



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

Nichiha USA, Inc.
6465 E. Johns Crossing
Johns Creek, GA 30097

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: NichiProducts™ Fiber-Cement Siding and Soffit

APPROVAL DOCUMENT: Drawing No. **5877-SK1**, titled “Nichiha NichiProducts Assembly Drawings”, sheets 1 and 15 of 15, dated 11/17/2023, prepared by Boca engineering, signed and sealed by Christopher W.C. Bowness, 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: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 **revises NOA # 21-0312.12** and consists of this page 1 and 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.**




12/26/23

NOA No. 23-1031.04
Expiration Date: July 22, 2024
Approval Date: January 4, 2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA'S

A. DRAWINGS “Submitted under NOA # 15-1102.14”

1. Drawing No. **ITS N1090403**, titled “NichiBoard”, sheets 1 and 2 of 2 and Drawing No. **ITS N2090403**, titled “NichiPanel”, sheets 1 and 2 of 2, both dated 03/16/2009, prepared by Nichiha USA, Inc, signed and sealed by Carl D. Fussner, P.E. on 10/13/2015.

B. TESTS “Submitted under NOA # 09-0511.01”

1. Test reports 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 NichiProducts Fiber-Cement Panels, prepared by Intertek Testing Services NA LTD, Report No. **3145127COQ-004A**, dated 08/07/08, signed and sealed by Rick Curkeet, P.E.
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of NichiBoards and EcoPlanks, prepared by Intertek Testing Services NA LTD, Report No. **3145127COQ-004B**, dated 10/24/08, signed and sealed by Rick Curkeet, P.E.
3. Test report on Standard Specification for Flat Non-Asbestos Fiber-Cement Sheets of NichiProducts Fiber-Cement Panels, per ASTM C1186-07, prepared by Intertek Testing Services NA LTD, Report No. **3145123COQ-005**, dated 05/20/08, with a revision dated 02/02/09, signed and sealed by Rick Curkeet, P.E.
4. Test report on Surface Burning Characteristics of NichiPanel Fiber-Cement Panels, per ASTM E84-08, prepared by Intertek Testing Services NA LTD, Report No. **3145123COQ-006**, dated 06/25/08, with a revision dated 04/03/09, signed and sealed by Rick Curkeet, P.E.
5. Test report on Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C of Nichiha M series unprimed cementitious, per ASTM E136-99, prepared by Intertek Testing Services NA LTD, Report No. **3105885COQ-002**, dated 10/26/06, with a revision dated 03/30/09, signed and sealed by Rick Curkeet, P.E.

C. CALCULATIONS “Submitted under NOA # 14-0715.03”

1. Anchor calculations prepared by Progressive Engineering, Inc., dated 10/22/2014, signed and sealed by Carl D. Fussner, P.E.

“Submitted under NOA # 09-0511.01”
2. Anchor analyses prepared by Category 5 Engineering Services, Inc., dated 04/03/2009, signed and sealed by Emma T. Mellinger, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1031.04
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D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS “Submitted under NOA # 15-1102.14”

1. Drawing No. **ITS N1090403** and **ITS N2090403** statements of code conformance to the 5th edition (2014) FBC issued by Nichiha USA, Inc, dated 03/16/2009, signed and sealed by Carl D. Fussner, P.E. on 10/13/2015.
2. Statement letter of no financial interest issued by Progressive Engineering, Inc., dated 10/13/2015, signed and sealed by Carl D. Fussner, P.E.

2. Evidence submitted under NOA # 18-0815.06

A. DRAWINGS

1. Drawing No. **ITS N1090403**, titled “NichiBoard”, sheets 1 and 2 of 2 and Drawing No. **ITS N2090403**, titled “NichiPanel”, sheets 1 and 2 of 2, both dated 10/05/2018, prepared by Nichiha USA, Inc, signed and sealed by Carl D. Fussner, 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 the 6th edition (2017) FBC issued by PEI Engineering Services, Inc, dated 02/22/2018, signed and sealed by Carl D. Fussner, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-1031.04
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. Evidence submitted under NOA # 21-0312.12 and new

A. DRAWINGS

1. Drawing No. **5877-SK1**, titled “Nichiha NichiProducts Assembly Drawings”, sheets 1 and 15 of 15, dated 11/17/2023, prepared by Boca engineering, signed and sealed by Christopher W.C. Bowness, P.E.

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 and installation diagram of 9-1/4” NichiBoard, prepared by Intertek, Report No. **J4610.01-550-18 R1**, dated 05/17/2019 and revised on 08/07/2023, signed and sealed by Tanya A. Dolby, 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 and installation diagram of NichiPanel, prepared by Intertek, Report No. **J4610.05-550-18 R1**, dated 05/17/2019 and revised on 07/18/2023, signed and sealed by Tanya A. Dolby, 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 and installation diagram of NichiStraight/Staggered, prepared by Intertek, Report No. **J4610.07-550-18 R1**, dated 05/17/2019 and revised on 07/18/2023, signed and sealed by Tanya A. Dolby, P.E.
4. 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 and installation diagram of NichiSoffit, prepared by Intertek, Report No. **J4610.06-550-18 R1**, dated 05/14/2019 and revised on 07/18/2023, signed and sealed by Tanya A. Dolby, P.E.

C. CALCULATIONS

1. Anchor calculations prepared by Boca engineering, dated 11/09/2023, signed and sealed by Christopher W.C. Bowness, 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 8th edition (2023) of the FBC, issued by Boca engineering, dated 11/09/2023, signed and sealed by Christopher W.C. Bowness, P.E.
2. Statement letter of code conformance to the 7th edition (2020) of the FBC, issued by PEI Engineering Services, Inc, dated 03/04/2021, signed and sealed by Carl D. Fussner, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
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PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *[Signature]*
 Miami-Dade Product Control

Table 1: Wood Framing Assembly Configurations for NichiProducts¹

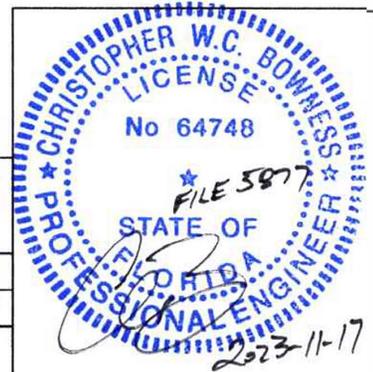
Assembly No.	Detail No.	Product Name	Min. Framing ²	Min. Sheathing	Fastener	Fastener Location & Spacing	Fastener Substrate	Maximum Design Pressure (ASD) (psf)
1	A2	NichiBoard 12"	2x No.2 SPF @ 16" o.c.	5/8" Plywood	6d galv. ring-shank nail, head dia.: 0.278", shank dia.: 0.119", length: 2"	Face nailed 1" from bottom of panel @ Horiz.: 8" o.c. Vert.: 5-3/8" o.c.	Sheathing	125
2	A3	NichiBoard 5-1/4", 6-1/4", 7-1/4", 8-1/4", 9-1/4"	2x No.2 SPF @ 16" o.c.	5/8" Plywood	8d galv. ring-shank nail, head dia.: 0.279", shank dia.: 0.123", length: 2-1/2"	Face nailed 1" from bottom of panel @ Horiz.: 16" o.c. Vert.: max. 8" o.c.	Framing	85
3	A5	NichiPanel	2x No.2 SPF @ 16" o.c.	5/8" Plywood	6d galv. ring-shank nail, head dia.: 0.278", shank dia.: 0.119", length: 2"	Face nailed @ Horiz.: 6" o.c. Vert.: 6" o.c.	Sheathing	104
4	A6	NichiPanel	2x No.2 SPF @ 16" o.c.	5/8" Plywood	6d galv. ring-shank nail, head dia.: 0.278", shank dia.: 0.119", length: 2"	Face nailed @ Horiz.: 16" o.c. Vert.: 6" o.c.	Framing	75
5	A8/A9	NichiStraight/ NichiStaggered	2x No.2 SPF @ 16" o.c.	5/8" Plywood	8d galv. ring-shank nail, head dia.: 0.279", shank dia.: 0.123", length: 2-1/2"	Blind nailed 1/2" above keyways @ Horiz.: 16" o.c. Vert.: 7 o.c.	Framing	70
6	C10	Nichisoffit (solid)	2x No.2 SPF @ 16" o.c.	NA	6d galv. ring-shank nail, head dia.: 0.278", shank dia.: 0.119", length: 2"	Face nailed @ 6" o.c. around perimeter and ea. framing member	Framing	70

- Maximum wall height of 10 ft, deflection limit L/180 of wall height.
- 2x wood framing tested to support attachment of cladding at maximum design pressure, species may be substituted by any exceeding S.G. 0.42. Framing must be sized by engineer or architect of record to support all building loads and deflection limit.

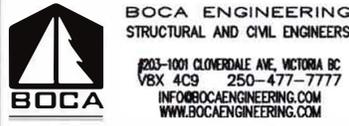
Table 2: Steel Framing Assembly Configurations for NichiProducts¹

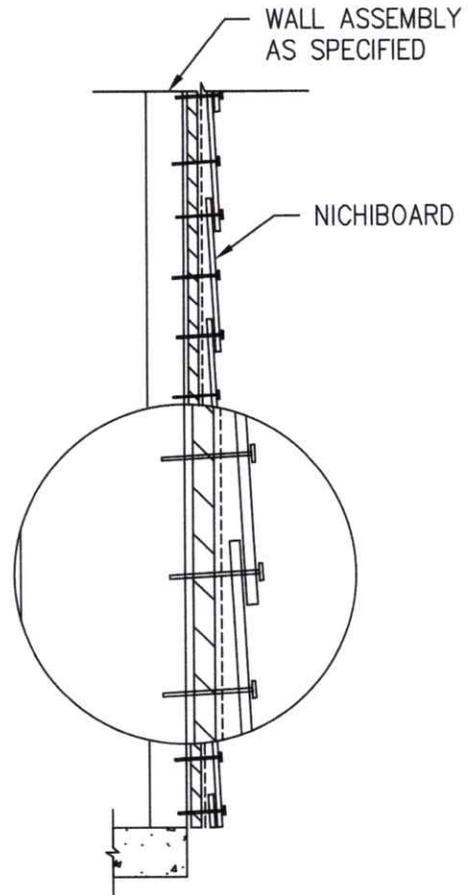
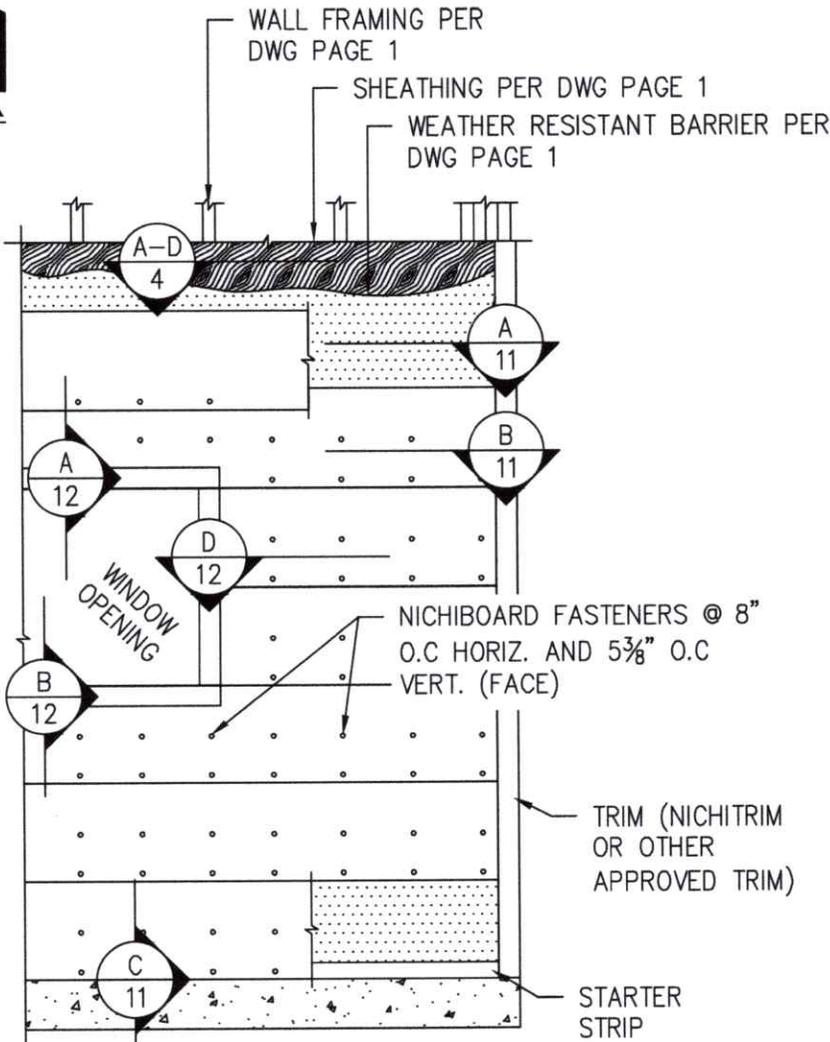
Assembly No.	Detail No.	Product Name	Min. Framing ²	Min. Sheathing	Fastener	Fastener Location & Spacing	Fastener Substrate	Maximum Design Pressure (ASD) (psf)
7	A2	NichiBoard 12"	1-5/8 x 5-1/2, 16 ga, 50 ksi steel @ 16" o.c.	5/8" Plywood	6d galv. ring-shank nail, head dia.: 0.278", shank dia.: 0.119", length: 2"	Face nailed 1" from bottom of panel @ Horiz.: 8" o.c. Vert.: 5-3/8" o.c.	Sheathing	125
8	A3	NichiBoard 5-1/4", 6-1/4", 7-1/4", 8-1/4", 9-1/4"	1-5/8 x 5-1/2, 16 ga, 50 ksi steel @ 16" o.c.	5/8" Plywood	#8 screw, head dia.: 0.279", shank dia.: 0.164", length: 1.625"	Face fasten 1" from bottom of panel @ Horiz.: 16" o.c. Vert.: max. 8" o.c.	Framing	85
9	A5	NichiPanel	1-5/8 x 5-1/2, 16 ga, 50 ksi steel @ 16" o.c.	5/8" Plywood	6d galv. ring-shank nail, head dia.: 0.278", shank dia.: 0.119", length: 2"	Face nailed @ Horiz.: 6" o.c. Vert.: 6" o.c.	Sheathing	104
10	A6	NichiPanel	1-5/8 x 5-1/2, 18 ga, 33 ksi steel @ 16" o.c.	5/8" Plywood	#8 screw, head dia.: 0.279", shank dia.: 0.164", length: 1.625"	Face fasten @ Horiz.: 16" o.c. Vert.: 6" o.c.	Framing	75
11	A8/A9	NichiStraight/ NichiStaggered	1-5/8 x 5-1/2, 18 ga, 33 ksi steel @ 16" o.c.	5/8" Plywood	#8 screw, head dia.: 0.279", shank dia.: 0.164", length: 1.625"	Blind fasten 1/2" above keyways @ Horiz.: 16" o.c. Vert.: 7 o.c.	Framing	70
12	C10	Nichisoffit (solid)	1-5/8 x 5-1/2, 18 ga, 33 ksi steel @ 16" o.c.	NA	#8 screw, head dia.: 0.279", shank dia.: 0.164", length: 1.625"	Face fasten @ 6" o.c. around perimeter and ea. framing member	Framing	70

- Maximum wall height of 10 ft, deflection limit L/180 of wall height.
- Steel framing calculated to support attachment of cladding at maximum design pressure. Framing must be sized by engineer or architect of record to support all building loads and deflection limit.



TITLE NICHIIHA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIIHA USA, INC		PROJECT NICHIPRODUCTS MIAMI DADE NOA				
	DATE NOVEMBER 17, 2023		REV. 0	FOR PUBLICATION	CB		
	DRAWING NO. 5877-SK1		SHEET NO. 1 OF 15		SCALE NOT TO SCALE	DES. CB	DRN. NN

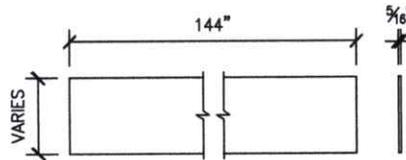




A
2 NICHIBOARD 12" WALL INSTALLATION
ELEVATION VIEW NOT-TO-SCALE

B
2 NICHIBOARD 12" WALL INSTALLATION
SECTION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHTS (IN.)	THICKNESS (IN.)
144	12	5/16

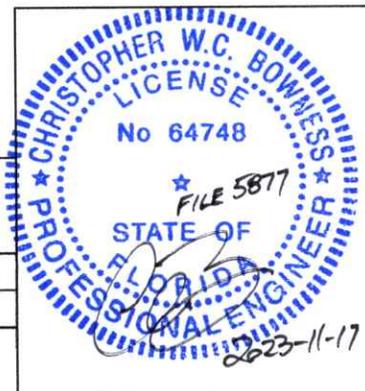


C
2 NICHIBOARD DIMENSIONS
NOT-TO-SCALE

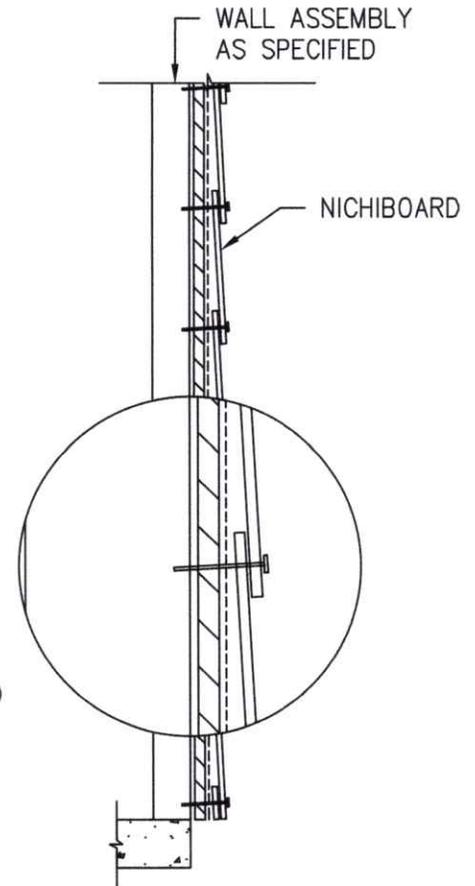
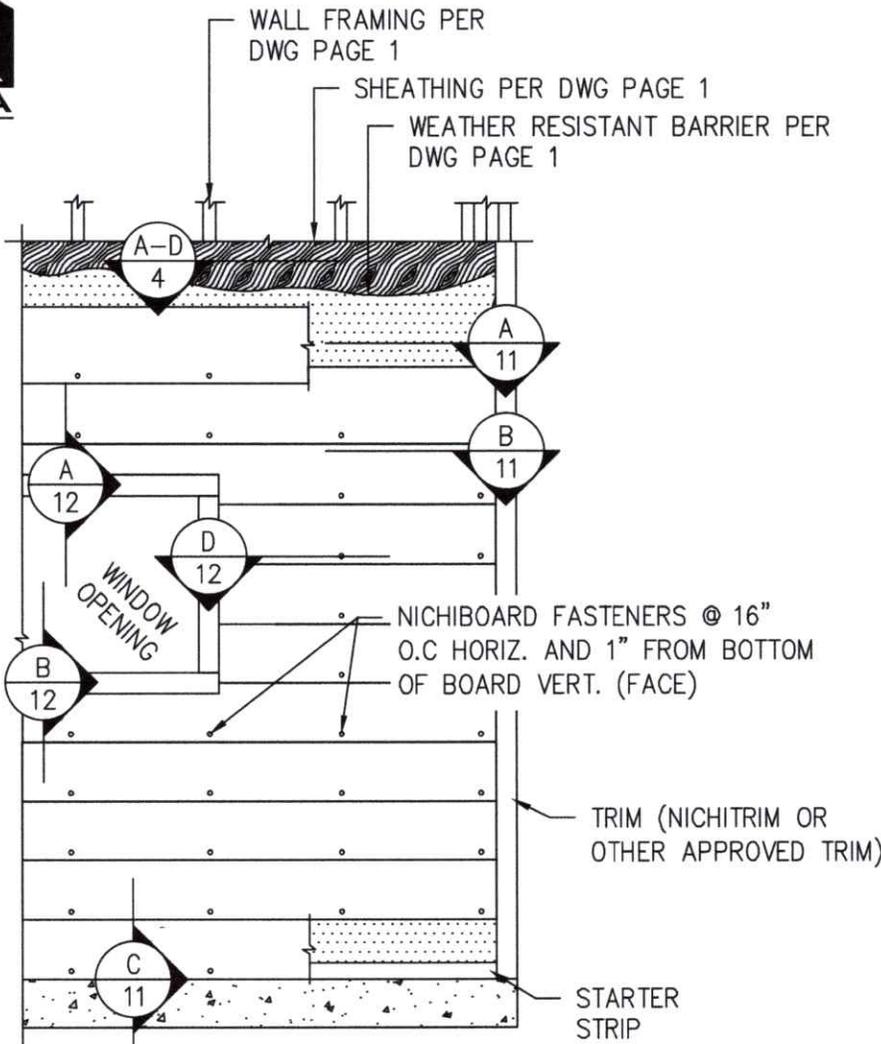
PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *[Signature]*
Miami-Dade Product Control



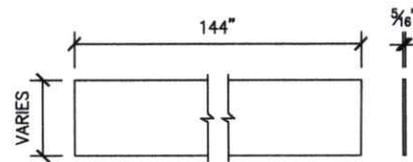
TITLE NICHIIA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIIA USA, INC	PROJECT NICHIPRODUCTS MIAMI DADE NOA				
		DATE NOVEMBER 17, 2023	REV. 0	FOR PUBLICATION ISSUE	CB APP	
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS 203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5877-SK1	SHEET NO. 2 OF 15	SCALE NOT TO SCALE	DES. CB	DRN. NN	CHK. CB



A
3 NICHIBOARD TYP. WALL INSTALLATION
ELEVATION VIEW NOT-TO-SCALE

B
3 NICHIBOARD TYP. WALL INSTALLATION
SECTION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHTS (IN.)	THICKNESS (IN.)
144	5 $\frac{1}{4}$, 6 $\frac{1}{4}$, 7 $\frac{1}{4}$, 8 $\frac{1}{4}$, 9 $\frac{1}{4}$	5 $\frac{1}{6}$

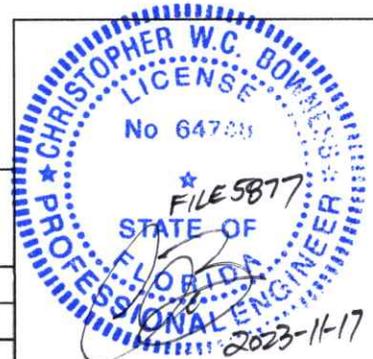


C
3 NICHIBOARD DIMENSIONS
NOT-TO-SCALE

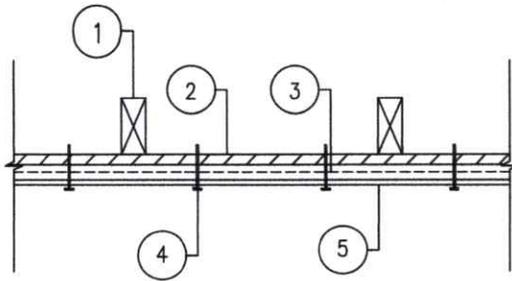
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NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *[Signature]*
Miami-Dade Product Control

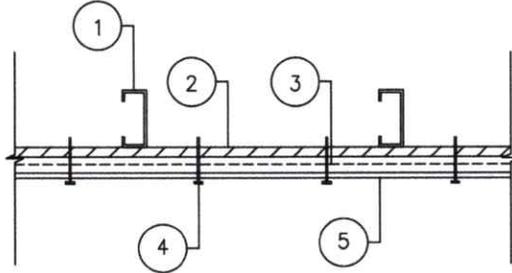


TITLE NICHIBA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIBA USA, INC		PROJECT NICHIPRODUCTS MIAMI DADE NOA			
	DATE NOVEMBER 17, 2023		REV. 0	FOR PUBLICATION ISSUE	CB APP	
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS 2203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5877-SK1	SHEET NO. 3 OF 15	SCALE NOT TO SCALE	DES. CB	DRN. NN	CHK. CB



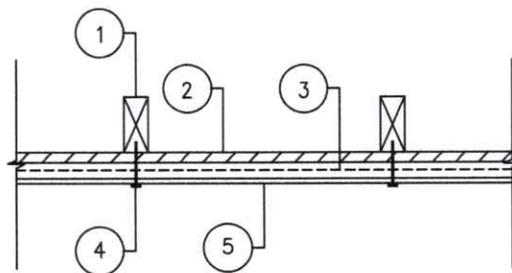
LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	2x SPF No.2 WOOD STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	6d GALV. RING-SHANK NAIL, HEAD DIA.: 0.278", SHANK DIA.: 0.119", LENGTH: 2" FACE NAILED @ 8" O.C HORIZ. AND 5 3/8" O.C VERT.
5	NICHIBOARD 12" SIDING

A
4 NICHIBOARD 12" WALL INSTALLATION INTO WOOD STUDS
PLAN VIEW NOT-TO-SCALE



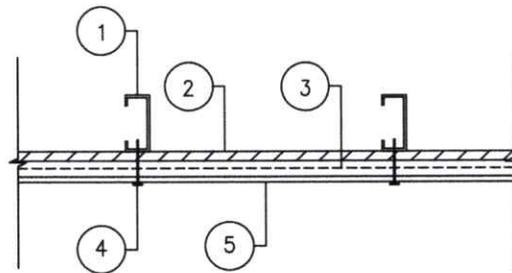
LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	1 5/8x5 1/2" 16 GA. 50 KSI STEEL STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	6d GALV. RING-SHANK NAIL, HEAD DIA.: 0.278", SHANK DIA.: 0.119", LENGTH: 2" FACE NAILED @ 8" O.C HORIZ. AND 5 3/8" O.C VERT.
5	NICHIBOARD 12" SIDING

B
4 NICHIBOARD 12" WALL INSTALLATION INTO STEEL STUDS
PLAN VIEW NOT-TO-SCALE



LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	2x SPF No.2 WOOD STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	8d GALV. RING-SHANK NAIL, HEAD DIA.: 0.279", SHANK DIA.: 0.123", LENGTH: 2 1/2" FACE NAILED @ 16" O.C HORIZ. AND 1" FROM BOTTOM OF PANEL VERT.
5	NICHIBOARD 5 1/4" - 9 1/4" SIDING

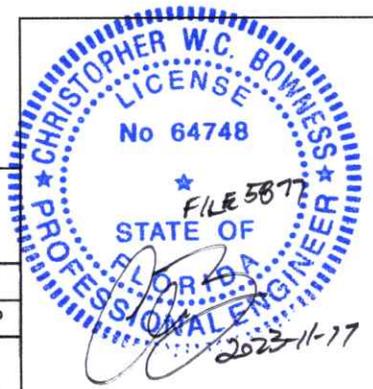
C
4 NICHIBOARD TYP. WALL INSTALLATION INTO WOOD STUDS
PLAN VIEW NOT-TO-SCALE



LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	1 5/8x5 1/2" 16 GA. 50 KSI STEEL STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	#8 SCREW, HEAD DIA.: 0.279", SHANK DIA.: 0.164", LENGTH: 1 3/8" FACE SCREWED @ 16" O.C HORIZ. AND 1" FROM BOTTOM OF PANEL VERT.
5	NICHIBOARD 5 1/4" - 9 1/4" SIDING

D
4 NICHIBOARD TYP. WALL INSTALLATION INTO STEEL STUDS
PLAN VIEW NOT-TO-SCALE

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-1031.04
Expiration Date 07/22/2024
By *[Signature]*
Miami-Dade Product Control



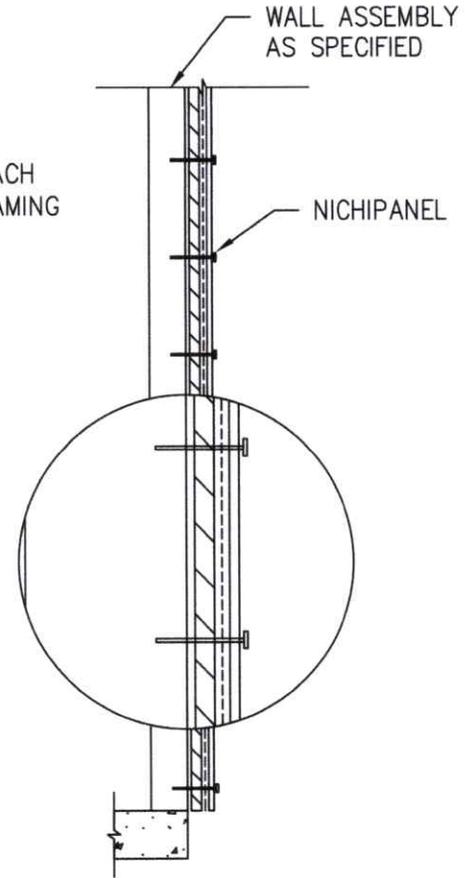
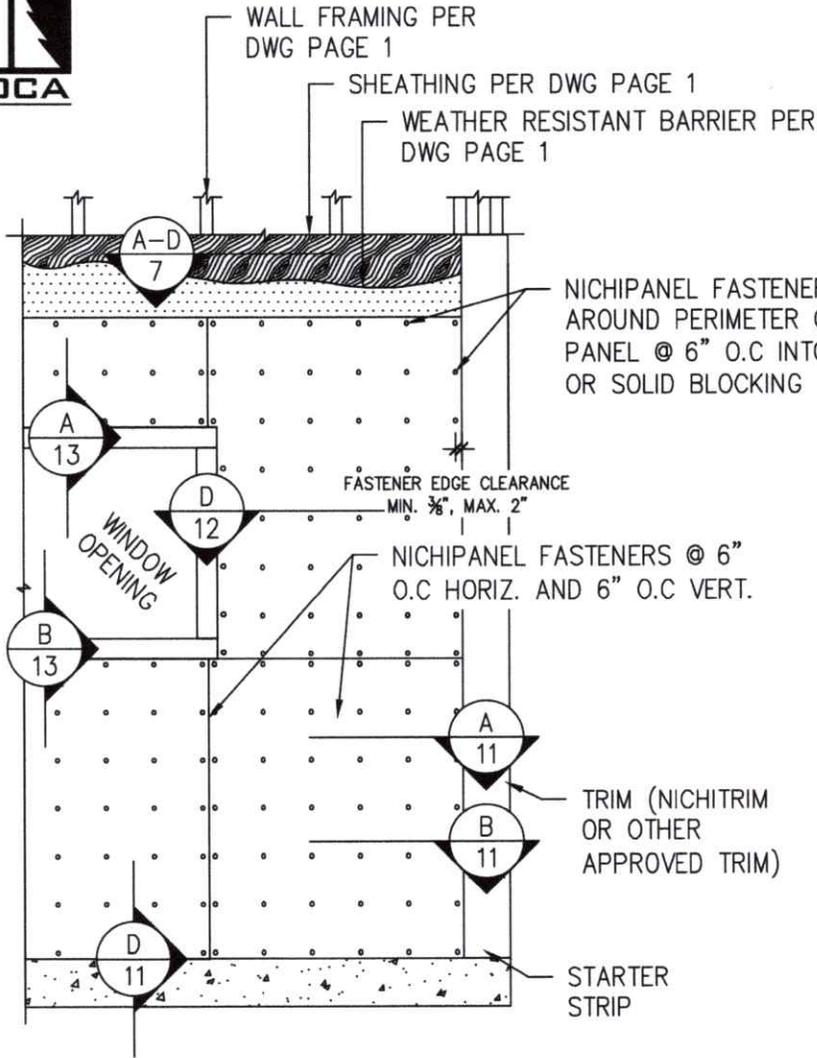
TITLE NICHIBA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIBA USA, INC	PROJECT NICHIPRODUCTS MIAMI DADE NOA
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLONEDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DATE NOVEMBER 17, 2023	REV. 0
DRAWING NO. 5877-SK1	SHEET NO. 4 OF 15	SCALE NOT TO SCALE
		FOR PUBLICATION ISSUE
		CB APP
		DES. CB DRN. NN CHK. CB



PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *R. J. Jones*
 Miami-Dade Product Control

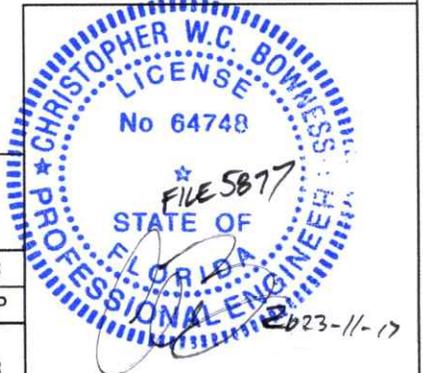
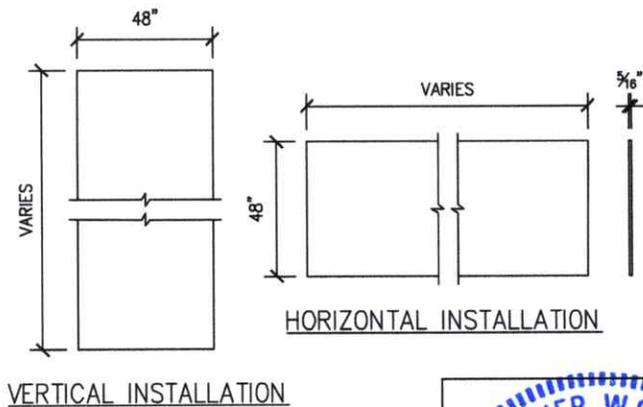


A
 5 NICHIPANEL ALT. WALL INSTALLATION
 ELEVATION VIEW NOT-TO-SCALE

B
 5 NICHIPANEL ALT. WALL INSTALLATION
 SECTION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHTS (IN.)	THICKNESS (IN.)
96,120,144	48	5/16

C
 5 NICHIPANEL DIMENSIONS
 NOT-TO-SCALE



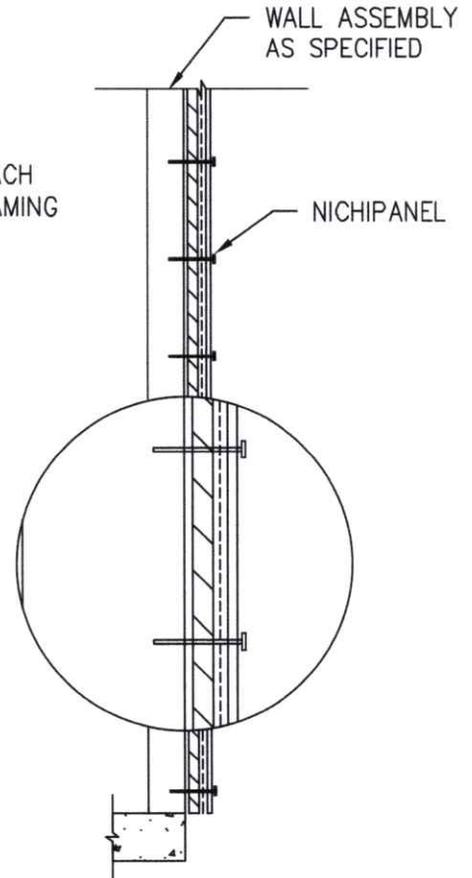
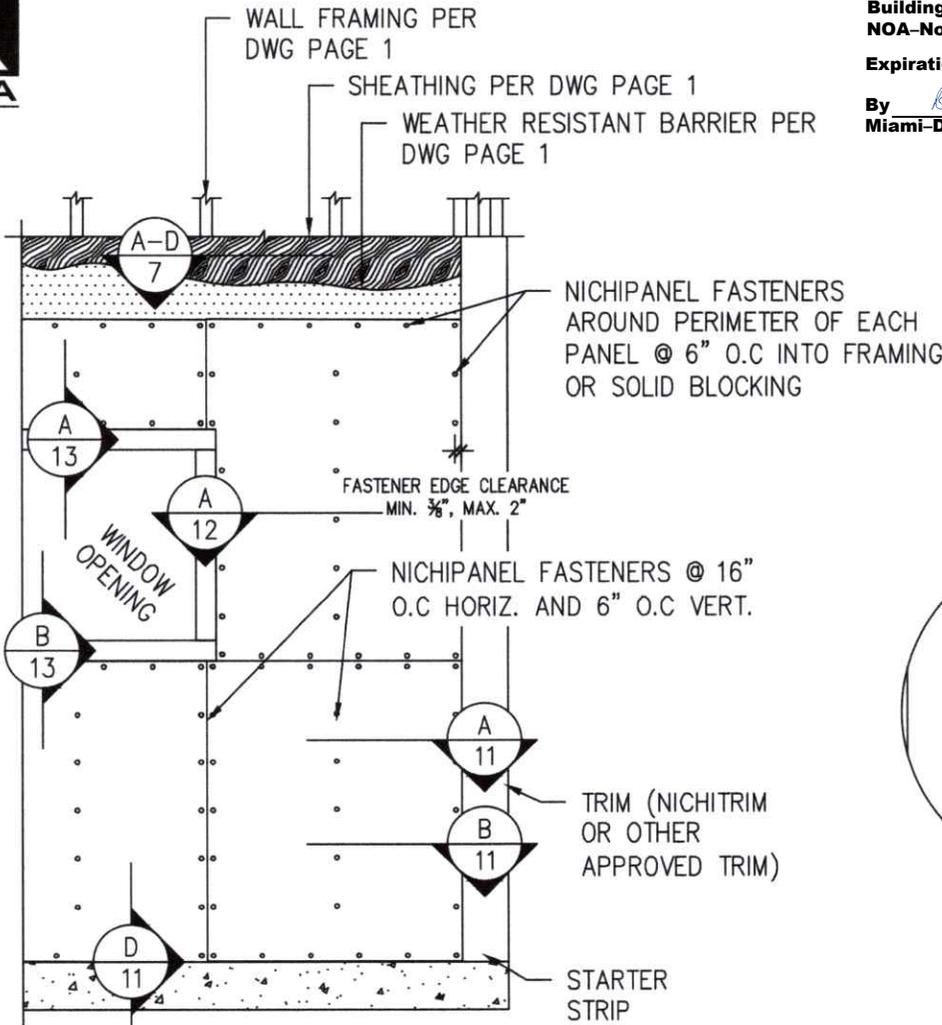
TITLE NICHIIA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIIA USA, INC	PROJECT NICHIPRODUCTS MIAMI DADE NOA				
		DATE NOVEMBER 17, 2023	REV. 0	FOR PUBLICATION ISSUE	CB APP	
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS 203-1001 CLONERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5877-SK1	SHEET NO. 5 OF 15	SCALE NOT TO SCALE	DES. CB	DRN. NN	CHK. CB



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 Building Code
 NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *[Signature]*
 Miami-Dade Product Control

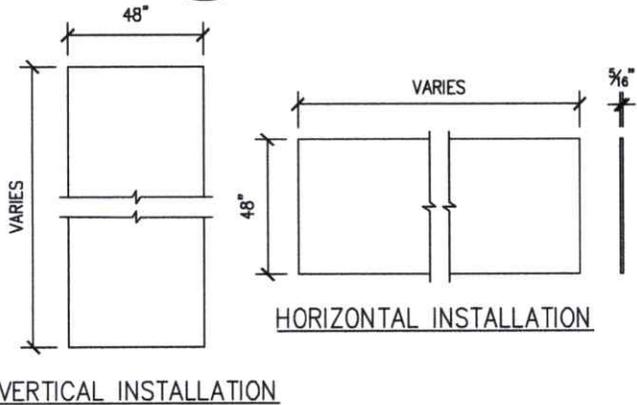


A
6 NICHIPANEL TYP. WALL INSTALLATION
ELEVATION VIEW NOT-TO-SCALE

B
6 NICHIPANEL TYP. WALL INSTALLATION
SECTION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHTS (IN.)	THICKNESS (IN.)
96,120,144	48	5/16

C
6 NICHIPANEL DIMENSIONS
NOT-TO-SCALE



TITLE
 NICHIIA NICHIPRODUCTS ASSEMBLY DRAWINGS

CLIENT
 NICHIIA USA, INC

PROJECT
 NICHIPRODUCTS MIAMI DADE NOA

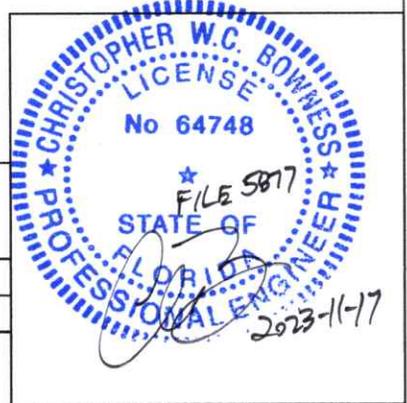
BOCA ENGINEERING
 STRUCTURAL AND CIVIL ENGINEERS
 #203-1001 CLOVERDALE AVE, VICTORIA BC
 V8X 4C9 250-477-7777
 INFO@BOCAENGINEERING.COM
 WWW.BOCAENGINEERING.COM

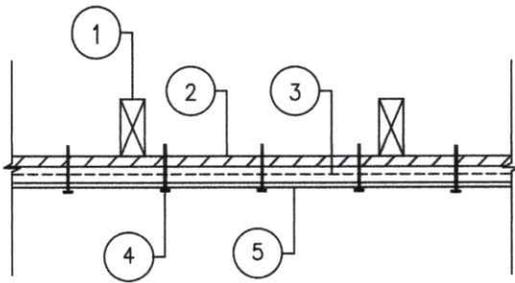
DATE
 NOVEMBER 17, 2023

DRAWING NO.
 5877-SK1

SHEET NO.
 6 OF 15

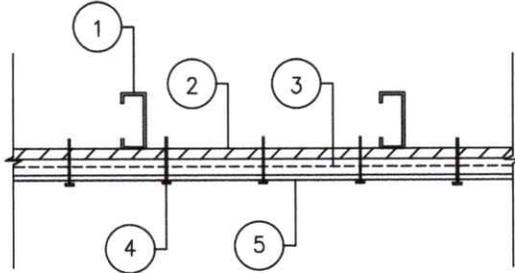
REV. 0	FOR PUBLICATION	CB
	ISSUE	APP
SCALE NOT TO SCALE	DES. CB	DRN. NN
		CHK. CB





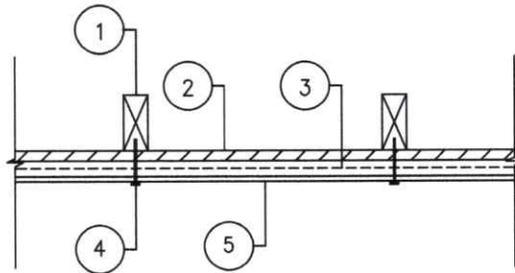
A
7 NICHIPANEL ALT. WALL INSTALLATION INTO WOOD STUDS
PLAN VIEW NOT-TO-SCALE

LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	2x SPF No.2 WOOD STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	6d GALV. RING-SHANK NAIL, HEAD DIA.: 0.278", SHANK DIA.: 0.119", LENGTH: 2" FACE NAILED @ 6" O.C HORIZ. AND 6" O.C VERT.
5	NICHIPANEL SIDING



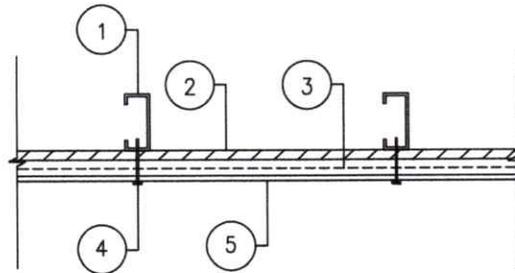
B
7 NICHIPANEL ALT. WALL INSTALLATION INTO STEEL STUDS
PLAN VIEW NOT-TO-SCALE

LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	1 5/8x5 1/2" 16 GA. 50 KSI STEEL STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	#8, 1.625" LONG, 0.164" SHANK DIAMETER, 0.279" HEAD DIAMETER SCREW @ 6" O.C HORIZ. AND VERT.
5	NICHIPANEL SIDING



C
7 NICHIPANEL TYP. WALL INSTALLATION INTO WOOD STUDS
PLAN VIEW NOT-TO-SCALE

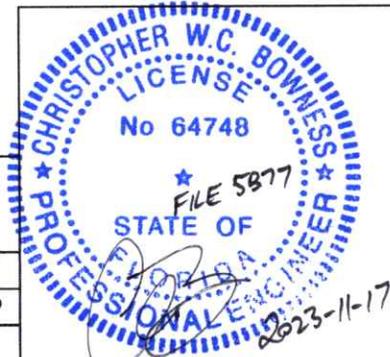
LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	2x SPF No.2 WOOD STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	6d GALV. RING-SHANK NAIL, HEAD DIA.: 0.278", SHANK DIA.: 0.119", LENGTH: 2" FACE NAILED @ 16" O.C HORIZ. AND 6" O.C VERT.
5	NICHIPANEL SIDING



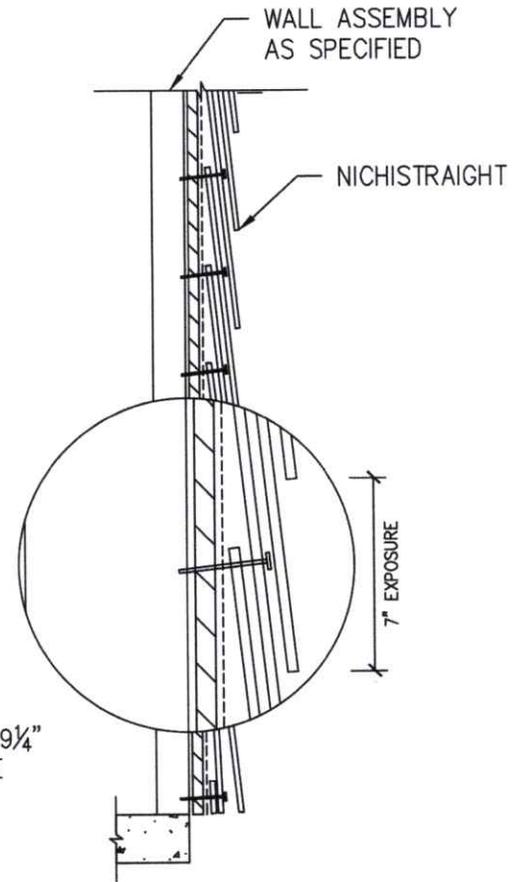
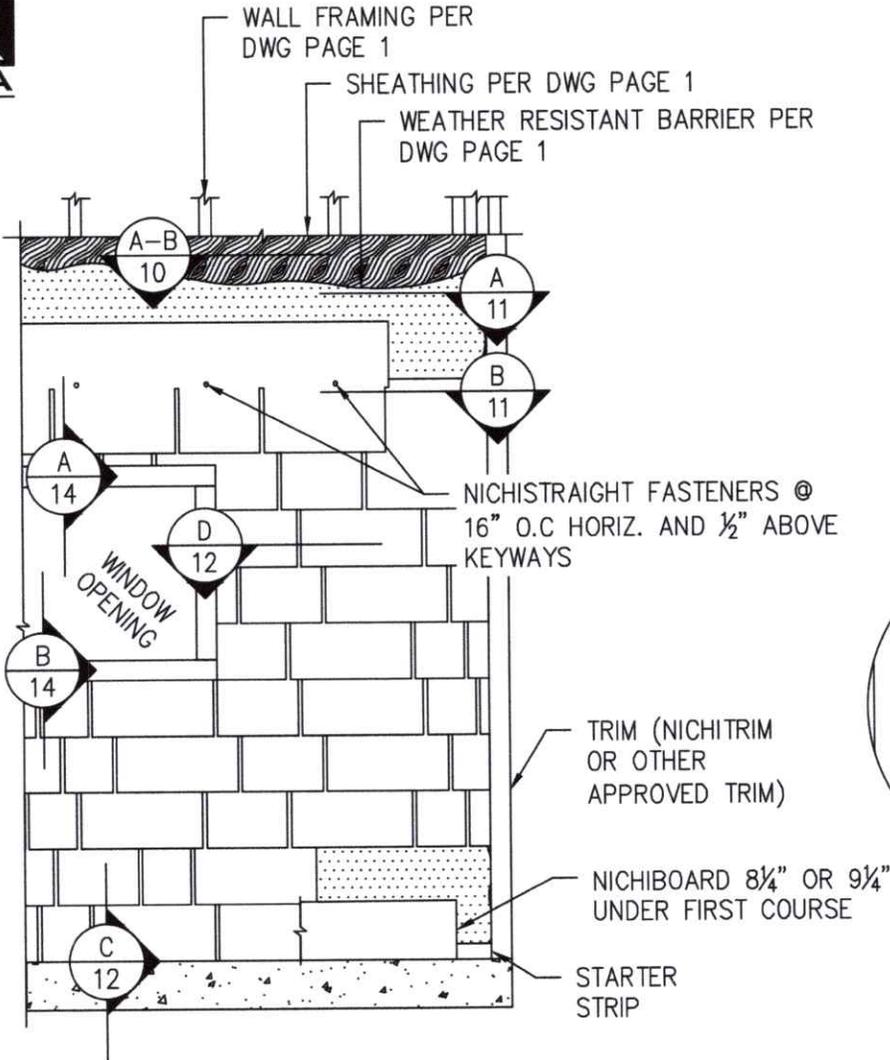
D
7 NICHIPANEL TYP. WALL INSTALLATION INTO STEEL STUDS
PLAN VIEW NOT-TO-SCALE

LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	1 5/8x5 1/2" 18 GA. 33 KSI STEEL STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	#8 SCREW, HEAD DIA.: 0.279", SHANK DIA.: 0.164", LENGTH: 1 5/8" FACE SCREWED @ 16" O.C HORIZ. AND 6" O.C VERT.
5	NICHIPANEL SIDING

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-1031.04
Expiration Date 07/22/2024
By *[Signature]*
Miami-Dade Product Control



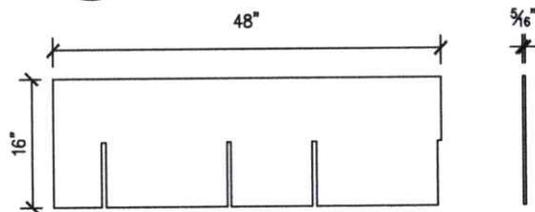
TITLE NICHIBA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIBA USA, INC	PROJECT NICHIPRODUCTS MIAMI DADE NOA
DATE NOVEMBER 17, 2023	REV. 0	FOR PUBLICATION CB
DRAWING NO. 5877-SK1	SHEET NO. 7 OF 15	ISSUE APP
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS 2003-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	SCALE NOT TO SCALE	DES. CB DRN. NN CHK. CB



A NICHISTRAIGHT TYP. WALL INSTALLATION
8 ELEVATION VIEW NOT-TO-SCALE

B NICHISTRAIGHT TYP. WALL INSTALLATION
8 SECTION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHT (IN.)	THICKNESS (IN.)
48	16	5/16

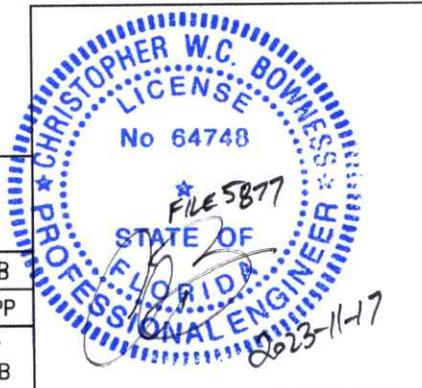


C NICHISTRAIGHT DIMENSIONS
8 NOT-TO-SCALE

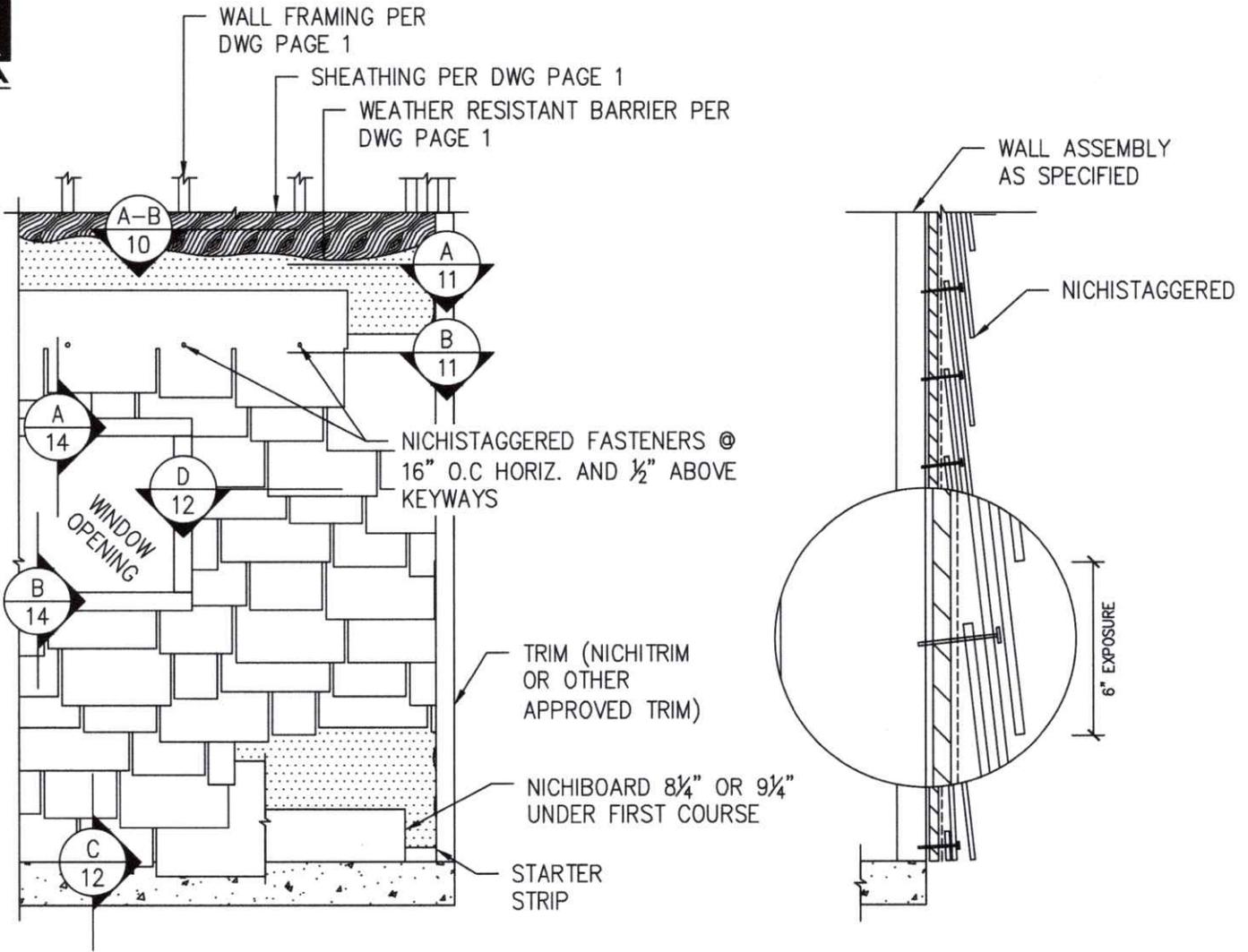
PRODUCT REVISED
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 NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *[Signature]*
 Miami-Dade Product Control



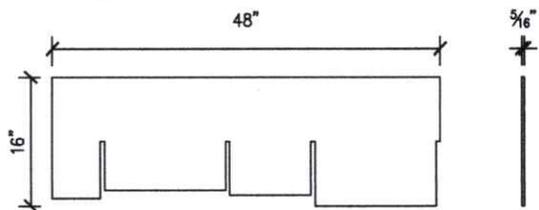
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		DATE NOVEMBER 17, 2023	REV. 0	FOR PUBLICATION ISSUE	CB APP	
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS 1203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM	DRAWING NO. 5877-SK1	SHEET NO. 8 OF 15	SCALE NOT TO SCALE	DES. CB	DRN. NN	CHK. CB



A
9 NICHISTAGGERED TYP. WALL INSTALLATION
ELEVATION VIEW NOT-TO-SCALE

B
9 NICHISTAGGERED TYP. WALL INSTALLATION
SECTION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHT (IN.)	THICKNESS (IN.)
48	16	5/16

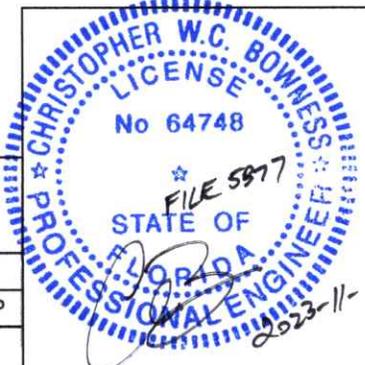


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NOT-TO-SCALE

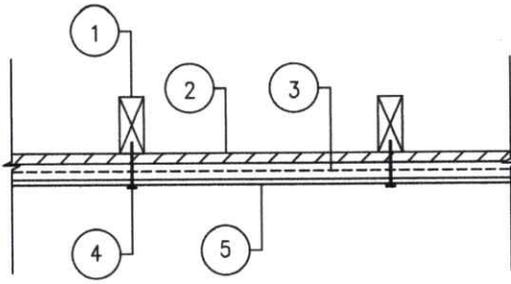
PRODUCT REVISED
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Building Code
NOA-No. 23-1031.04

Expiration Date 07/22/2024

By *[Signature]*
Miami-Dade Product Control



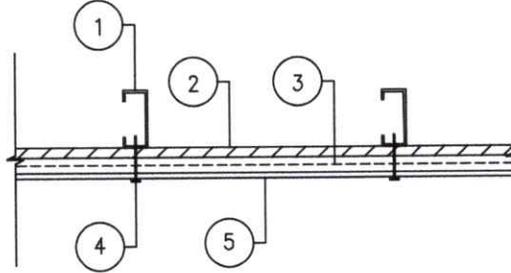
TITLE NICHIIA NICHIPRODUCTS ASSEMBLY DRAWINGS	CLIENT NICHIIA USA, INC	PROJECT NICHIPRODUCTS MIAMI DADE NOA				
		DATE NOVEMBER 17, 2023	REV. 0	FOR PUBLICATION	CB	
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS <small>203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM</small>	DRAWING NO. 5877-SK1	SHEET NO. 9 OF 15	SCALE NOT TO SCALE	DES. CB	DRN. NN	CHK. CB



LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	2x SPF No.2 WOOD STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	8d GALV. RING-SHANK NAIL, HEAD DIA.: 0.279", SHANK DIA.: 0.123", LENGTH: 2 1/2" BLIND NAILED @ 16" O.C HORIZ. AND 1/2" ABOVE KEYWAYS VERT.
5	NICHISTRAIGHT/STAGGERED SIDING

A
10

NICHISTRAIGHT/STAGGERED TYP. WALL INSTALLATION INTO WOOD STUDS
PLAN VIEW NOT-TO-SCALE

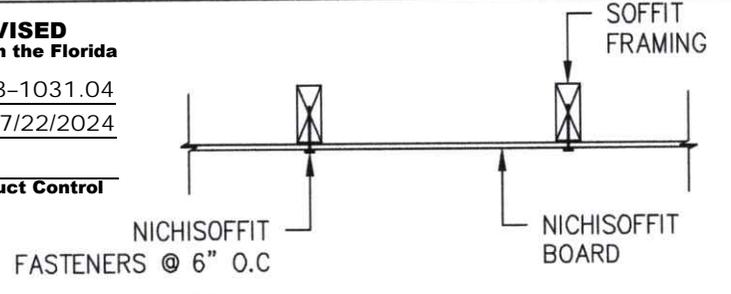
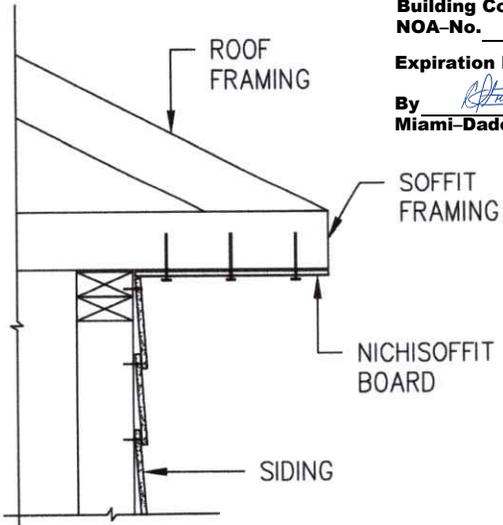


LIGHT-FRAMED STUD WALL INSTALLATION INTERIOR TO EXTERIOR	
1	1 5/8x5 1/2" 18 GA. 33 KSI STEEL STUDS @ 16" O.C.
2	5/8" PLYWOOD SHEATHING ATTACHED TO FRAMING PER CODE
3	WEATHER RESISTANT BARRIER TO CODE
4	#8 SCREW, HEAD DIA.: 0.279", SHANK DIA.: 0.164", LENGTH: 1 5/8" BLIND SCREWED @ 16" O.C HORIZ. AND 1/2" ABOVE KEYWAYS VERT.
5	NICHISTRAIGHT/STAGGERED SIDING

B
10

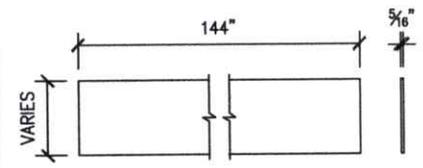
NICHISTRAIGHT/STAGGERED TYP. WALL INSTALLATION INTO STEEL STUDS
PLAN VIEW NOT-TO-SCALE

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NOA-No. 23-1031.04
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D
10 NICHISOFFIT TYP. WALL INSTALLATION
FRONT ELEVATION VIEW NOT-TO-SCALE

LENGTH (IN.)	HEIGHTS (IN.)	THICKNESS (IN.)
96, 144	12, 16, 24, 48	1/4



C
10

NICHISOFFIT TYP. WALL INSTALLATION
SIDE ELEVATION VIEW NOT-TO-SCALE

E
10

NICHISOFFIT DIMENSIONS
NOT-TO-SCALE

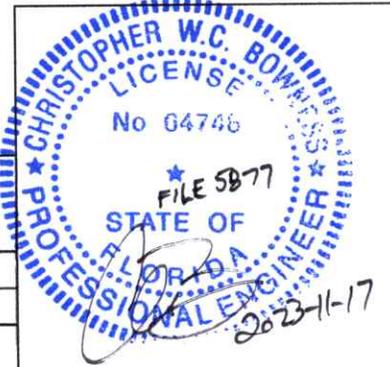
TITLE
NICHIIA NICHIPRODUCTS ASSEMBLY DRAWINGS

CLIENT
NICHIIA USA, INC

PROJECT
NICHIPRODUCTS MIAMI DADE NOA

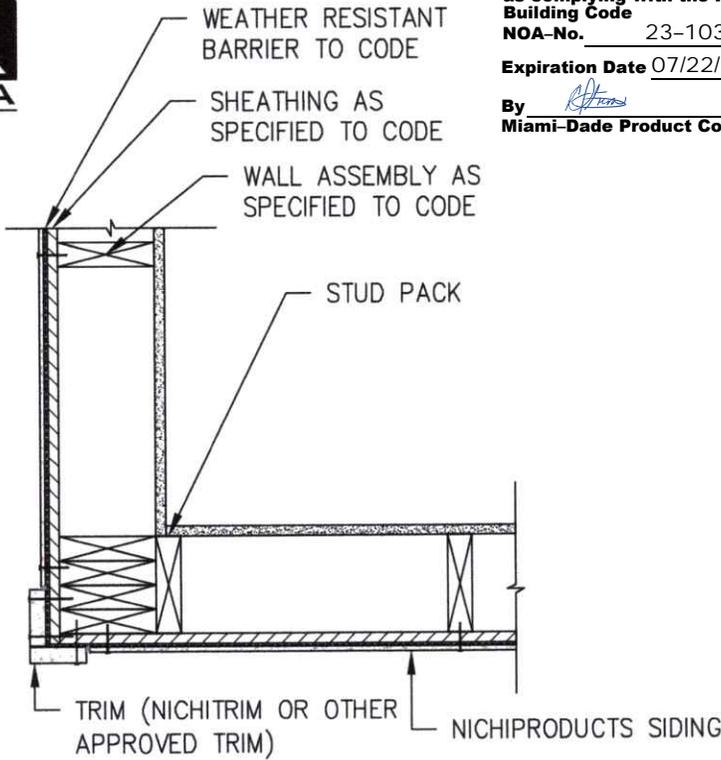
BOCA ENGINEERING
STRUCTURAL AND CIVIL ENGINEERS
203-1001 CLOVERDALE AVE, VICTORIA BC
V8X 4C9 250-477-7777
INFO@BOCAENGINEERING.COM
WWW.BOCAENGINEERING.COM

DATE NOVEMBER 17, 2023	REV. 0	FOR PUBLICATION ISSUE	CB APP
DRAWING NO. 5877-SK1	SHEET NO. 10 OF 15	SCALE NOT TO SCALE	DES. DRN. CHK. CB NN CB

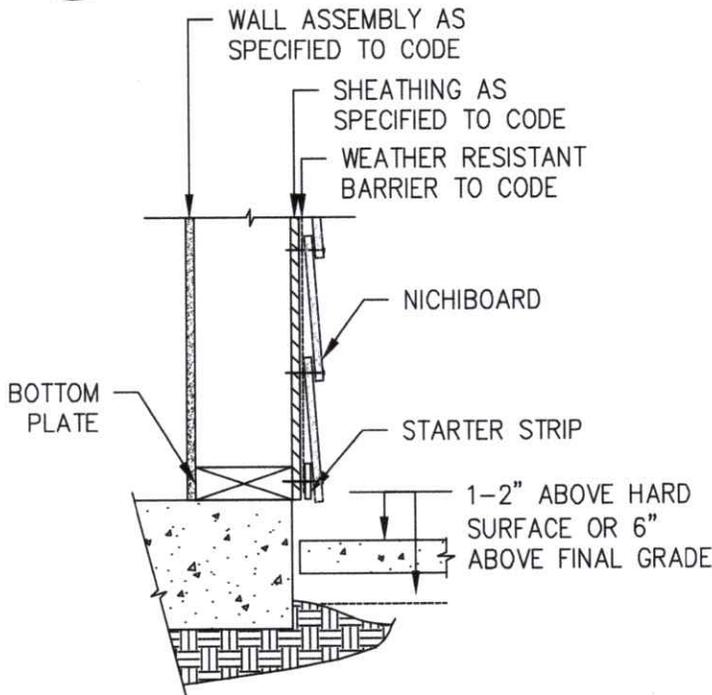




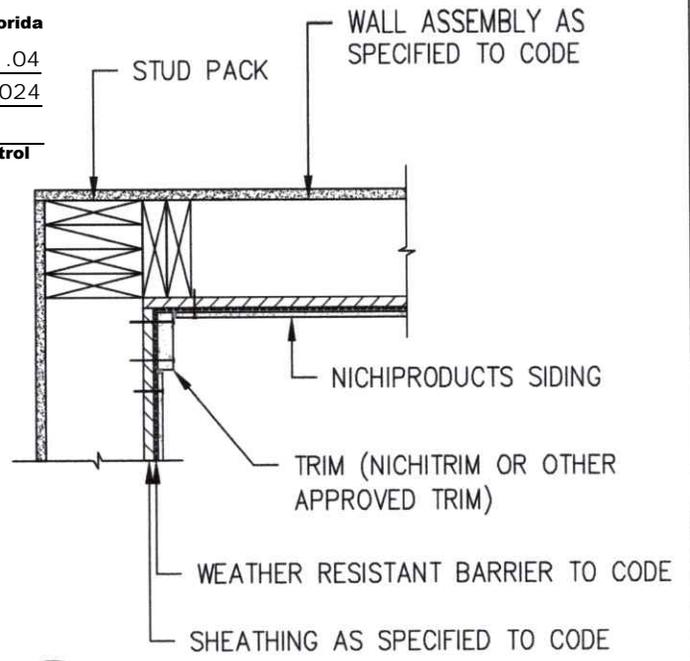
PRODUCT REVISED
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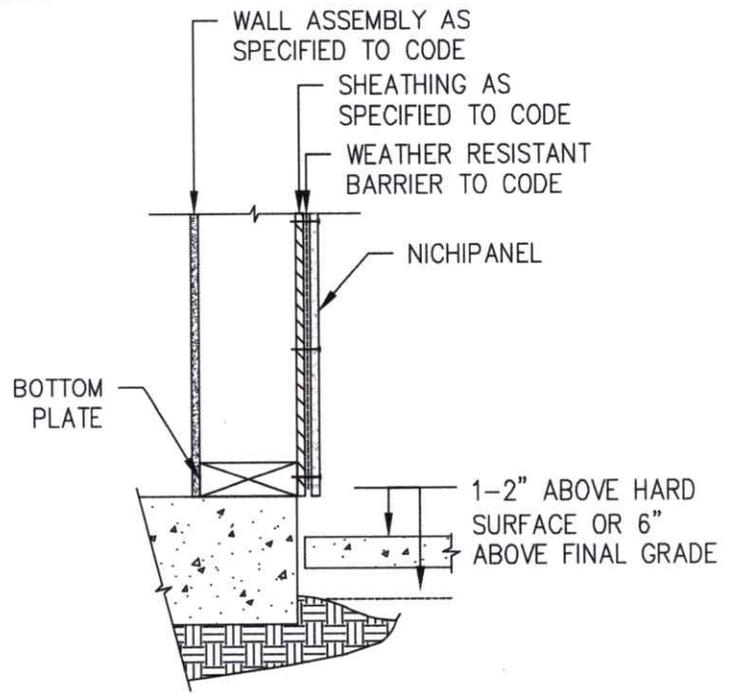
A
11 NICHIPRODUCTS OUTSIDE CORNER DETAIL
NOT-TO-SCALE



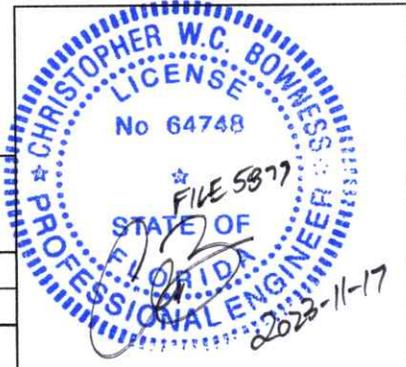
C
11 NICHIBOARD BASE OF WALL
SECTION VIEW NOT-TO-SCALE



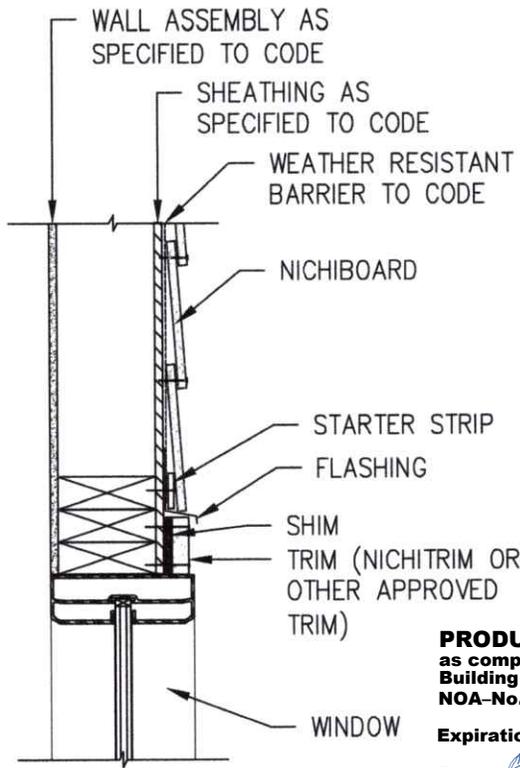
B
11 NICHIPRODUCTS INSIDE CORNER DETAIL
NOT-TO-SCALE



D
11 NICHIPANEL BASE OF WALL
SECTION VIEW NOT-TO-SCALE

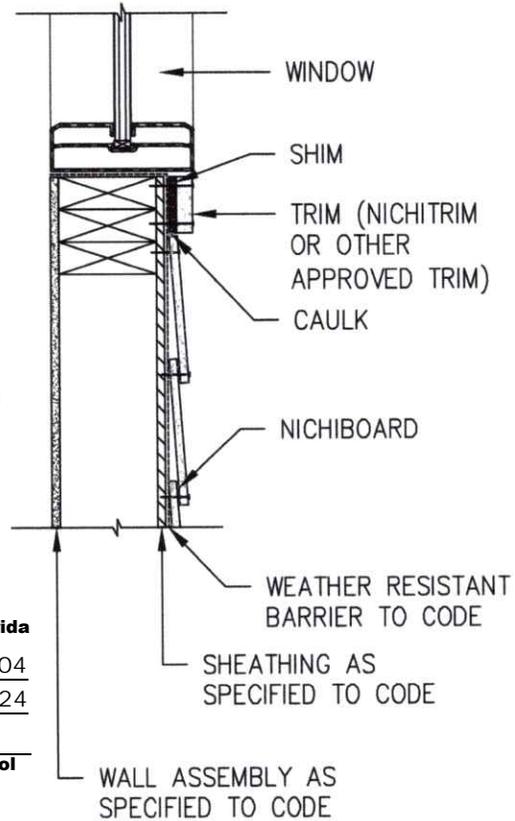


<p>BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLONERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM</p>	TITLE	CLIENT	PROJECT		
	NICHIHA NICHIPRODUCTS ASSEMBLY DRAWINGS	NICHIHA USA, INC	NICHIPRODUCTS MIAMI DADE NOA		
	DATE	NOVEMBER 17, 2023	REV.	FOR PUBLICATION	CB
DRAWING NO.	5877-SK1	SHEET NO.	11 OF 15	SCALE	NOT TO SCALE
			DES.	DRN.	CHK.
			CB	NN	CB

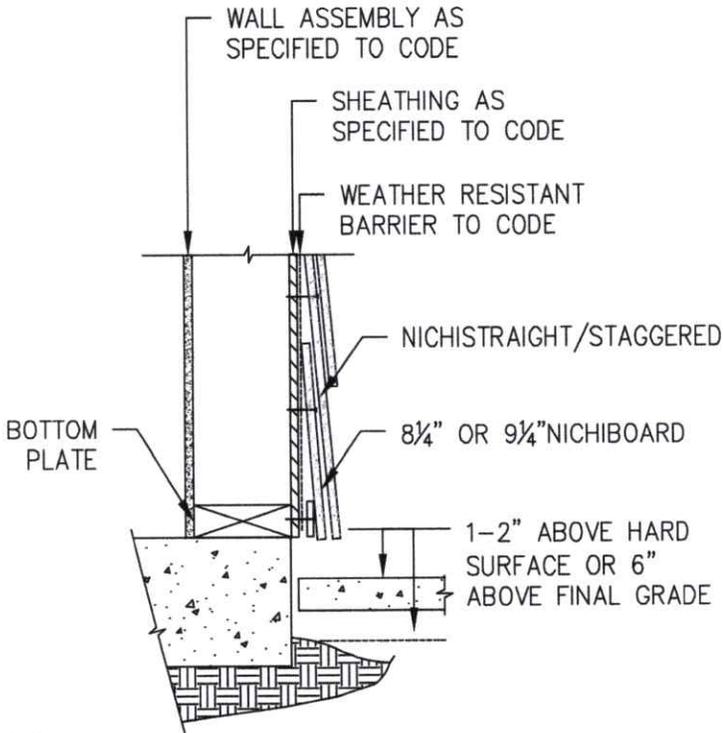


A
12 NICHIBOARD WINDOW HEAD
SECTION VIEW NOT-TO-SCALE

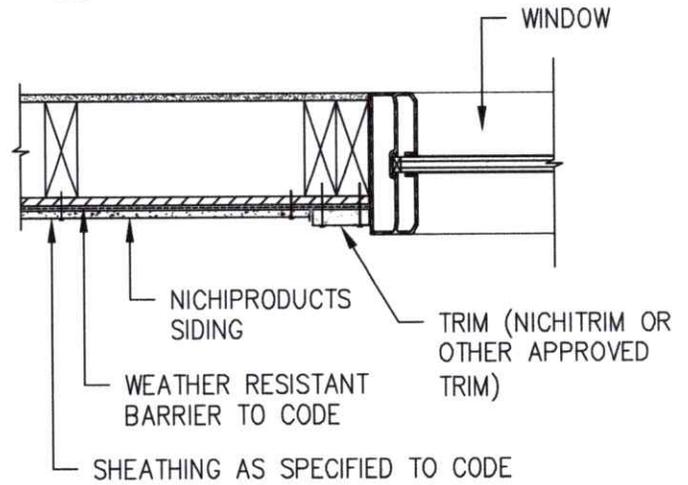
PRODUCT REVISED
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Building Code
NOA-No. 23-1031.04
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Miami-Dade Product Control



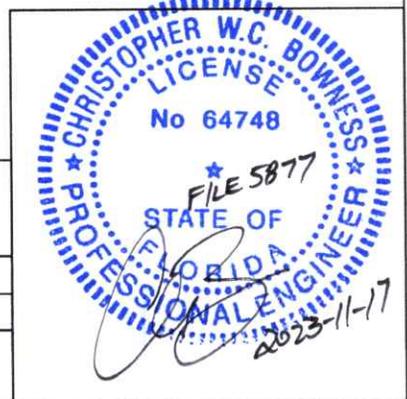
B
12 NICHIBOARD WINDOW SILL
SECTION VIEW NOT-TO-SCALE



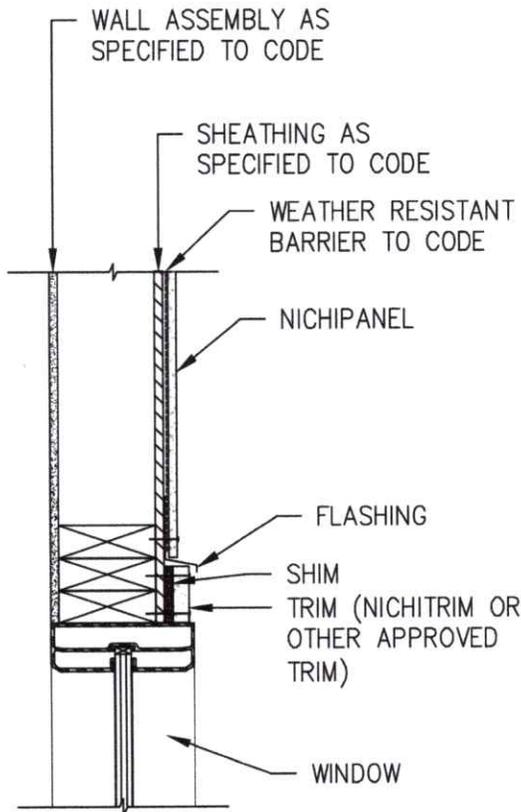
C
12 NICHISTRAIGHT/STAGGERED BASE OF WALL
SECTION VIEW NOT-TO-SCALE



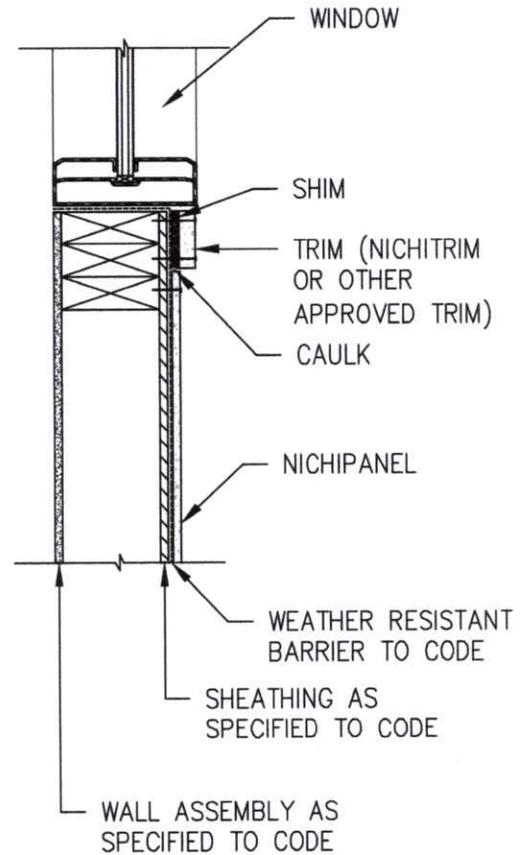
D
12 NICHIPRODUCTS WINDOW JAM
SECTION VIEW NOT-TO-SCALE



<p>BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS 203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM</p>	TITLE	CLIENT	PROJECT			
	NICHIHA NICHIPRODUCTS ASSEMBLY DRAWINGS	NICHIHA USA, INC	NICHIPRODUCTS MIAMI DADE NOA			
DATE	REV.	FOR PUBLICATION		CB		
NOVEMBER 17, 2023	0	ISSUE		APP		
DRAWING NO.	SHEET NO.	SCALE	DES.	DRN.	CHK.	
5877-SK1	12 OF 15	NOT TO SCALE	CB	NN	CB	



A
13 NICHIPANEL WINDOW HEAD
SECTION VIEW NOT-TO-SCALE



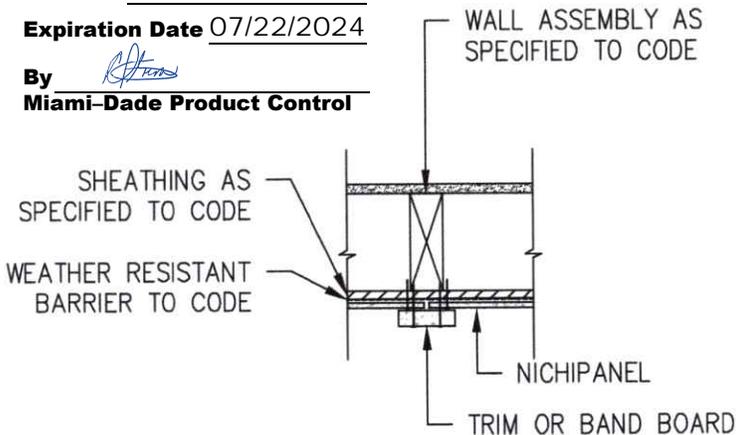
B
13 NICHIPANEL WINDOW SILL
SECTION VIEW NOT-TO-SCALE

PRODUCT REVISED
as complying with the Florida Building Code

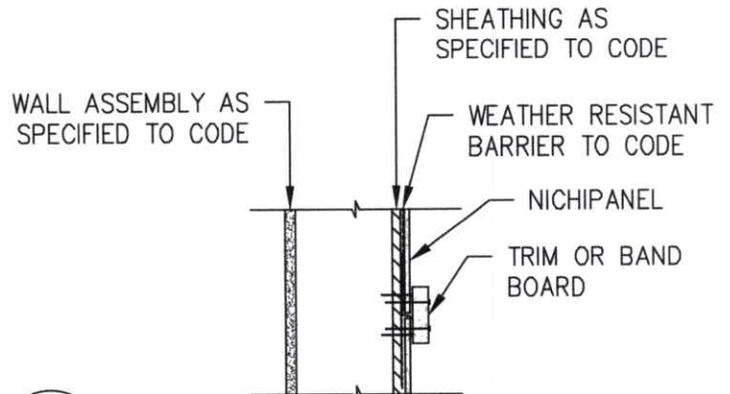
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Expiration Date 07/22/2024

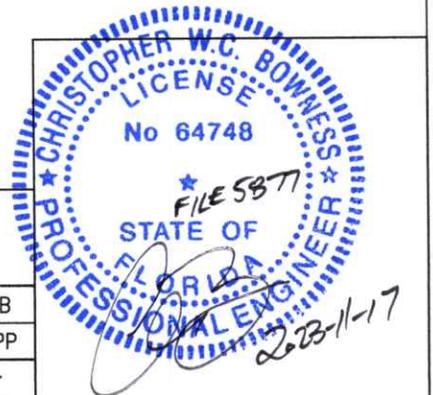
By *[Signature]*
Miami-Dade Product Control



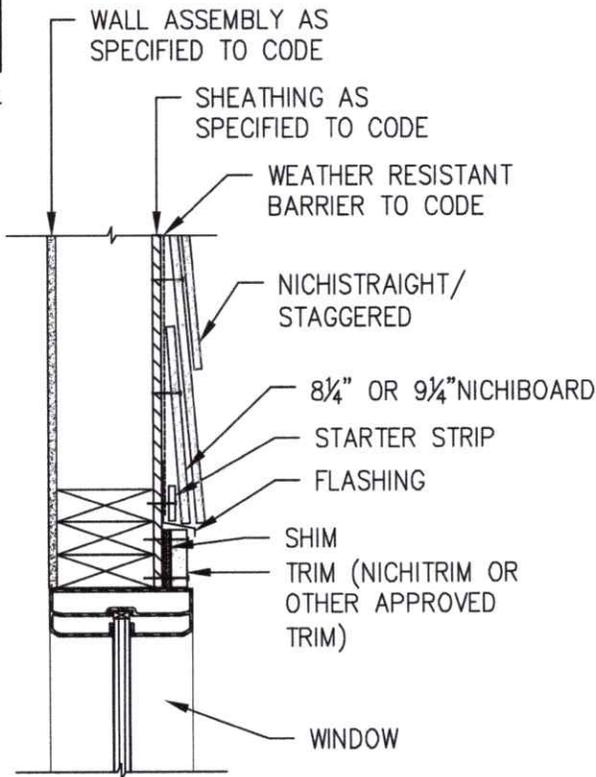
C
13 NICHIPANEL VERTICAL JOINT TREATMENT
PLAN VIEW NOT-TO-SCALE



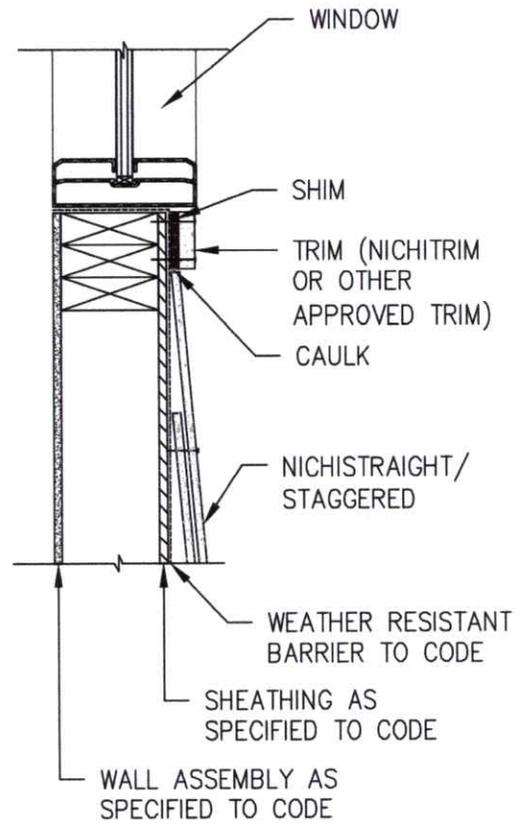
D
13 NICHIPANEL HORIZONTAL JOINT TREATMENT
SECTION VIEW NOT-TO-SCALE



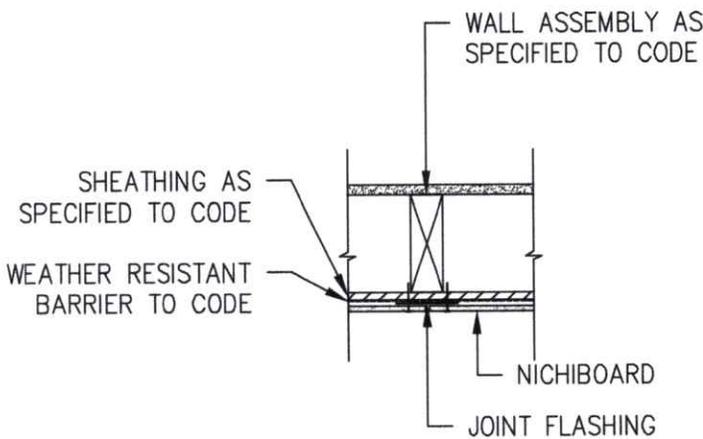
TITLE NICHIIA NICHIPRODUCTS ASSEMBLY DRAWINGS		CLIENT NICHIIA USA, INC		PROJECT NICHIPRODUCTS MIAMI DADE NOA			
BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM		DATE NOVEMBER 17, 2023		REV. 0	FOR PUBLICATION	CB	
DRAWING NO. 5877-SK1		SHEET NO. 13 OF 15		SCALE NOT TO SCALE	DES. CB	DRN. NN	CHK. CB



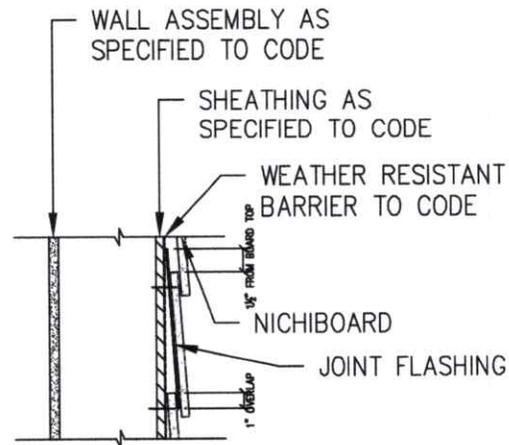
A
14 NICHISTRAIGHT/STAGGERED WINDOW HEAD
SECTION VIEW NOT-TO-SCALE



B
14 NICHISTRAIGHT/STAGGERED WINDOW SILL
SECTION VIEW NOT-TO-SCALE

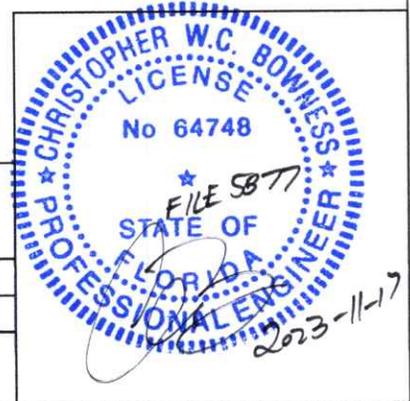


C
14 NICHIBOARD VERTICAL JOINT TREATMENT
PLAN AND SECTION VIEW NOT-TO-SCALE



PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 23-1031.04
Expiration Date 07/22/2024
By *[Signature]*
Miami-Dade Product Control

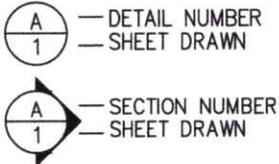
<p>BOCA ENGINEERING STRUCTURAL AND CIVIL ENGINEERS #203-1001 CLOVERDALE AVE, VICTORIA BC V8X 4C9 250-477-7777 INFO@BOCAENGINEERING.COM WWW.BOCAENGINEERING.COM</p>	TITLE	CLIENT	PROJECT					
	NICHIHA NICHIPRODUCTS ASSEMBLY DRAWINGS	NICHIHA USA, INC	NICHIPRODUCTS MIAMI DADE NOA					
	DATE	NOVEMBER 17, 2023	REV.	FOR PUBLICATION	CB			
DRAWING NO.	5877-SK1	SHEET NO.	14 OF 15	SCALE	NOT TO SCALE	DES.	DRN.	CHK.
					CB	NN	CB	





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LEGEND AND SYMBOLS



TESTING AND CODE COMPLIANCE

1. THE SIDING PRODUCT ASSEMBLY SHOWN IS DESIGNED TO COMPLY WITH THE 8TH EDITION (2023) FLORIDA BUILDING CODE (FBC) HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING TEST STANDARDS FOR IMPACT, WIND PRESSURE, AND WIND-DRIVEN RAIN: TAS 201-94, TAS 202-94, TAS 203-94.
2. THE STRUCTURAL FRAMING AND SHEATHING SHALL BE DESIGNED AND ANCHORED TO PROVIDE LATERAL BRACING AND PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. FRAMING DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. THESE DRAWINGS APPLY TO THE TESTING ASSEMBLY ONLY AND DO NOT IMPLY THAT THE SIGNATORY ENGINEER IS THE DESIGNER OF RECORD FOR ANY FUTURE CONSTRUCTION ON WHICH THEY ARE USED.
4. SOME NON-STRUCTURAL COMPONENTS NOT SHOWN AND DO NOT IMPACT STRENGTH FOR ATTACHMENT. TO BE INSTALLED PER CODE AND MAY INCLUDE: FLASHING, INTERIOR INSULATION, INTERIOR FINISH.

INSTALLATION

THE INSTALLATION DETAILS DESCRIBED ARE OF THE LABORATORY TESTED ASSEMBLY AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THE LICENSED ENGINEER OR ARCHITECT PREPARED SITE-SPECIFIC DOCUMENTS SHALL BE USED.

SHEATHING

1. WOOD-BASED STRUCTURAL SHEATHING TO CONFORM TO US DOC PS1-09 OR PS2-10 U.N.O.

FASTENERS

1. NAILS TO CONFORM TO ASTM F1667
2. METAL SCREWS TO CONFORM TO ASTM C1513

FRAMING

1. METAL FRAMING MEMBERS MINIMUM 18 GAUGE U.N.O., 33ksi, COMPLIANCE WITH ANSI S100-16
2. WOOD FRAMING MIN. 2x4 S.G. 0.42, COMPLIANCE WITH US DOC PS20-05

FIBER CEMENT

1. FIBER CEMENT CLADDING TO CONFORM TO ASTM C1186-08(16) GRADE A TYPE 2



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