



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

Grupo Concretech, Inc.
 1111 Kane Concourse, Suite 305
 Miami, FL 33154

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: Glassydur Fiber Cement Siding Systems

APPROVAL DOCUMENT: Drawing No. **AD15-61**, titled "Glassydur Fiber Cement Siding", sheets 1 through 5 of 5, dated 08/15/2016, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E. on 07/25/2017, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
 09/29/2017

NOA No. 17-0426.07
 Expiration Date: October 5, 2022
 Approval Date: October 5, 2017
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **AD15-61**, titled "Glassydr Fiber Cement Siding", sheets 1 through 5 of 5, dated 08/15/2016, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E. on 07/25/2017.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Fiber Cement Siding Panels, model Altos, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-15-5049A/B**, dated 04/24/2015, signed and sealed by Rafael E. Droz-Seda, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Fiber Cement Siding Panels, model Ladrillo, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-14-5056A/B**, dated 04/24/2015, signed and sealed by Rafael E. Droz-Seda, P.E.
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings of Fiber Cement Siding Panels, model Bermeja, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-14-5057A/B**, dated 04/24/2015, signed and sealed by Rafael E. Droz-Seda, P.E.
4. Test reports on Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings of Fiber Cement Siding Panels, model Caravista, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-15-5050**, dated 04/24/2015, signed and sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS

1. Anchor verification calculations prepared by MCY Engineering, Inc., dated 08/15/2016, signed and sealed by Yiping Wang, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

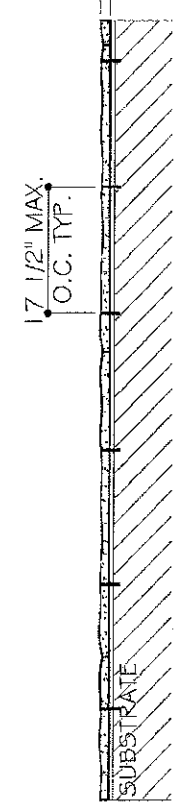
F. STATEMENTS

1. Statement letter of code conformance to the 5th Edition (2014) FBC issued by MCY Engineering, Inc., dated 07/16/2015, signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest issued by MCY Engineering, Inc., dated 07/16/2015, signed and sealed by Yiping Wang, P.E.
3. Distributor agreement dated 04/24/2017.


09/29/2017

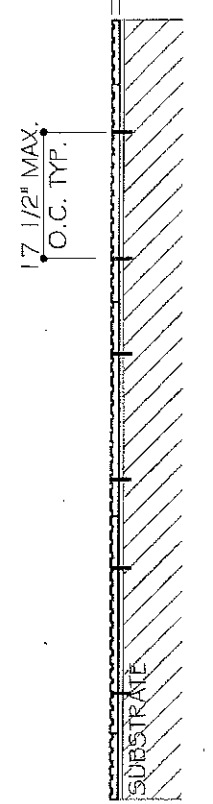
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-0426.07
Expiration Date: October 5, 2022
Approval Date: October 5, 2017

1.18" MAX. THK.
0.52" MIN. THK.



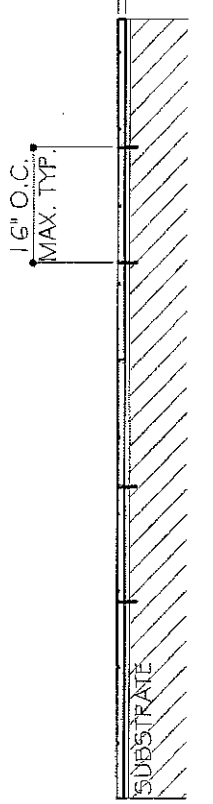
SECTION A
OPTION 1
(ALTOS SIDING)

0.79" MAX. THK.
0.42" MIN. THK.



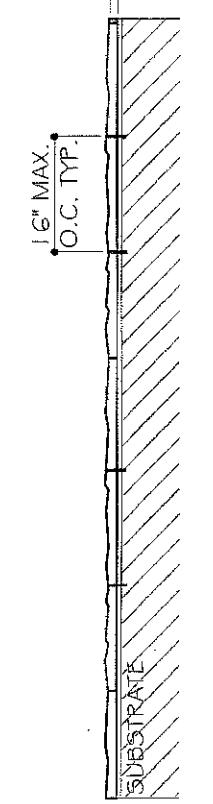
SECTION A
OPTION 2
(LADRILLO SIDING)

0.79" MAX. THK.
3/8" MIN. THK.



SECTION A
OPTION 3
(BERMEJA SIDING)

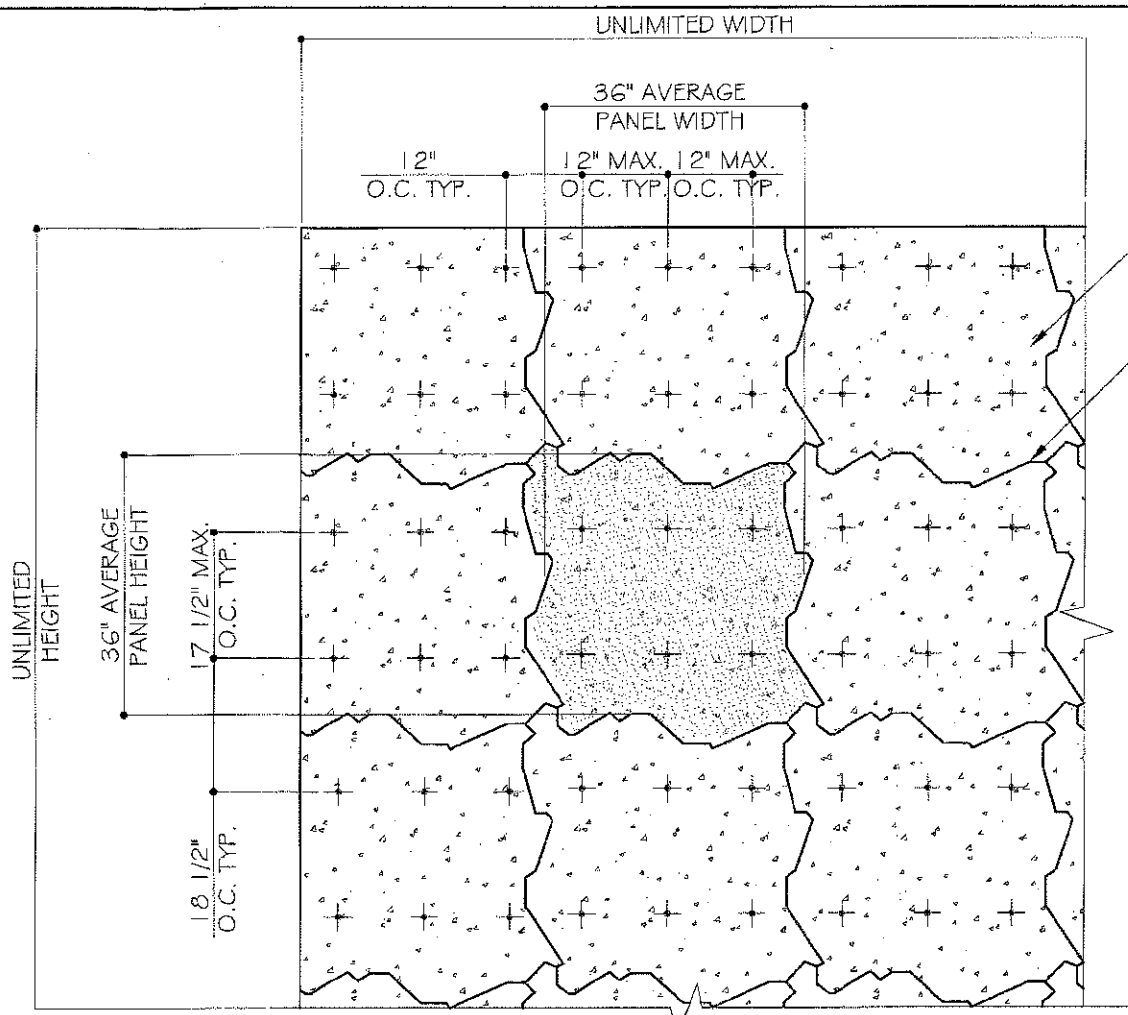
1.18" MAX. THK.
1/2" MIN. THK.



SECTION A
OPTION 4
(CARAVISTA SIDING)

GLASSYDUR FIBER CEMENT SIDING NOTES:

- 1- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 3- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- 4- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) SECTION AS APPLICABLE.
- 5- METAL STRUCTURES NOT BY ANTONIO AFONSO, S.L. DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS SIDING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.
- 6- ULTIMATE LOAD OBTAINED FROM ASCE 7-10, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
- 7- THIS FIBER CEMENT SIDING IS COMPOSED OF PORTLAND CEMENT, SAND, FIBERGLASS (NOT CELLULOSE FIBER) AND INORGANIC COLORS; IT DOES NOT REQUIRE TO BE TESTED PER ASTM E136 AND ASTM E84.



TYPICAL ELEVATION

ALTOS SIDING
OPTION 1
ANCHOR INTO CONCRETE BLOCK OPTION

FIBER CEMENT PANELS ANCHORED TO SHEAR WALLS AS EXTERIOR CLADDING.

APPROVAL APPLIES TO MULTIPLE UNIT INSTALLATIONS

MIN. PANEL THICKNESS = 3/8"
MAX. PANEL SIZE = SEE CHART

NOTE: FRAME WALLS (SUBSTRATE) MUST HAVE A WATER RESISTIVE BARRIER PER FBC 1404.2. IT MUST BE VERIFIED BY A PROFESSIONAL ENGINEER.

THIS FIBER CEMENT SIDING SYSTEM CONFORMS TO THE REQUIREMENTS OF ASTM C1186, TYPE A (FBC 1404.10)

ABBREVIATIONS AND SYMBOLS	
F.H.	- FRAME HEIGHT
F.W.	- FRAME WIDTH
W	- WITH
WO	- WITHOUT
O.C.	- ON CENTER
SECTION NUMBER SHEET NUMBER	

MAXIMUM DESIGN LOAD	
+70 PSF	-70 PSF

PRODUCT APPROVED
as complying with the Florida Building Code
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Approval Date **10/05/2017**
By *[Signature]*
Miami-Dade Product Control
MIAMI-DADE COUNTY

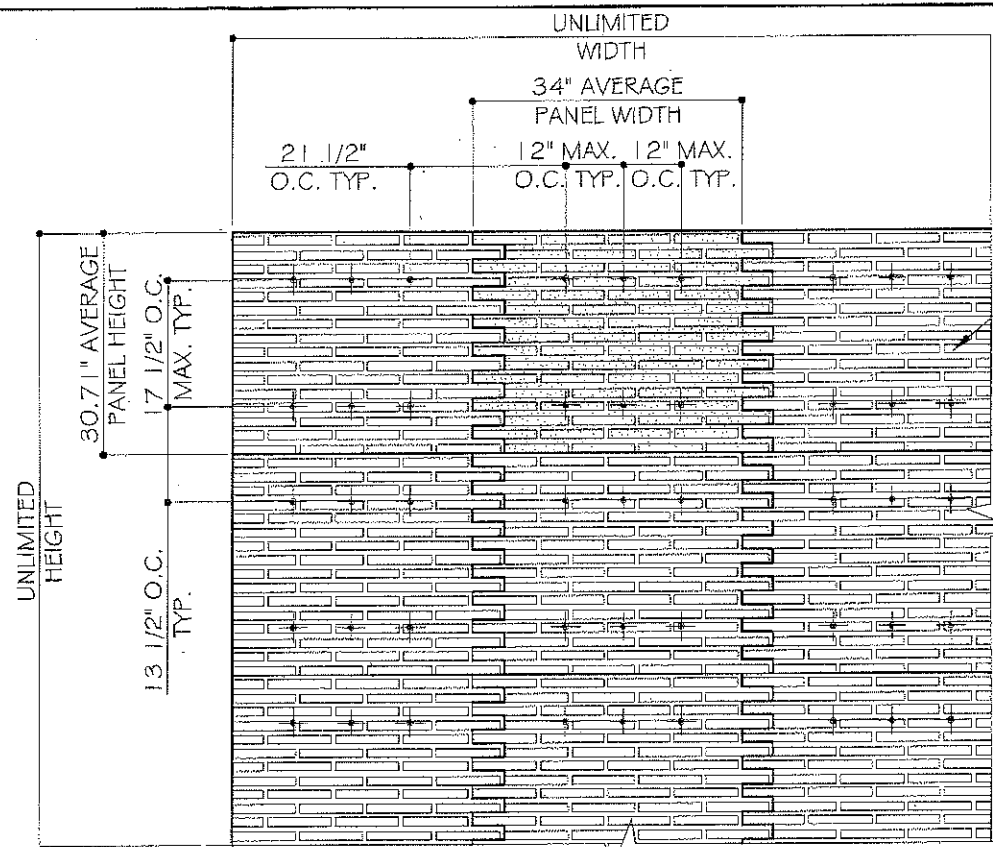
WANG, YIPING
FLORIDA REGISTRATION
PE #55983
C.A.N. 28677
No 55983
[Signature]
PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
8501 SW 124 Ave. Ste. 205A
MIAMI, FL 33183
P: 305.271.0117
F: 305.279.6618
www.MCYEngineering.com
MCY.Engineering@Att.net

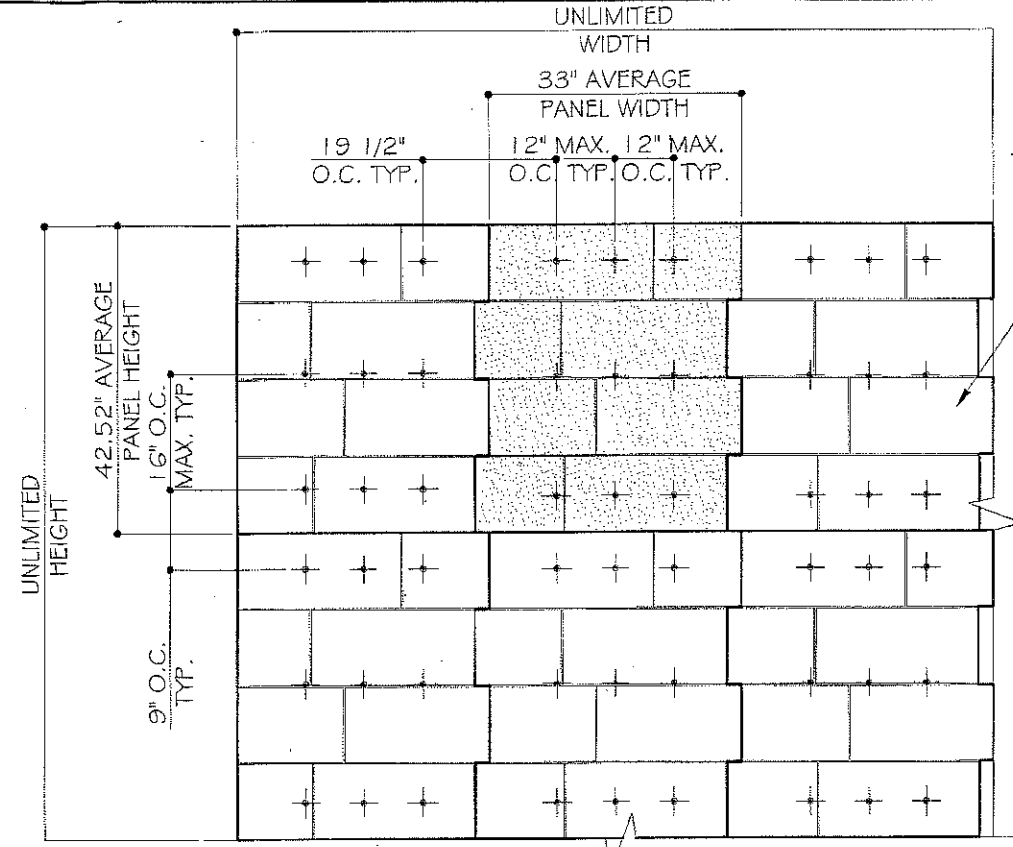
GLASSYDUR FIBER CEMENT SIDING
ANTONIO AFONSO S.L.
EL TIMPLE, s/n. 38437 ICOD DE LOS VINOS
SANTA CRUZ DE TENERIFE, SPAIN
TEL (34) 922 812 394

COVER	
DATE	8/15/16
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	15-108
DRAWING NO.	AD15-61
1 OF 5	



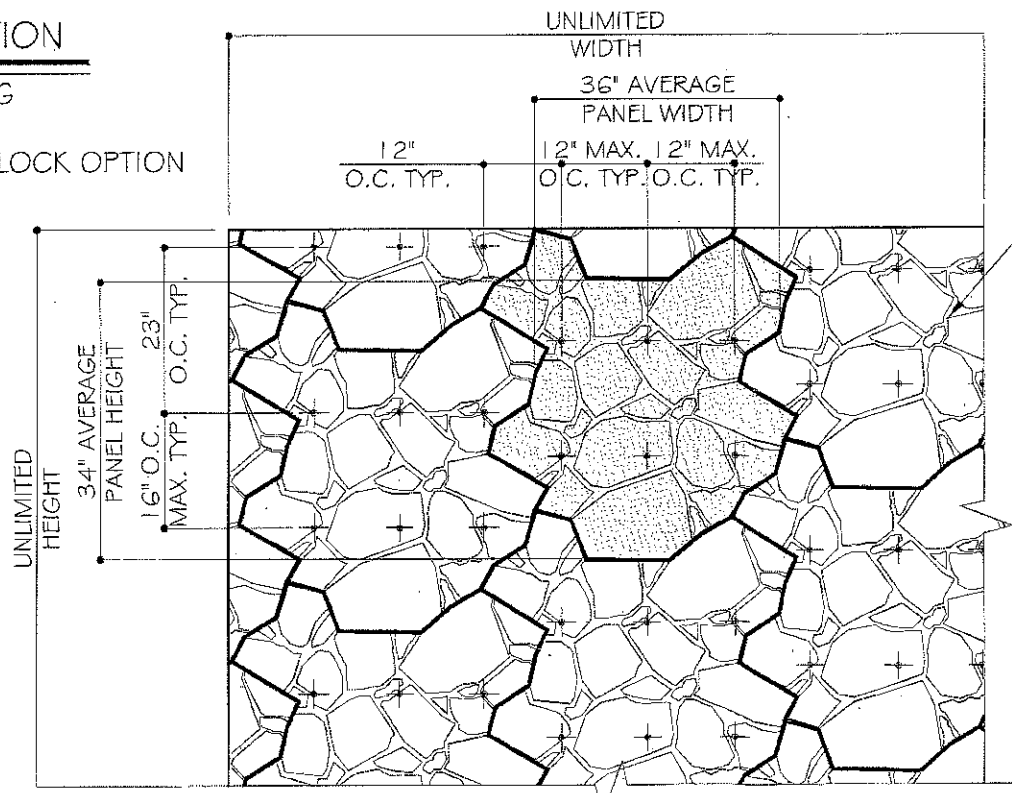
TYPICAL ELEVATION
LADRILLO SIDING
OPTION 2
ANCHOR INTO CONCRETE BLOCK OPTION

2



TYPICAL ELEVATION
BERMEJA SIDING
OPTION 3
ANCHOR INTO CONCRETE BLOCK OPTION

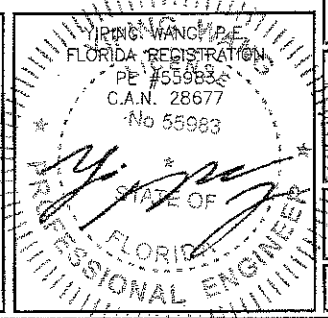
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TYPICAL ELEVATION
CARAVISTA SIDING
OPTION 4
ANCHOR INTO CONCRETE BLOCK OPTION

4

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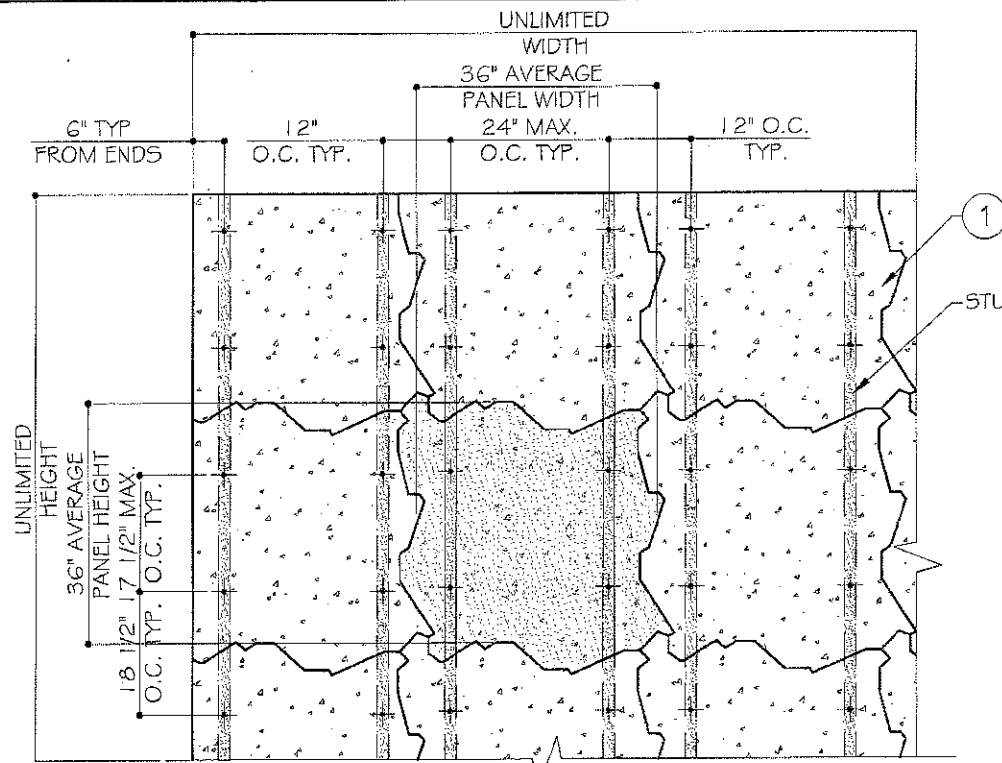
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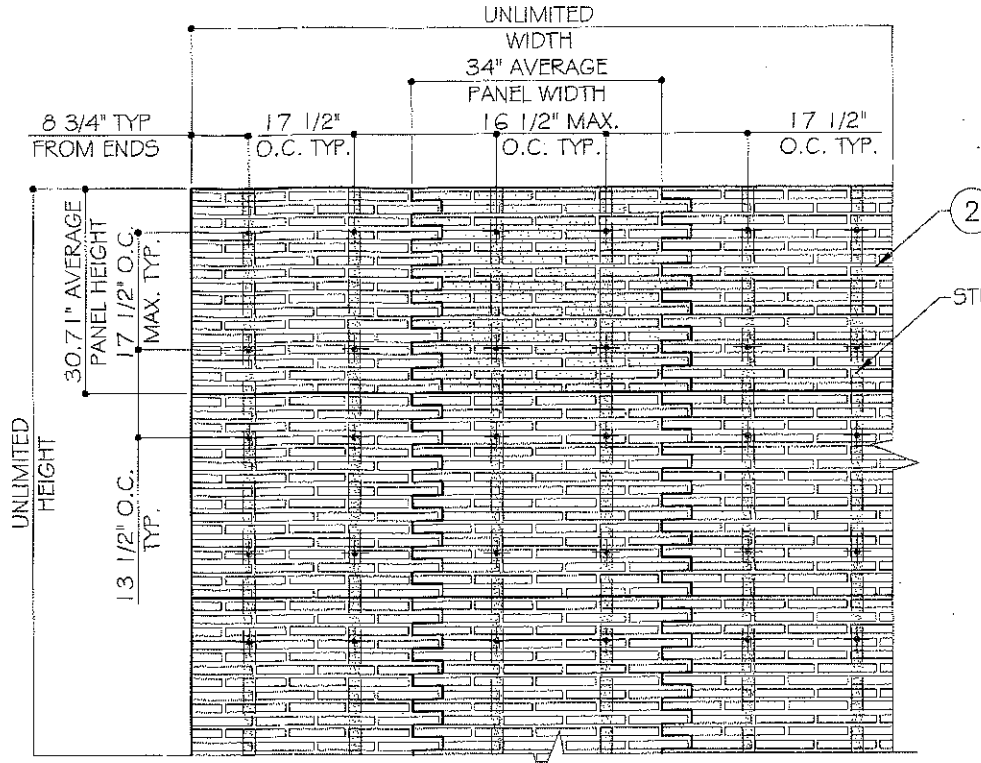
MCY ENGINEERING, INC.
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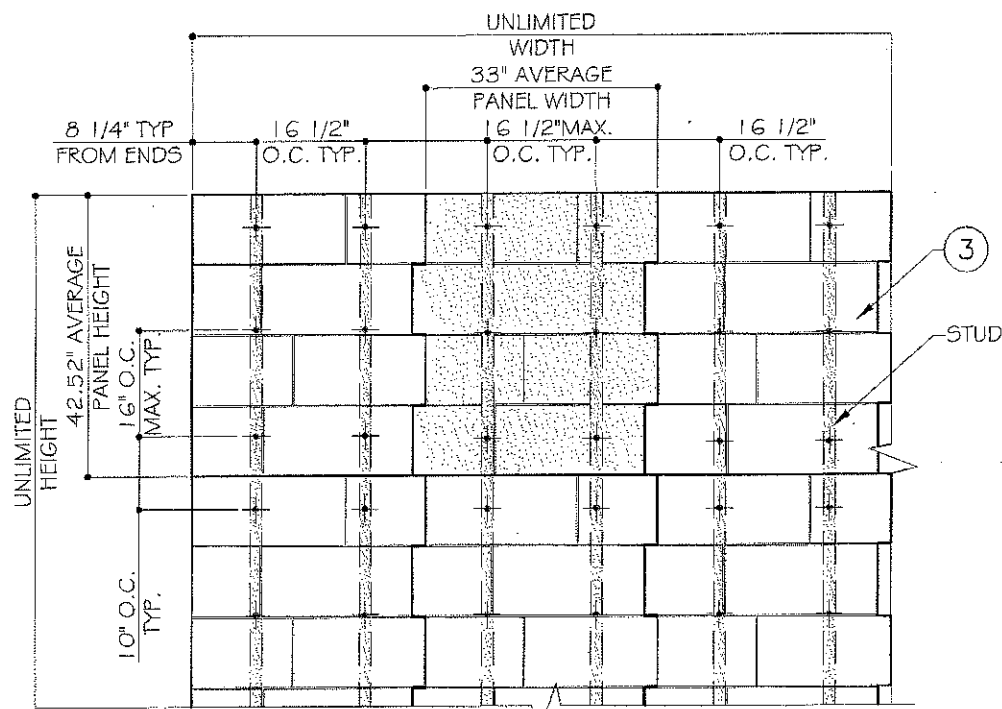
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PROJECT	15-108
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2 OF 5	



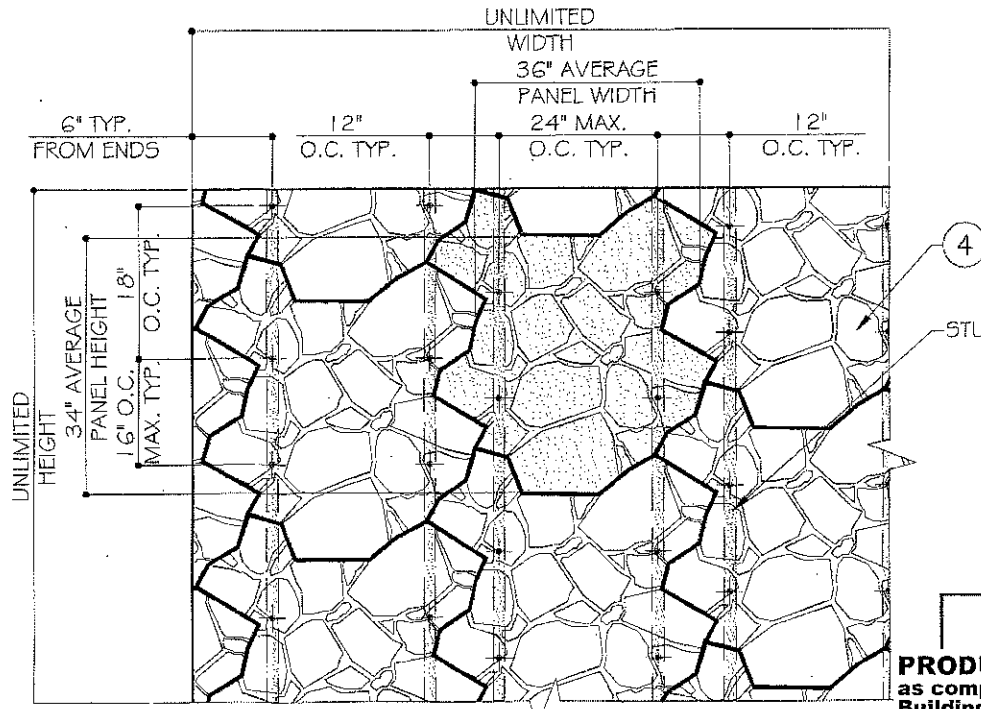
TYPICAL ELEVATION
 ALTOS SIDING
 OPTION 1
 ANCHOR INTO STUDS OPTION



TYPICAL ELEVATION
 LADRILLO SIDING
 OPTION 2
 ANCHOR INTO STUDS OPTION



TYPICAL ELEVATION
 BERMEJA SIDING
 OPTION 3
 ANCHOR INTO STUDS OPTION



TYPICAL ELEVATION
 CARAVISTA SIDING
 OPTION 4
 ANCHOR INTO STUDS OPTION

①
 STUDS BY OTHERS

②
 STUDS BY OTHERS

③
 STUDS BY OTHERS

④
 STUDS BY OTHERS

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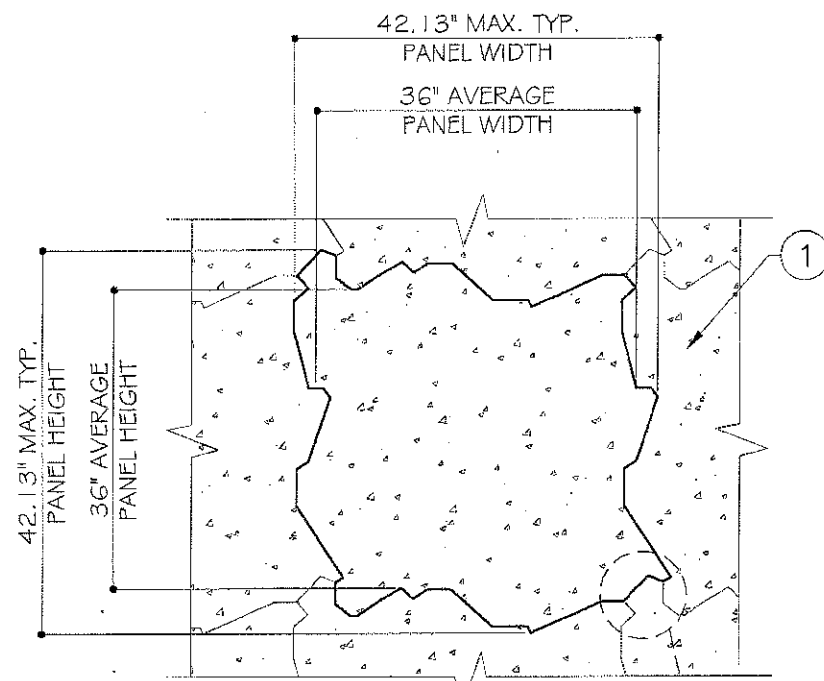
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 C.A.N. 28677
 No 65983
 STATE OF
 PROFESSIONAL ENGINEER

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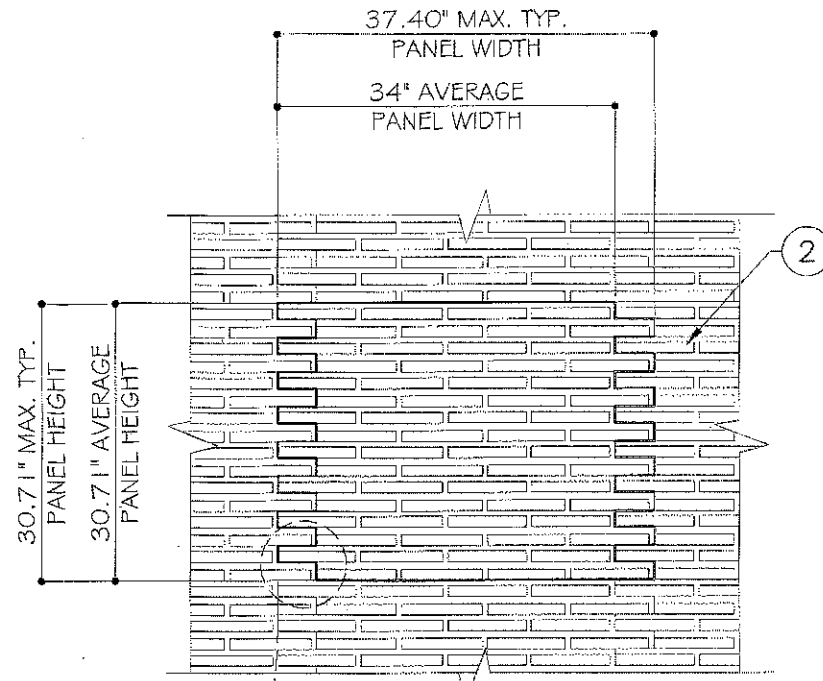
GLASSYUR FIBER CEMENT SIDING
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3 OF 5	



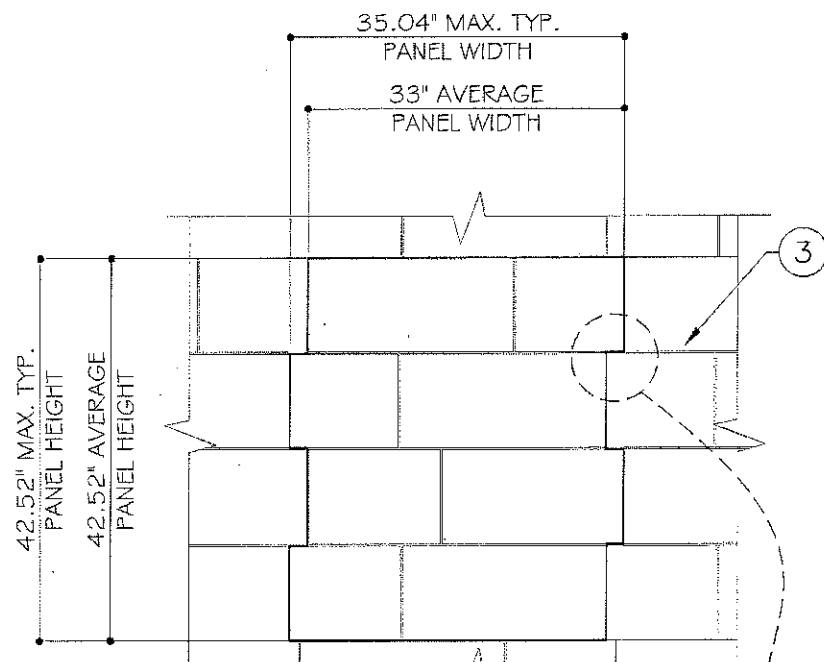
TYPICAL ELEVATION

ALTOS SIDING
OPTION 1



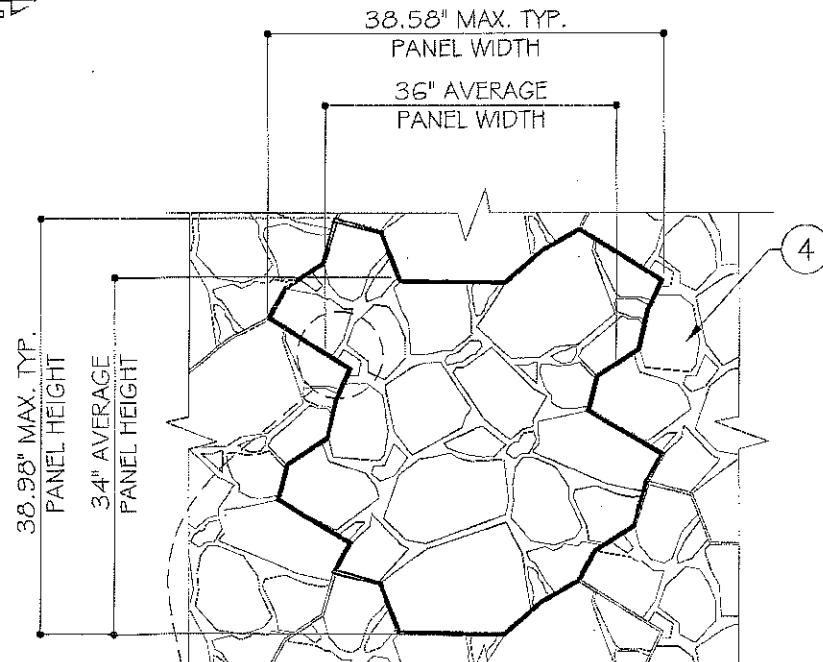
TYPICAL ELEVATION

LADRILLO SIDING
OPTION 2



TYPICAL ELEVATION

BERMEJA SIDING
OPTION 3

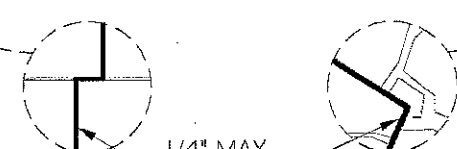


TYPICAL ELEVATION

CARAVISTA SIDING
OPTION 4



1/4" MAX.
GROUT



1/4" MAX.
GROUT

NO.	DATE	DESCRIPTION

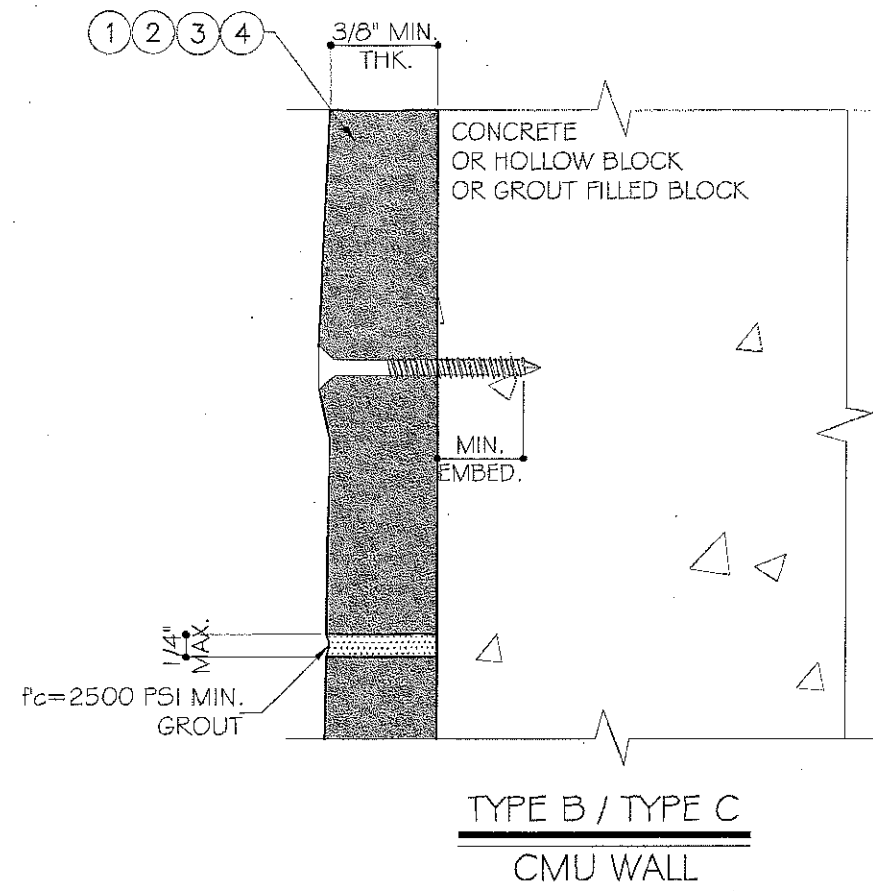
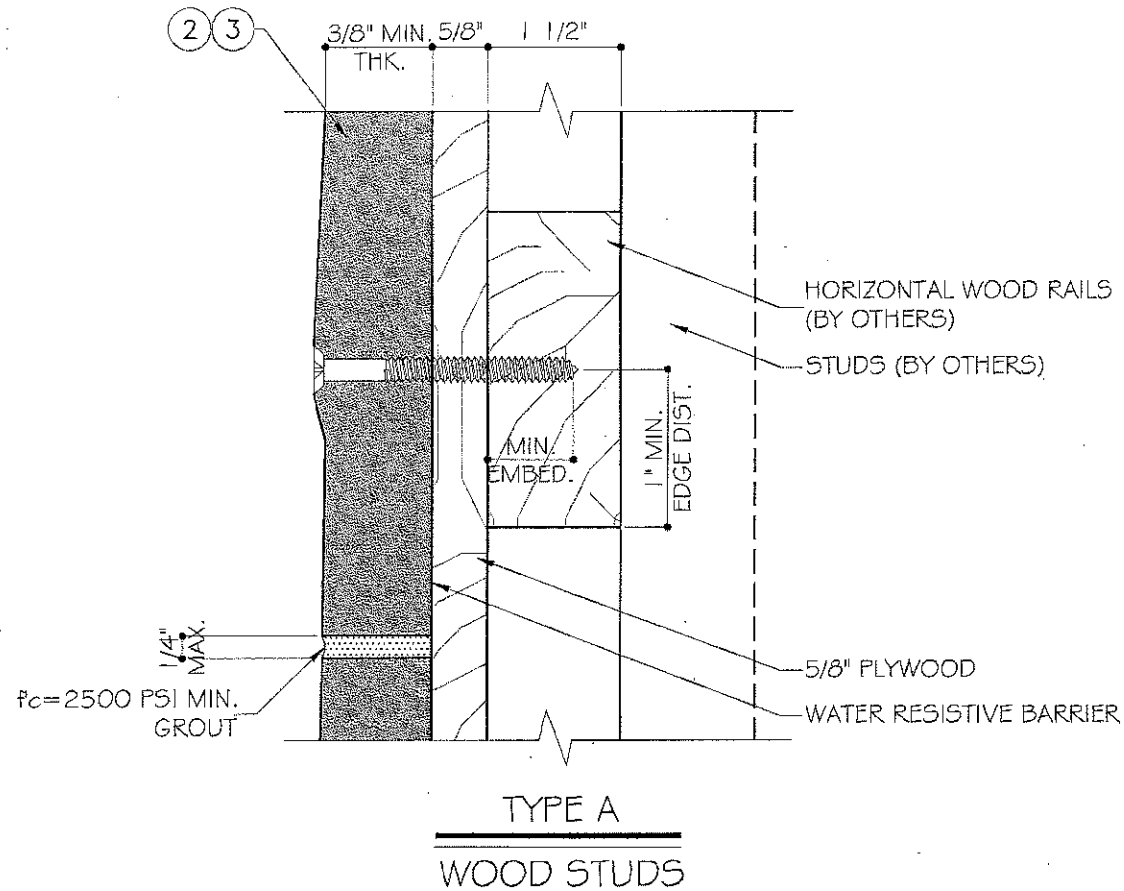
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Miami-Dade Product Control

MIAMI-DADE COUNTY
PING WANG, P.E.
FLORIDA REGISTRATION
NO. 155985
C.A.N. 28677
JUL 25 2017
STATE OF
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PROFESSIONAL ENGINEER

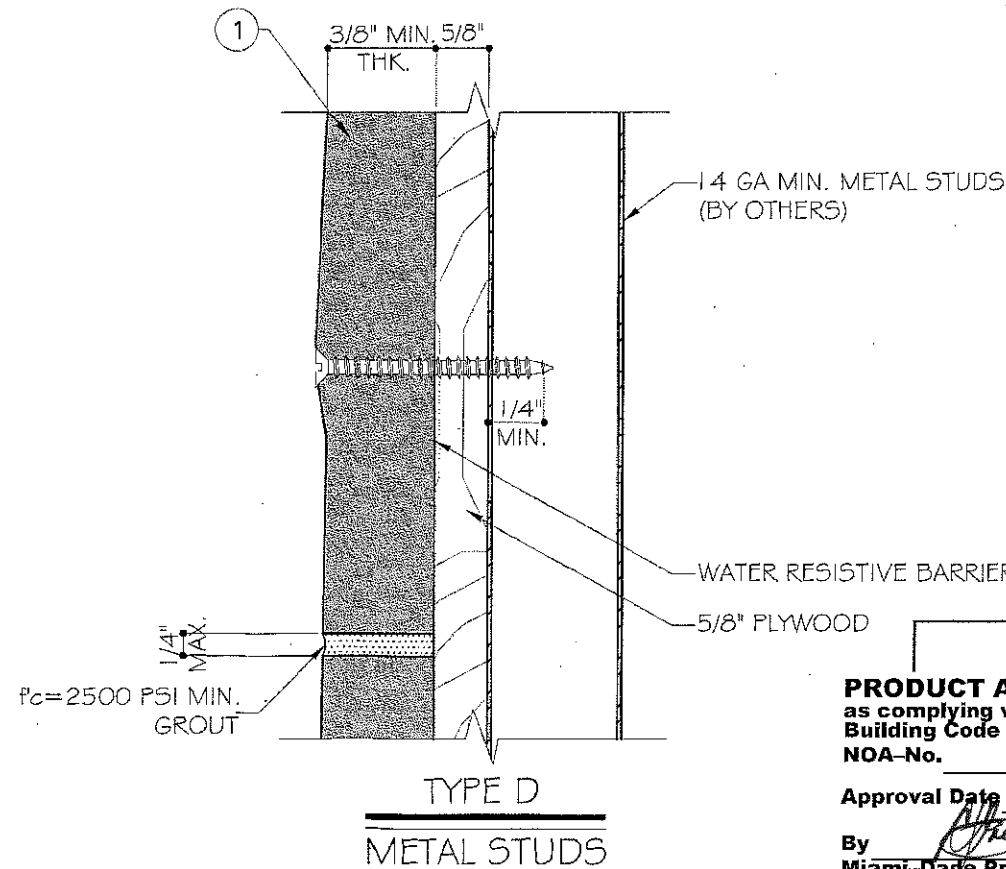
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PROJECT	15-108
DRAWING NO. AD15-61	
4 OF 5	



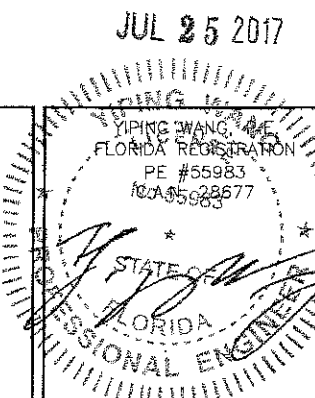
#	PROFILE
1	ALTOS
2	LADRILLO
3	BERMEJA
4	CARAVISTA

TYPICAL ANCHORS:

- TYPE "A":** #14 WOOD SCREW OR LAG SCREW (GRADE 2 CRS) THRU 5/8" PLYWOOD, DIRECTLY INTO 2 BY WOOD BUCK FRAME OR WOOD STRUCTURES, G=0.55 MIN. 1-1/4" MIN. EMBED.
- TYPE "B":** 1/4" DIA. 'ITW' TAPCON (Fu=120 KSI, Fy=92 KSI) OR 1/4" 'ELCO' ULTRACON (Fu=177 KSI, Fy=155 KSI) INTO Pc=3000 PSI MIN. CONCRETE 1-1/4" MIN. EMBED. 1-1/4" MIN. EDGE DIST.
- TYPE "C":** 1/4" DIA. 'ELCO' ULTRACON (Fu=177 KSI, Fy=155 KSI) INTO HOLLOW BLOCK OR GROUT FILLED BLOCK fm=2000 PSI MIN. 1-1/4" MIN. EMBED. 1-1/4" MIN. EDGE DIST.
- TYPE "D":** 1/4" SMS (Fu=74 KSI, Fy= 57 KSI) OR 1/4" TEKS SCREW, GRADE 5 (Fu=120 KSI, Fy=92 KSI) INTO 16 GA MIN. METAL STUDS OR 0.090" THK. ALUM. STRUCTURE (6063-T5 MIN.) 3/4" MIN. EDGE DIST.



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