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

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

NOTICE OF ACCEPTANCE (NOA)

Laminators, Inc.
3255 Penn Street
Hatfield, PA 19440

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: Omega-Lite® 1-Piece Tight Fit, Clip and Caulk, Rout and Return and Dry Seal Aluminum Composite Wall Panel Systems

APPROVAL DOCUMENT: Drawing No. **LAM-OL-001**, titled "Omega-Lite® ACM Wall Panels", sheets 1 through 21 of 21, dated 07/08/2015, prepared by the Laminators, Inc., signed and sealed by Christopher Bucci, P.E., 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 # 15-0409.11** and consists of this page 1, evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY APPROVED

05/01/2018

NOA No 18-0214.03
Expiration Date: August 20, 2020
Approval Date: May 10, 2018

Laminators, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS *"Submitted under NOA # 15-0409.11"*

1. Drawing **LAM-OL-001**, titled "Omega-Lite® ACM Wall Panels", sheets 1 through 21 of 21, dated 07/08/2015, prepared by the Laminators, Inc., signed and sealed by Christopher Bucci, P.E.

B. TESTS *"Submitted under NOA # 15-0409.11"*

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
   4) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of Omega-Lite 1-Piece Tight Fit Installation System, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E2577.01-109-18**, dated 02/20/2015, signed and sealed by Michael D. Stremmel, P.E.
2. 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
   4) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of Omega-Lite Clip and Caulk Installation System, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E2639.01-109-18**, dated 02/20/2015, signed and sealed by Michael D. Stremmel, P.E.
3. 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
   4) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of Omega-Lite Rout and Return Installation System, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E2647.01-109-18**, dated 02/20/2015, signed and sealed by Michael D. Stremmel, P.E.
4. 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
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of Omega-Lite Dry Seal Installation System, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E2648.01-109-18**, dated 02/20/2015, signed and sealed by Michael D. Stremmel, P.E.

05/01/2018

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 18-0214.03
Expiration Date: August 20, 2020
Approval Date: May 10, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (Cont.) ***"Submitted under NOA # 15-0409.11"***

5. Test report on 1) Evaluation of Painted or Coated Specimens per ASTM D 1654-08
2) Modified Salt Spray (Fog) Testing per ASTM G 85-11
3) Tension Testing of Metallic Materials per ASTM E 8-13a
4) Ignition Temperature of Plastics per ASTM D 1929-96
5) Rate of Burning of Plastics per ASTM D 635-06
of Omega-Lite ACM Panels, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E2577.03-106-18**, dated 03/16/2015, signed and sealed by Michael D. Stremmel, P.E.

6. Test report on Surface Burning Characteristics of Building Materials per ASTM E 84-07 of the Aluminum Composite Material, prepared by Intertek/Architectural Testing, Inc., Test Report No. **E2577.02-121-18**, dated 01/22/2015, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS ***"Submitted under NOA # 15-0409.11"***

1. Structural calculations prepared by Laminators, Inc., dated 03/17/2015, signed and sealed by Christopher Bucci, P.E.

D. MATERIAL CERTIFICATIONS ***"Submitted under NOA # 15-0409.11"***

1. Technical data sheet of Henry Air-Bloc® 31MR Fluid Applied, Vapor Permeable Air and Water Barrier Membrane, revised on 04/11/2013.

E. QUALITY ASSURANCE

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

F. STATEMENTS ***"Submitted under NOA # 15-0409.11"***

1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Laminators, Inc., dated 07/07/2015, signed and sealed by Christopher Bucci, P.E.

2. Statement letter of no financial interest letter issued by Laminators, Inc., dated 02/20/2015, signed and sealed by Christopher Bucci, P.E.

05/01/2018

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 18-0214.03
Expiration Date: August 20, 2020
Approval Date: May 10, 2018

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS ***"Submitted under NOA # 15-0409.11"***

1. Drawing No. **LAM-OL-001**, titled "Omega-Lite® ACM Wall Panels", sheets 1 through 21 of 21, dated 07/08/2015, prepared by the Laminators, Inc., signed and sealed by Christopher Bucci, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

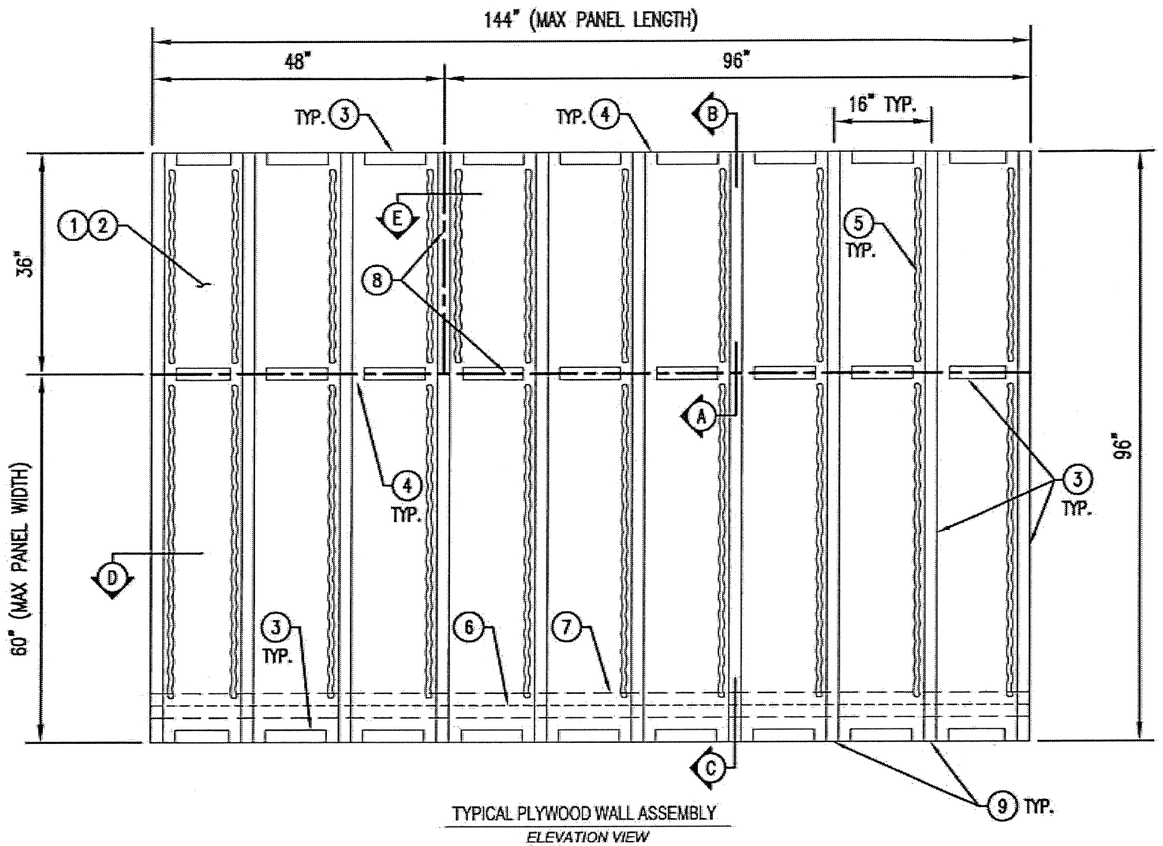
1. None.

F. STATEMENTS

1. Statement letter of code conformance to **FBC 6th Edition (2017)**, and of no financial interest, dated January 31, 2018, issued by the Laminators, Inc., signed and sealed by Christopher Bucci, P.E.

05/01/2018

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 18-0214.03
Expiration Date: August 20, 2020
Approval Date: May 10, 2018



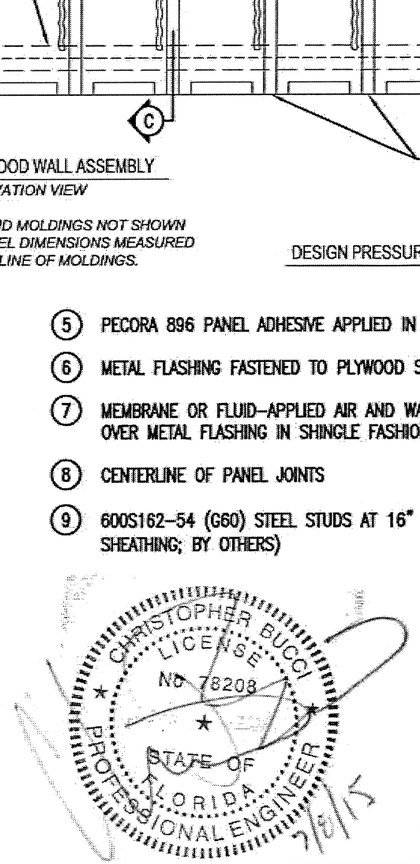
TYPICAL PLYWOOD WALL ASSEMBLY
ELEVATION VIEW

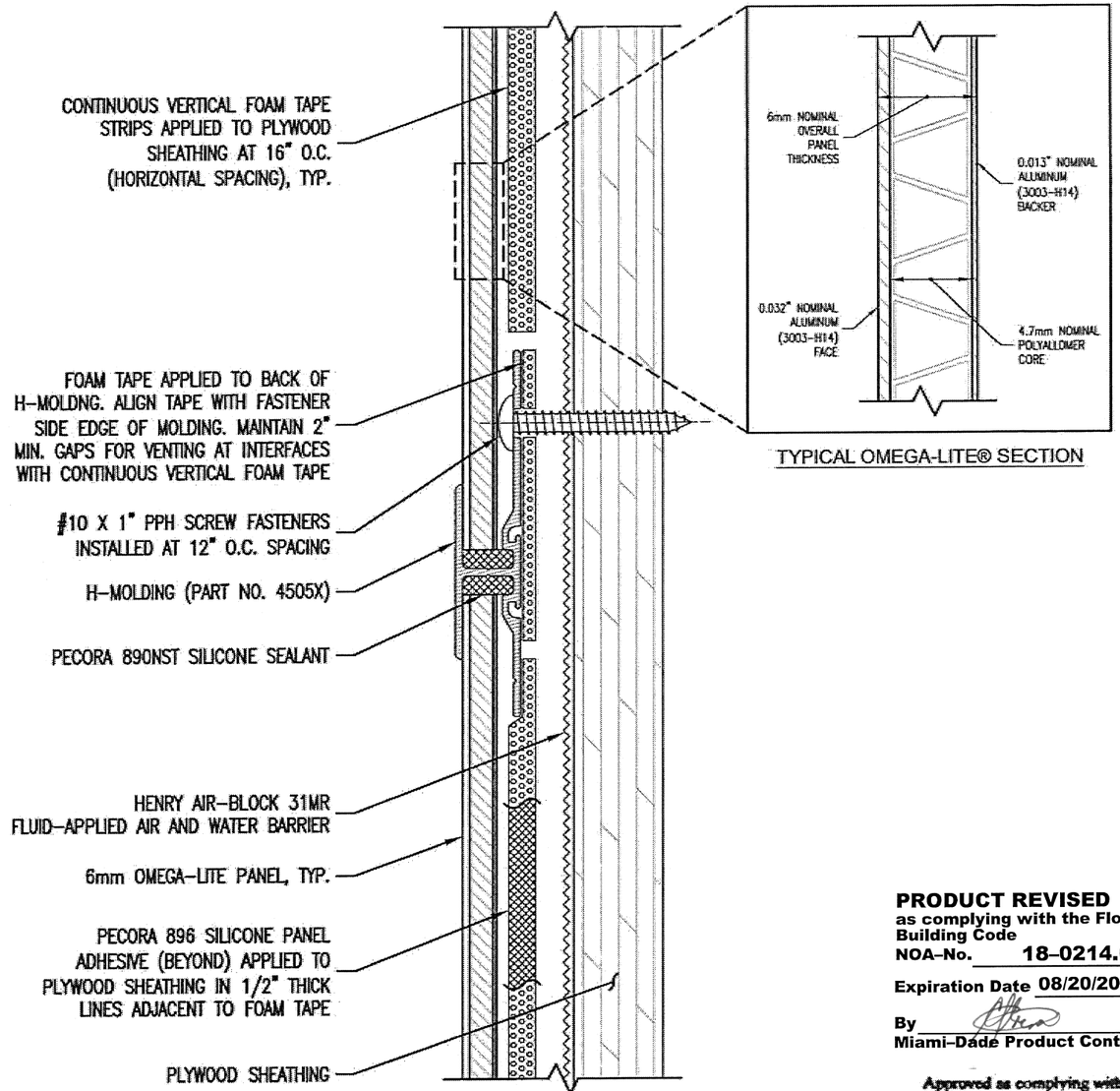
NOTE: PANELS AND MOLDINGS NOT SHOWN FOR CLARITY. PANEL DIMENSIONS MEASURED TO CENTERLINE OF MOLDINGS.

DESIGN PRESSURE: ±120.0 PSF

1. 5/8" PLYWOOD SHEATHING FASTENED TO STUDS WITH #10 SCREWS AT 6" O.C.
2. HENRY AIR–BLOC 31MR FLUID–APPLIED AIR AND WATER BARRIER
3. 2" WIDE x 3/16" THICK, 7 LB DENSITY, CLOSED–CELL PVC FOAM TAPE (GASKA TAPE OR EQUIVALENT) APPLIED TO PLYWOOD SHEATHING
4. 2" WIDE GAPS FOR VENTING AT HORIZONTAL TO VERTICAL FOAM TAPE INTERFACES (VERTICAL FOAM TAPE TO BE CONTINUOUS FOR FULL HEIGHT OF WALL)
5. PECORA 896 PANEL ADHESIVE APPLIED IN 1/2" THICK LINES
6. METAL FLASHING FASTENED TO PLYWOOD SHEATHING
7. MEMBRANE OR FLUID–APPLIED AIR AND WATER BARRIER TO LAP OVER METAL FLASHING IN SHINGLE FASHION
8. CENTERLINE OF PANEL JOINTS
9. 600S162–54 (G60) STEEL STUDS AT 16" O.C. (BEHIND SHEATHING; BY OTHERS)

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY





TYPICAL OMEGA-LITE® SECTION

SECTION A
TYPICAL VERTICAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0429.11
Miami Dade Product Control
By

File Name: MiamiDade_LAM-OL-001

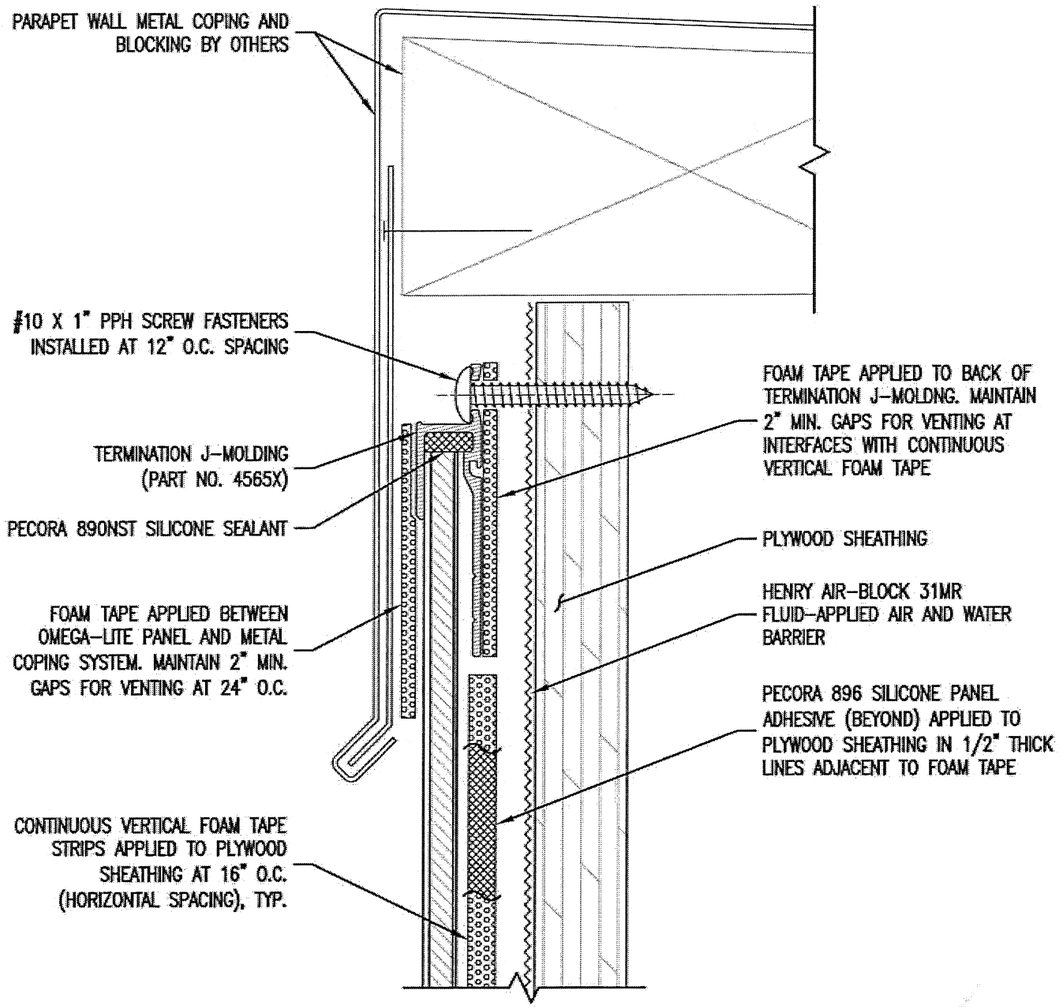
REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

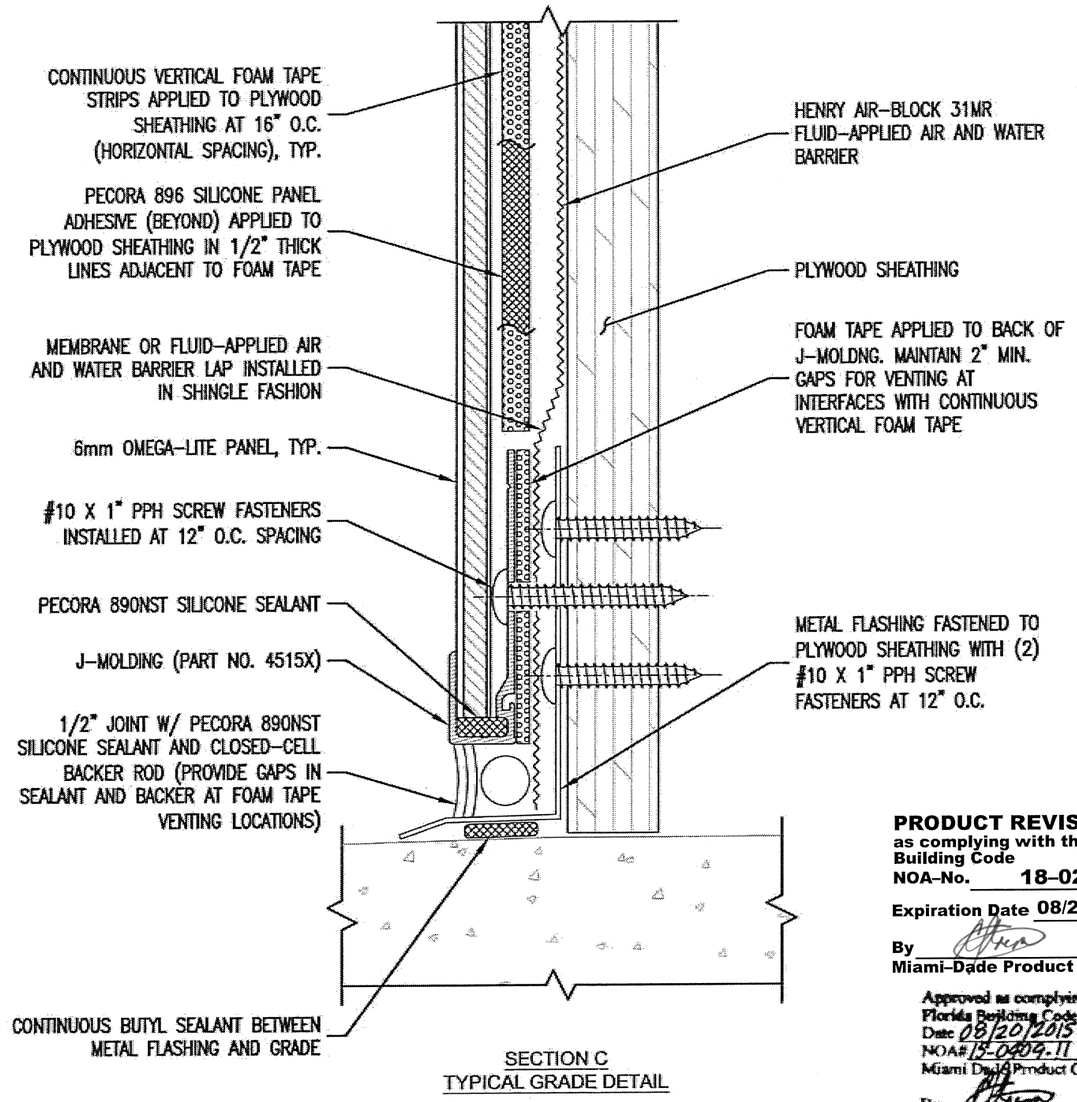
OMEGA-LITE® ACM WALL PANELS

1-PIECE TIGHT FIT INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
07/08/2015	JJM	LAM-OL-001	1 OF 21



SECTION B
TYPICAL TOP OF WALL DETAIL



SECTION C
TYPICAL GRADE DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

CHRISTOPHER BUCCI LICENSE No. 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/8/15

File Name: MiamiDade_LAM-OL-001

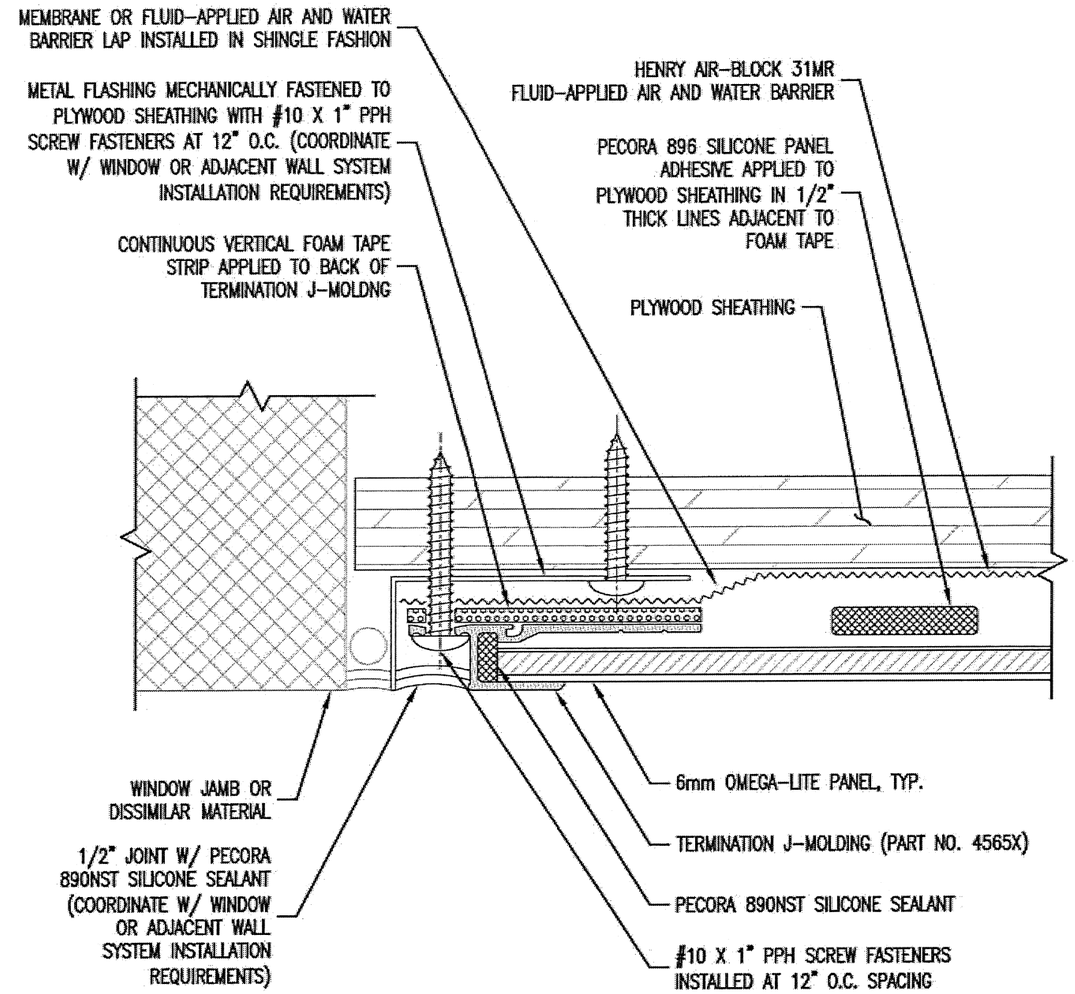
REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

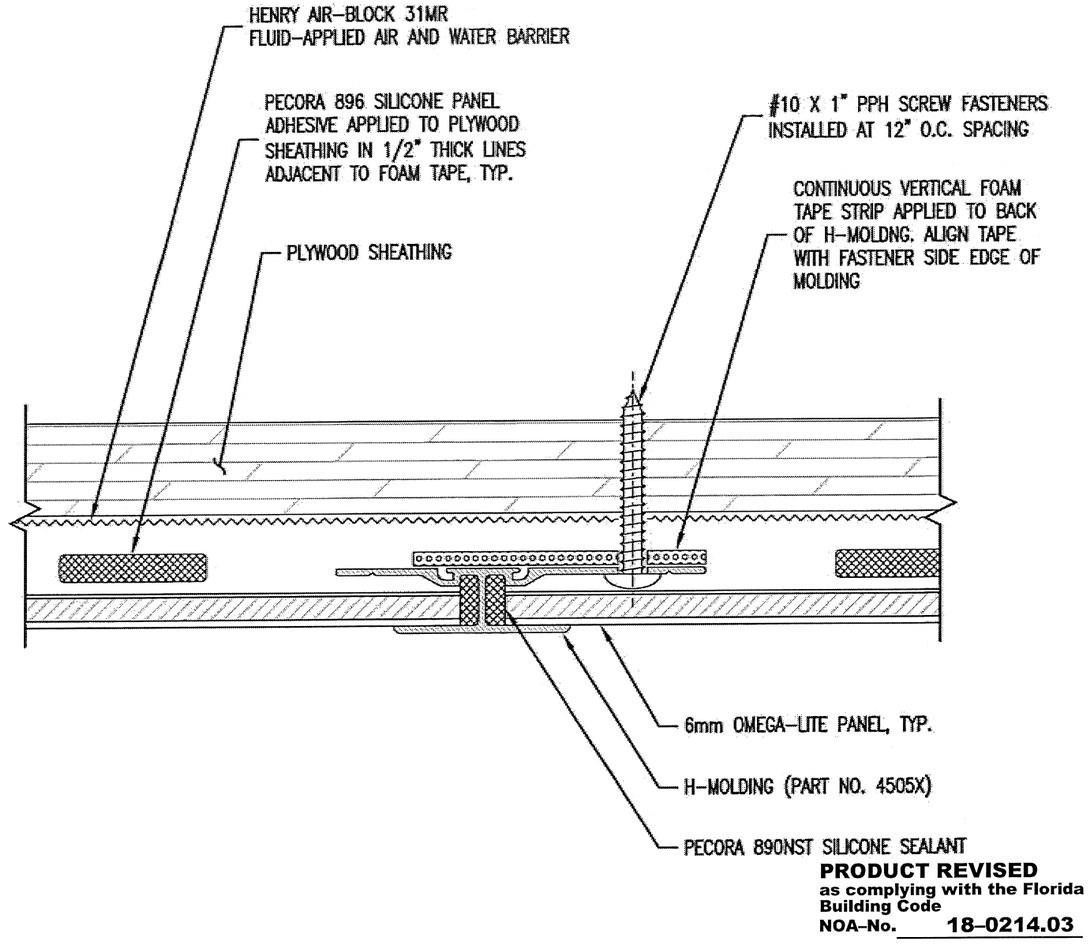
OMEGA-LITE® ACM WALL PANELS

1-PIECE TIGHT FIT INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
07/08/2015	JJM	LAM-OL-001	2 OF 21



SECTION D
TYPICAL END OF RUN DETAIL



SECTION E
TYPICAL HORIZONTAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

CHRISTOPHER BUCCI LICENSE No 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/9/15

File Name: MiamiDade_LAM-OL-001

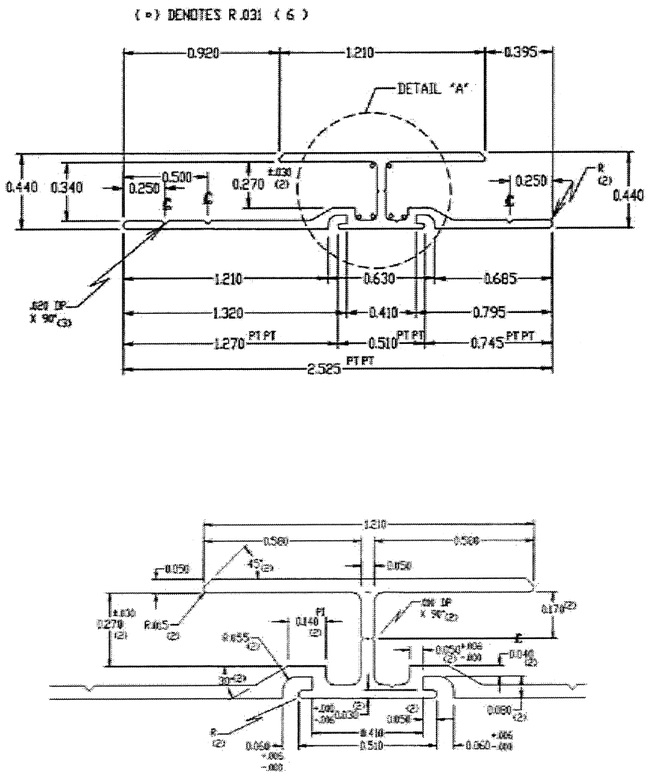
REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

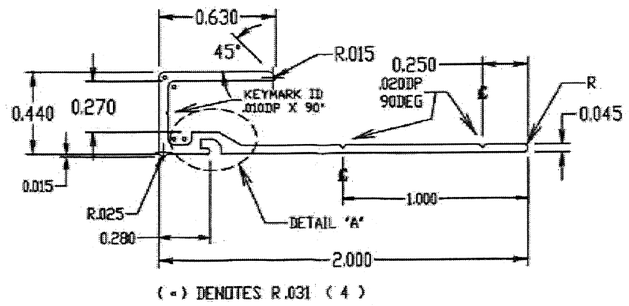
OMEGA-LITE® ACM WALL PANELS

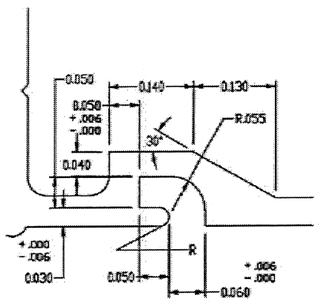
1-PIECE TIGHT FIT INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
07/08/2015	JJM	LAM-OL-001	3 OF 21

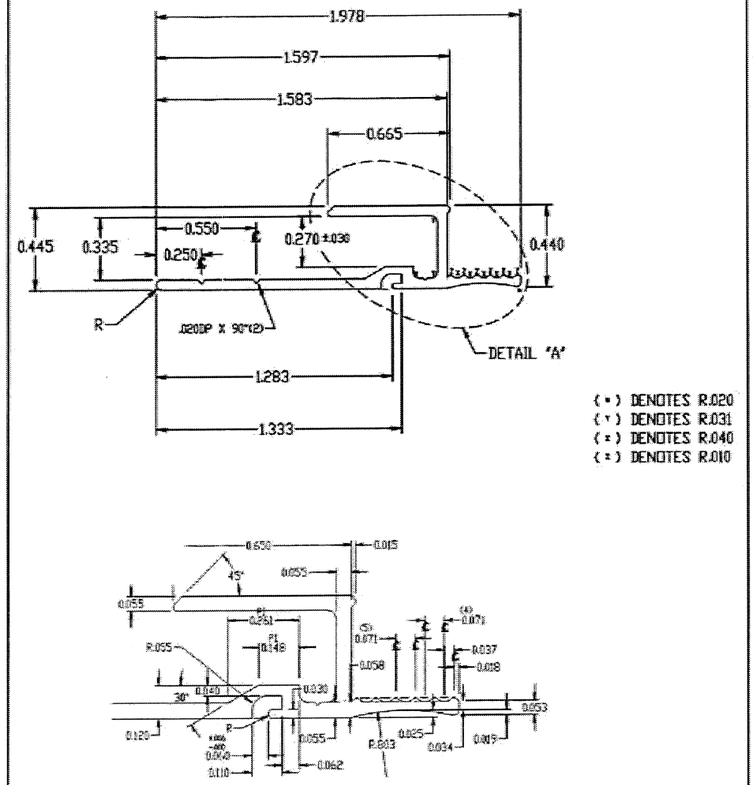


DETAIL "A" - ENLARGED VIEW





DETAIL "A" - ENLARGED VIEW



DETAIL "A" - ENLARGED VIEW

H-MOLDING
PART NO. 4505X
ALUMINUM: 6063-T4

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE

J-MOLDING
PART NO. 4515X
ALUMINUM: 6063-T4

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE

TERMINATION J-MOLDING
PART NO. 4565X
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .060
3. NOT DRAWN TO SCALE

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/27/15

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

OMEGA-LITE® ACM WALL PANELS
1-PIECE TIGHT FIT INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
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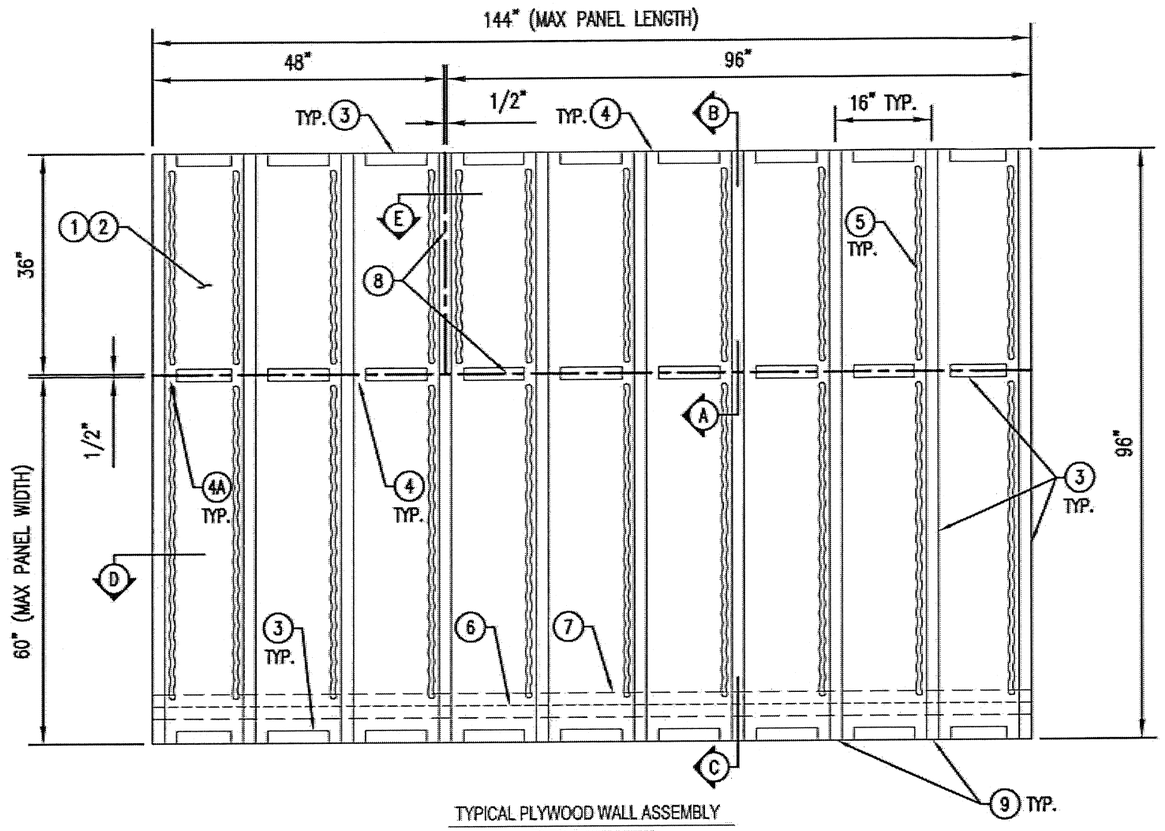


TYPICAL PLYWOOD WALL ASSEMBLY
ELEVATION VIEW

NOTE: PANELS AND MOLDINGS NOT SHOWN FOR CLARITY. PANEL DIMENSIONS ARE NOMINAL.

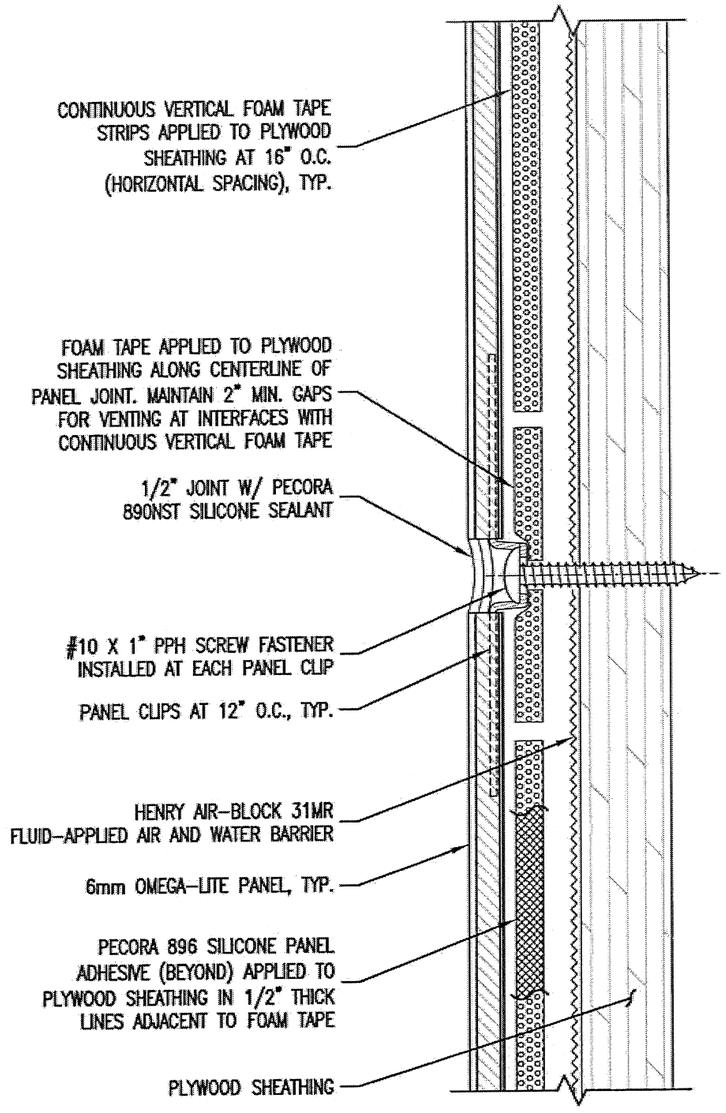
DESIGN PRESSURE: ±120.0 PSF

1. 5/8" PLYWOOD SHEATHING FASTENED TO STUDS WITH #10 SCREWS AT 6" O.C.
2. HENRY AIR–BLOC 31MR FLUID–APPLIED AIR AND WATER BARRIER
3. 2" WIDE x 3/16" THICK, 7 LB DENSITY, CLOSED–CELL PVC FOAM TAPE (GASKA TAPE OR EQUIVALENT) APPLIED TO PLYWOOD SHEATHING
4. 2" WIDE GAPS FOR VENTING AT HORIZONTAL TO VERTICAL FOAM TAPE INTERFACES (VERTICAL FOAM TAPE TO BE CONTINUOUS FOR FULL HEIGHT OF WALL)
4A. APPLY MASKING TAPE OVER ALL FOAM TAPE GAPS TO MAINTAIN SUBSTRATE DEPTH FOR SEALANT JOINT INSTALLATION
5. PECORA 896 PANEL ADHESIVE APPLIED IN 1/2" THICK LINES
6. METAL FLASHING FASTENED TO PLYWOOD SHEATHING
7. MEMBRANE OR FLUID–APPLIED AIR AND WATER BARRIER TO LAP OVER METAL FLASHING IN SHINGLE FASHION
8. CENTERLINE OF PANEL JOINTS
9. 600S162–54 (G60) STEEL STUDS AT 16" O.C. (BEHIND SHEATHING; BY OTHERS)

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/8/15



SECTION A
TYPICAL VERTICAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

File Name: MiamiDade_LAM-OL-001

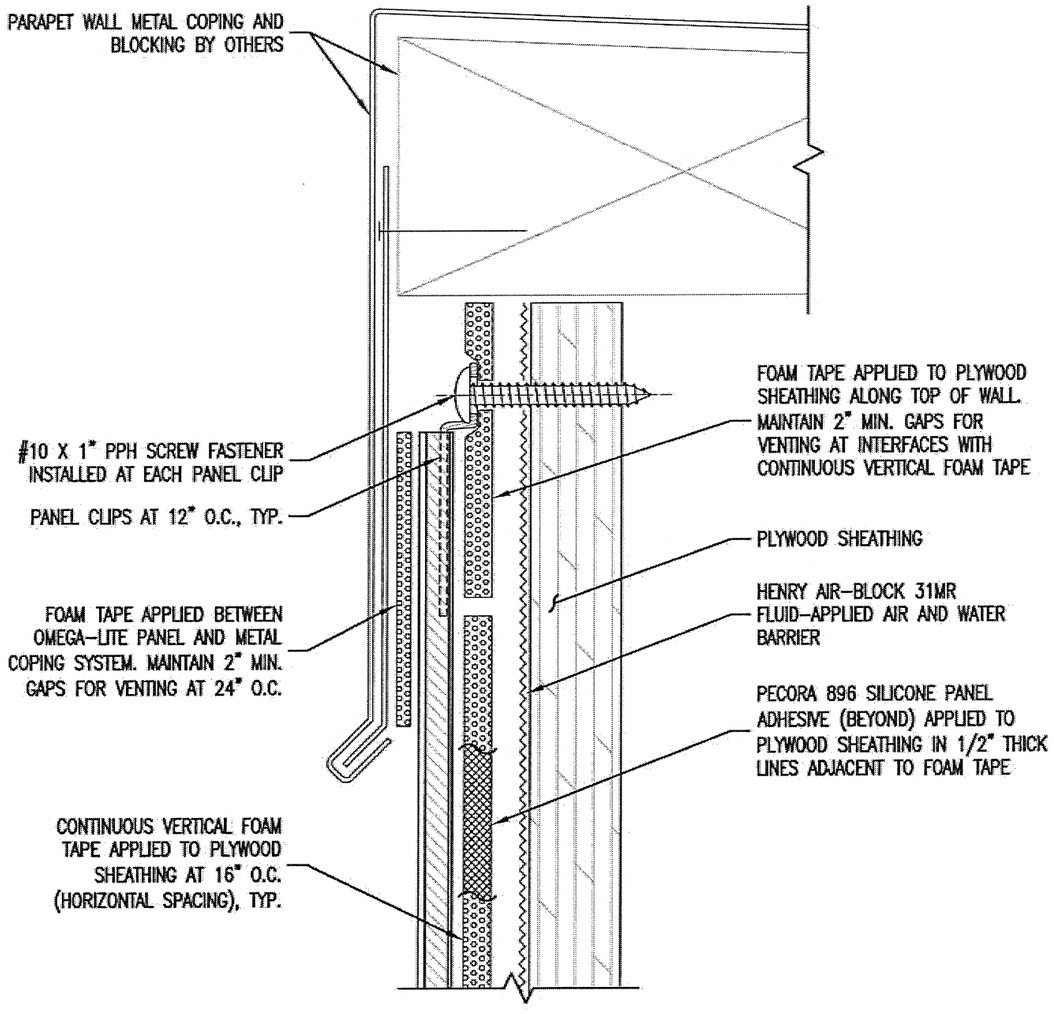
REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

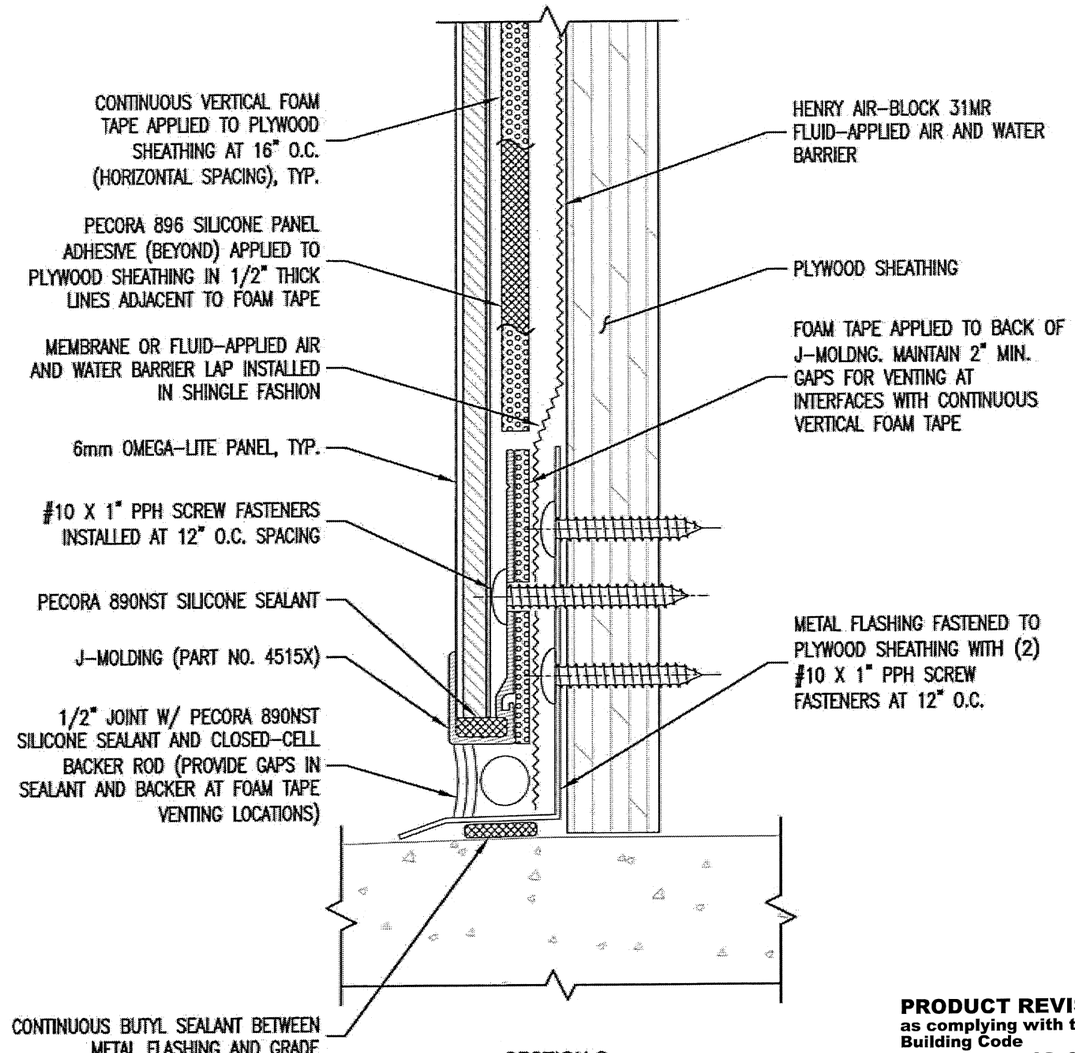
OMEGA-LITE® ACM WALL PANELS

CLIP AND CAULK INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
07/08/2015	JJM	LAM-OL-001	5 OF 21



SECTION B
TYPICAL TOP OF WALL DETAIL



SECTION C
TYPICAL GRADE DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI
LICENSE
No 78208
STATE OF FLORIDA
PROFESSIONAL ENGINEER
7/9/15

File Name: MiamiDade_LAM-OL-001

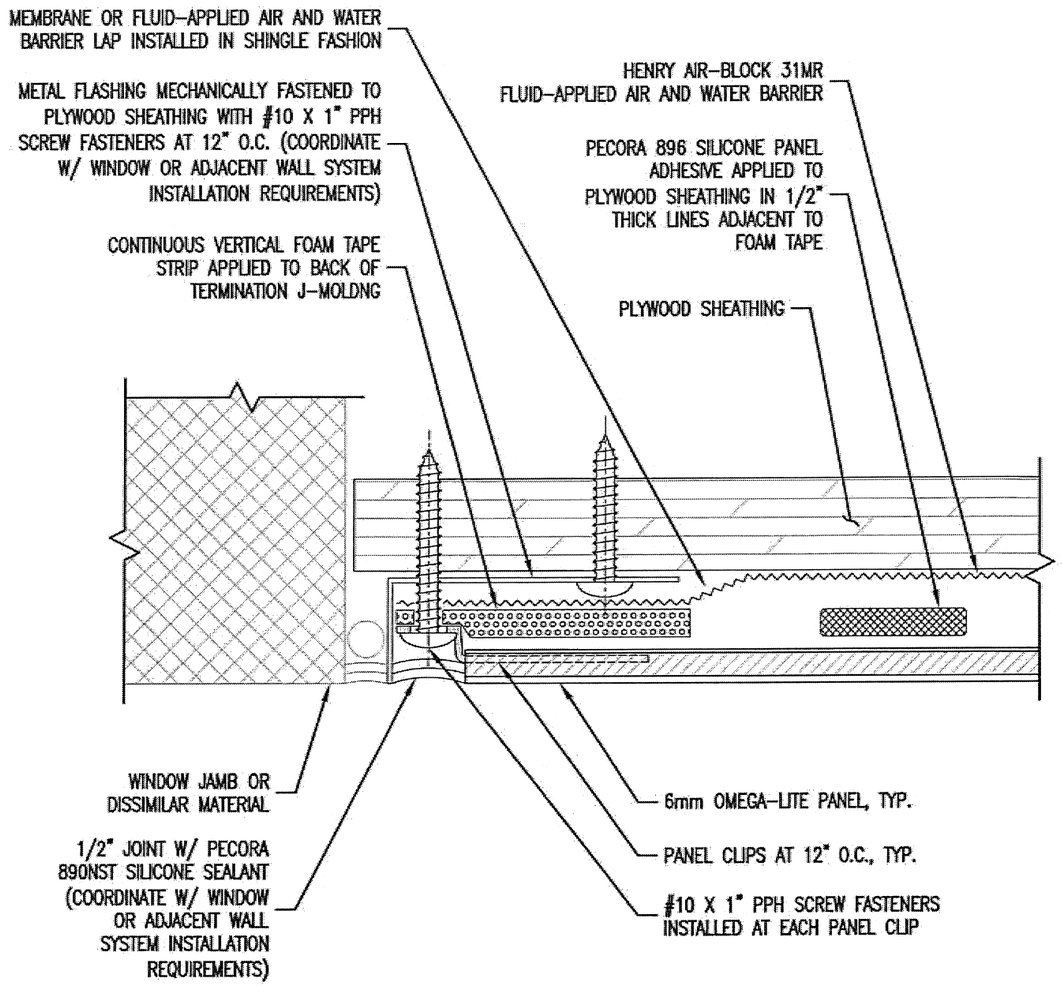
REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

OMEGA-LITE® ACM WALL PANELS

CLIP AND CAULK INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
07/08/2015	JJM	LAM-OL-001	6 OF 21

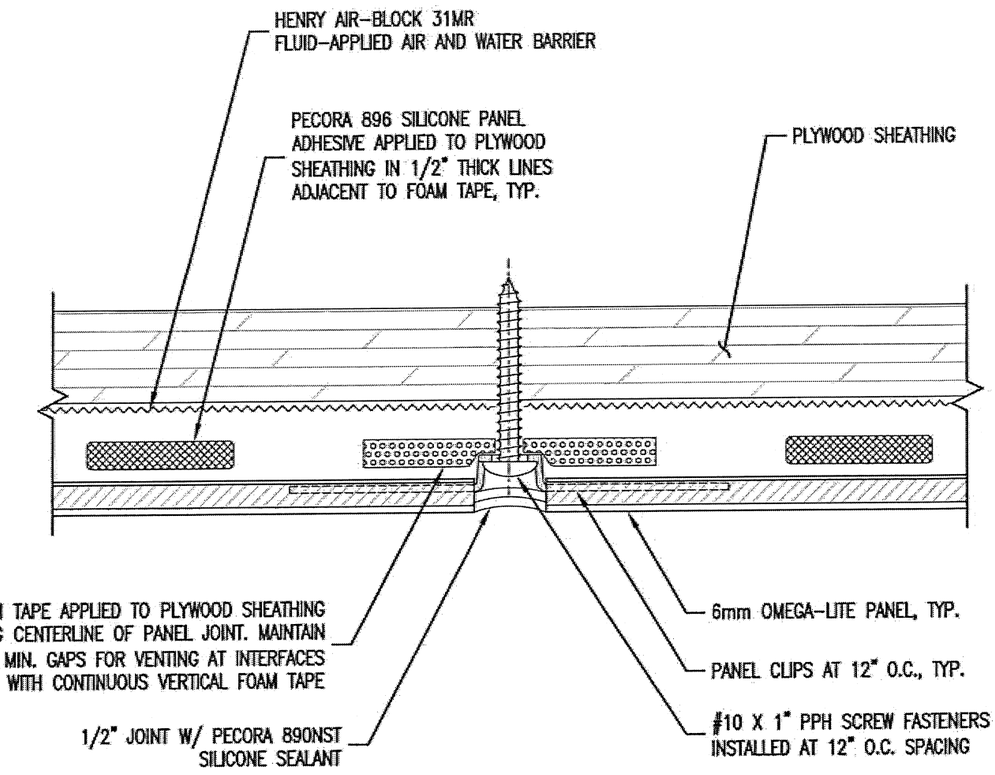


SECTION D
TYPICAL END OF RUN DETAIL

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0429.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No. 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/8/15



SECTION E
TYPICAL HORIZONTAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
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www.LaminatorsInc.com 877.OMEGA.77

OMEGA-LITE® ACM WALL PANELS
CLIP AND CAULK INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

Date:	Drawn By:	Dwg. No.:	Page:
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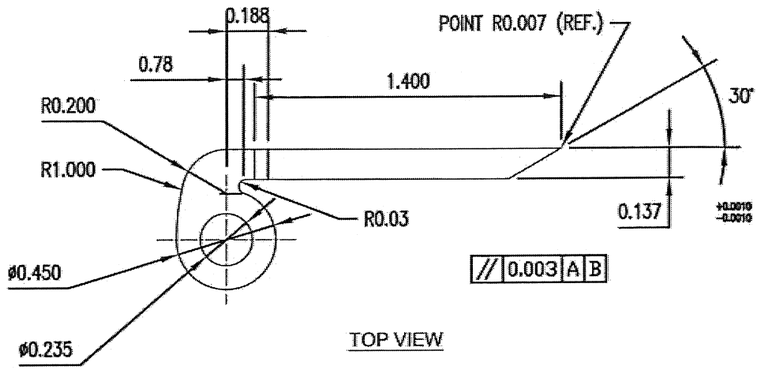
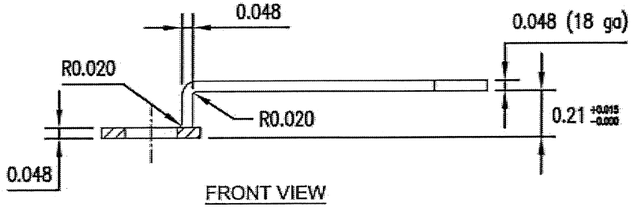
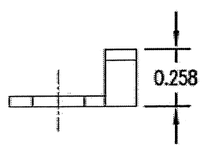


TOP VIEW

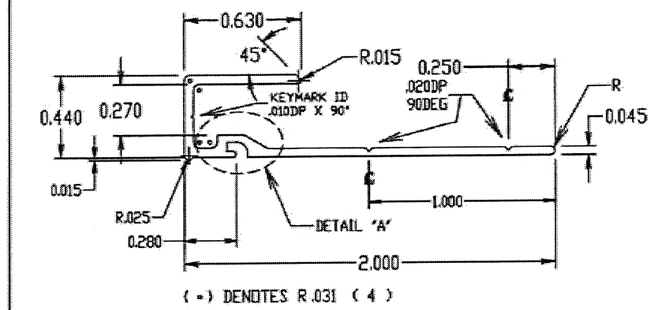


FRONT VIEW

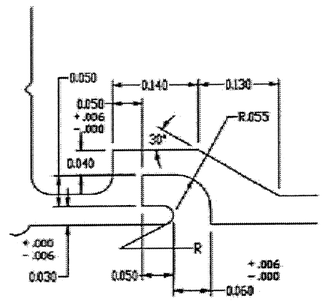


SIDE VIEW

PANEL CLIP
PART NO. 50299FLAT
STEEL: 304 SS, $F_{y\,min}$ = 31.2 ksi)



(-) DENOTES R.031 (4)



DETAIL "A" - ENLARGED VIEW

J-MOLDING
PART NO. 4515X
ALUMINUM: 6063-T4

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE

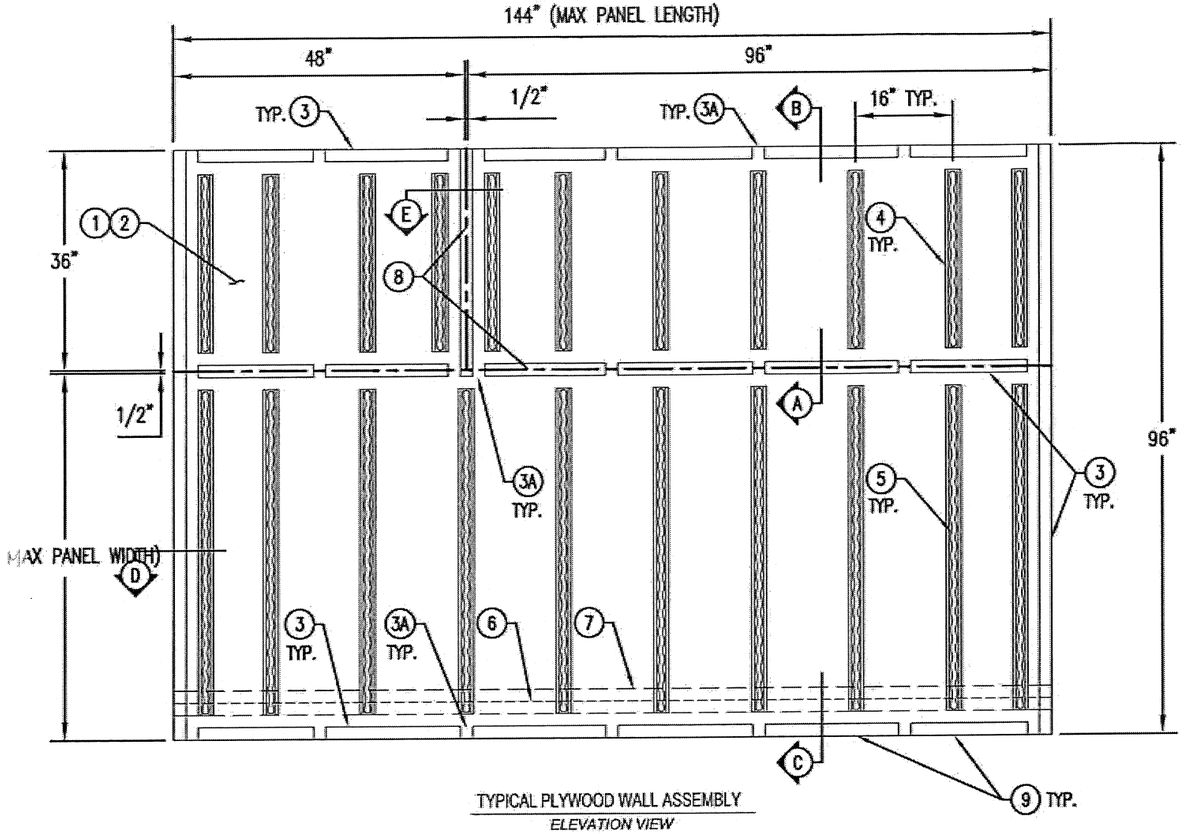
PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI
LICENSE
No. 78208
STATE OF FLORIDA
PROFESSIONAL ENGINEER
7/8/15

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015	OMEGA PANEL PRODUCTS Ω LAMINATORS INC. www.LaminatorsInc.com 877.OMEGA.77	OMEGA-LITE® ACM WALL PANELS CLIP AND CAULK INSTALLATION SYSTEM OVER PLYWOOD SHEATHING			
		Date: 07/08/2015	Drawn By: JJM	Dwg. No.: LAM-OL-001	Page: 8 OF 21



TYPICAL PLYWOOD WALL ASSEMBLY
ELEVATION VIEW

NOTE: PANELS NOT SHOWN FOR CLARITY. PANEL DIMENSIONS ARE NOMINAL.

DESIGN PRESSURE: ±120.0 PSF

(1) 5/8" PLYWOOD SHEATHING FASTENED TO STUDS WITH #10 SCREWS AT 6" O.C.

(2) HENRY AIR-BLOC 31MR FLUID-APPLIED AIR AND WATER BARRIER

(3) 2" WIDE x 3/16" THICK, 7 LB DENSITY, CLOSED-CELL PVC FOAM TAPE (GASKA TAPE OR EQUIVALENT) APPLIED TO PLYWOOD SHEATHING

(3A) 2" WIDE GAPS IN FOAM TAPE FOR VENTING AT 24" O.C. (HORIZONTAL SPACING) AND AT INTERFACES WITH VERTICAL FOAM TAPE; VERTICAL FOAM TAPE AT EDGES AND PANEL JOINTS TO BE CONTINUOUS

(4) 18 GA. 7/8" HAT CHANNELS INSTALLED AT 16" O.C. AND 3" FROM TOP AND BOTTOM PANEL EDGES (HATS AT PANEL SIDES INSTALLED TIGHT TO PANEL EDGE)

(5) PECORA 896 PANEL ADHESIVE APPLIED IN 1/2" THICK LINES ALONG FULL LENGTH OF HAT CHANNELS

(6) METAL FLASHING FASTENED TO PLYWOOD SHEATHING

(7) MEMBRANE OR FLUID-APPLIED AIR AND WATER BARRIER TO LAP OVER METAL FLASHING IN SHINGLE FASHION

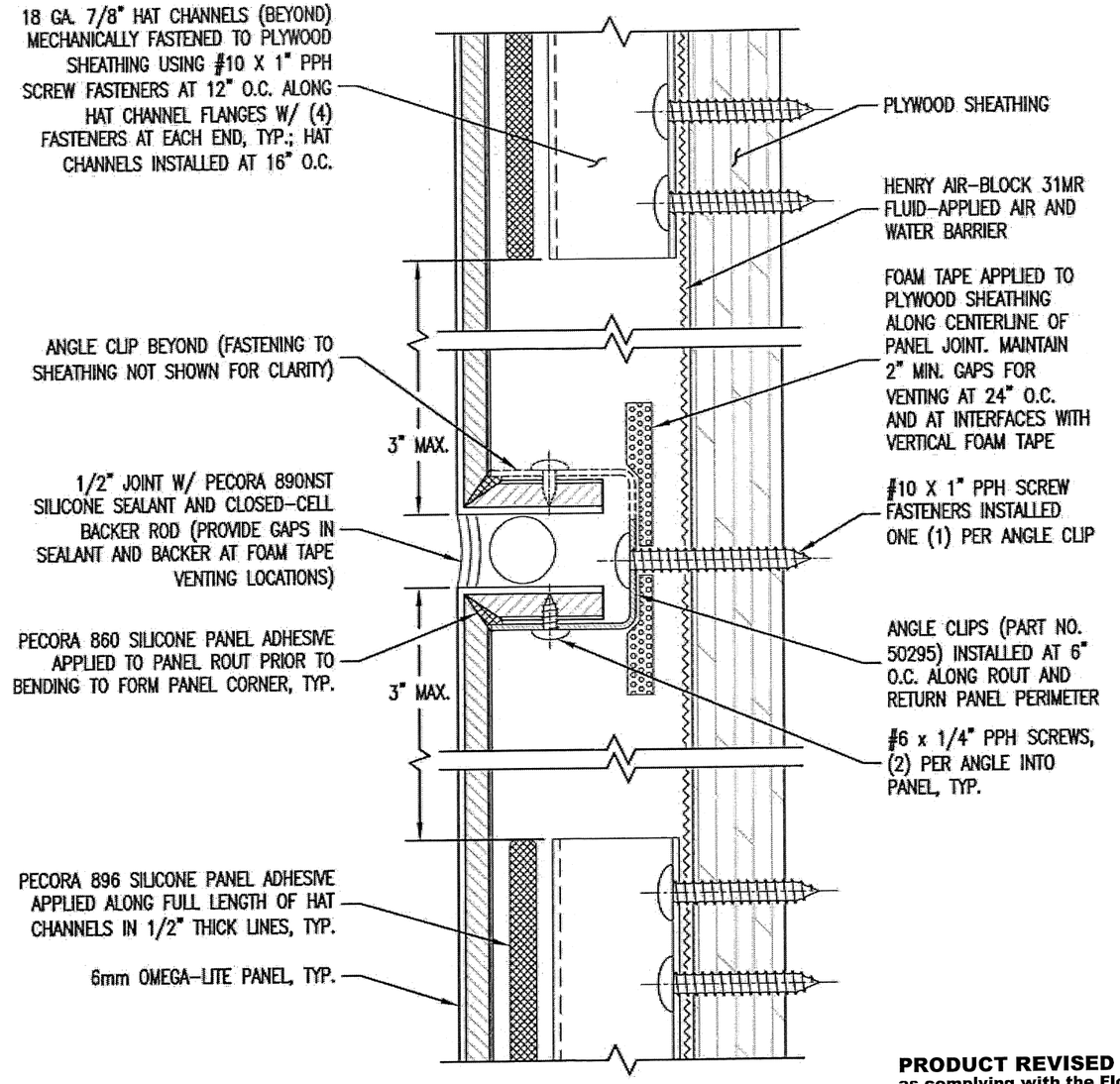
(8) CENTERLINE OF PANEL JOINTS

(9) 600S162-54 (G60) STEEL STUDS AT 16" O.C. (BEHIND SHEATHING; BY OTHERS)

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No 79208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/6/15



SECTION A
TYPICAL VERTICAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

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OMEGA-LITE® ACM WALL PANELS

ROUT AND RETURN INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

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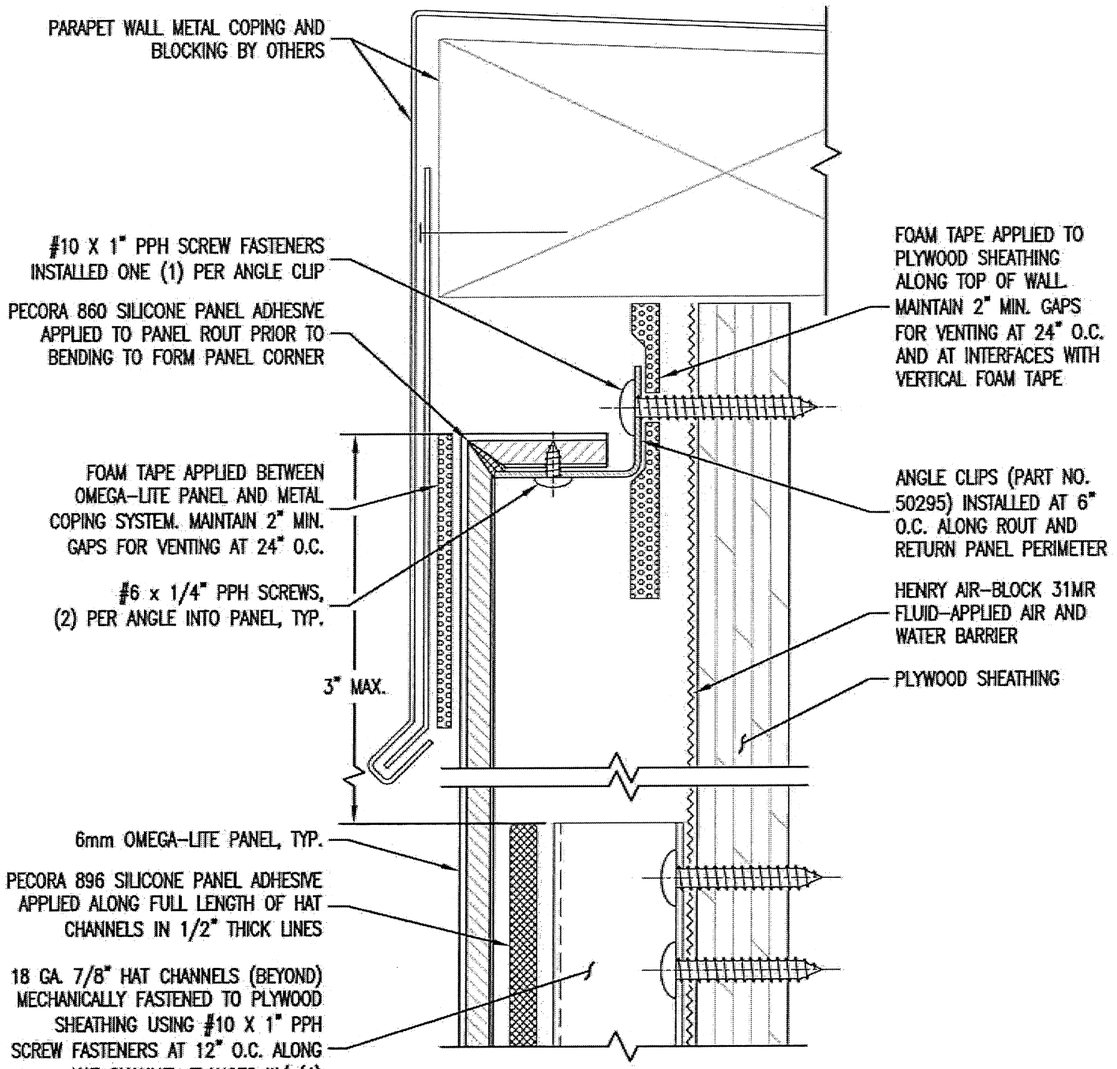
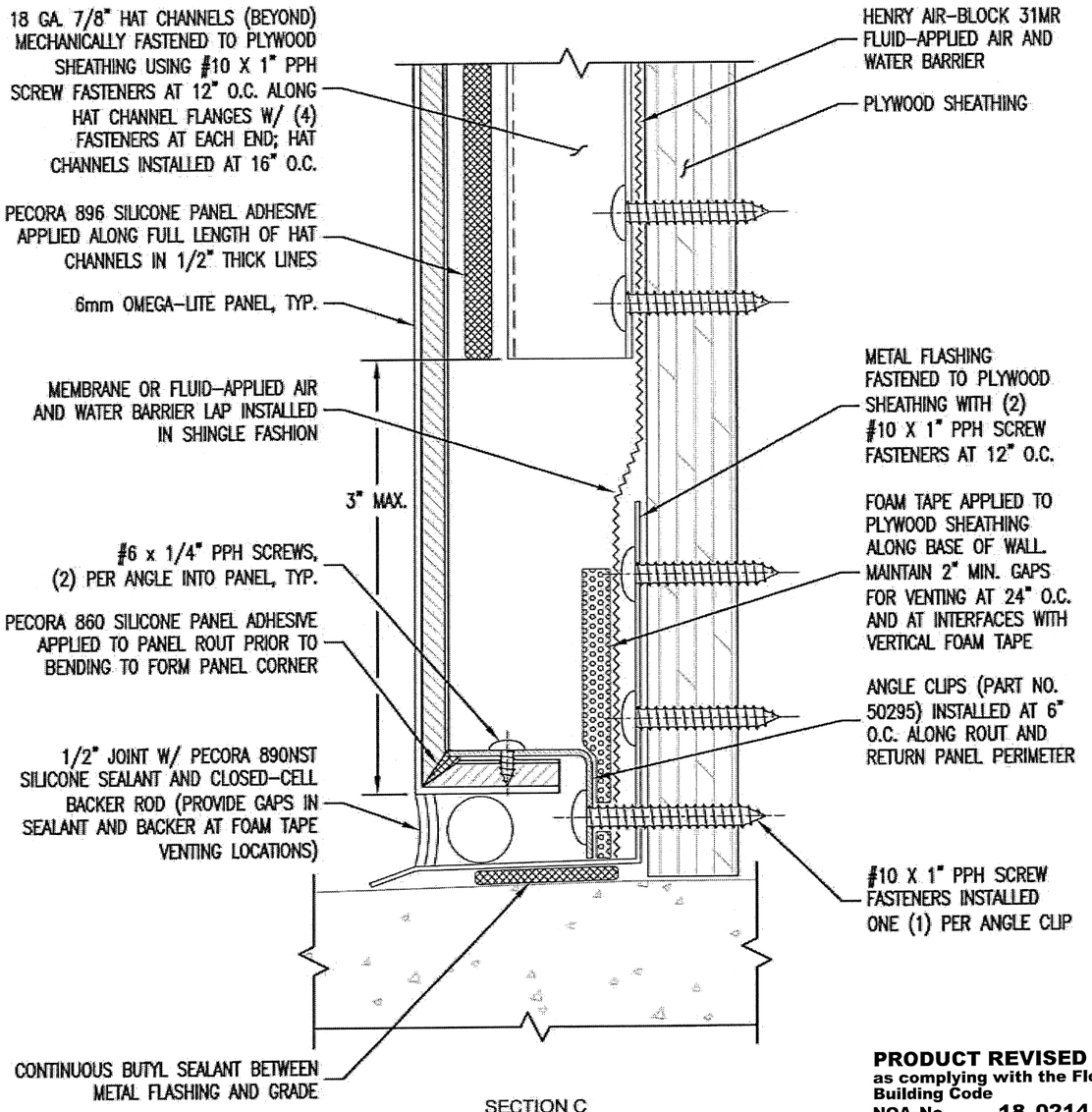


SECTION B
TYPICAL TOP OF WALL DETAIL



SECTION C
TYPICAL GRADE DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

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CHRISTOPHER BUCCI LICENSE No 76208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/8/15

REV_0: 07/08/2015

File Name: MiamiDade_LAM-OL-001

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OMEGA-LITE® ACM WALL PANELS

ROUT AND RETURN INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

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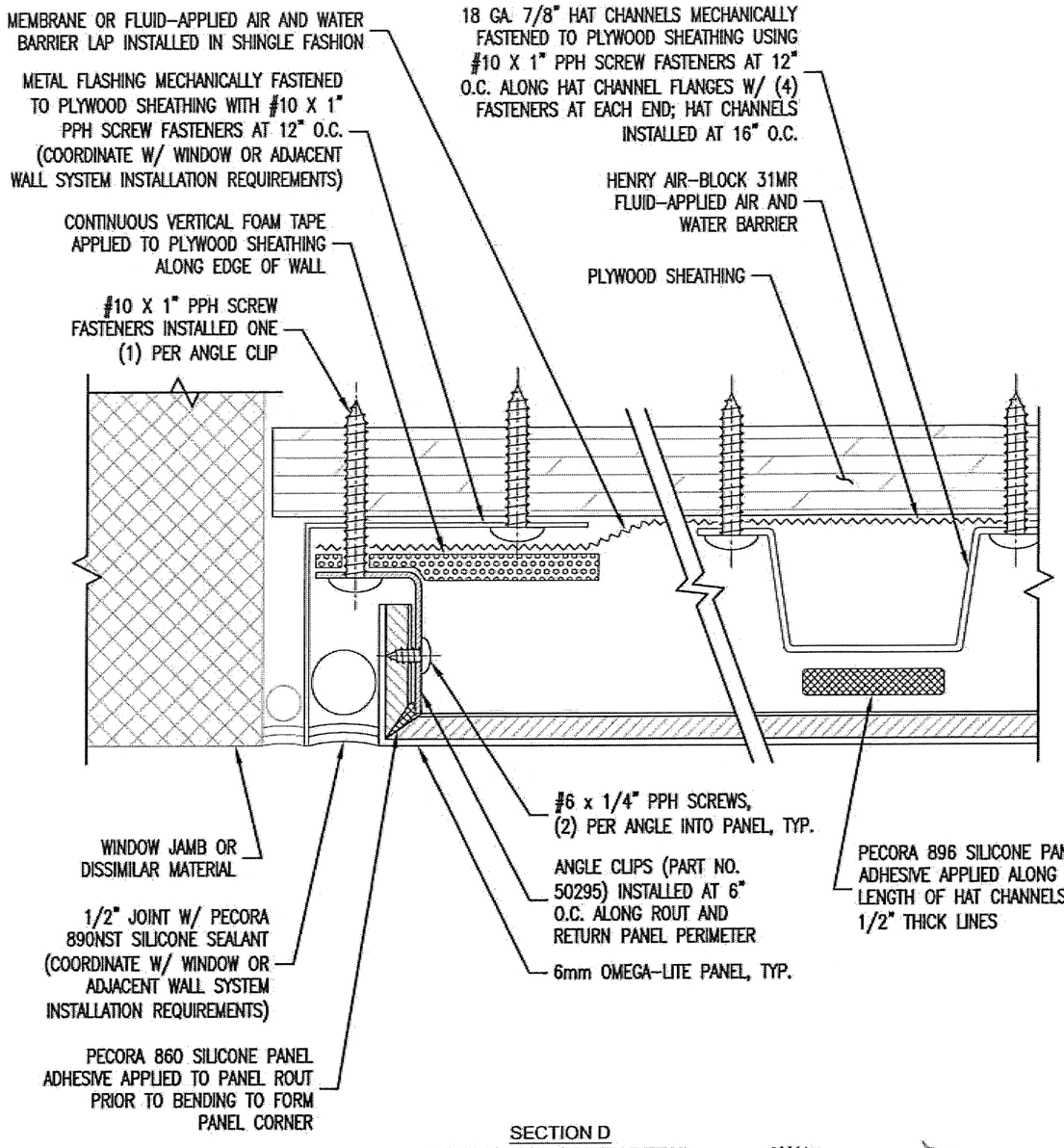
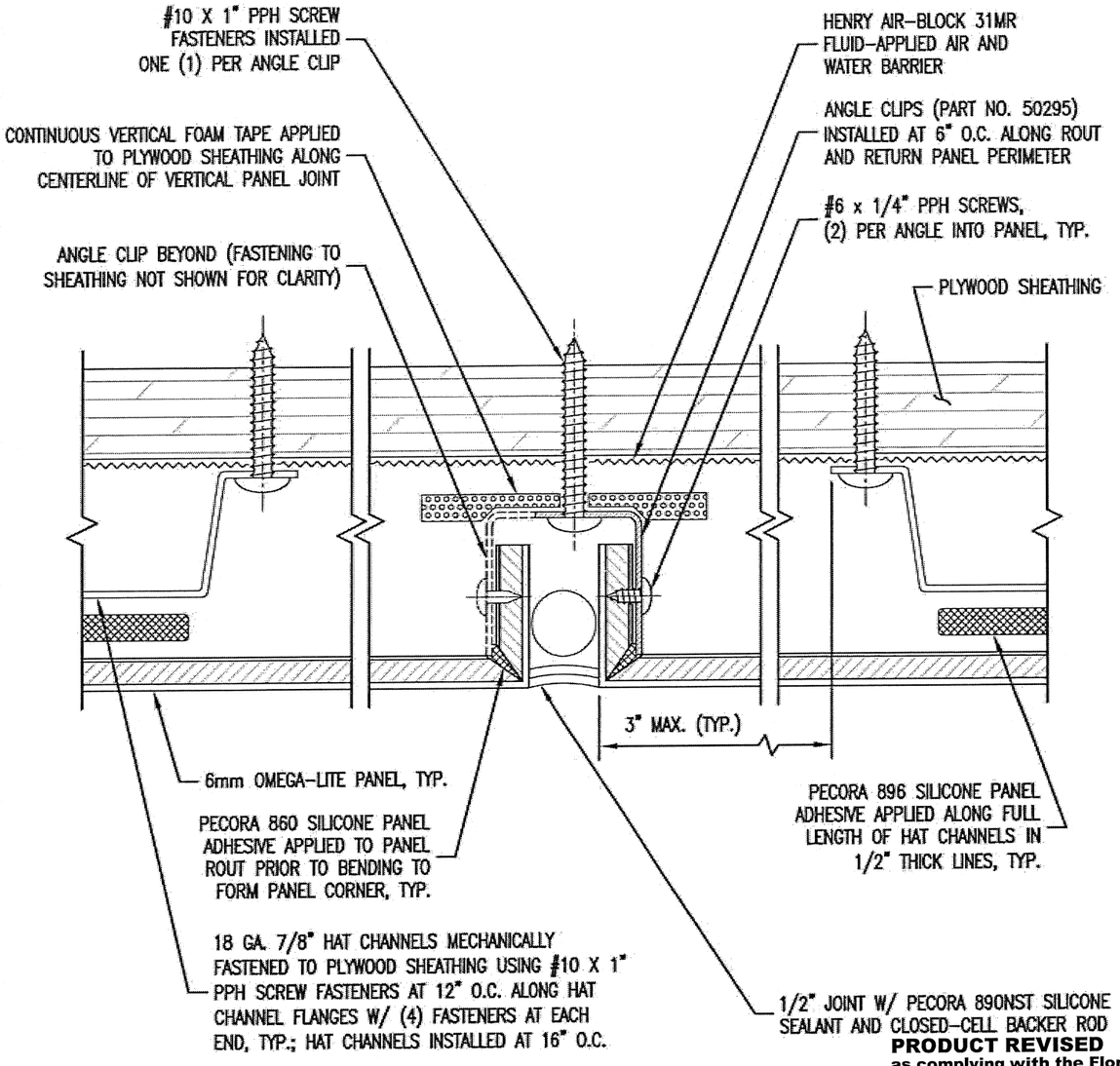


SECTION D
TYPICAL END OF RUN DETAIL



SECTION E
TYPICAL HORIZONTAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By Miami–Dade Product Control

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0404.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/8/15

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

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OMEGA-LITE® ACM WALL PANELS

ROUT AND RETURN INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

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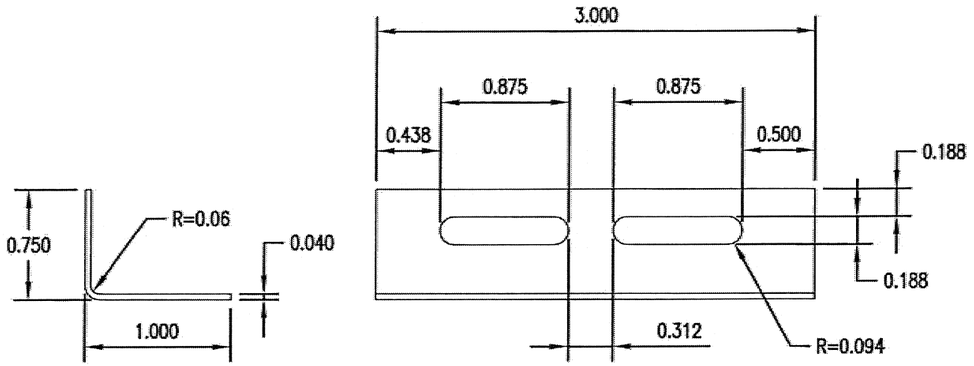
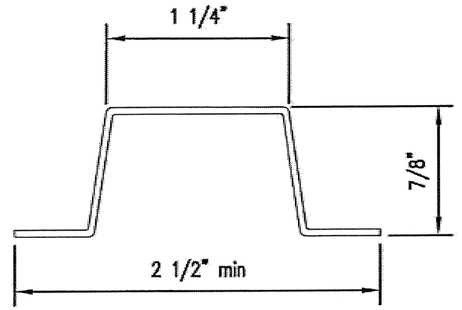


SIDE VIEW

FRONT VIEW

ANGLE CLIP
PART NO. 50295
ALUMINUM: 3003-H14



7/8" HAT CHANNEL
SSMA: 087F125-43
STEEL: A653 (G60), $F_{y\,min}$ = 33 ksi

Approved as complying with the Florida Building Code
Date 08/20/2015
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Miami Dade Product Control
By

CHRISTOPHER BUCCI
LICENSE
No. 78208
STATE OF FLORIDA
PROFESSIONAL ENGINEER
7/8/15

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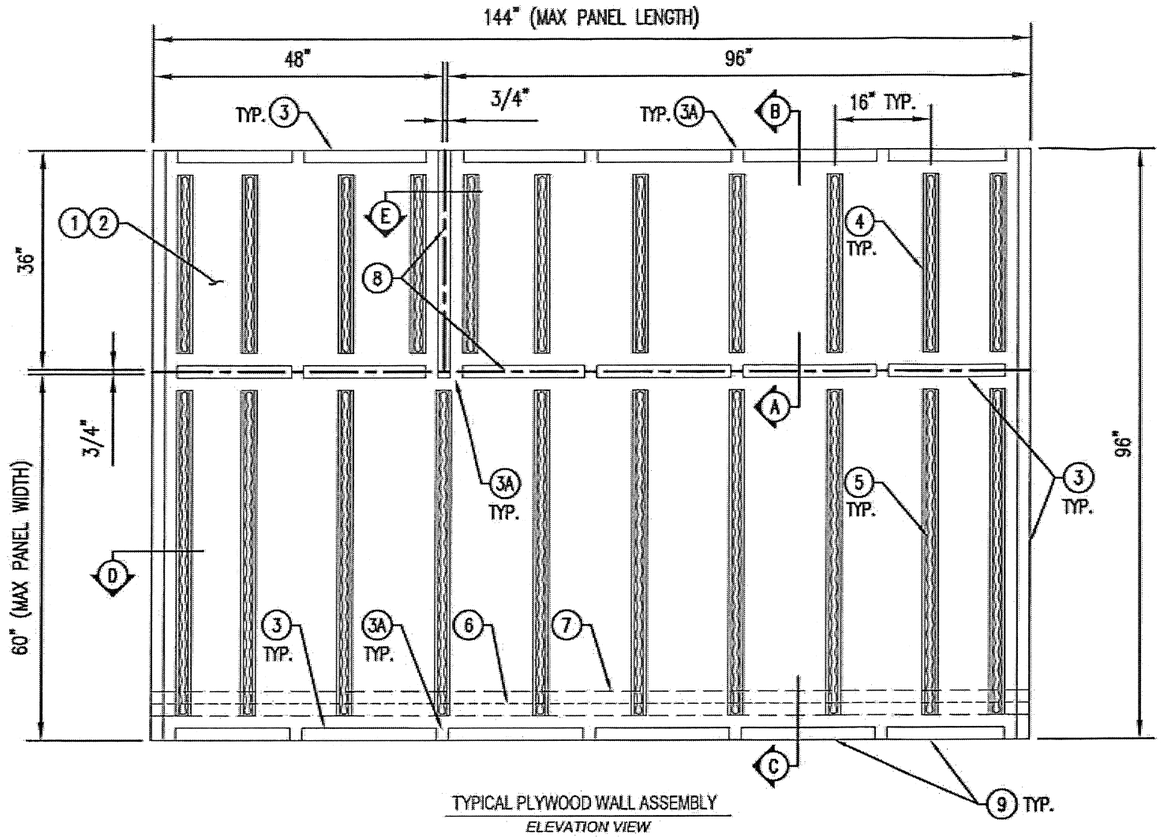

TYPICAL PLYWOOD WALL ASSEMBLY
ELEVATION VIEW

NOTE: PANELS AND EXTRUSIONS NOT SHOWN FOR CLARITY. PANEL DIMENSIONS ARE NOMINAL.

DESIGN PRESSURE: ±120.0 PSF

1. 5/8" PLYWOOD SHEATHING FASTENED TO STUDS WITH #10 SCREWS AT 6" O.C.
2. HENRY AIR–BLOC 31MR FLUID–APPLIED AIR AND WATER BARRIER
3. 2" WIDE x 3/16" THICK, 7 LB DENSITY, CLOSED–CELL PVC FOAM TAPE (GASKA TAPE OR EQUIVALENT) APPLIED TO PLYWOOD SHEATHING
3A. 2" WIDE GAPS IN FOAM TAPE FOR VENTING AT 24" O.C. (HORIZONTAL SPACING) AND AT INTERFACES WITH VERTICAL FOAM TAPE; VERTICAL FOAM TAPE AT EDGES AND PANEL JOINTS TO BE CONTINUOUS
4. 18 GA. 1–1/2" HAT CHANNELS INSTALLED AT 16" O.C. AND 3" FROM TOP AND BOTTOM PANEL EDGES (HATS AT PANEL SIDES INSTALLED TIGHT TO PANEL EDGE)
5. PECORA 896 PANEL ADHESIVE APPLIED IN 1/2" THICK LINES ALONG FULL LENGTH OF HAT CHANNELS
6. METAL FLASHING FASTENED TO PLYWOOD SHEATHING
7. MEMBRANE OR FLUID–APPLIED AIR AND WATER BARRIER TO LAP OVER METAL FLASHING IN SHINGLE FASHION
8. CENTERLINE OF PANEL JOINTS
9. 600S162–54 (G60) STEEL STUDS AT 16" O.C. (BEHIND SHEATHING, BY OTHERS)

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

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STATE OF
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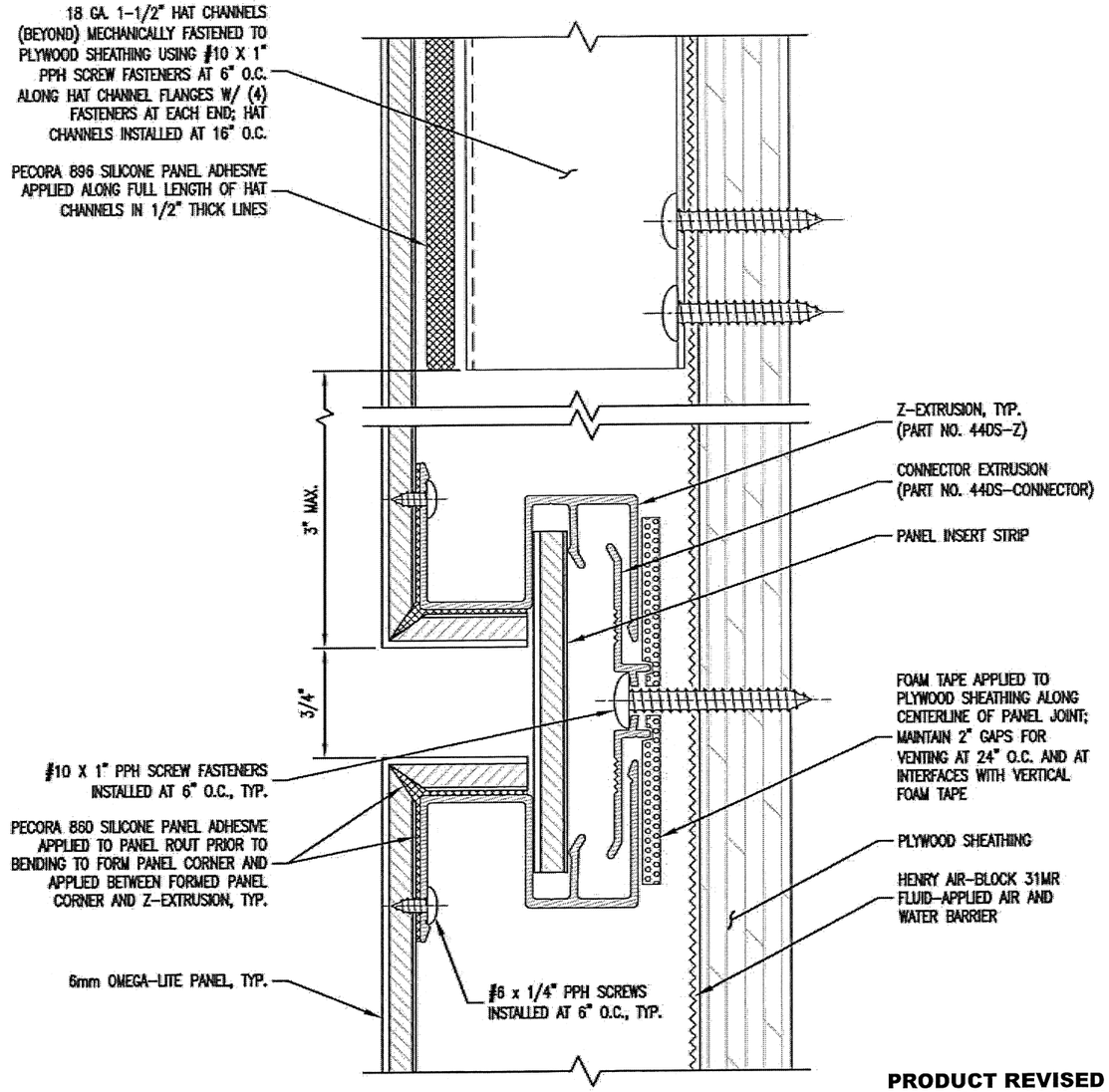
7/6/15



SECTION A
TYPICAL VERTICAL JOINT DETAIL

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NOA–No. 18–0214.03
Expiration Date 08/20/2020
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File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
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OMEGA-LITE® ACM WALL PANELS
DRY SEAL INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

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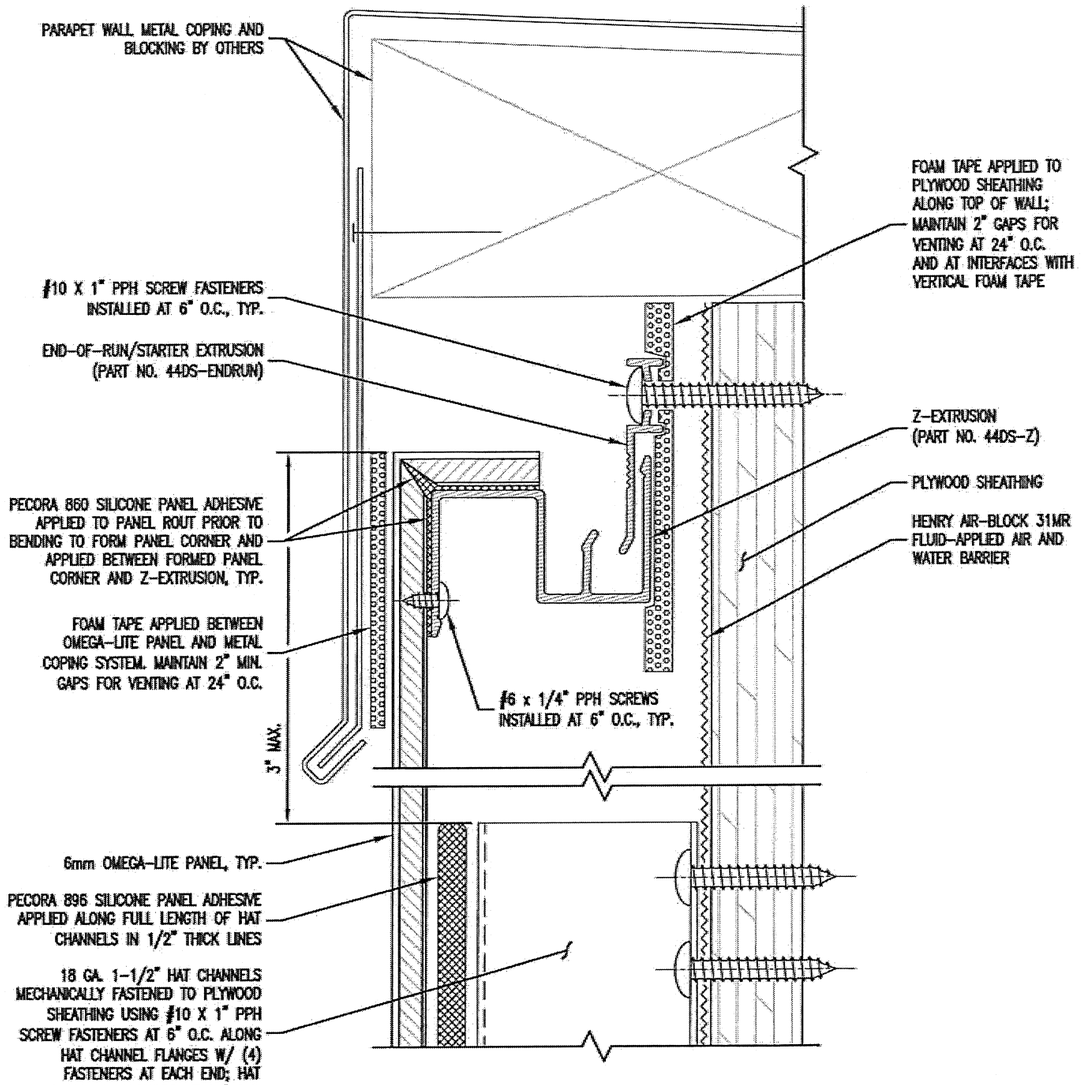
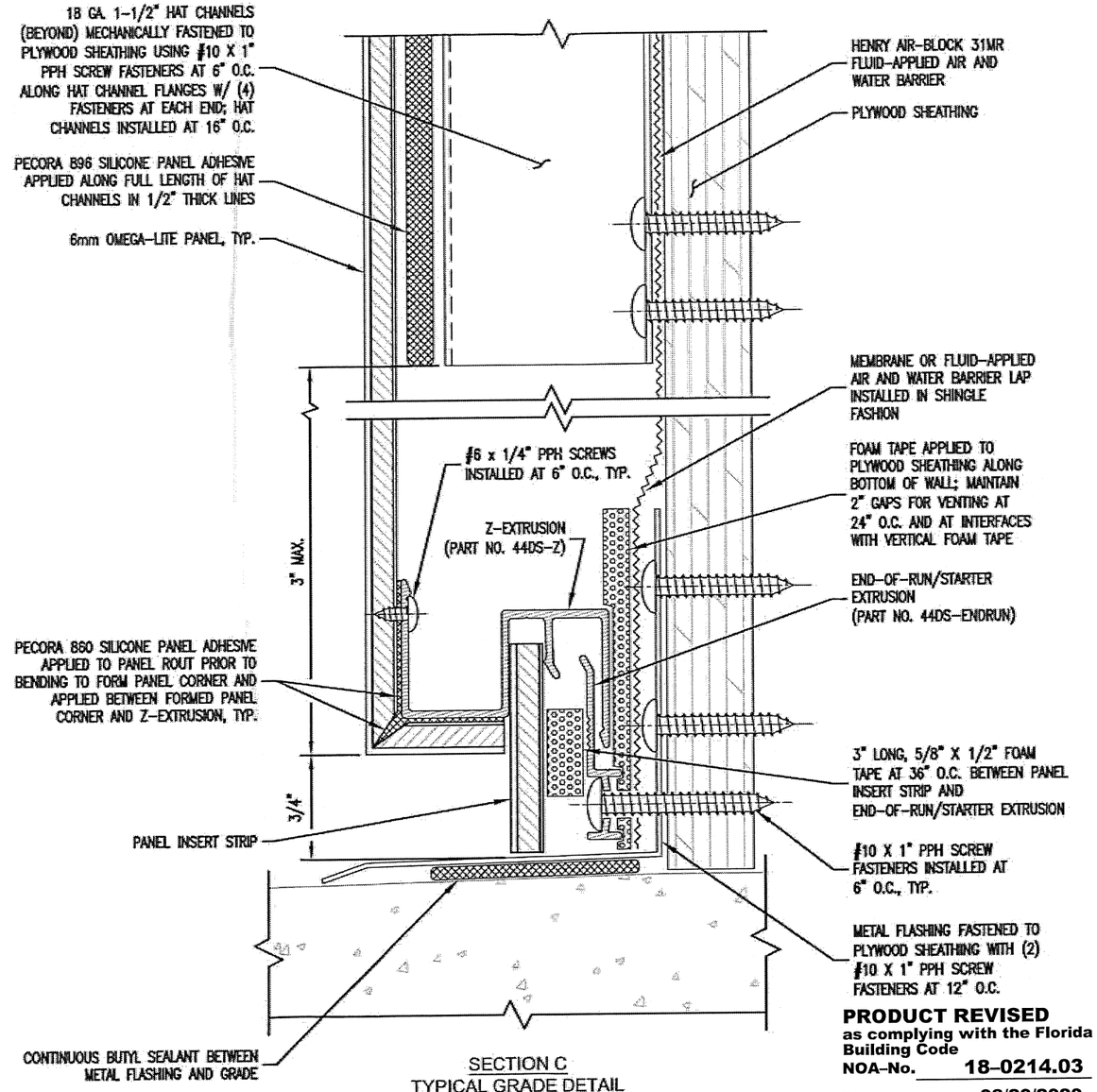


SECTION B
TYPICAL TOP OF WALL DETAIL



SECTION C
TYPICAL GRADE DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

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CHRISTOPHER BUCCI LICENSE No 76208 STATE OF FLORIDA PROFESSIONAL ENGINEER
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OMEGA-LITE® ACM WALL PANELS

DRY SEAL INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

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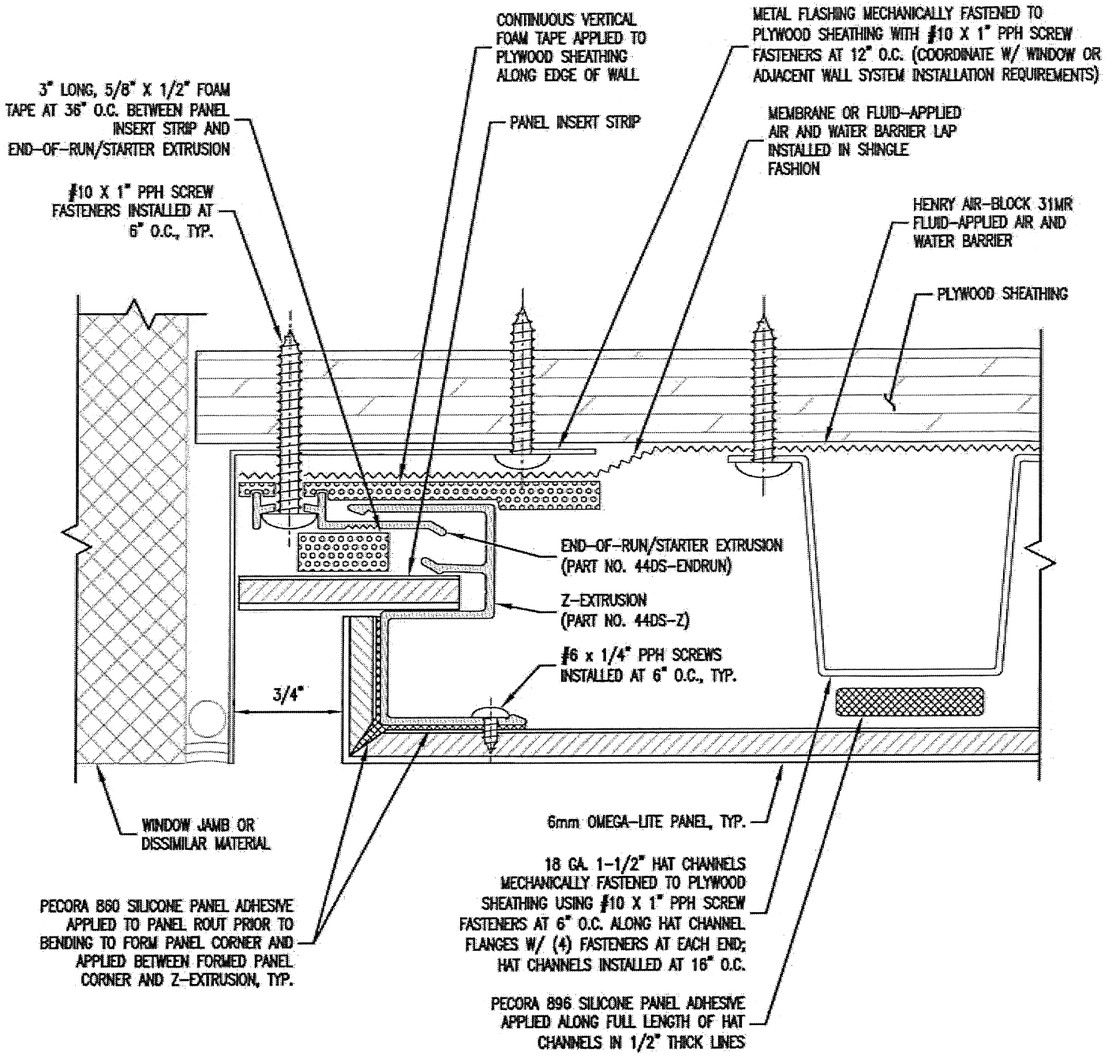
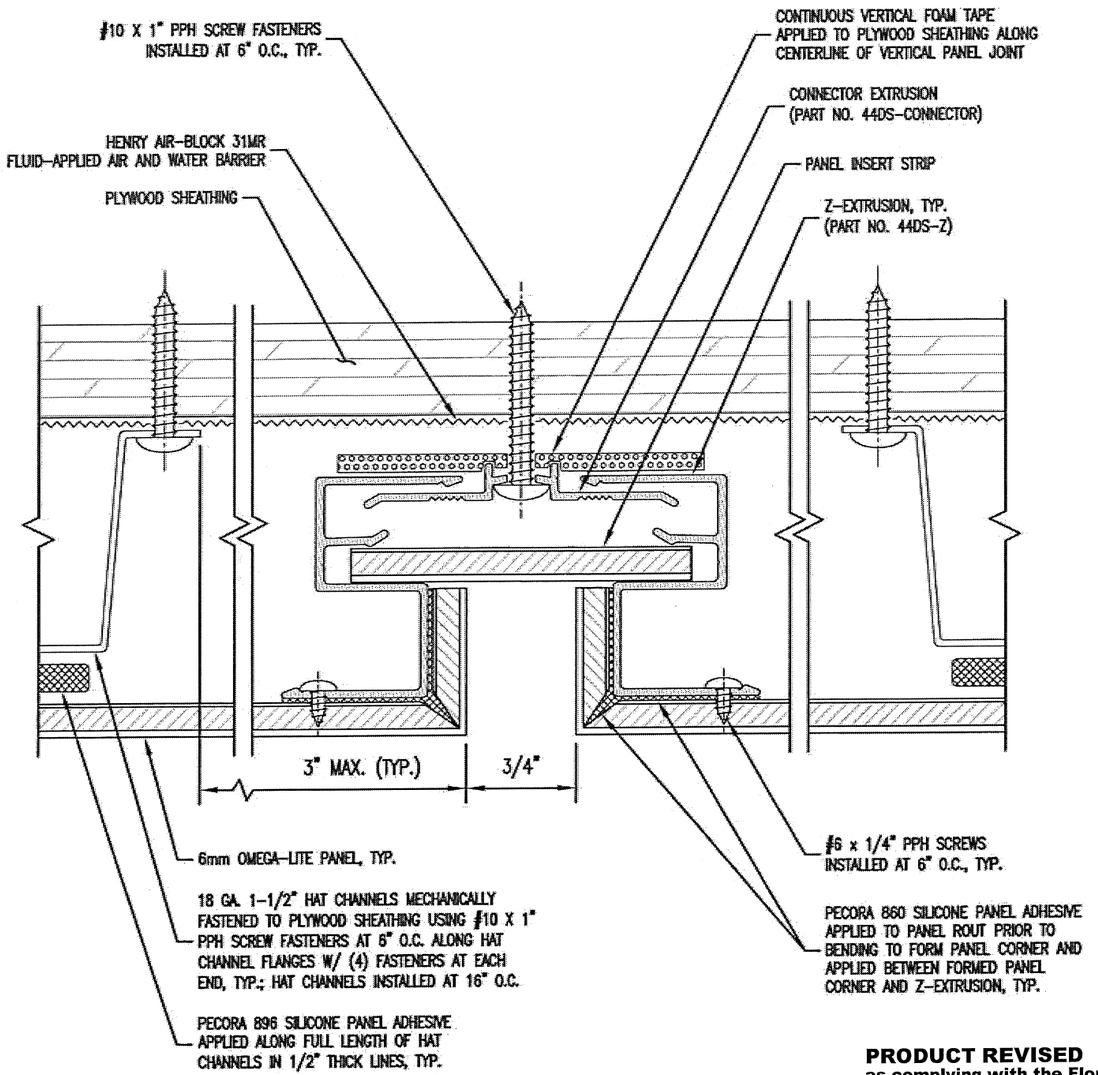


SECTION D
TYPICAL END OF RUN DETAIL



SECTION E
TYPICAL HORIZONTAL JOINT DETAIL

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
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CHRISTOPHER BUCCI LICENSE No 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER
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OMEGA-LITE® ACM WALL PANELS
DRY SEAL INSTALLATION SYSTEM OVER PLYWOOD SHEATHING

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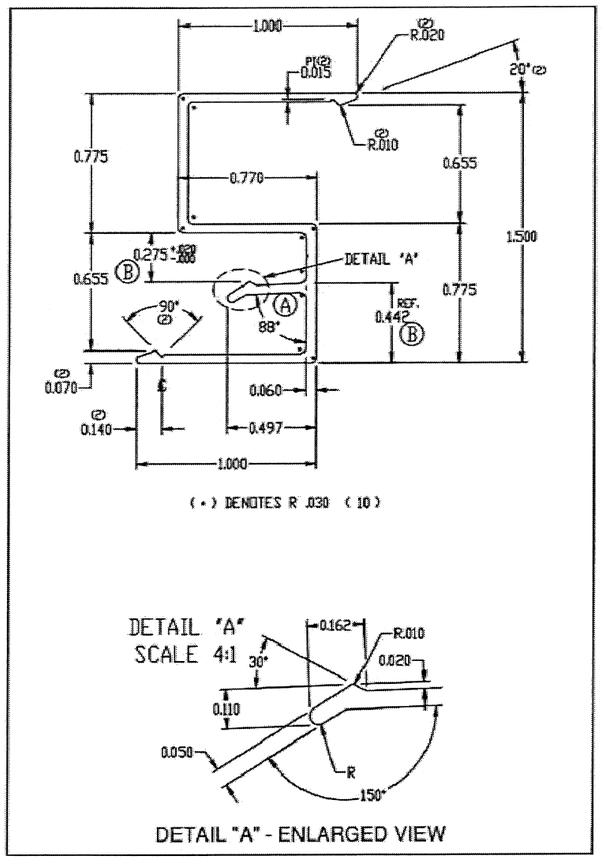
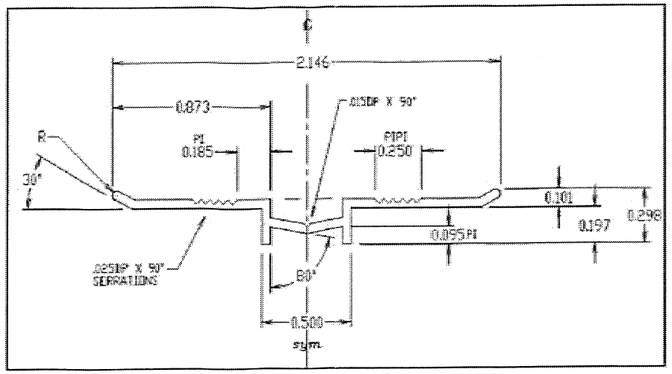


DETAIL "A" - ENLARGED VIEW

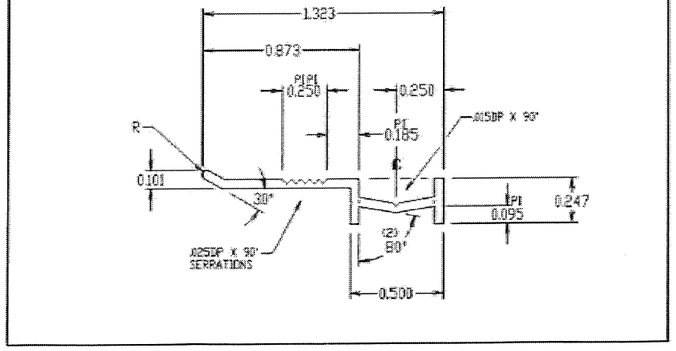
Z-EXTRUSION
PART NO. 44DS-Z
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE



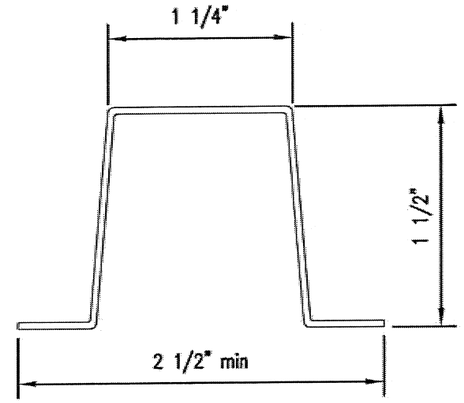
CONNECTOR EXTRUSION
PART NO. 44DS-CONNECTOR
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE



END-OF-RUN / STARTER EXTRUSION
PART NO. 44DS-ENDRUN
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE



1 1/2" HAT CHANNEL
SSMA: 150F125-43
STEEL: A653 (G60), $F_{y\,min}$ = 33 ksi

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By
Miami–Dade Product Control

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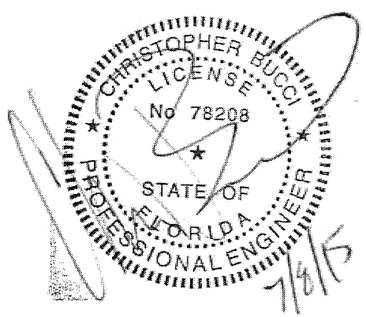

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
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OMEGA-LITE® ACM WALL PANELS

DRY SEAL INSTALLATION SYSTEM
OVER PLYWOOD SHEATHING

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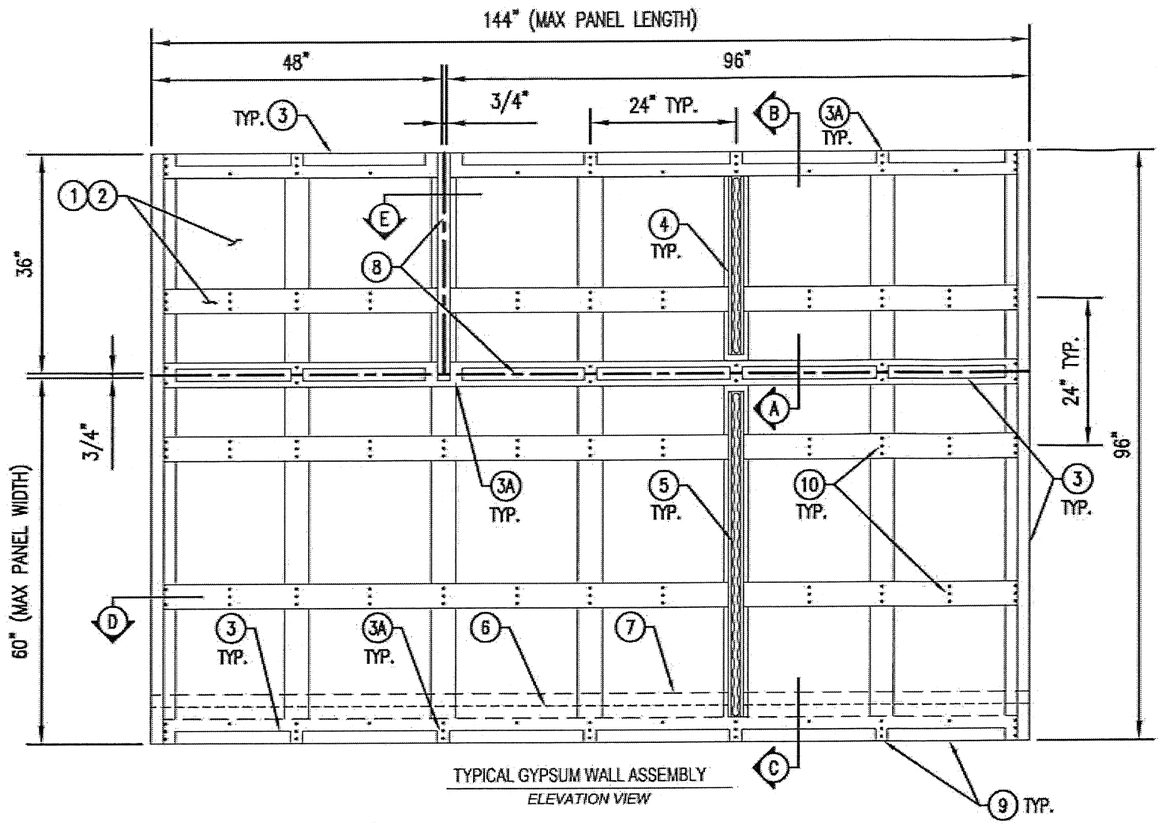


TYPICAL GYPSUM WALL ASSEMBLY
ELEVATION VIEW

NOTE: PANELS AND EXTRUSIONS AND ALL HAT CHANNELS NOT SHOWN FOR CLARITY. PANEL DIMENSIONS ARE NOMINAL.

DESIGN PRESSURE: ±120.0 PSF

(1) 5/8" TYPE X, GLASSMAT-FACED EXTERIOR GRADE GYPSUM SHEATHING FASTENED WITH #6 BH SCREWS AT 4" O.C. WITH 4" 20 GA. COLD-FORMED STRAPPING MECHANICALLY FASTENED TO COLD-FORMED FRAMING IN 2' x 2' GRID (ADDITIONAL STRAPPING INSTALLED ALONG HORIZONTAL PANEL JOINT)

(2) HENRY AIR-BLOC 31MR FLUID-APPLIED AIR AND WATER BARRIER

(3) 2" WIDE x 3/16" THICK, 7 LB DENSITY, CLOSED-CELL PVC FOAM TAPE (GASKA TAPE OR EQUIVALENT) APPLIED TO PLYWOOD SHEATHING

(3A) 2" WIDE GAPS IN FOAM TAPE FOR VENTING AT 24" O.C. (HORIZONTAL SPACING) AND AT INTERFACES WITH VERTICAL FOAM TAPE; VERTICAL FOAM TAPE AT EDGES AND PANEL JOINTS TO BE CONTINUOUS

(4) 18 GA. 1-1/2" HAT CHANNELS INSTALLED AT 16" O.C. AND 3" FROM TOP AND BOTTOM PANEL EDGES (HATS AT PANEL SIDES INSTALLED TIGHT TO PANEL EDGE)

(5) PECORA 896 PANEL ADHESIVE APPLIED IN 1/2" THICK LINES ALONG FULL LENGTH OF HAT CHANNELS

(6) METAL FLASHING FASTENED TO PLYWOOD SHEATHING

(7) MEMBRANE OR FLUID-APPLIED AIR AND WATER BARRIER TO LAP OVER METAL FLASHING IN SHINGLE FASHION

(8) CENTERLINE OF PANEL JOINTS

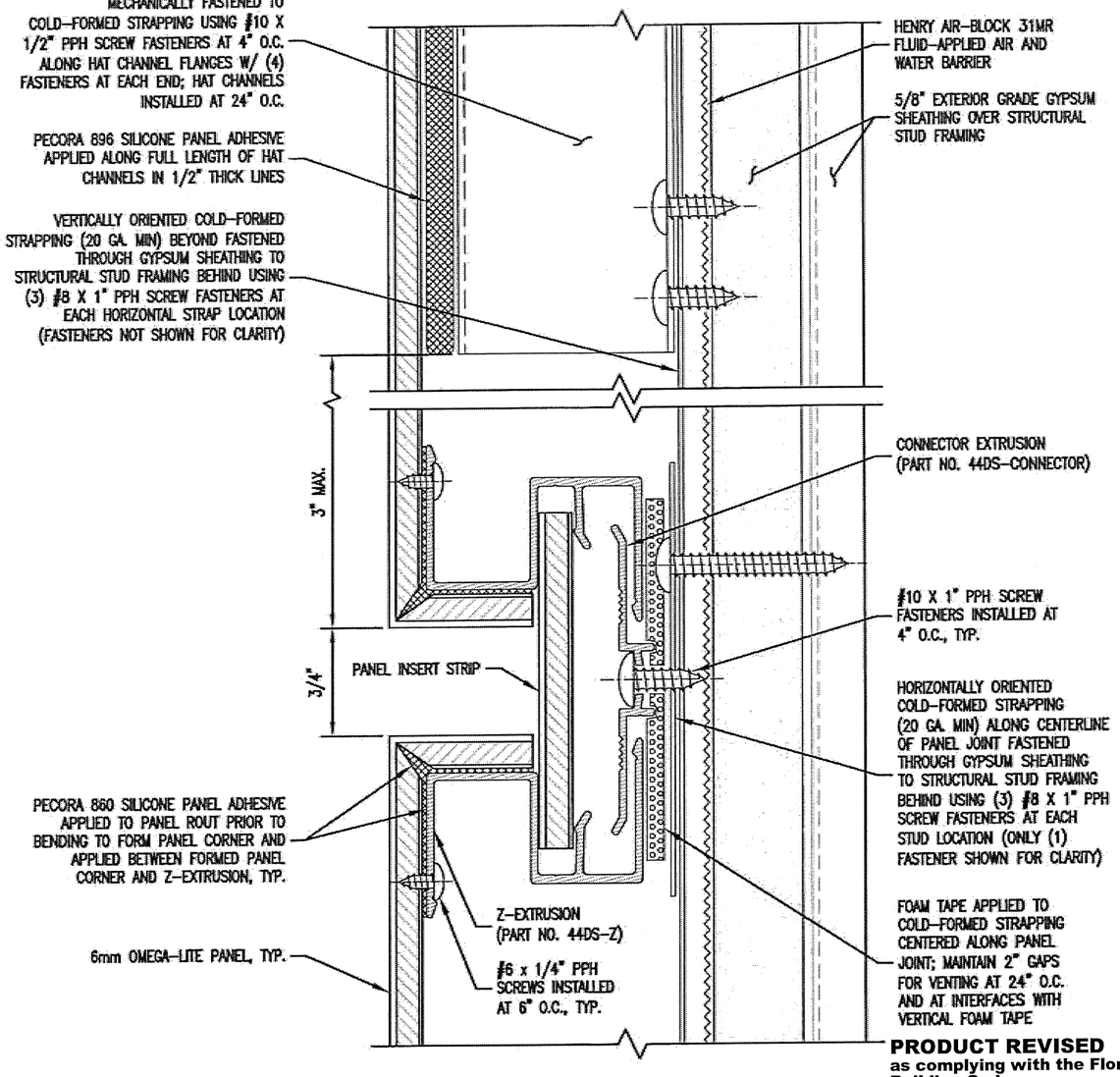
(9) 600S162-54 (G60) STEEL STUDS AT 16" O.C. (BEHIND SHEATHING; BY OTHERS)

(10) THREE (3) #8 x 1" PPH SCREWS AT EACH STUD LOCATION

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

CHRISTOPHER J. LUCCI LICENSE No. 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/8/15

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By



SECTION A
TYPICAL VERTICAL JOINT DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
LAMINATORS INC.
www.LaminatorsInc.com 877.OMEGA.77

OMEGA-LITE® ACM WALL PANELS

DRY SEAL INSTALLATION SYSTEM OVER GYPSUM WITH STRAPPING

Date:	Drawn By:	Dwg. No.:	Page:
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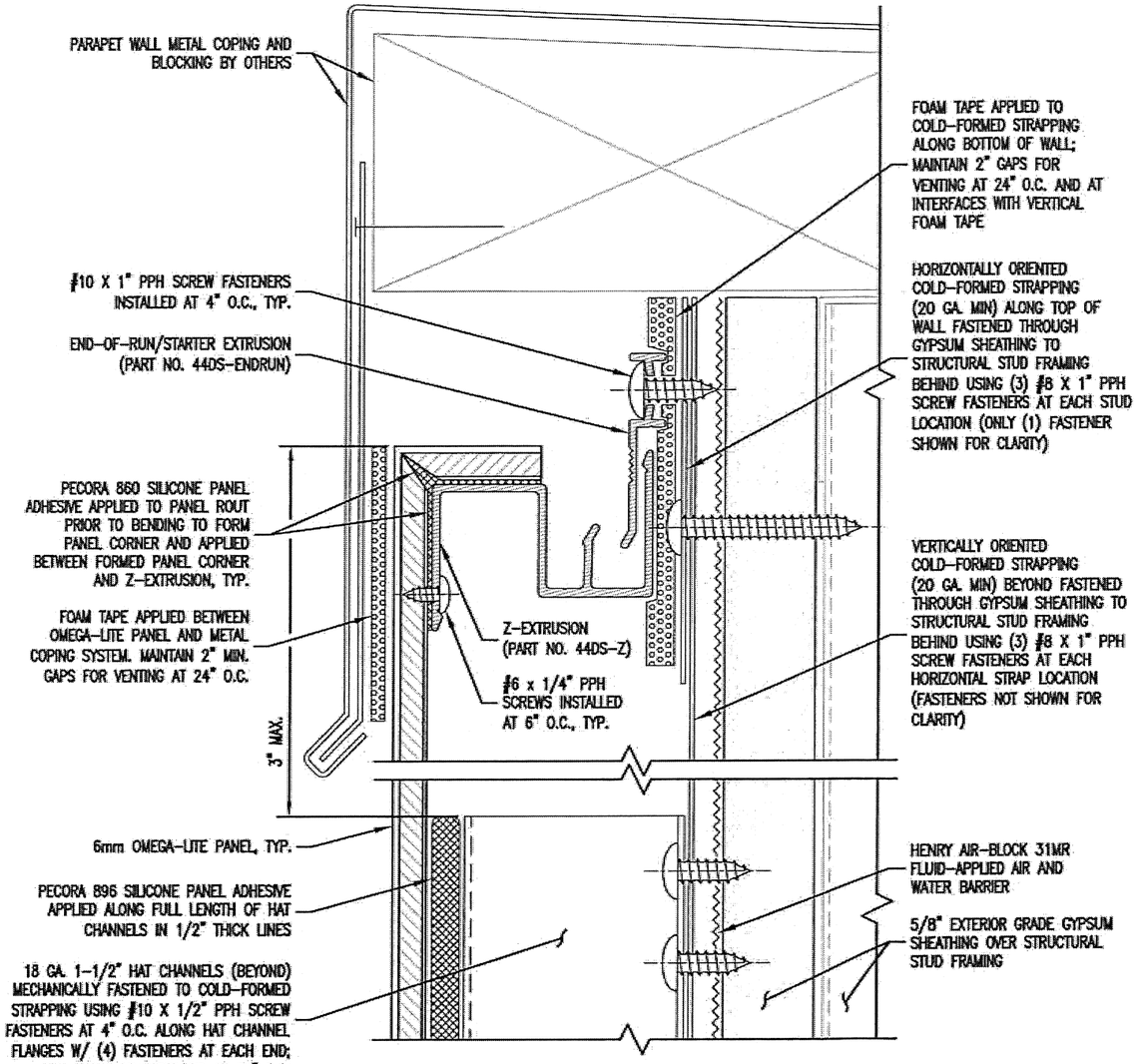
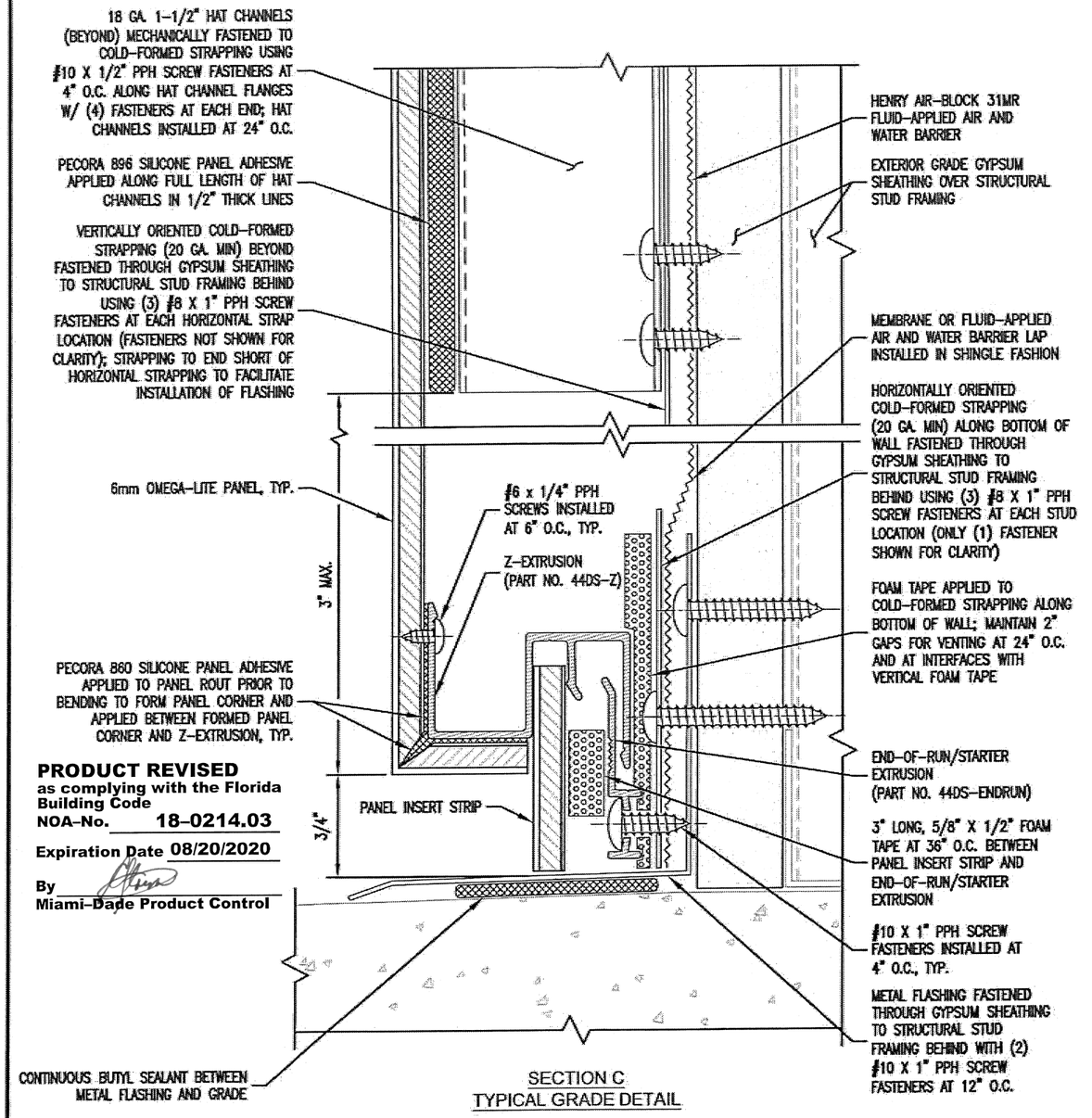


SECTION B
TYPICAL TOP OF WALL DETAIL



SECTION C
TYPICAL GRADE DETAIL

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-0214.03
Expiration Date 08/20/2020
By
Miami-Dade Product Control

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-1209.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI
LICENSE
No 78208
STATE OF FLORIDA
PROFESSIONAL ENGINEER
7/8/15

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
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OMEGA-LITE® ACM WALL PANELS

DRY SEAL INSTALLATION SYSTEM OVER GYPSUM WITH STRAPPING

Date:	Drawn By:	Dwg. No.:	Page:
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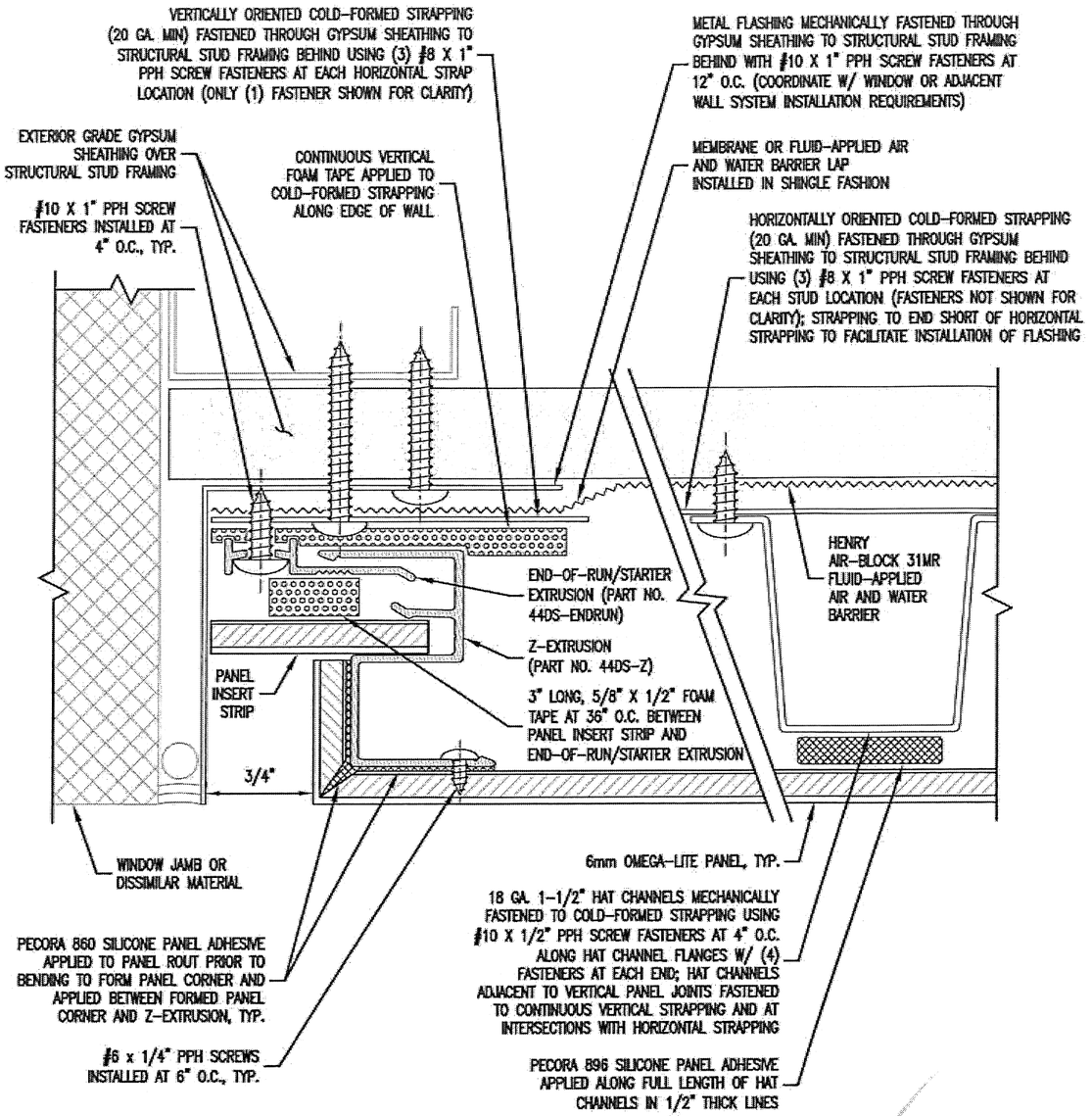
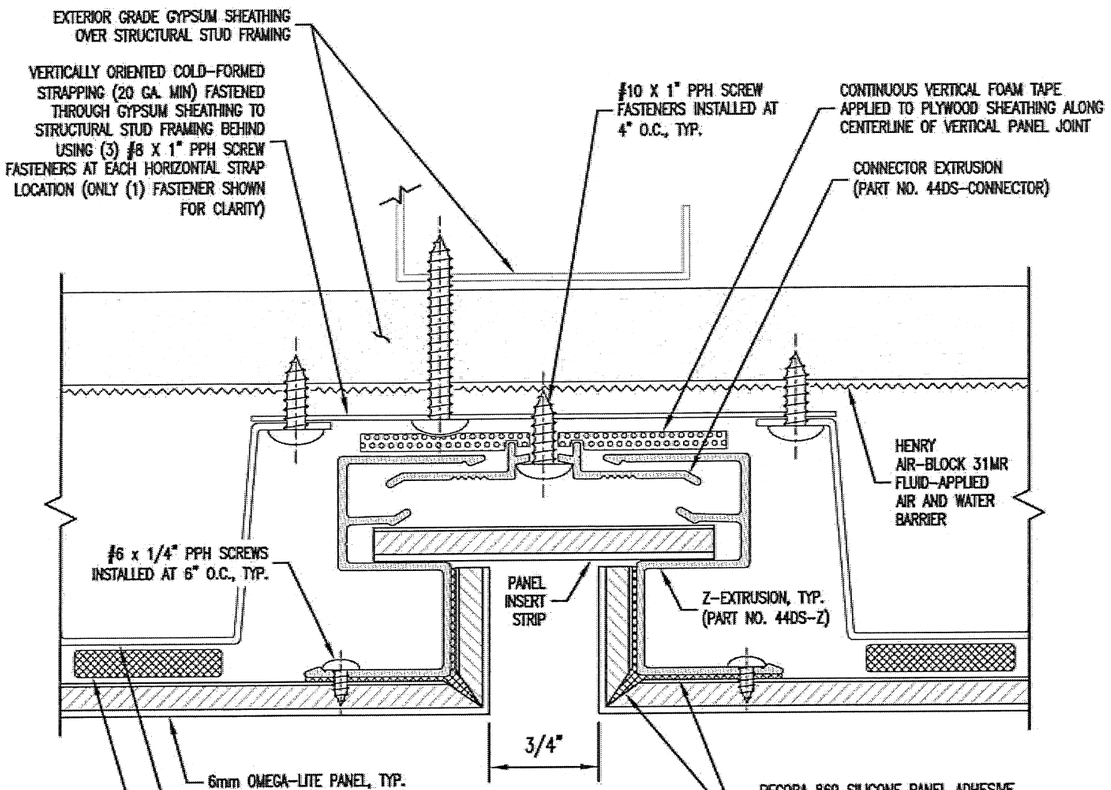


SECTION D
TYPICAL END OF RUN DETAIL

NOTE: SPACING SHOWN BETWEEN PANELS AND SUBSTRATES AND THICKNESS OF SOME PANEL SYSTEM COMPONENTS EXAGGERATED FOR CLARITY

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/31/15



SECTION E
TYPICAL HORIZONTAL JOINT DETAIL
NOTE: HORIZONTAL STRAPPING BEYOND NOT SHOWN FOR CLARITY

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015

OMEGA PANEL PRODUCTS Ω
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www.LaminatorsInc.com 877.OMEGA.77

OMEGA-LITE® ACM WALL PANELS
DRY SEAL INSTALLATION SYSTEM OVER GYPSUM WITH STRAPPING

Date:	Drawn By:	Dwg. No.:	Page:
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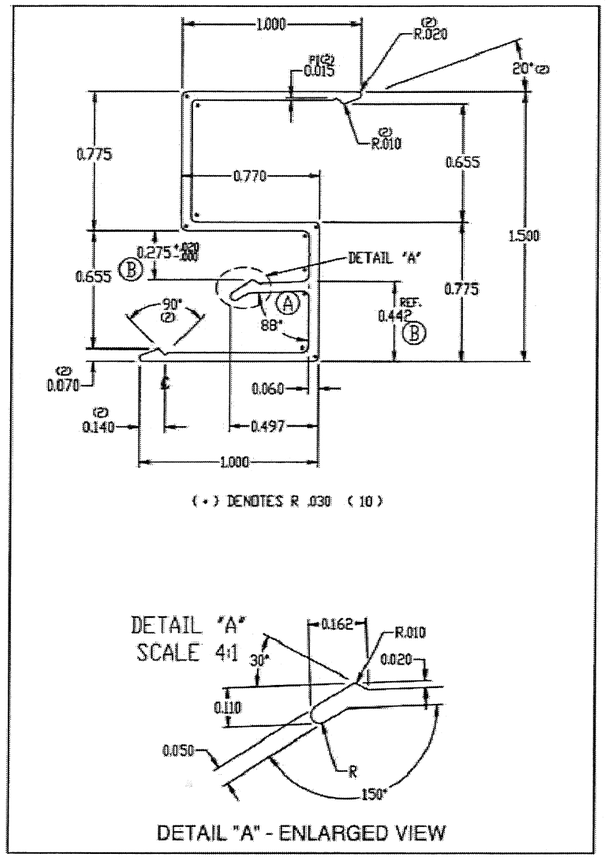
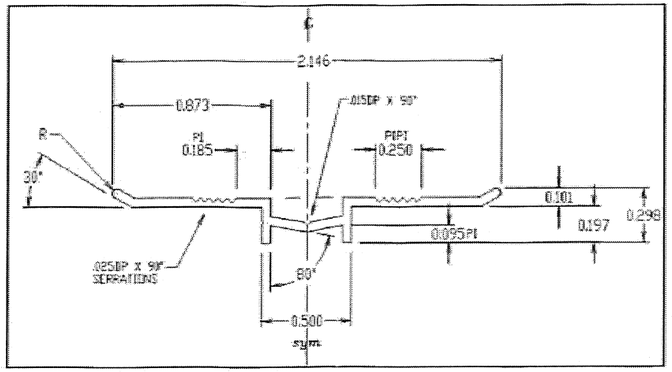


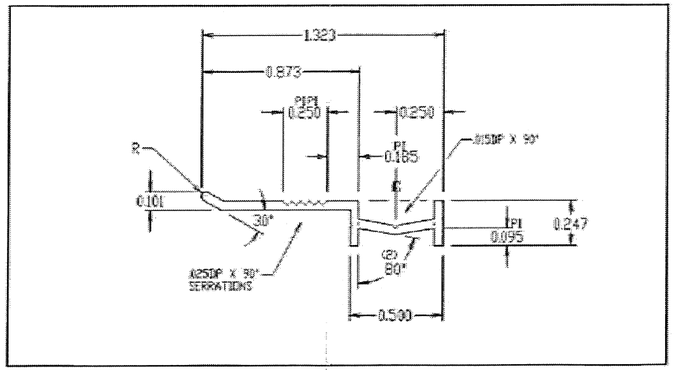
Z-EXTRUSION
PART NO. 44DS-Z
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE



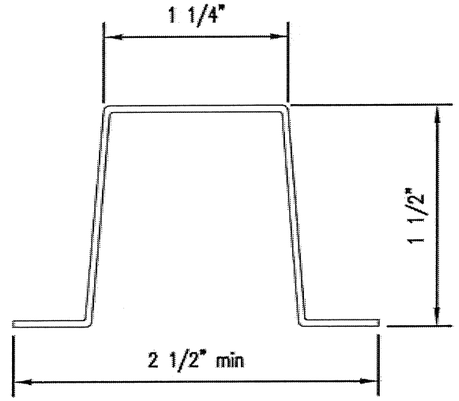
CONNECTOR EXTRUSION
PART NO. 44DS-CONNECTOR
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE



END-OF-RUN / STARTER EXTRUSION
PART NO. 44DS-ENDRUN
ALUMINUM: 6063-T6

NOTES:
1. ALL CORNERS .015 RADIUS UNLESS OTHERWISE NOTED
2. UNSPECIFIED WALL THICKNESS .050
3. NOT DRAWN TO SCALE



1 1/2" HAT CHANNEL
SSMA: 150F125-43
STEEL: A653 (G60), $F_{y\,min}$ = 33 ksi

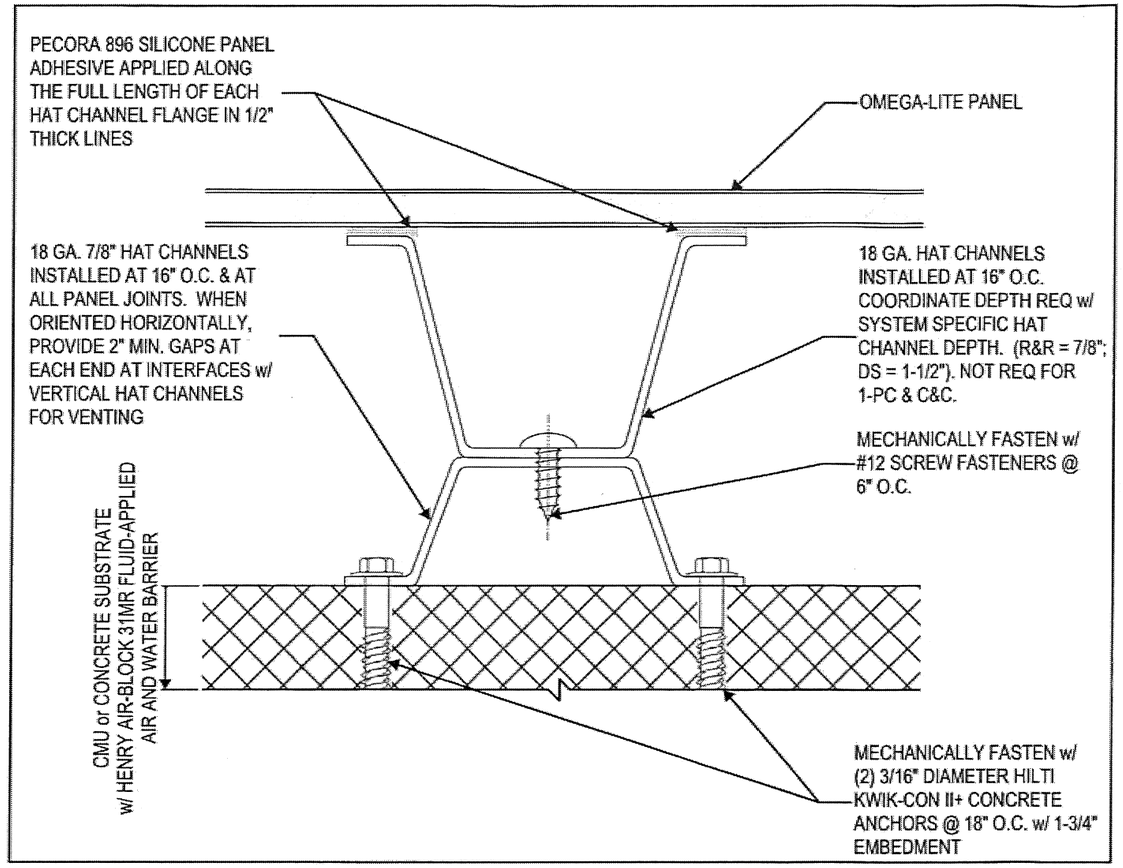
Approved as complying with the Florida Building Code
Date 09/20/2015
NOA# 15040911
Miami Dade Product Control
By

CHRISTOPHER BUCCI LICENSE No. 78208 STATE OF FLORIDA PROFESSIONAL ENGINEER
7/9/15

PRODUCT REVISED
as complying with the Florida Building Code
NOA–No. 18–0214.03
Expiration Date 08/20/2020
By
Miami–Dade Product Control

File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015	OMEGA PANEL PRODUCTS Ω LAMINATORS INC. www.LaminatorsInc.com 877.OMEGA.77	OMEGA-LITE® ACM WALL PANELS DRY SEAL INSTALLATION SYSTEM OVER GYPSUM WITH STRAPPING			
		Date: 07/08/2015	Drawn By: JJM	Dwg. No.: LAM-OL-001	Page: 20 OF 21



SECTION VIEW

Approved as complying with the Florida Building Code
Date 08/20/2015
NOA# 15-0409.11
Miami Dade Product Control
By

CHRISTOPHER BUCCI
LICENSE
No 78208
STATE OF FLORIDA
PROFESSIONAL ENGINEER

PRODUCT REVISED
as complying with the Florida Building Code
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By
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File Name: MiamiDade_LAM-OL-001

REV_0: 07/08/2015	OMEGA PANEL PRODUCTS Ω LAMINATORS INC. www.LaminatorsInc.com 877.OMEGA.77	OMEGA-LITE® ACM WALL PANELS
		CMU AND CONCRETE SUBSRTATE FURRING REQ'D FOR INSTALLATION OF 1PTF, C&C, R&R, AND DRY SEAL
		Date: 07/08/2015 | Drawn By: JJM | Dwg. No.: LAM-OL-001 | Page: 21 OF 21