

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

Longboard Architectural Products #120-1777 Clearbrook Rd. V2T 5X5, B.C., Canada

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: V-Groove and Smooth Planks Aluminum Siding Systems

APPROVAL DOCUMENT: Drawing titled "6" V-Groove and 6" Smooth Planks", sheets 1 through 10 of 10, dated 11/30/2022, prepared by Calc Engineering, signed and sealed by Masood Hajali, PhD, P.E. on 01/04/2023, 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: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 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.**

MIAMI-DADE COUNTY APPROVED

Hum

NOA No. 22-0209.01 Expiration Date: January 26, 2028 Approval Date: January 26, 2023 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing titled "6" V-Groove and 6" Smooth Planks", sheets 1 through 10 of 10, dated 11/30/2022, prepared by Calc Engineering, signed and sealed by Masood Hajali, PhD, P.E. on 01/04/2023.

B. TESTS

- 1. 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 6" Aluminum T&G V-Groove Siding, prepared by Intertek, Test Report No.104810579COQ-004A, dated 11/15/2021, signed and sealed by Tyler Westerling, 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 6" Aluminum Smooth Panelboard Siding, prepared by Intertek, Test Report No.104810579COQ-004B, dated 11/15/2021, signed and sealed by Tyler Westerling, P.E.

3. Test reports on Tensile Test per ASTM E8-16 of Aluminum Siding Panels, prepared by Intertek, Test Report No.104810579TOR-005, dated 11/26/2021, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

Structural calculations for fasteners, prepared by Calc Engineering, dated 11/07/2022, signed and sealed by Masood Hajali, PhD, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

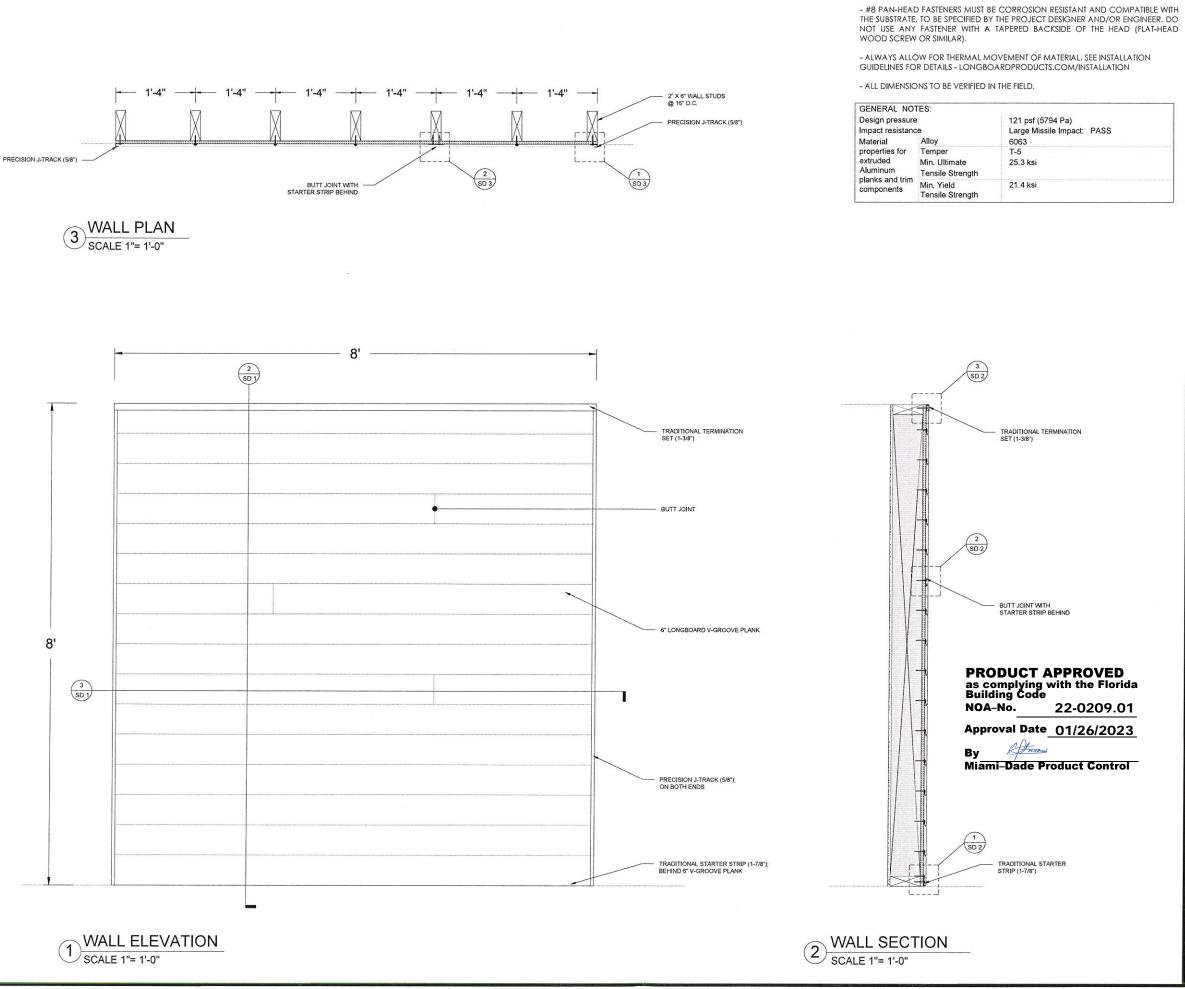
1. None.

F. STATEMENTS

- 1. Statement letter of code conformance to the 7th edition (2020) of the FBC issued, by Calc Engineering, dated 10/05/2022, signed and sealed by Masood Hajali, PhD, P.E.
- 2. Statement letter of no financial interest issued by Calc Engineering, dated 10/05/2022, signed and sealed by Masood Hajali, PhD, P.E.
- **3.** Distributor agreement dated 01/13/2022.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 22-0209.01

Expiration Date: January 26, 2028 Approval Date: January 26, 2023



GENERAL NO	ΓES:		
Design pressure		121 psf (5794 Pa)	
Impact resistance		Large Missile Impact: PASS	
Material properties for extruded Aluminum planks and trim components	Alloy	6063	
	Temper	T-5	
	Min. Ultimate Tensile Strength	25.3 ksi	
	Min. Yield Tensile Strength	21.4 ksi	

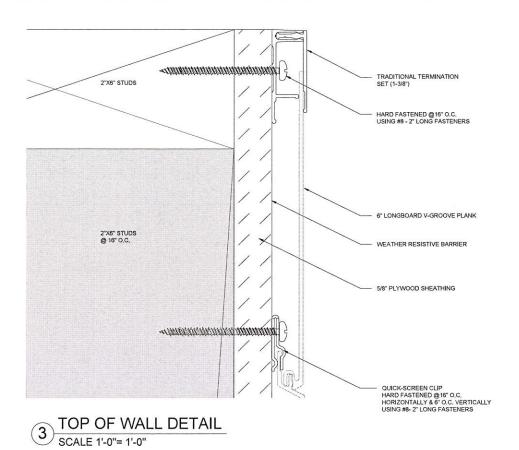


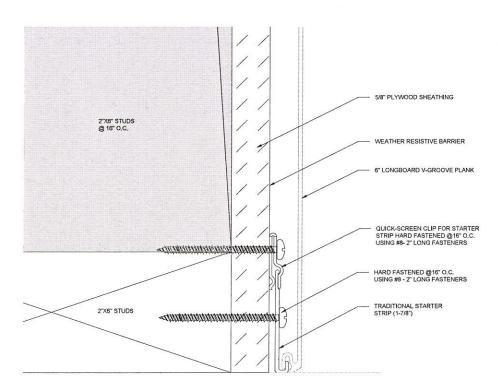
Calc Engineering

PROTO

MIAMI-DADE TESTING 6" V-GROOVE PLANK PLAN, ELEVATION & SECTION PROJECT: PROFILE: TITLE:

AUGUST 30/2021 NOVEMBER 30/2022





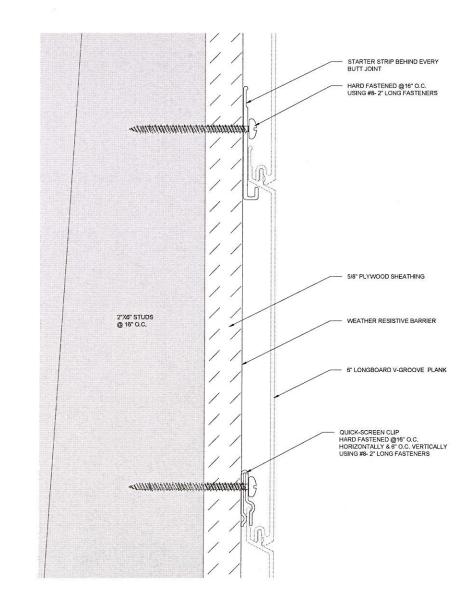
1) BOTTOM OF WALL DETAIL
SCALE 1'-0"= 1'-0"

PRODUCT APPROVED
as complying with the Florida
Building Code NOA-No. 22-0209.01

Approval Date 01/26/2023

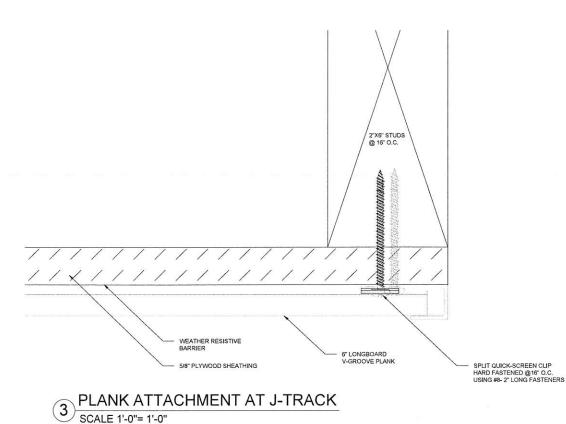
Strong

Miami-Dade Product Control



BUTT JOINT SECTION DETAIL
SCALE 1'-0"= 1'-0"

ONGBOARD®
ARCHITECTURAL PRODUCTS
77 Clearbrook Road, VZT 5X5, B.C. Canada
p: 1.800.604.0343
e: info@longboardproducts.com Second Strains IGINEERING T 102 DORAL FL 33172) 898-9995 S CA CERTIFICATION: 32 O Calc Engineering PARTO DE LEGION W MIAMI-DADE TESTING 6" V-GROOVE PLANK ENLARGED SECTION DETAILS PROFILE: TITLE: MS AUGUST 30/2021 NOVEMBER 30/2022



GENERAL NOTES:

- 1. SIDING PRODUCTS, CLIPS AND FASTENERS SHOWN ON THIS APPROVAL HAVE BEEN DESIGNED AND TESTED TO MEET OR EXCEED THE SPECIFICATIONS OF THE FLORIDA BUILDING CODE 2020 (7TH EDITION), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2. ALL ITEMS ON THIS NOA SHALL BE INSTALLED AS PER THE SPECIFICATIONS OF THE FLORIDA BUILDING CODE 2020 (7TH EDITION), ALUMINUM DESIGN MANUAL 2015, NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION AND ANY OTHER LOCAL BUILDING CODE AMENDMENTS OR REQUIREMENTS BY THE AUTHORITY
- 3. DESIGN PRESSURE SHOWN ARE SERVICE LOADS (ASD). TO OBTAIN ULTIMATE LOADS MULTIPLY BY 1.67.

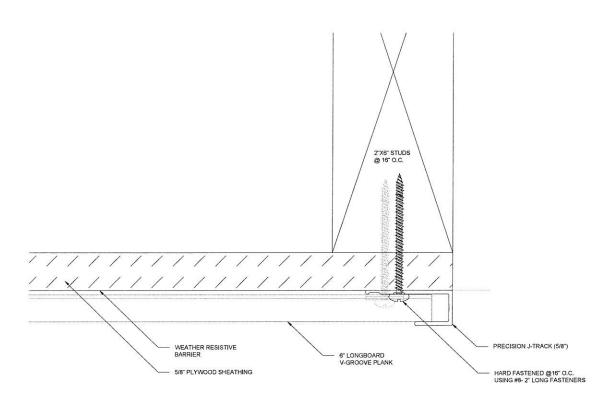
 4. APPROVAL APPLIES TO PANEL SIZE SHOWN. DO NOT EXCEED PANEL MAXIMUM DIMENSIONS.

 5. PRODUCT ASSEMBLY AS SHOWN IS LARGE MISSILE IMPACT RESISTANT AS PER TAS 201-94.
- 6. WALL STUDS AND PLYWOOD WALL SHEATHING SHALL BE DESIGNED BY THE ENGINEER OF RECORD AND SHALL BE CAPABLE OF RESISTING THE WIND LOADS SHOWN ON THIS APPROVAL, INCLUDING THEIR CONNECTIONS TO THE HOST STRUCTURE AND BETWEEN THEMSELVES.
- 7. ALL 2X6 WOOD MEMBERS SHALL BE SPF No. 2 OR BETTER, MOISTURE CONTENT < 19%, SG=0.55 OR BETTER. MEMBER SIZE NOMINAL.
- 8. ALL SUPPORTING STRUCTURE MATERIALS AND CONNECTORS MAY BE SUBSTITUTED WITH EQUAL OR BETTER, WITH THE APPROVAL OF ENGINEER OF RECORD.
- 9. ALL FASTENERS SHALL BE GALVANIZED.
- 10. ALL CLIPS SHALL BE STAINLESS STEEL SAE 304
- 11. INSPECTIONS: SHALL COMPLY WITH THE LOCAL BUILDING CODE REQUIREMENTS FOR INSPECTIONS (BY THE MUNICIPALITY, ARCHITECT OR ENGINEER). INSPECTOR SHALL VERIFY THAT BACKING WOOD MEMBERS DO NOT SPLIT AS A RESULT OF FASTENER INSTALLATION.

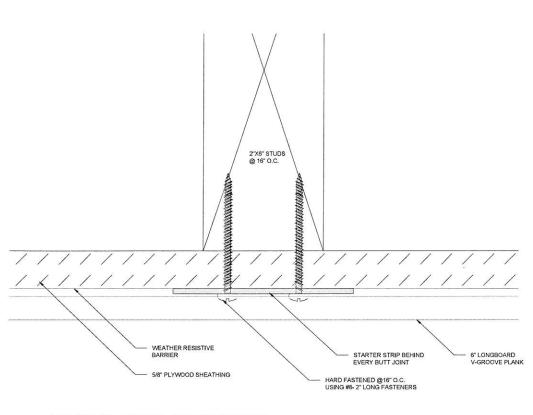
PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 22-0209.01

Approval Date 01/26/2023

Miami-Dade Product Control



J-TRACK ATTACHMENT (Typ. on both ends)
SCALE 1'-0"= 1'-0"

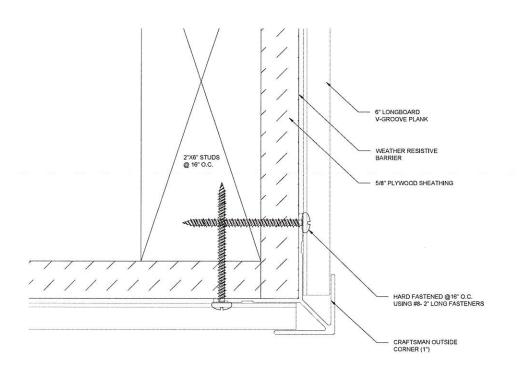


TYPICAL BUTT-JOINT DETAIL
SCALE 1'-0"= 1'-0"

GINEERING 1 102 DORAL FL 33172 Calc Engineering ENLARGED PLAN DETAILS MIAMI-DADE TESTING 6" V-GROOVE PLANK PROFILE: TITLE: MS AUGUST 30/2021 NOVEMBER 30/2022

ONGB BEERESTERNOOF

ARD (2



3 TYPICAL OUTSIDE CORNER DETAIL SCALE 1'-0"= 1'-0"

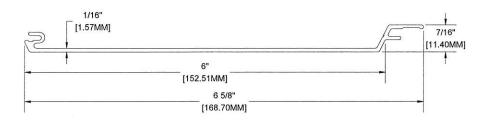
2"X6" STUDS @ 16" O.C. HARD FASTENED @16" O.C. USING #8- 2" LONG FASTENERS 5/8" PLYWOOD SHEATHING WEATHER RESISTIVE BARRIER CRAFTSMAN INSIDE CORNER (3/4")

TYPICAL INSIDE CORNER DETAIL SCALE 1'-0"= 1'-0"

PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 22-0209.01

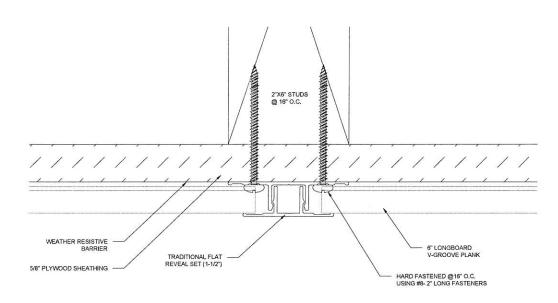
Approval Date 01/26/2023

By Amore Miami-Dade Product Control



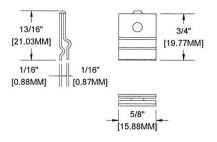
MATERIAL = ALUMINUM ALLOW = 6063 TEMPER = T-5

6" V-GROOVE PLANK PROFILE DETAIL
SCALE 1'-0"= 1'-0"



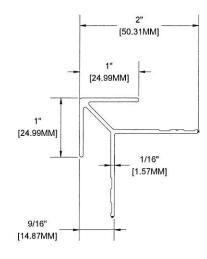
2 TYPICAL FLAT REVEAL DETAIL
SCALE 1'-0"= 1'-0"





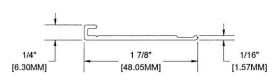
MATERIAL = 316 STAINLESS STEEL

QUICK SCREEN CLIP



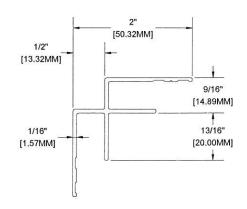
MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

4 CRAFTSMAN OUTSIDE CORNER SCALE 1'-0"= 1'-0"



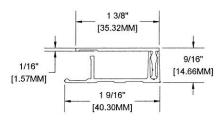
MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

TRADITIONAL STARTER STRIP (1-7/8") SCALE 1'-0"= 1'-0"



MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

5 CRAFTSMAN INSIDE CORNER SCALE 1'-0"= 1'-0"

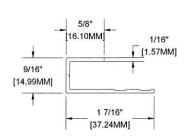


MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

2 TRADITIONAL TERMINATION SET

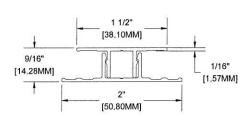


PRODUCT APPROVED



MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

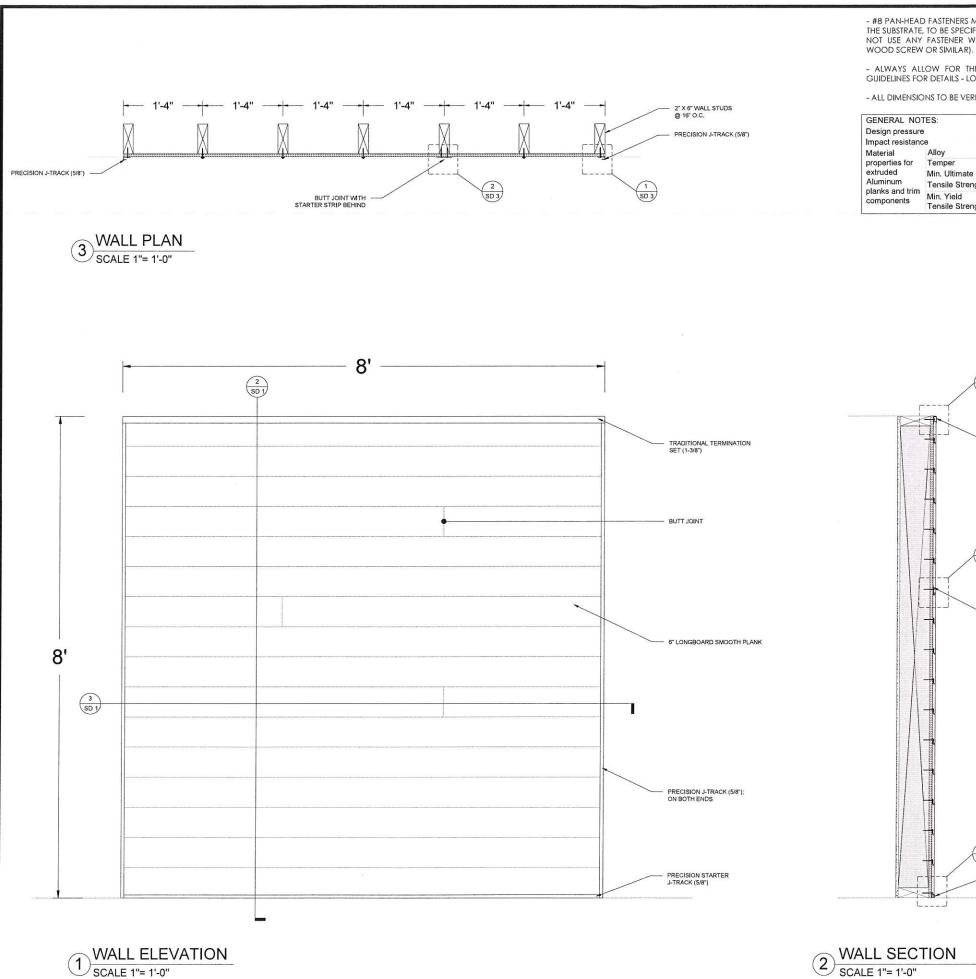
PRECISION J-TRACK SCALE 1'-0"= 1'-0"



MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

3 TRADITIONAL FLAT REVEAL SET SCALE 1'-0" = 1'-0"





- #8 PAN-HEAD FASTENERS MUST BE CORROSION RESISTANT AND COMPATIBLE WITH THE SUBSTRATE, TO BE SPECIFIED BY THE PROJECT DESIGNER AND/OR ENGINEER. DO NOT USE ANY FASTENER WITH A TAPERED BACKSIDE OF THE HEAD (FLAT-HEAD

- ALWAYS ALLOW FOR THERMAL MOVEMENT OF MATERIAL. SEE INSTALLATION GUIDELINES FOR DETAILS - LONGBOARDPRODUCTS.COM/INSTALLATION

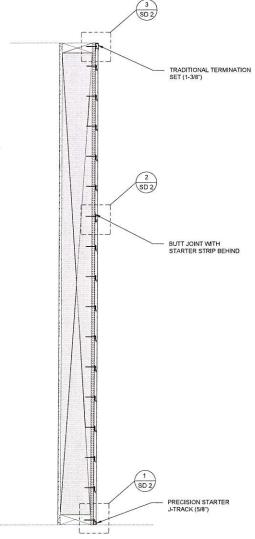
- ALL DIMENSIONS TO BE VERIFIED IN THE FIELD.

121 psf (5794 Pa) Large Missile Impact: PASS 6063 T-5 Min. Ultimate 25.3 ksi Tensile Strength 21.4 ksi Tensile Strength

> PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 22-0209.01

Approval Date 01/26/2023

Strong Miami-Dade Product Control



WALL SECTION
SCALE 1"= 1'-0"

ONGBOARD

ARCHITECTURAL PRODUCTS
Clearbrook Road, VZT 5X5, B.C. Canada

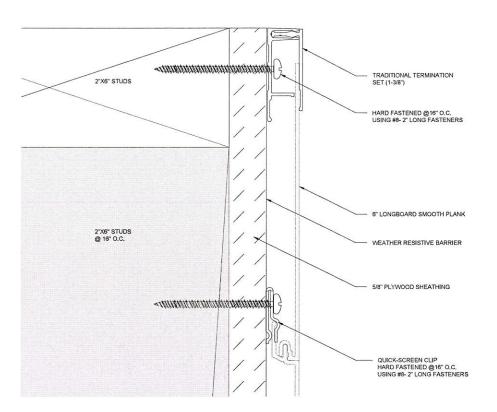
Chesses and

NGINEERING 17 102 DORAL FL 33172 9 898-9995 5 CA CFPTT Calc Engineering

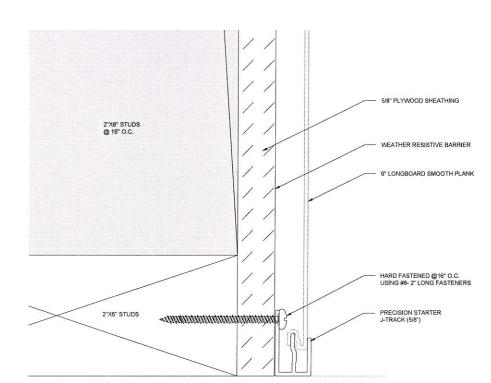
MIAMI-DADE TESTING 6" SMOOTH PLANK PLAN, ELEVATION & SECTION

MS AUGUST 30/2021

NOVEMBER 30/2022



TOP OF WALL DETAIL
SCALE 1'-0"= 1'-0"



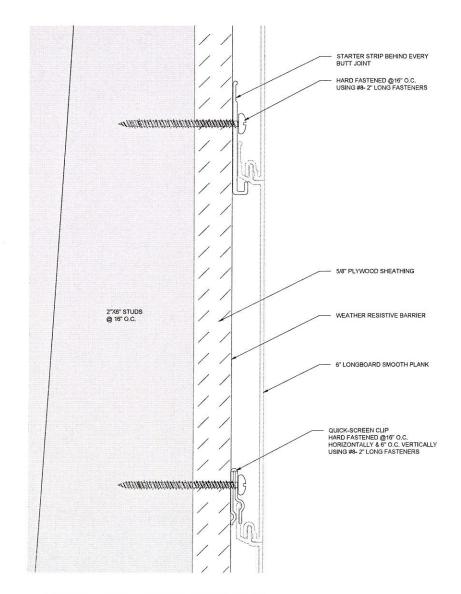
BOTTOM OF WALL DETAIL
SCALE 1'-0"= 1'-0"

PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 22-0209.01

Approval Date 01/26/2023

Atum

Miami-Dade Product Control



2 BUTT JOINT SECTION DETAIL SCALE 1'-0"= 1'-0"

ARCHITECTURAL PRODUCTS
#120-1777 Clearbrook Road, VZT 5X5, B.C. Canada
p: 1.800.604,0343
e: info@longboardproduct
w: I.c.-1

@

EERING 2 DORAL FL 33172 3-9995 1 CERTIFICATION: 32 Calc Engineering

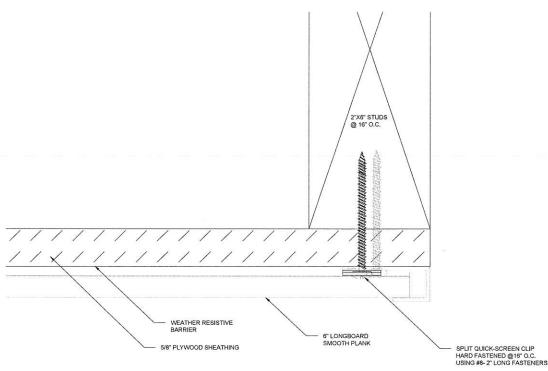
MIAMI-DADE TESTING
6" SMOOTH PLANK
ENLARGED SECTION DETAILS

PROFILE: TITLE:

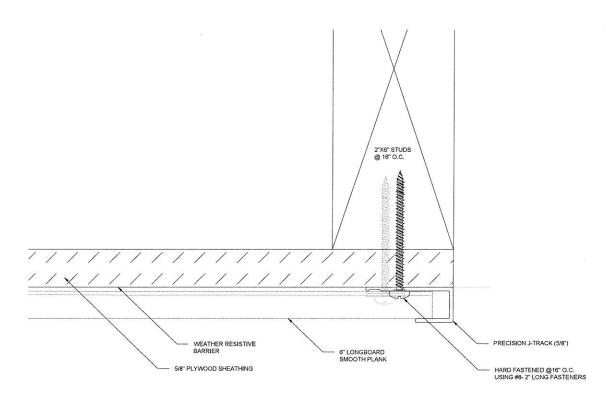
AUGUST 30/2021

MS

NOVEMBER 30/2022



3 PLANK ATTACHMENT AT J-TRACK
SCALE 1'-0"= 1'-0"



J-TRACK ATTACHMENT (Typ. on both ends)
SCALE 1'-0" = 1'-0"

GENERAL NOTES:

- 1. SIDING PRODUCTS, CLIPS AND FASTENERS SHOWN ON THIS APPROVAL HAVE BEEN DESIGNED AND TESTED TO MEET OR EXCEED THE SPECIFICATIONS OF THE FLORIDA BUILDING CODE 2020 (7TH EDITION), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2. ALL ITEMS ON THIS NOA SHALL BE INSTALLED AS PER THE SPECIFICATIONS OF THE FLORIDA BUILDING CODE 2020 (7TH EDITION), ALUMINUM DESIGN MANUAL 2015, NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION AND ANY OTHER LOCAL BUILDING CODE AMENDMENTS OR REQUIREMENTS BY THE AUTHORITY HAVING JURISDICTION.
- 3. DESIGN PRESSURE SHOWN ARE SERVICE LOADS (ASD). TO OBTAIN ULTIMATE LOADS MULTIPLY BY 1.67.
- 4. APPROVAL APPLIES TO PANEL SIZE SHOWN. DO NOT EXCEED PANEL MAXIMUM DIMENSIONS.
 5. PRODUCT ASSEMBLY AS SHOWN IS LARGE MISSILE IMPACT RESISTANT AS PER TAS 201-94.
 6. WALL STUDS AND PLYWOOD WALL SHEATHING SHALL BE DESIGNED BY THE ENGINEER OF RECORD AND SHALL BE CAPABLE OF RESISTING THE WIND LOADS SHOWN ON THIS APPROVAL, INCLUDING THEIR CONNECTIONS TO THE HOST STRUCTURE AND BETWEEN THEMSELVES.
- 7. ALL 2X6 WOOD MEMBERS SHALL BE SPF No. 2 OR BETTER, MOISTURE CONTENT < 19%, SG=0.55 OR BETTER. MEMBER SIZE NOMINAL.
- 8. ALL SUPPORTING STRUCTURE MATERIALS AND CONNECTORS MAY BE SUBSTITUTED WITH EQUAL OR BETTER, WITH THE APPROVAL OF ENGINEER OF RECORD.

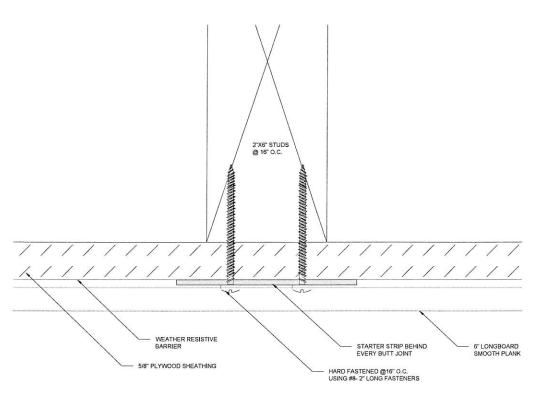
 9. ALL FASTENERS SHALL BE GALVANIZED.
- 10. ALL CLIPS SHALL BE STAINLESS STEEL SAE 304
- 11. INSPECTIONS: SHALL COMPLY WITH THE LOCAL BUILDING CODE REQUIREMENTS FOR INSPECTIONS (BY THE MUNICIPALITY, ARCHITECT OR ENGINEER). INSPECTOR SHALL VERIFY THAT BACKING WOOD MEMBERS DO NOT SPLIT AS A RESULT OF FASTENER INSTALLATION.

PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 22-0209.01

Approval Date 01/26/2023

Strong

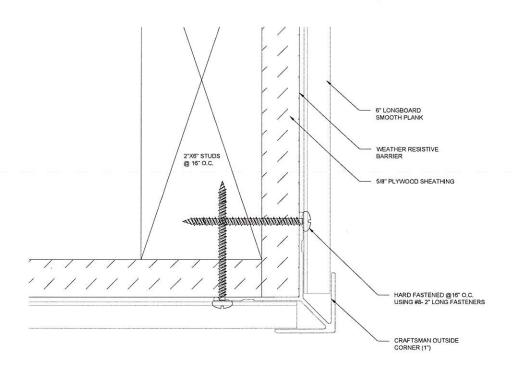
Miami-Dade Product Control



TYPICAL BUTT-JOINT DETAIL
SCALE 1'-0"= 1'-0"

ARCHITECTURAL FOR Road, V2T 5X5, B.C. Cal GB 89999999999999 FL 33172 Calc Engineering ENLARGED PLAN DETAILS PROFILE: TITLE: AUGUST 30/2021 NOVEMBER 30/2022

ARD



3 TYPICAL OUTSIDE CORNER DETAIL
SCALE 1'-0"= 1'-0"

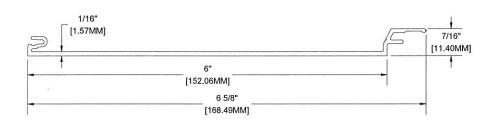
2"X6" STUDS @ 16" O.C. HARD FASTENED @16" O.C. USING #8- 2" LONG FASTENERS 2"X6" STUDS @ 16" O.C. WEATHER RESISTIVE BARRIER 6" LONGBOARD SMOOTH PLANK

TYPICAL INSIDE CORNER DETAIL SCALE 1'-0"= 1'-0"

PRODUCT APPROVED as complying with the Florida Building Code NOA-No. 22-0209.01

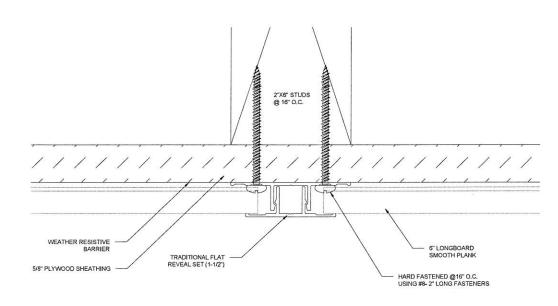
Approval Date 01/26/2023

By Miami-Dade Product Control



MATERIAL = ALUMINUM ALLOW = 6063 TEMPER = T-5

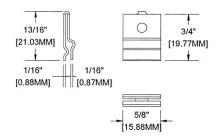
6" SMOOTH PLANK PROFILE DETAIL
SCALE 1'-0"= 1'-0"



2 TYPICAL FLAT REVEAL DETAIL
SCALE 1'-0"= 1'-0"

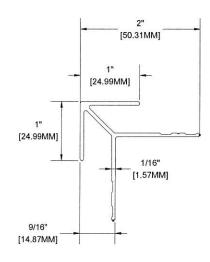


MIAMI-DADE TESTING 6" SMOOTH PLANK TYPICAL DETAILS PROFILE: TITLE: MS AUGUST 30/2021 NOVEMBER 30/2022



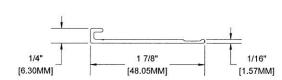
MATERIAL = 316 STAINLESS STEEL

7 QUICK SCREEN CLIP



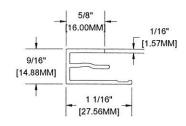
MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

CRAFTSMAN OUTSIDE CORNER SCALE 1'-0"= 1'-0"



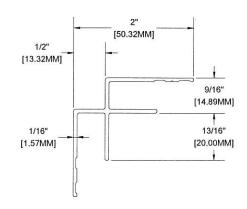
MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

TRADITIONAL STARTER STRIP (1-7/8") SCALE 1'-0"= 1'-0"



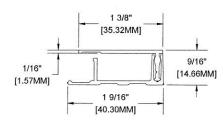
MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

8 PRECISION STARTER J-TRACK SCALE 1'-0"= 1'-0"



MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

5 CRAFTSMAN INSIDE CORNER SCALE 1'-0"= 1'-0"



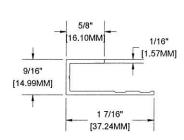
MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

2 TRADITIONAL TERMINATION SET



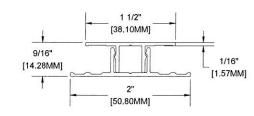
Approval Date 01/26/2023

By Miami-Dade Product Control



MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

6 PRECISION J-TRACK SCALE 1'-0"= 1'-0"



MATERIAL = ALUMINUM ALLOY = 6063 TEMPER = T-5

3 TRADITIONAL FLAT REVEAL SET SCALE 1'-0"= 1'-0"

