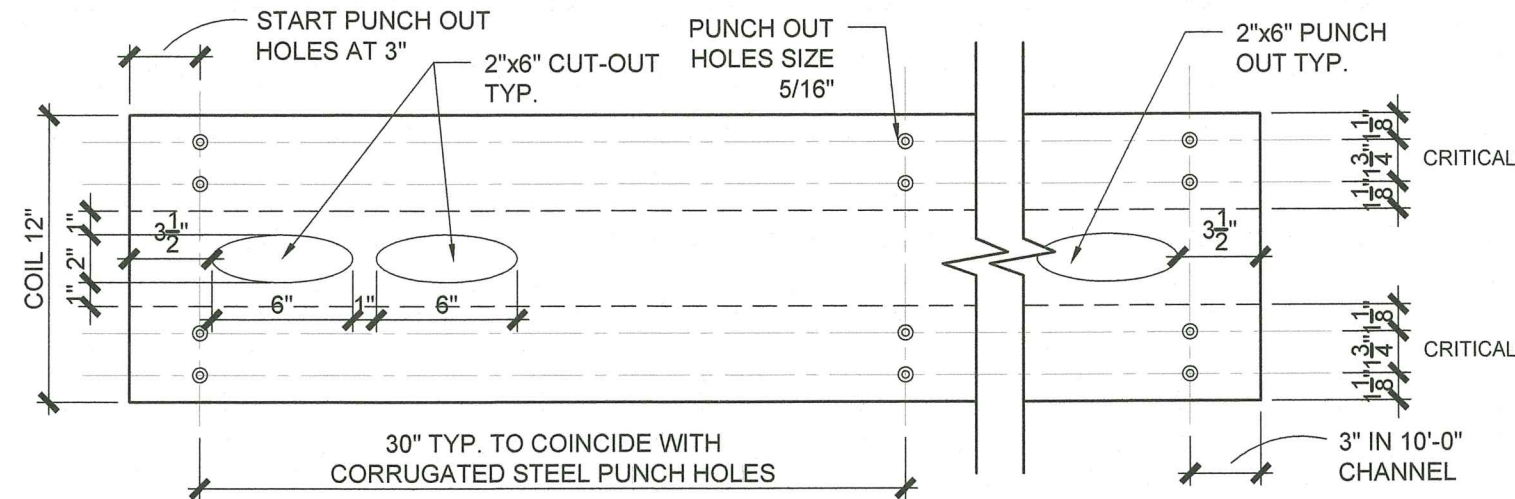


HUGUET SYSTEMS, LLC 7130 MILLER DRIVE MIAMI, FLORIDA 33155 TEL: (305) 667-1944 www.huguet-systems.com	
NOTES	HUGUET SYSTEMS, LLC 4" CONCRETE WALLS US PATENTS No.: 10,597,881
DRAWING	PROJECT
SCALE	SEE PLAN
DATE	08.17.21
DRAWN BY	RH/JADT
SHEET	A-1



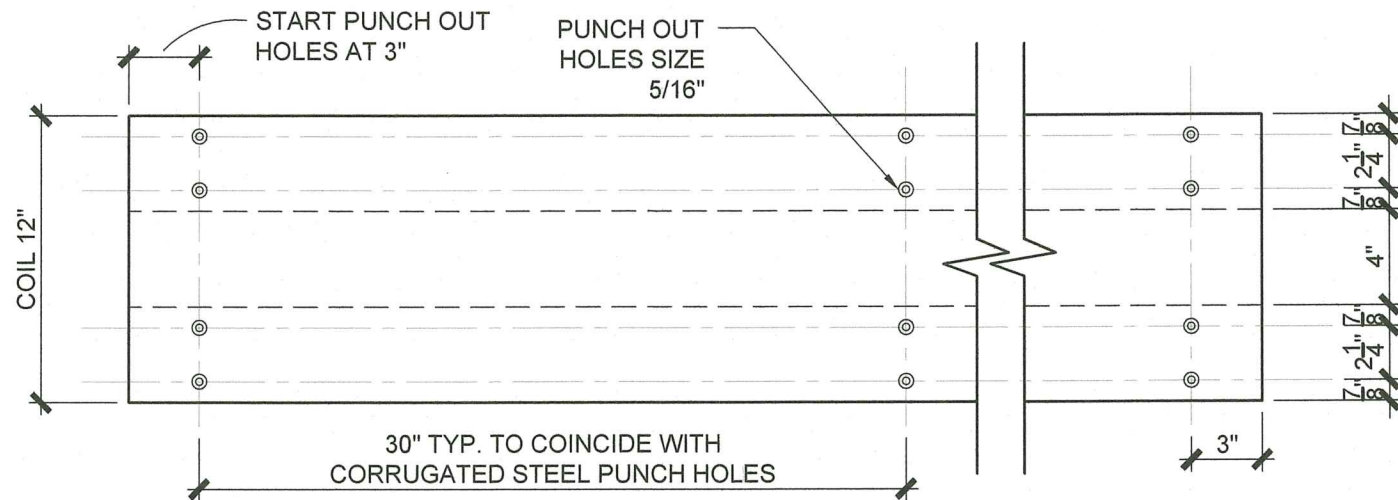
## GALVANIZED STEEL "U" CHANNEL (20 GAUGE)

"U" SHAPE STEEL CHANNELS SERVE AS CONNECTION MEANS BETWEEN PANELS; FLOW OF CONCRETE BETWEEN ZONES, AS WELL AS, PATH-THROUGH FOR ELECTRICAL AND LOW-VOLTAGE CONDUITS.



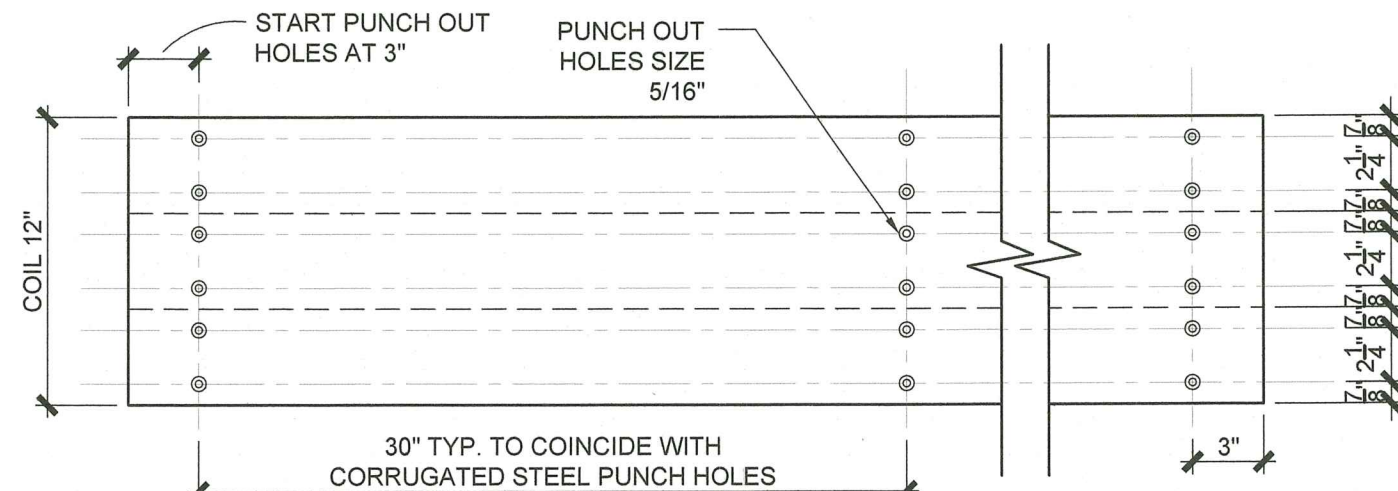
## 20 GA. "U" CHANNELS

SCALE: 1-1/2" = 1'-0"



## 16 GA. "U" CORNER CHANNEL No.1

SCALE: 1-1/2" = 1'-0"

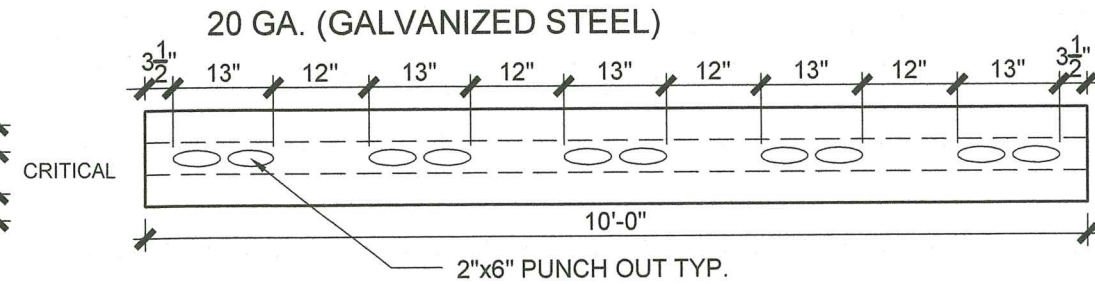


## 16 GA. "U" CORNER CHANNEL No.2

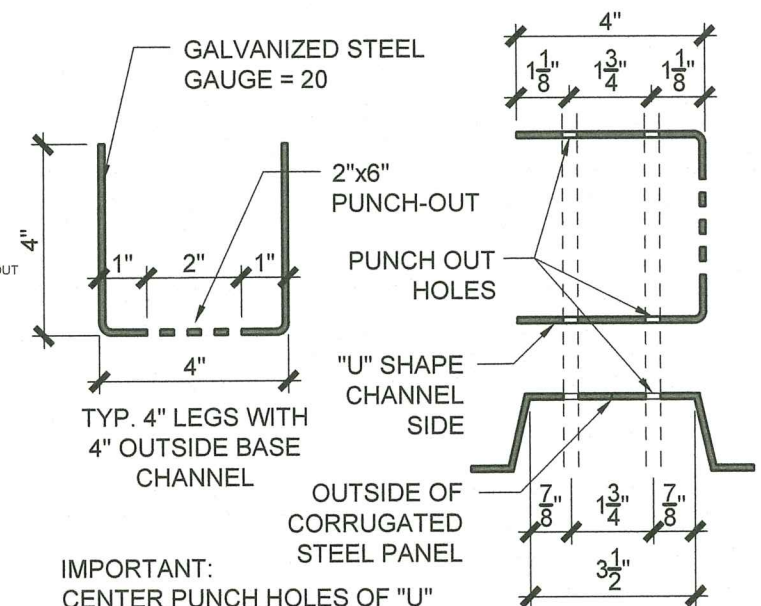
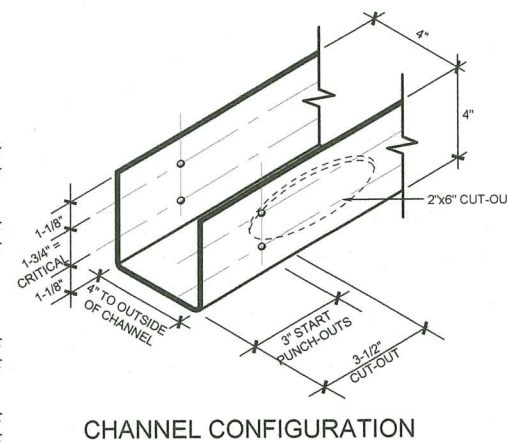
SCALE: 1-1/2" = 1'-0"



## SYSTEM COMPONENTS

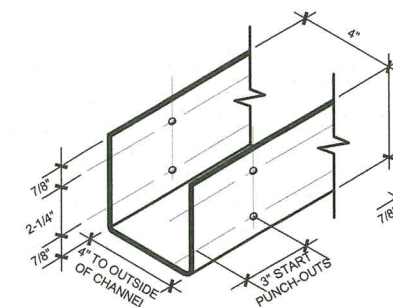


SCALE: 1/2" = 1'-0"

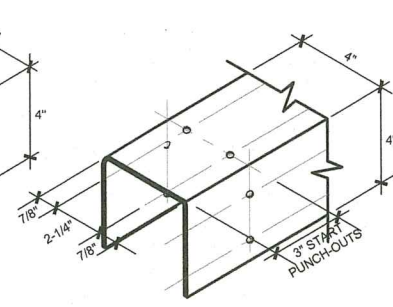


IMPORTANT:  
CENTER PUNCH HOLES OF "U"  
CHANNELS AT 1-3/4" MUST COINCIDE  
WITH 2'-0" CORRUGATED STEEL PANELS  
ENDS AT 1-3/4" TO INSTALL SNAP TIES.

SCALE: 3" = 1'-0"



CORNER CHANNEL No.1



CORNER CHANNEL No.2

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Miami Dade Product Control  
By *Healy A. M...*



HUGUET SYSTEMS, LLC  
7130 MILLER DRIVE  
MIAMI, FLORIDA 33155  
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www.huguet-systems.com



## SYSTEM COMPONENTS

HUGUET SYSTEMS, LLC

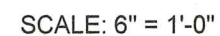
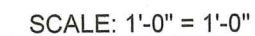
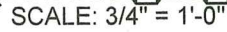
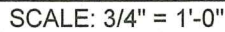
4" CONCRETE WALLS

US PATENTS No.: 10,597,881

DRAWING	PROJECT
SCALE	SEE PLAN
DATE	08.17.21
DRAWN BY	RH/JADT
SHEET	A-2



24" - 16GA.

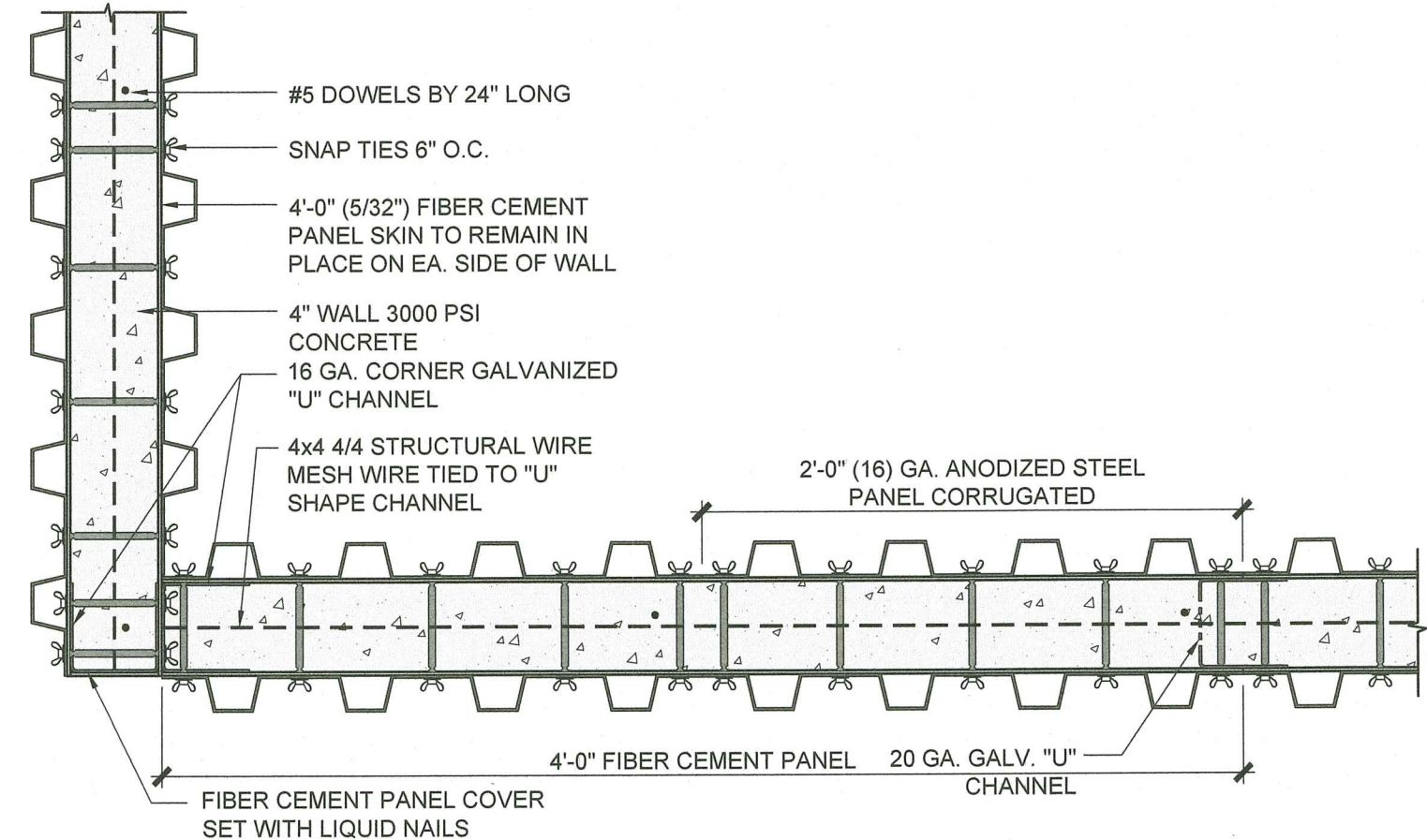


CORRUGATED GALVANIZED STEEL PANEL 16" GA. 1/16"

A-3

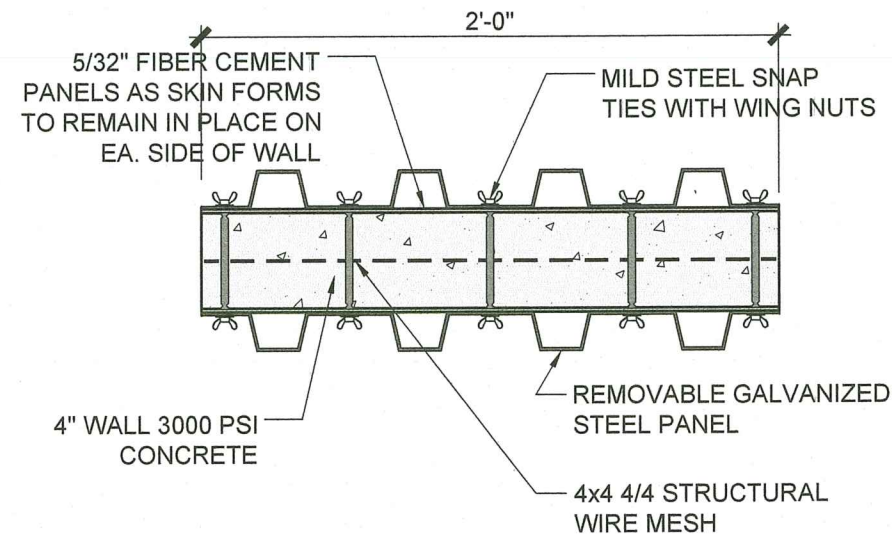


SETTINGS



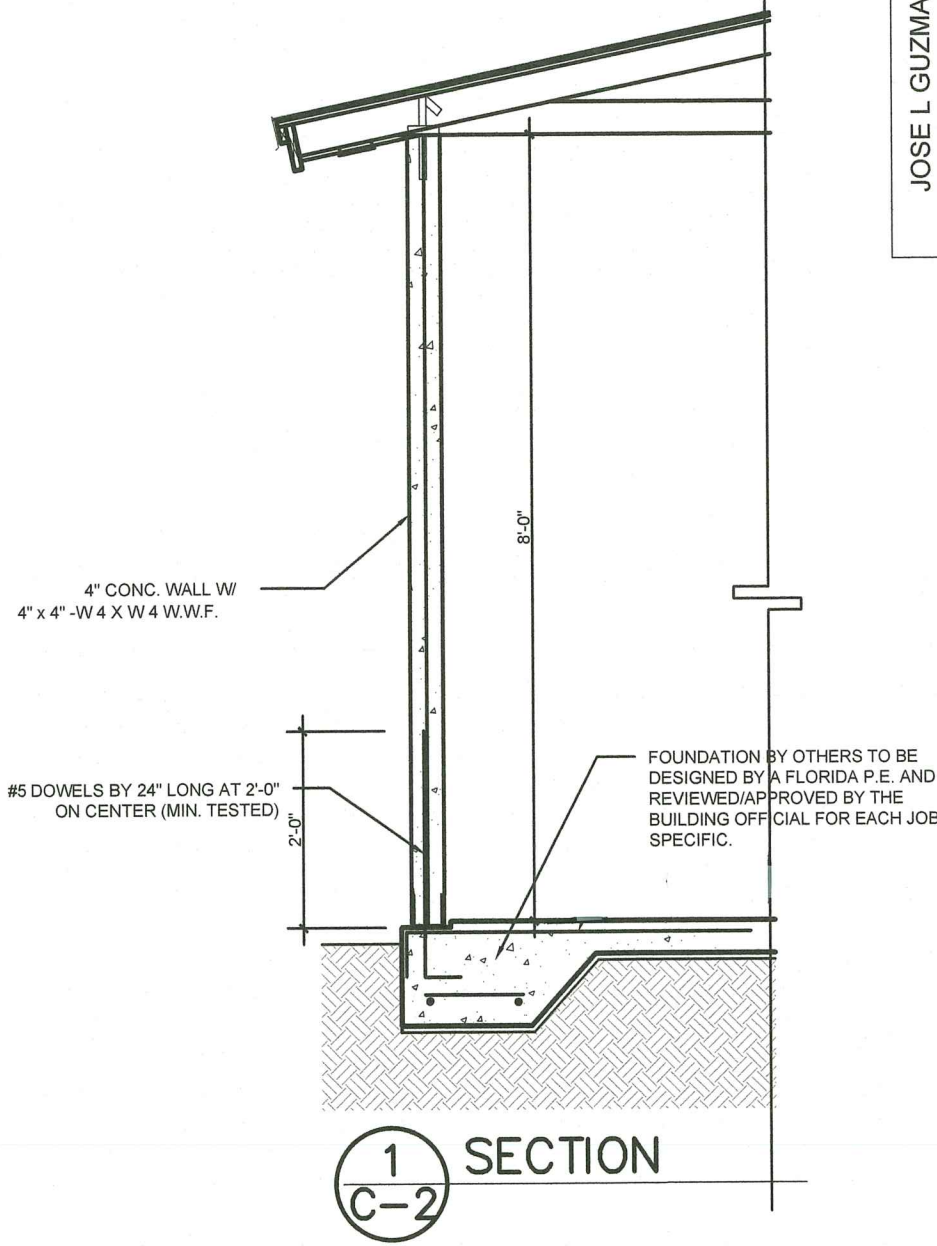
CORNER SETTING

SCALE: 1-1/2" = 1'-0"



GALV. STEEL PANEL SETTING

SCALE: 1-1/2" = 1'-0"



1 SECTION  
C-2

Approved as complying with the  
Florida Building Code  
Date 09/23/2021  
NOA# 21-0805.03  
Miami Dade Product Control  
By H. A. M. M.

JOSE L GUZMAN P.E.  
4869 SW 75TH AVENUE  
MIAMI, FLORIDA 33155  
Phone: (786) 335-1082  
License No. 00056138  
Professional Engineer  
State of Florida

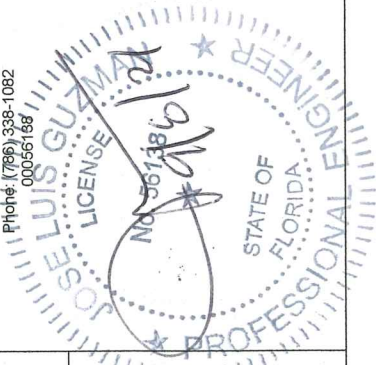
HUGUET SYSTEMS, LLC 7130 MILLER DRIVE MIAMI, FLORIDA 33155 TEL: (305) 667-1944 www.huguet-systems.com	
HUGUET SYSTEMS, LLC 4" CONCRETE WALLS US PATENTS No.: 10,597,881	
DRAWING	PROJECT
SCALE	SEE PLAN
DATE	08.17.21
DRAWN BY	RH/JADT
SHEET	A-4



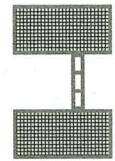
SETTINGS

JOSE L GUZMAN P.E.

4869 SW 75TH AVENUE  
MIAMI, FLORIDA 33155  
Phone: (786) 338-1082  
00056168



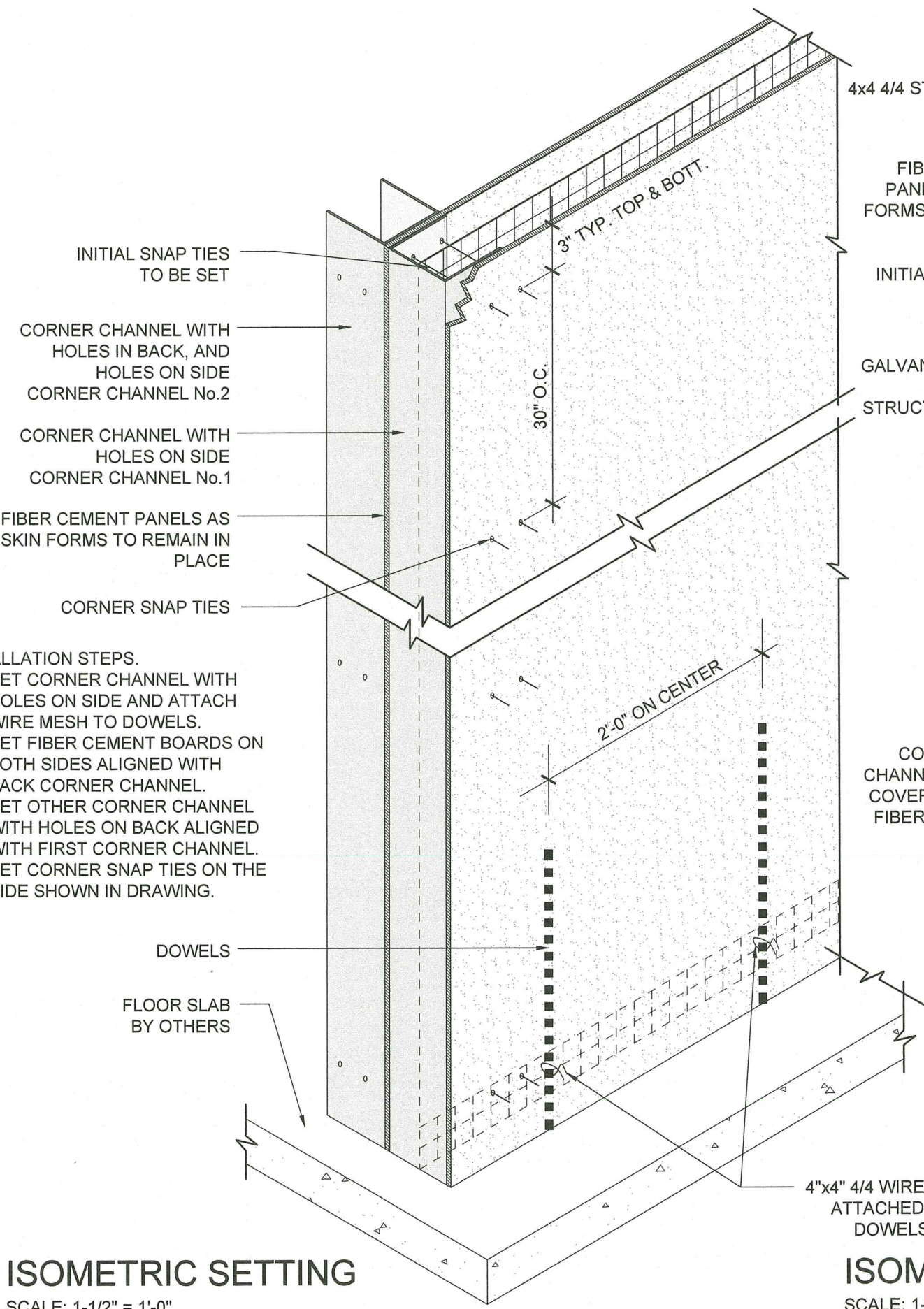
HUGUET SYSTEMS, LLC  
7130 MILLER DRIVE  
MIAMI, FLORIDA 33155  
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SETTINGS

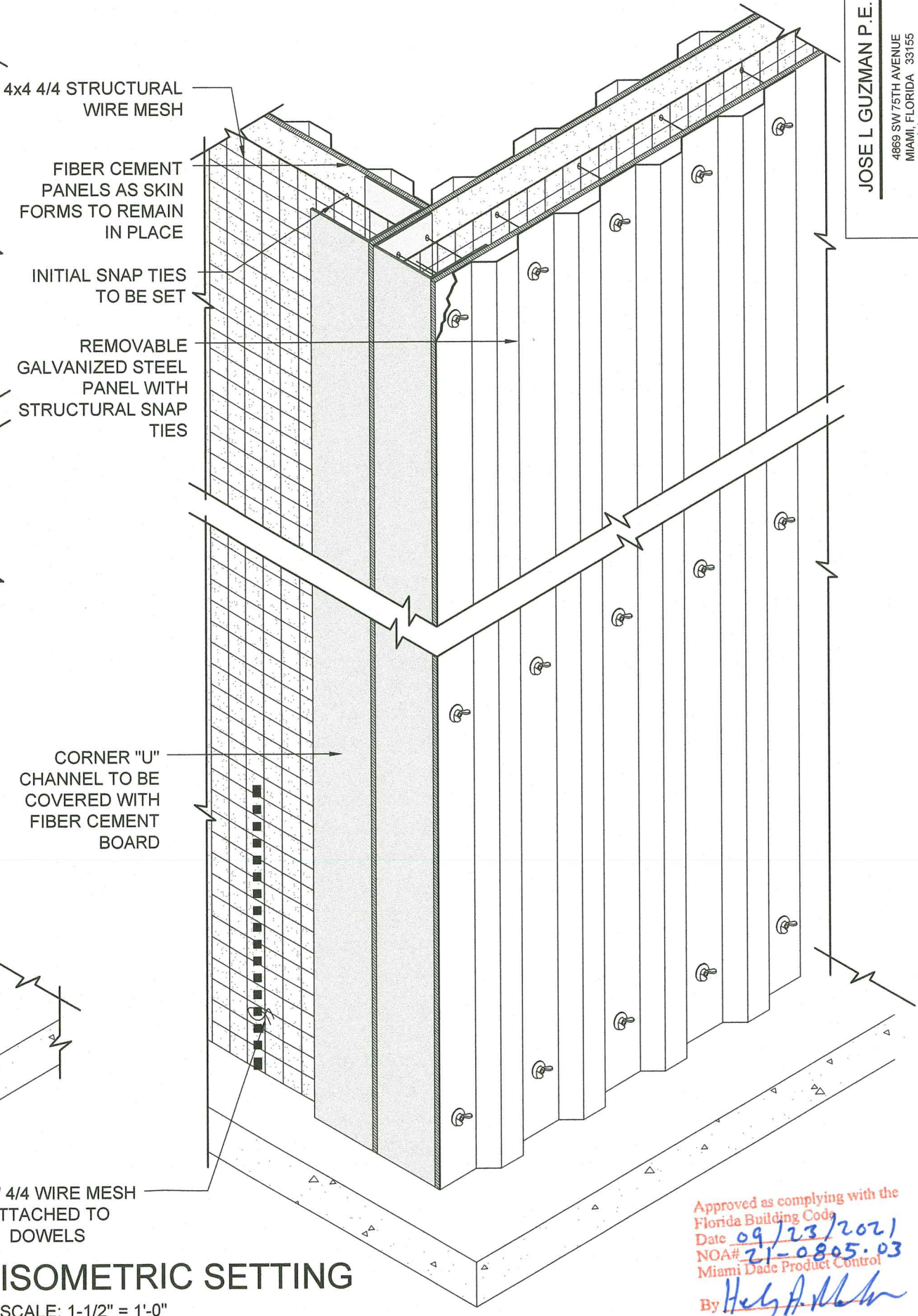
HUGUET SYSTEMS, LLC  
4" CONCRETE WALLS  
US PATENTS No.: 10,597,881

DRAWING	PROJECT
SCALE	SEE PLAN
DATE	08.17.21
DRAWN BY	RH/JADT
SHEET	A-5



ISOMETRIC SETTING  
SCALE: 1-1/2" = 1'-0"

STEP ONE



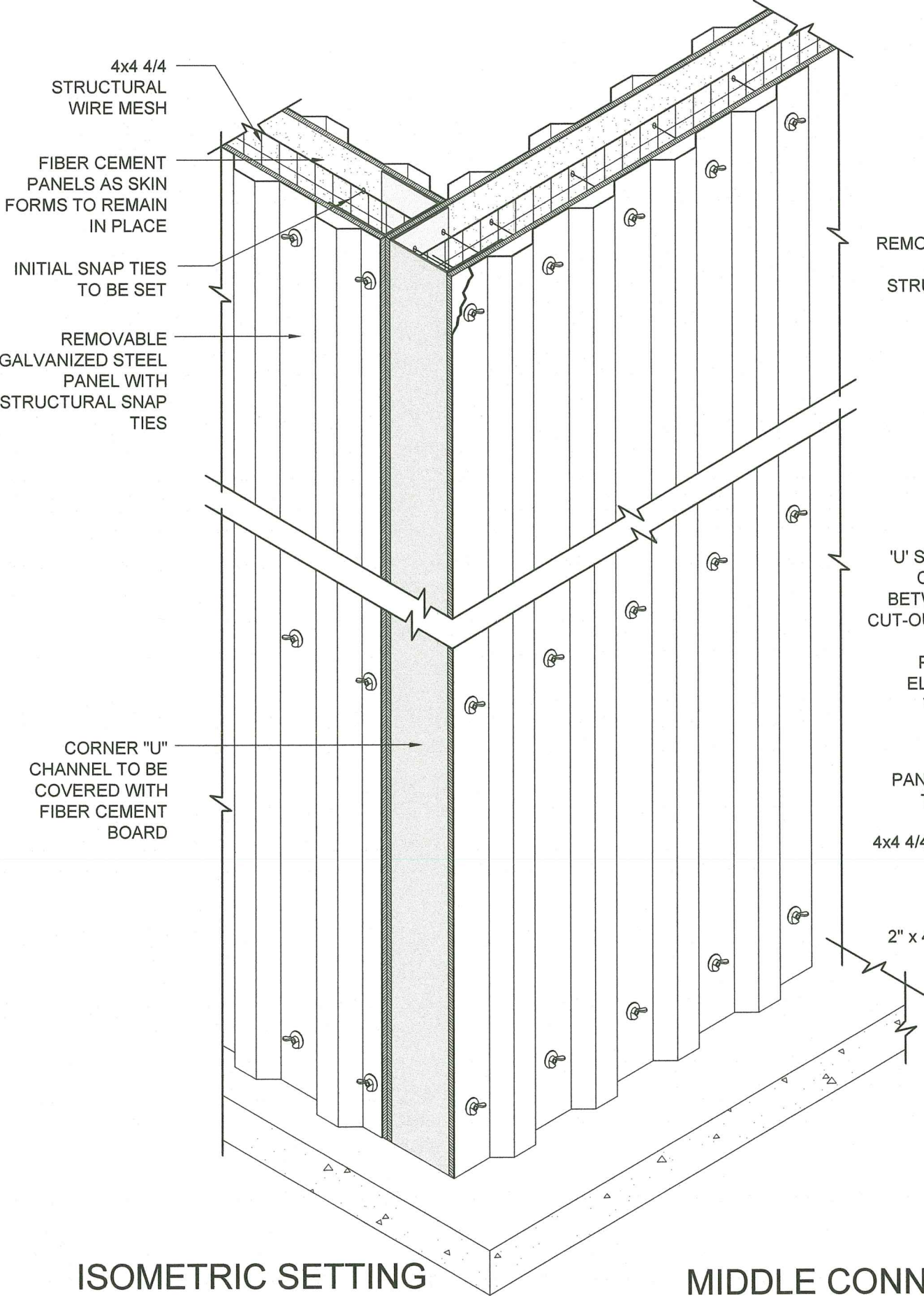
ISOMETRIC SETTING  
SCALE: 1-1/2" = 1'-0"

STEP TWO

Approved as complying with the  
Florida Building Code  
Date 09/23/2021  
NOA# 21-0805-03  
Miami Dade Product Control  
By *[Signature]*



SETTINGS



REMOVABLE GALVANIZED STEEL PANEL WITH STRUCTURAL SNAP TIES

"U" SHAPE CHANNELS AS CONNECTION MEANS BETWEEN PANELS, WITH CUT-OUTS FOR CONCRETE FLOW, AS WELL AS, PASS-THROUGH FOR ELECTRICAL AND LOW VOLTAGE CONDUITS

5/32" FIBER CEMENT PANELS AS SKIN FORMS TO REMAIN IN PLACE

4x4 4/4 STRUCTURAL WIRE MESH

2" x 4" WOOD GUIDE LINE

FLOOR SLAB BY OTHERS

MIDDLE CONNECTION PANELS

ISOMETRIC SETTING

SCALE: 1-1/2" = 1'-0"

SNAP TIES TO REMAIN IN PLACE

3-1/2"

6"

1"

6"

12"

6"

1"

6"

3-1/2"

6-15/16"

30"

24"

3"

SNAP TIES WITH WING NUTS

Approved as complying with the  
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Date 09/23/2021  
NOA# 21-0805-03  
Miami Dade Product Control  
By *Healy A. Mohr*

STEP FOUR

JOSE L GUZMAN P.E.

4869 SW 75TH AVENUE  
MIAMI, FLORIDA 33155  
Phone: (786) 338-1082  
License No. 00056138

Professional Engineer  
STATE OF FLORIDA

HUGUET SYSTEMS, LLC

7130 MILLER DRIVE  
MIAMI, FLORIDA 33155  
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www.huguet-systems.com



SETTINGS

HUGUET SYSTEMS, LLC

4" CONCRETE WALLS

US PATENTS No.: 10,597,881

DRAWING

PROJECT

SCALE

SEE PLAN

DATE

08.17.21

DRAWN BY

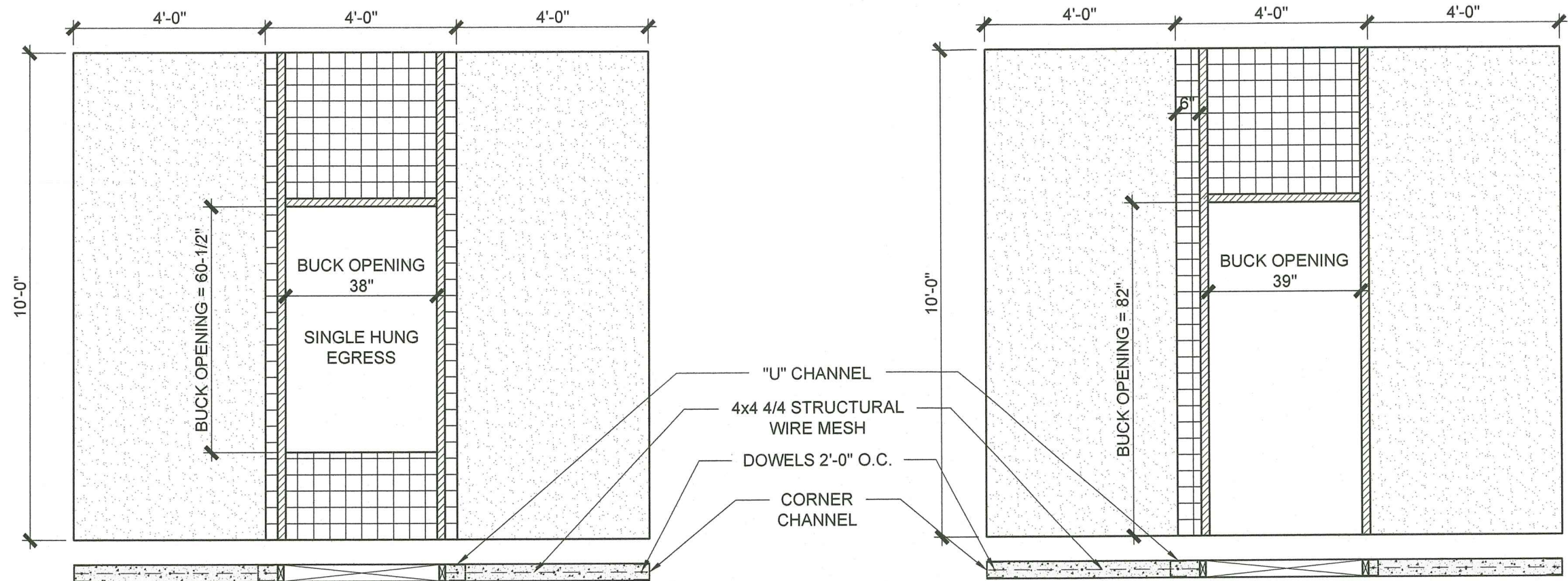
RH/JADT

SHEET

A-6



SETTINGS



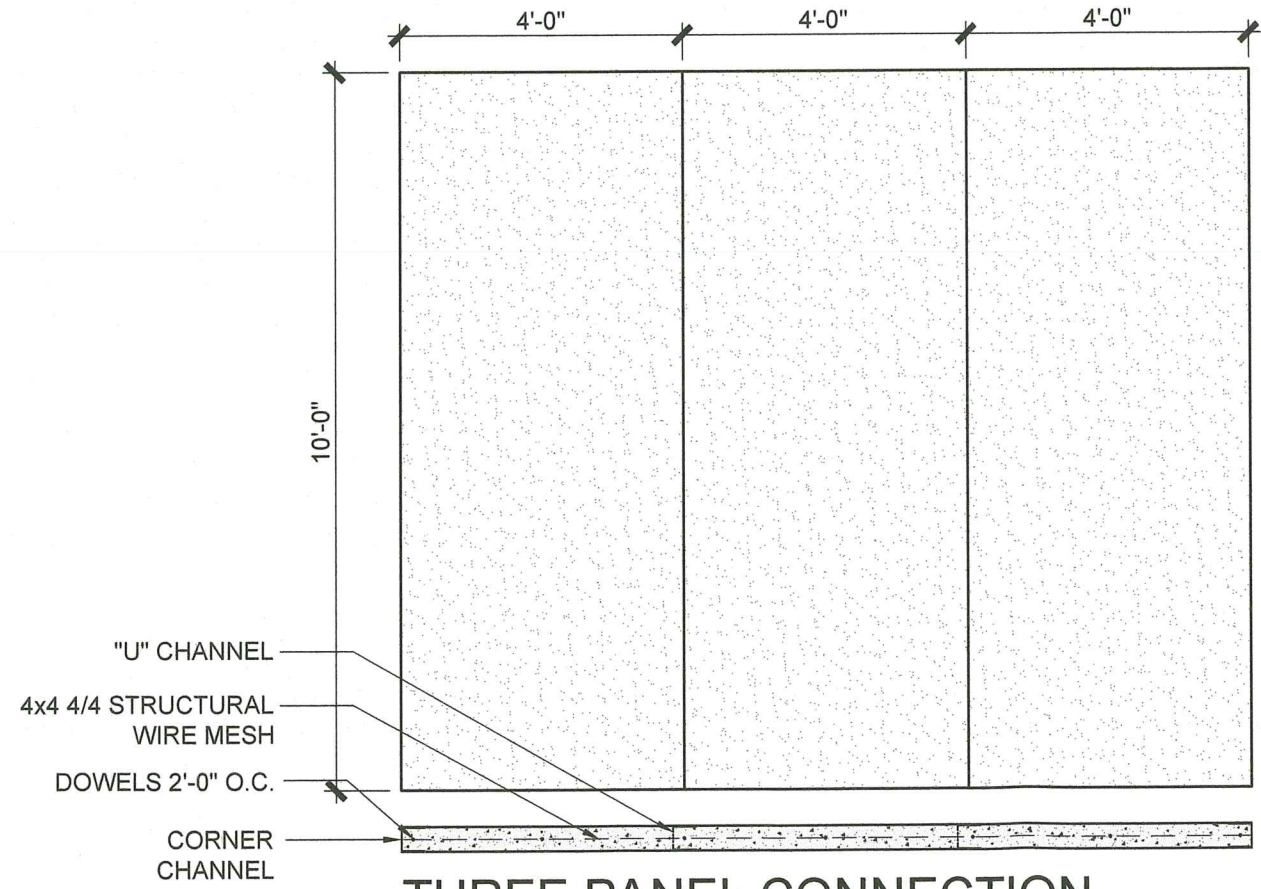
WINDOW SETTING

SCALE: 3/8" = 1'-0"

DOOR SETTING

SCALE: 3/8" = 1'-0"

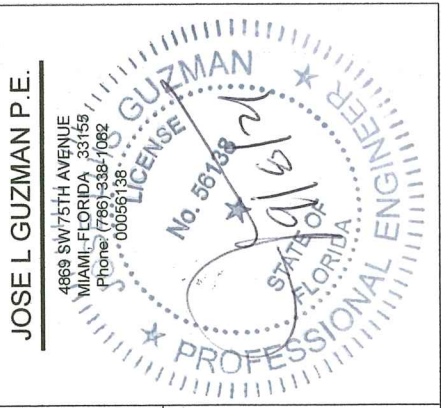
- MAXIMUM DOOR OPENING: 39" x 82"
- MAXIMUM WINDOW OPENING: 38" x 60-1/2"



THREE PANEL CONNECTION

SCALE: 3/8" = 1'-0"

Approved as complying with the  
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Miami Dade Product Control  
By *Hugh A. Malm*



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SETTINGS	
HUGUET SYSTEMS, LLC 4" CONCRETE WALLS US PATENTS No.: 10,597,881	
DRAWING	PROJECT
SCALE	SEE PLAN
DATE	08.17.21
DRAWN BY	RH/JADT
SHEET	A-7