

# 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

Wall Panel Systems, Inc. 1720 Howard Place Redlands, CA 92373

### 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: WPS ES-400, ES-500 and Horizontal Flush Composite Siding Panel Systems

**APPROVAL DOCUMENT:** Drawing No. **01-0400, 01-0500** and **01-HFS**, titled "WPS Exterior System with Exposed Fasteners, Concealed Fasteners, and Horizontal Flush Siding System", sheets 1 through 10 of 10, with revision E dated 06/28/2023, prepared by Wall Panel Systems, Inc., signed and sealed by William E. Fitch, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

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

**LABELING:** A permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "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 # 19-0305.03 and 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

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NOA No. 23-0525.03 Expiration Date: February 16, 2028 Approval Date: September 14, 2023 Page 1

#### NOTICE OF ACCEPTANCE: **EVIDENCE SUBMITTED**

#### 1. Evidence submitted under NOA # 19-0305.03 and new

#### A. **DRAWINGS**

Drawing No. 01-0400, 01-0500 and 01-HFS, titled "WPS Exterior System with Exposed Fasteners, Concealed Fasteners, and Horizontal Flush Siding System", sheets 1 through 10 of 10, with revision E dated 06/28/2023, prepared by Wall Panel Systems, Inc., signed and sealed by William E. Fitch, P.E.

#### B. **TESTS**

- Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 1. 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of WPS ES-400 Exposed Fastener System, prepared by Intertek, Test Report No. M8122.03-303-44 R6, dated 07/13/2022, with revision dated 01/12/2023 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) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of WPS ES-500 Concealed Fastener System, prepared by Intertek, Test Report No. M8124.03-303-44 R6, dated 07/07/2022, with revision dated 01/17/2023 signed and sealed by Tyler Westerling, P.E.
- Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 3. 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of WPS Horizontal Flush Siding System, prepared by Intertek, Test Report No. M8125.03-303-44 R6, dated 07/07/2022, with revision dated 01/17/2023 signed and sealed by Tyler Westerling, P.E.

#### C. **CALCULATIONS**

Anchor verification calculations, prepared by Christopher Roberts, dated 07/05/2022, signed and sealed by William E. Fitch, P.E.

#### D. **QUALITY ASSURANCE**

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

#### Ε. **MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 22-0202.07, issued to Trespa North America, Ltd., for their TS 110 Trespa Meteon FR Composite Siding System, approved on 03/10/2022 and expiring on 01/08/2024.

#### F. **STATEMENTS**

Statement letter of code conformance to the 7<sup>th</sup> edition (2020) of the FBC, and of no financial interest, issued by William E. Fitch, P.E., dated 11/11/2022, signed and sealed by William E. Fitch, P.E.

> Carlos M. Utrera, P.E. **Product Control Examiner** NOA No. 23-0525.03 **Expiration Date: February 16, 2028**

Approval Date: September 14, 2023

# **GENERAL NOTES:**

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2. WOOD FRAMING AND MASONRY FENESTRATION TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY FENESTRATION IS THE RESPONSIBILITY OF THE ARCHITECT OF RECORD.
- 3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY OF FENESTRATION AND ALL FRAMING AROUND FENESTRATION
- 4. FOR INSTALLATION INTO WOOD STUDS USE #10 X 2-1/2" WOOD SCREWS. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- 5. WOOD STUDS SHALL BE SPACED @ 16" O.C. WITH 5/8" PLYWOOD SHEATHING PER FBC 2322.3 FOR USE IN HVHZ ZONES.
- 6. STEEL STUDS SHALL BE ENGINEERED SEPARATELY WITH 5/8" PLYWOOD FOR USE IN HVHZ ZONES.
- 7. FOR INSTALLATION INTO MASONRY OR CONCRETE WALL, USE 1/4" ITW TAPCON WITH SUFFICIENT LENGTH TO ACHIEVE 1-1/4" EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAIL
- 8. ALL FASTENERS TO BE CORROSION RESISTANT.
- 9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW
  - 9.1 WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
  - 9.2 CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI
  - 9.3 MASONRY: STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER)
  - 9.4 STEEL STUD: 18GA. (0.060") FY=33KSI/FU=52KSI
- 10. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN.
  WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 11. COMPACT LAMINATED PHENOLIC PANELS IN THICKNESS 5/16" (8MM), 3/8" (10MM) & 1/2" (13MM), MATERIAL IS BASED ON THERMOSETTING RESINS HOMOGENEOUSLY REINFORCED WITH WOOD FIBERS AND MANUFACTURED UNDER PRESSURE AND TEMPERATURE.
  - 11.1 METEON® PANELS MANUFACTURED BY TRESPA NORTH AMERICA, LTD. MIAMI-DADE NOA 22-0202.07
- 12. EXTRUSION MATERIAL: ALUMINUM 6063-T6
- 13. THIS PRODUCT SHALL BE INSTALLED ONTO EXISTING APPROVED WALLS CONSISTING OF-CONCRETE, C-90, CONCRETE BLOCK, OR 5/8 IN. MIN. PLYWOOD SHEATHING.
- 14. WATER-RESISTIVE BARRIER PER FBC 1404.2 OR STUCCO.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0525.03

Expiration Date <u>02/16/2028</u>

By Stum

Miami-Dade Product Control

REV.	DESCRIPTION	DATE
Α	REVISED PER M-D COMMENTS	2/26/2021
В	REVISED PER M-D COMMENTS	7/14/2021
С	Revised Per M-D Review	12/13/2022
D	Revised Panel Thicknesses Line 11	4/22/2023
E.	Added revision designations	6/28/2023

**REVISIONS** 

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	1.	GENERAL NOTES			ALL	Sub-
	2.	ES-400 ELEVATIONS & SECTIONS	DESCRIPTION			4
	3.	ES-400 INSTALLATION DETAILS		Exterior Systems		8 18 0
	4.	ES-400EXTRUSION SPECIFICS	I.			1 3
	5.	ES-500 ELEVATIONS & SECTIONS	GE!	NERAL NOTES		14
	6.	ES-500 INSTALLATION DETAILS	DRAWN BY	IDWG NO	REV:	1 5
	7.	ES-500 EXTRUSION SPECIFICS	WPS. INC.	01-0100	Ē	
	8.	HFS-ELEVATIONS & SECTIONS	SCALE: IDATE		SHEET	- Mary

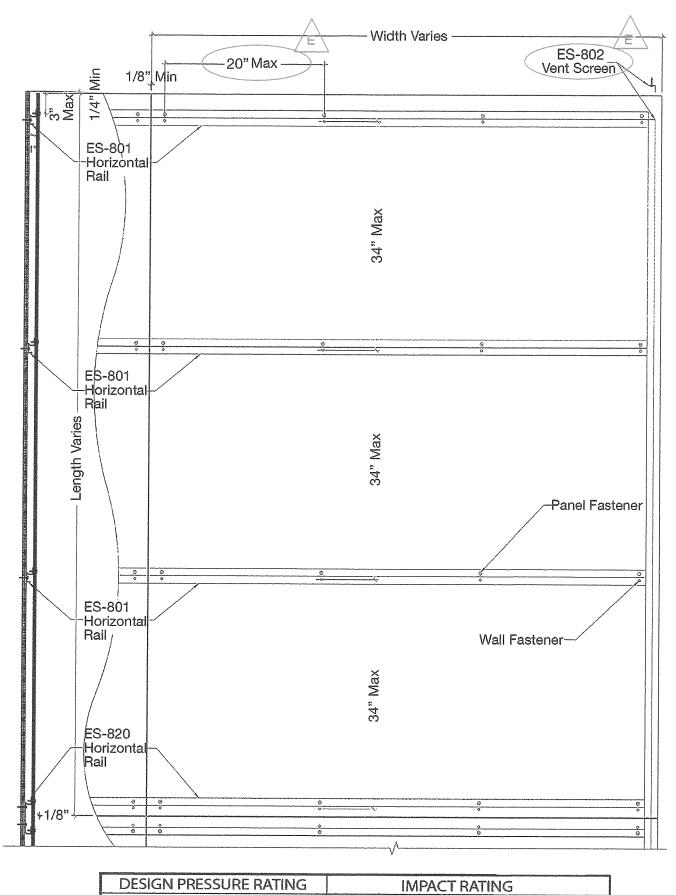
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06/28/2023

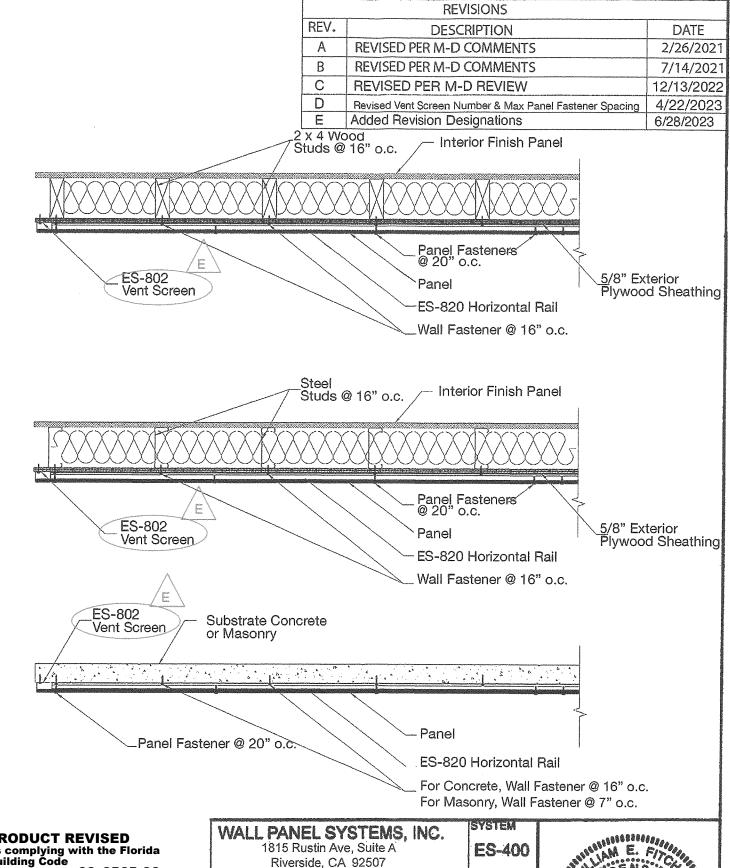
1 OF 10

HFS-INSTALLATION DETAILD

HFS-EXTRUSION SPECIFICS



DESIGN PRESSURE RATING	IMPACT RATING
8 mm, 10 mm & 13 mm ± 75 psf	Large and small missile impact when installed over 5/8" plywood sheathing on wood studs @ 16" o.c. per FBC 2322.3



PRODUCT REVISED
as complying with the Florida
Building Code 23-0525.03

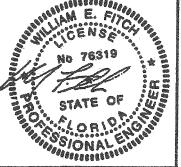
Expiration Date 02/16/2028

Huns Miami-Dade Product Control

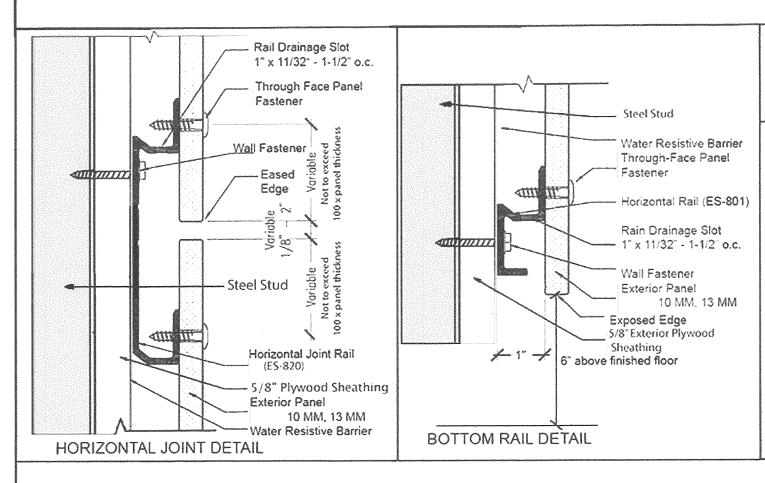
DESCRIPTION

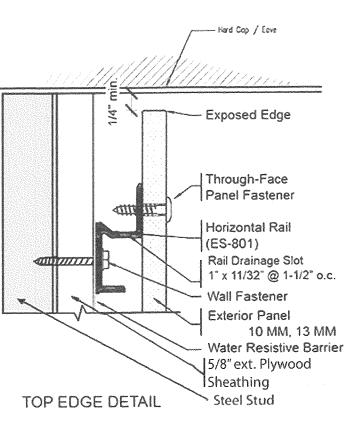
WPS Exterior System with Exposed Fasteners **ELEVATIONS & SECTIONS** 

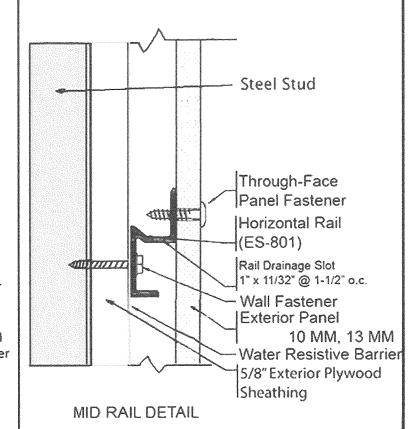
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		REVISIONS	
R	EV.	DESCRIPTION	DATE
	A REV	ISED PER M-D COMMENTS	2/26/2021
	B REV	ISED PER M-D COMMENTS	7/14/2021
	C RE	VISED PER M-D REVIEW	12/13/2022







WALL FASTENER SCHEDULE		PANEL FASTENER SCHEDULE				
SUBSTRATE	DESCRIPTION	MANUF.	PANEL THICK.	DESCRIPTION	MANUFACT.	MATERIAL
CONCRETE	1/4" X 1-1/4" TITEN TTN SS	TAPCON	1/2" (13mm)	SX3/15-D12-5,5x30	SFS Intec	Stainless Steel
MASONRY C 90	1/4" X 1-1/4"TITEN TTN SS	TAPCON	3/8" (10mm)	SX3/15-D12-5,5x30	SFS Intec	Stainless Steel
STEEL STUD	#12 X 1-1/2" SELF DRILLING SCREWS	SIMPSON	5/16" (8mm)	SX3/15-D12-5,5x30	SFS Intec	Stainless Steel
WOOD STUD	SD-10 X 2-1/2"WOOD SCREWS	SIMPSON		Productive	Section 1	di con continue

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0525.03

Expiration Date 02/16/2028

By Miami-Dade Product Control

WALL PANEL SYSTEMS, INC.

1815 Rustin Ave, Suite A
Riverside, CA 92507

SYSTEM
ES-400

WPS EXTERIOR SYSTEM WITH EXPOSED FASTENERS. INSTALLATION DETAILS

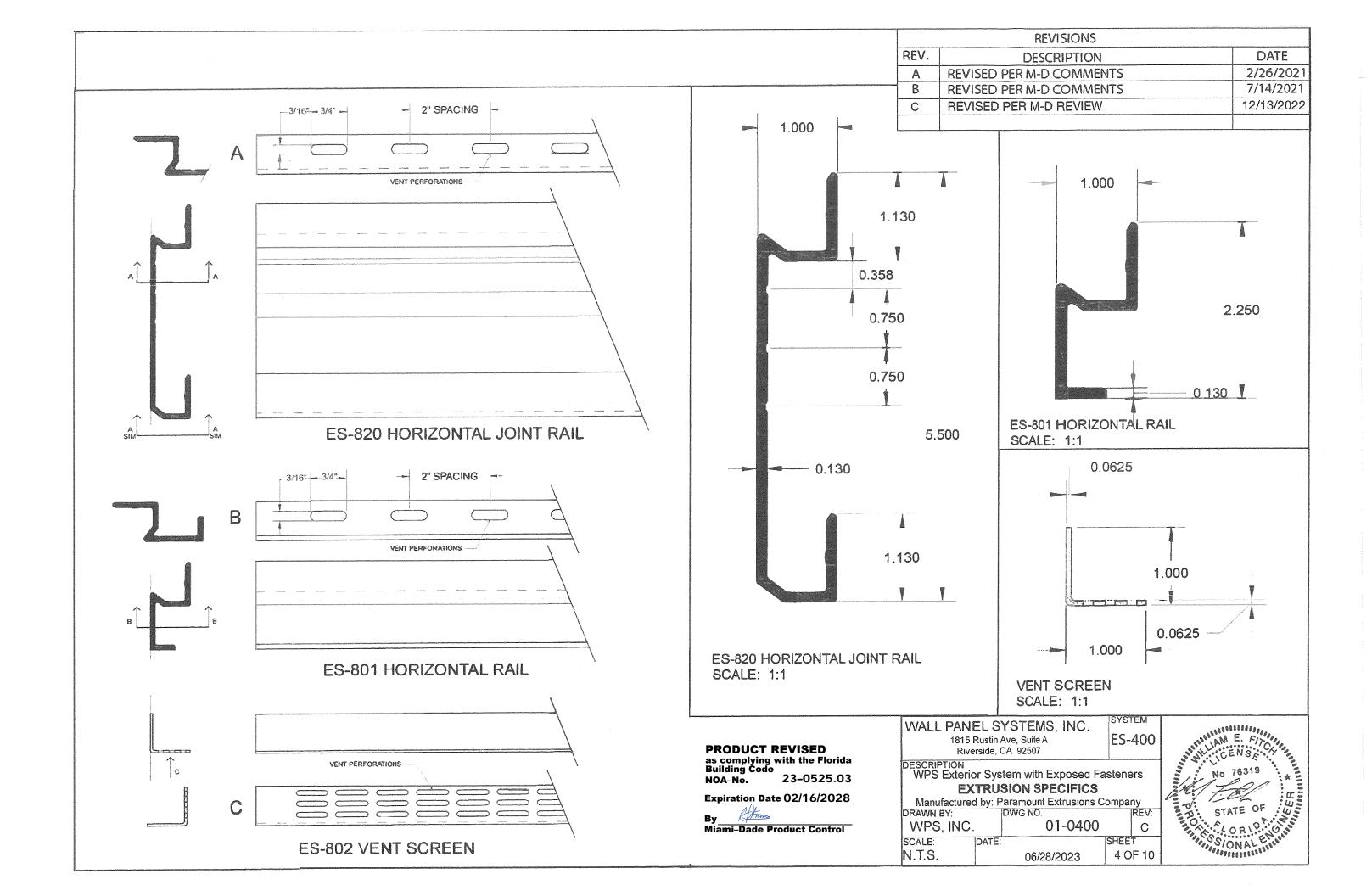
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 DWG NO.
 REV:

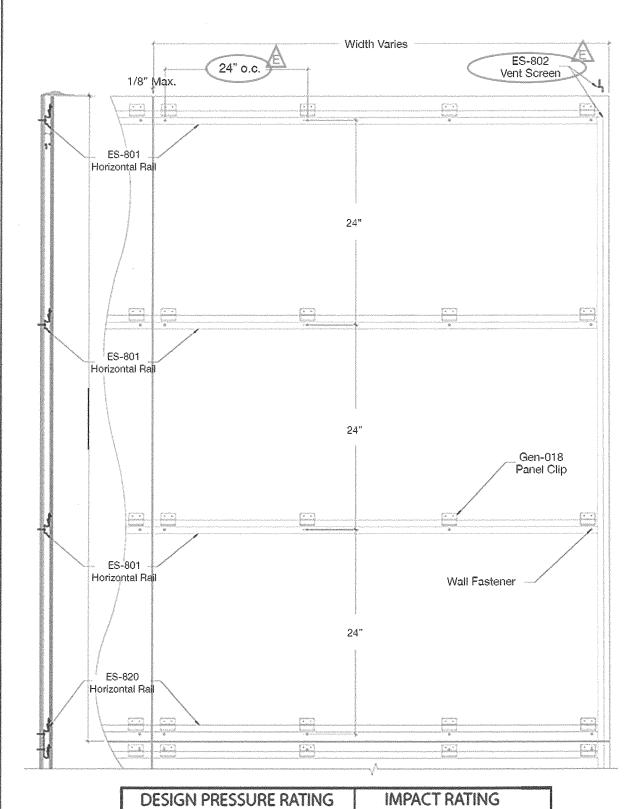
 WPS, INC.
 01-0400
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 SCALE:
 DATE:
 SHEET

 N.T.S.
 06/28/2023
 3 OF 10

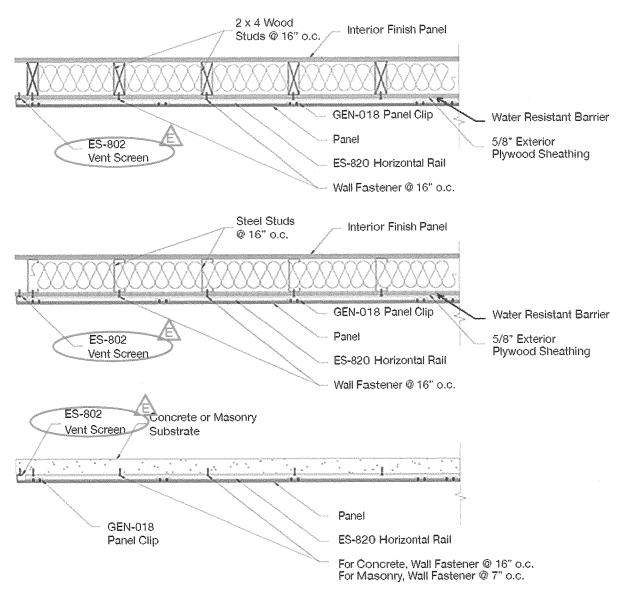






DESIGN PRESSURE RATING	IMPACT RATING
10 mm & 13 mm ± 60 psf	Large and small missile impact when installed over 5/8" plywood sheathing on wood studs @16" o.c. per FBC 2322.3

	REVISIONS		
REV.	REV. DESCRIPTION		
A	REVISED PER M-D COMMENTS	2/26/2021	
В	REVISED PER M-D COMMENTS	2/15/2022	
С	REVISED PER M-D COMMENTS	12/13/2022	
D	D Corrected Vent Screen ID  E Added revision designations		
E			
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PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0525.03

**Expiration Date** <u>02/16/2028</u>

By Miami-Dade Product Control

WALL PANEL SYSTEMS, INC. 1815 Rustin Ave, Suite A Riverside. CA 92507	ES-500
DESCRIPTION	
WPS Exterior Systems with Conceale	d Fasteners
<b>ELEVATION &amp; SECTIONS</b>	
	TOEV

01-0500

06/28/2023

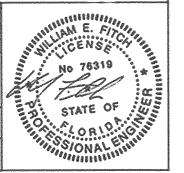
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SHEET 5 OF 10

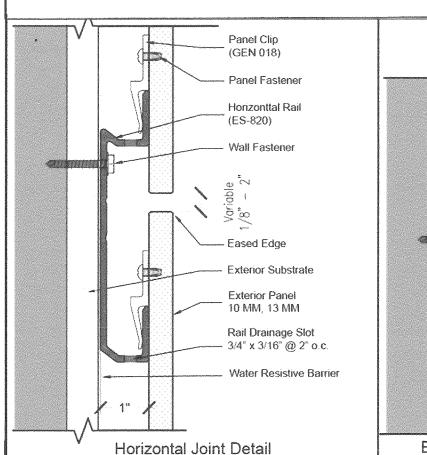
WPS, INC.

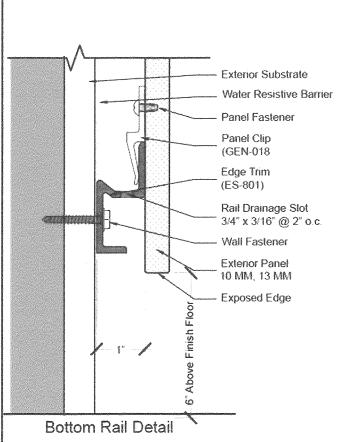
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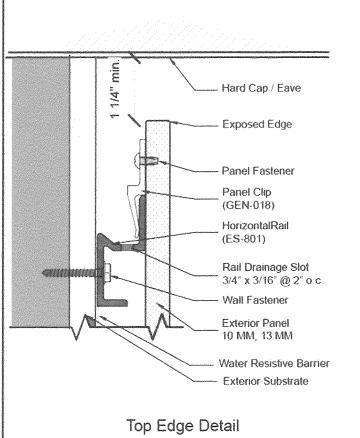
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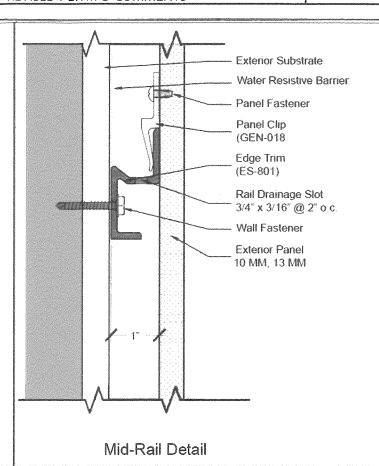


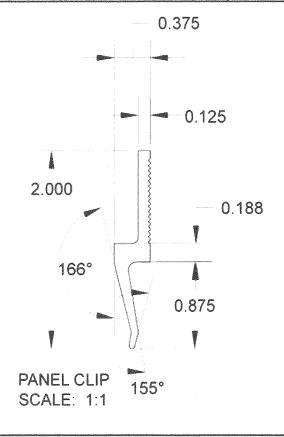
REVISIONS			
REV.	DESCRIPTION	DATE	
Α	REVISED PER M-D COMMENTS	2/26/2021	
В	REVISED PER M-D COMMENTS	2/15/2022	
С	REVISED PER M-D COMMENTS	12/13/2022	











WALL FASTENER SCHEDULE			PANEL F	ASTENER SCHEDU	JLE
SUBSTRATE	DESCRIPTION	MANUF.	PANEL	DESCRIPTION	MAN
CONCRETE	1/4" X 1-1/4" TITEN TTN SS	TAPCON	THICKNESS		
MASONRY C 90	1/4" X 1-1/4" TITEN TTN SS	TAPCON	10 MM	SX3 /15-D12-5, 5x30	
STEEL STUD	#12 SELF-DF 'LING SCREWS	SIMPSON	13 MM	SX3 /15-D12-5, 5x30	
WOOD STUD	SD-10 X 2-1/2"WOOD SCREWS	SIMPSON		TEM	

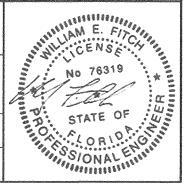
PRODUCT REVISED as complying with the Florida Building Code 23-0525.03 NOA-No.

Expiration Date 02/16/2028

Stuns Miami-Dade Product Control

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AND APPROPRIES	DESCRIPTION	
MARCO ADMINISTRA	WPS EXTERIOR SYSTEM WITH CONC	EALED FASTENERS

**INSTALLATION DETAILS** DRAWN BY: DWG NO. 01-0500 WPS, INC. C SCALE: SHEET DATE 6 OF 10 N.T.S. 06/28/2023



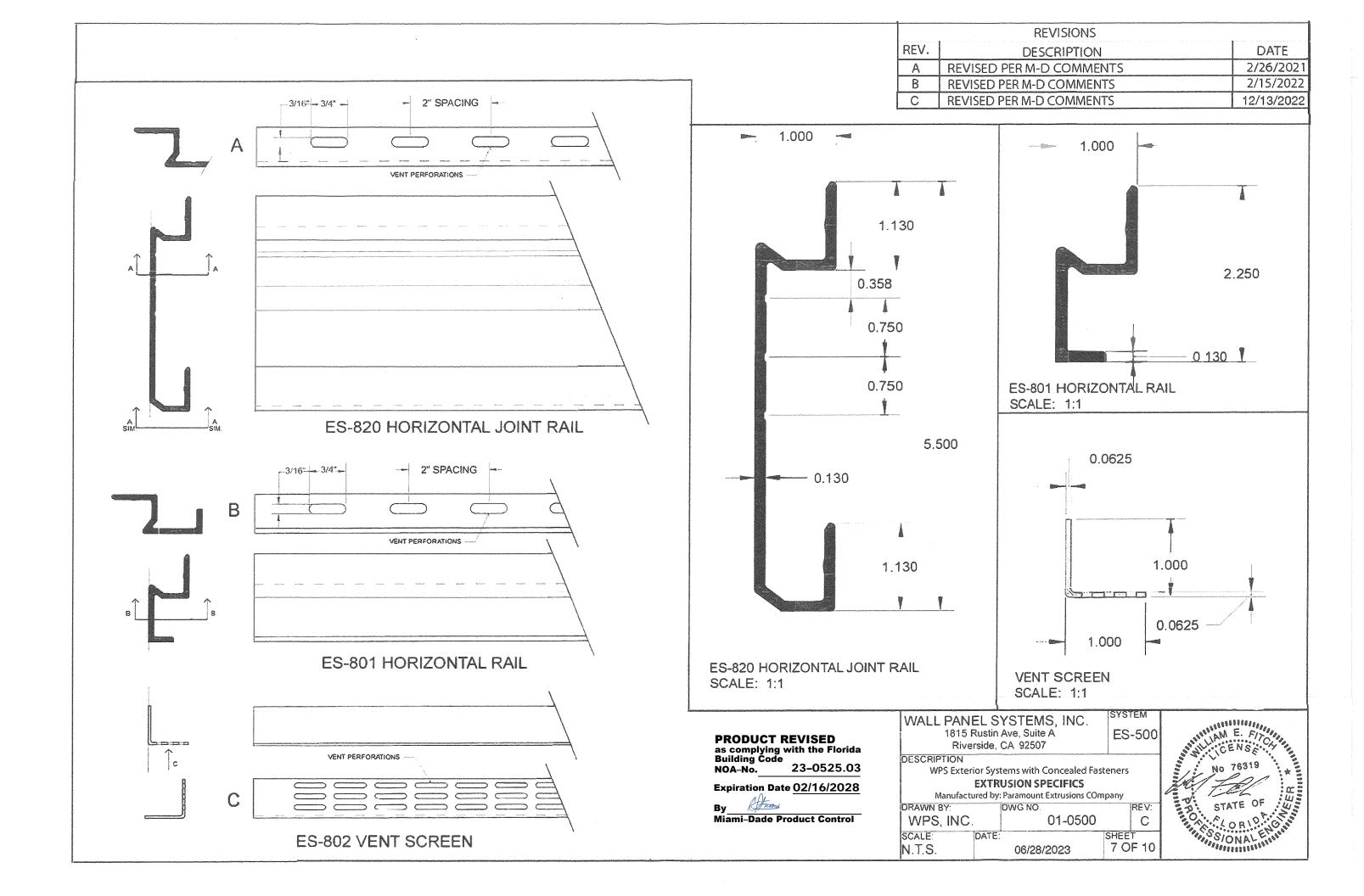
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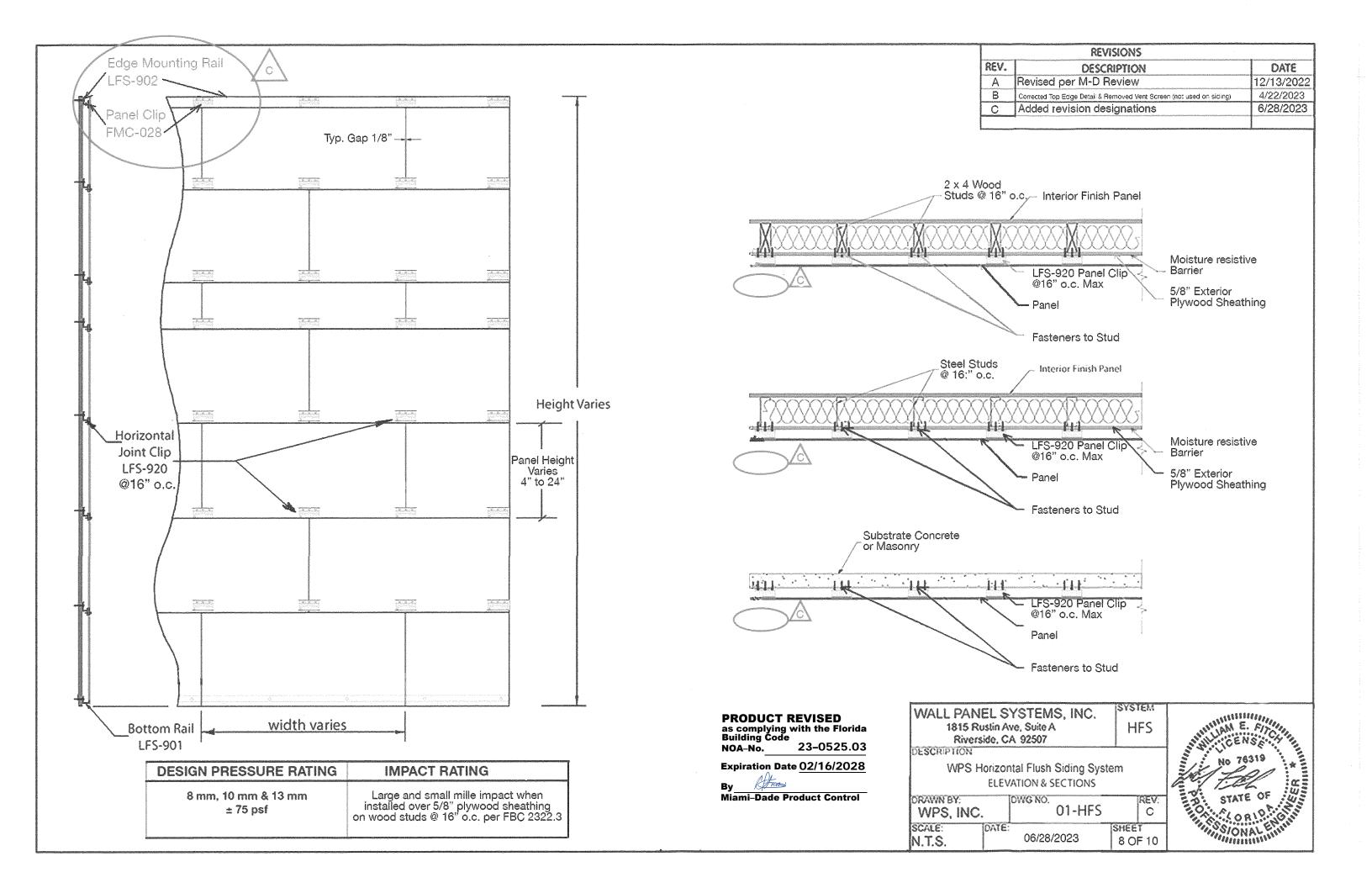
MATERIAL

Stainless

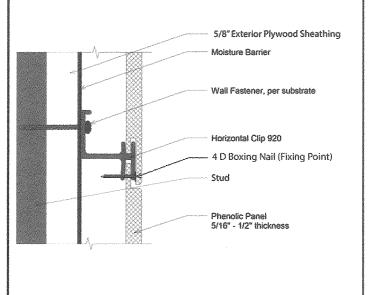
Stainless

Steel

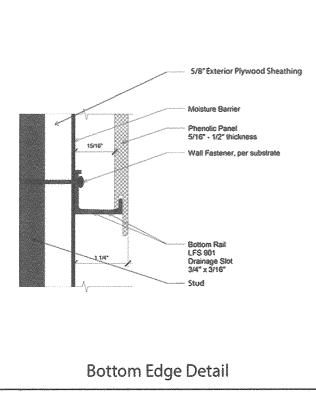


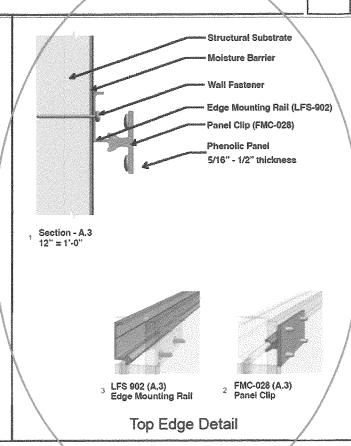


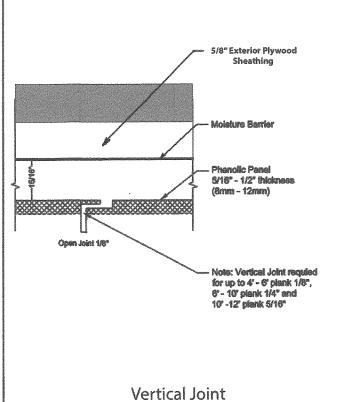
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	REV.	DESCRIPTION	DATE
	Α	Revised per M-D Review	12/13/2022
	В	Corrected Top Edge Detail	4/22/2023
	C.	Added revision designations	6/28/2023
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**Horizontal Joint Detail** 









WALL FASTENER SCHEDULE

SUBSTRATE DESCRIPTION MANUF.

CONCRETE 1/4" X 1-1/4" TITEN TTN SS TAPCON

MASONRY C 90 1/4" X 1-1/4" TITEN TTN SS TAPCON

STEEL STUD #12 SELF-DRILLING SCREWS SIMPSON

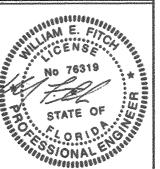
WOOD STUD SD-10 X 2-1/2" WOOD SCREWS SIMPSON

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 23-0525.03

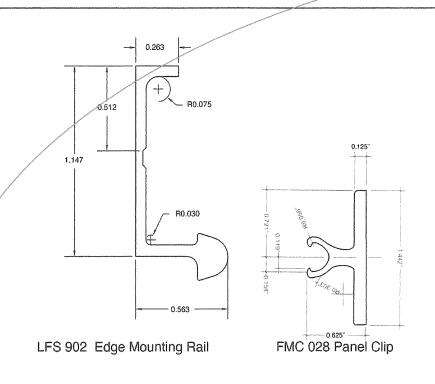
**Expiration Date** 02/16/2028

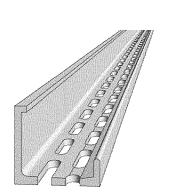
By Miami-Dade Product Control

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WALL PANEL SYSTEMS, INC.  1815 Rustin Ave, Suite A  Riverside, CA 92507						Manual designation of the contract of the cont
DESCRIPTION	DESCRIPTION					
l w	WPS Horizontal Flush Siding System					
Africa Maria Ma	INSTALLATION DETAILS					
DRAWN BY:	DWG NO.		**************************************		REV:	
WPS, INC.	militare de constante de consta	01-HFS			Ċ	- Linear Section
SCALE:	DATE:		SHEET			
N.T.S.	06/28/2020	3	9 OF 10		0	



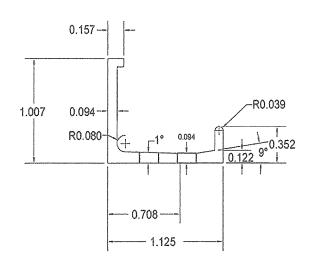
ALCO DO		REVISIONS	
	REV.	DESCRIPTION	DATE
	Α	Revised per M-D Review	12/13/2022
	В	Added LFS 902 & FMC 028 Removed LFS 905	04/22/2023
	С	Added revision designations	06/28/2023
Company of			





LFS 901 (U)

Bottom Rail with Drainage Slot

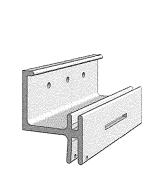


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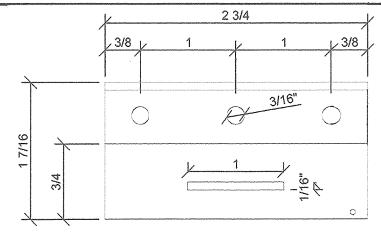
Expiration Date 02/16/2028

By Miami-Dade Product Control

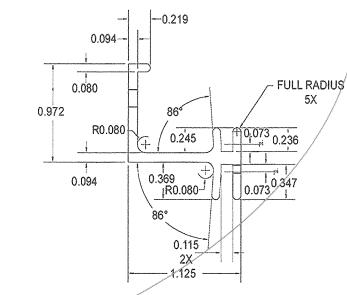




LFS 920 (U) Horizontal Joint Clip



LFS 920 - HORIZONTAL JOINT CLIP



WALL PANEL SYSTEMS, INC

1815 Rustin Ave, Suite A
Riverside, CA 92507

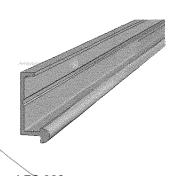
DESCRIPTION
WPS Horizontal Flush Siding System
EXTRUSION SPECIFICS

Manufactured by: Paramount Extrusions Company
DRAWN BY: DWG NO. REV:
WPS, INC. 01-HFS C

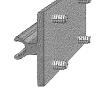
SCALE: DATE: SHEET

N.T.S. 06/28/2023 10 OF 10









FMC 028
Panel Clip