



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/building

Pino's Window Corporation
6860 NW 75th Street
Medley, FL 33166

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: Series "FWS-300" Aluminum Horizontal Sliding Window – N.I.

APPROVAL DOCUMENT: Drawing No **W11-54**, titled "Series FWS-300 Alum Horiz. Sliding Wdw. (N.I.)", sheets 1 through 7 of 7, dated 11/15/11, with revision **E** dated 07/13/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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: None

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.

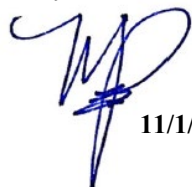
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **revises NOA No. 21-0114.07** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




11/1/23

NOA No. 23-0928.23
Expiration Date: February 27, 2025
Approval Date: November 09, 2023
Page 1

Pino's Window Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 11-1206.01)
2. Drawing No **W11-54**, titled "Series FWS-300 Alum Horiz. Sliding Wdw. (N.I.)", sheets 1 through 7 of 7, dated 11/15/11, with revision **D** dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0114.07)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 20294
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6670**, dated 03/21/12, signed and sealed by Marlin D. Brinson, P.E.
(Submitted under NOA No. 11-1206.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 7th Edition (2020), dated 12/26/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0114.07)
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

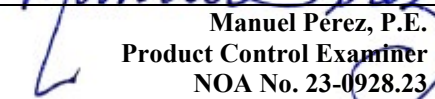
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, with **FBC 7th Edition (2020)** and of no financial interest, dated December 26, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 21-0114.07)
2. Test Proposal issued by BNC, Product Control Section, dated November 17, 2010, signed by Manuel Perez, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0928.23
Expiration Date: February 27, 2025
Approval Date: November 09, 2023

Pino's Window Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

G. OTHERS

1. Notice of Acceptance No. **20-0109.05**, issued to Pino's Window Corporation for their Series "FWS-300" Aluminum Horizontal Sliding Window – N.I., approved on 02/27/20 and expiring on 02/27/25.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **W11-54**, titled "Series FWS-300 Alum Horiz. Sliding Wdw. (N.I.)," sheets 1 through 7 of 7, dated 11/15/11, with revision **E** dated 07/13/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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

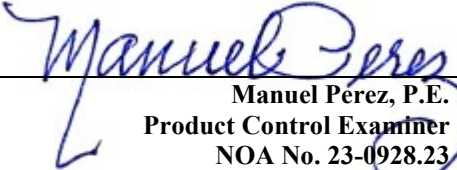
1. None.

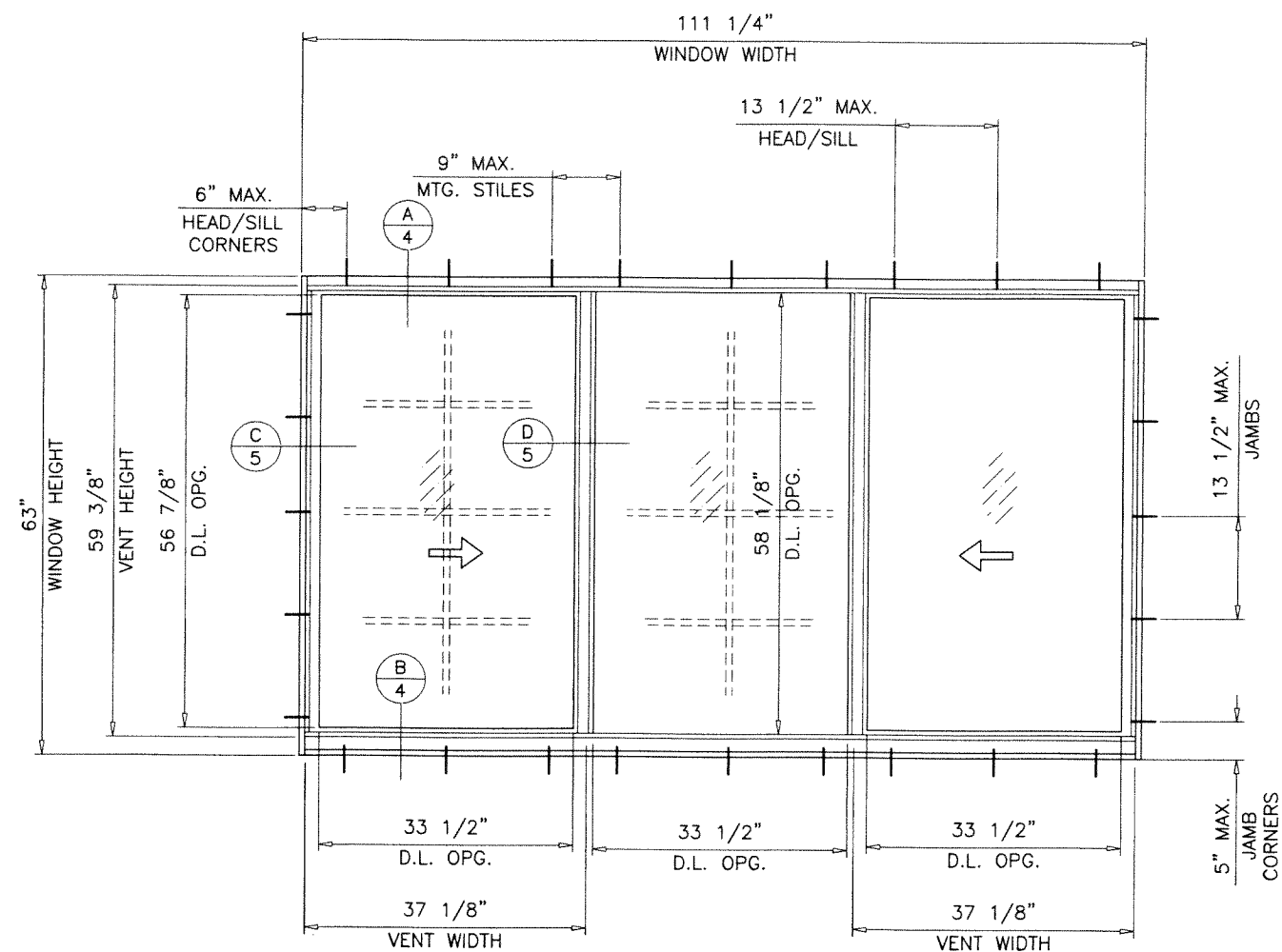
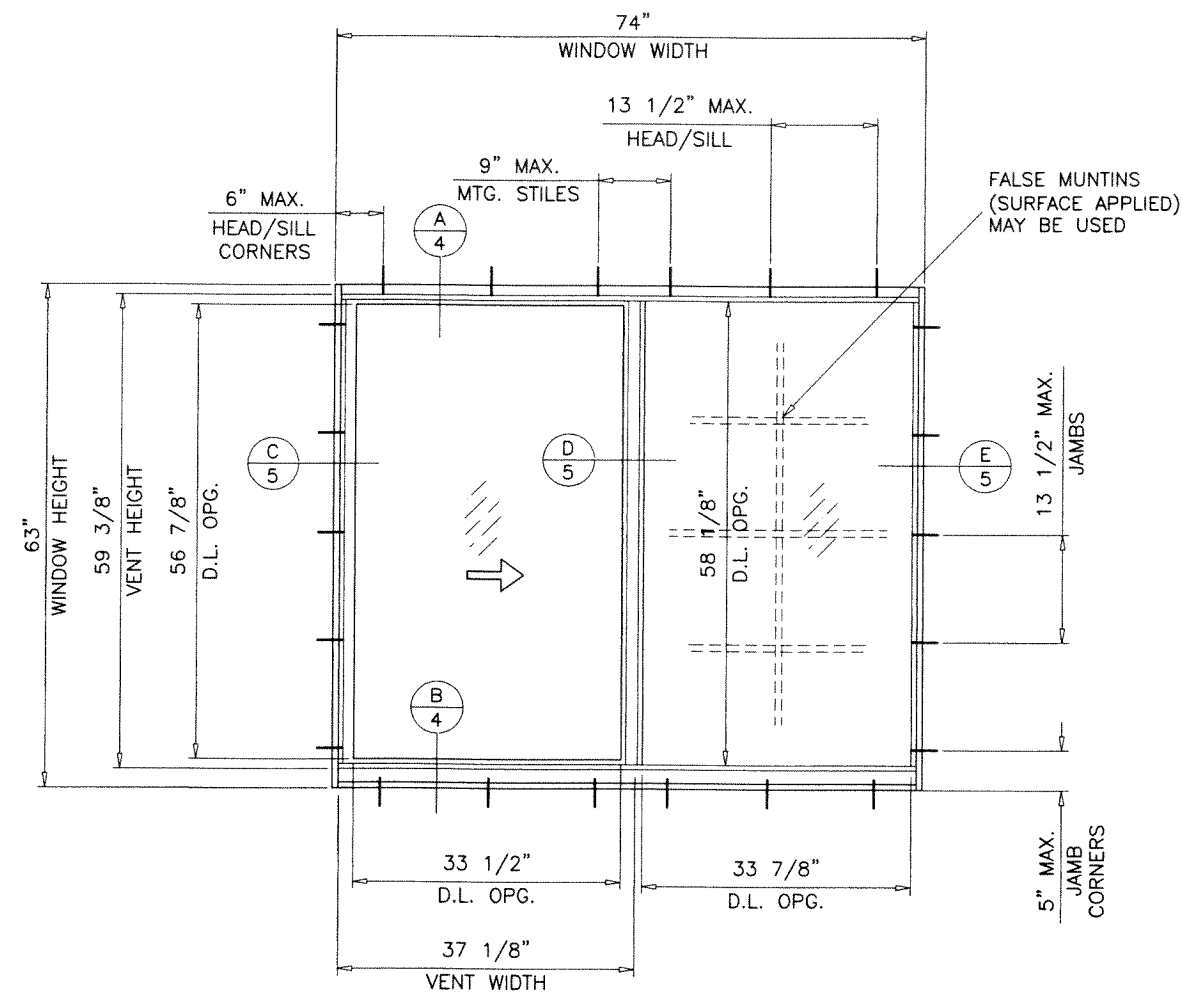
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, with **FBC 8th Edition (2023)** and of no financial interest, dated July 18, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **21-0114.07**, issued to Pino's Window Corporation for their Series "FWS-300" Aluminum Horizontal Sliding Window – N.I., approved on 04/15/21 and expiring on 02/27/25.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-0928.23
Expiration Date: February 27, 2025
Approval Date: November 09, 2023



TYPICAL ELEVATIONS

SERIES FWS-300

ALUMINUM HORIZONTAL SLIDING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE HORIZONTAL SLIDING WINDOWS, ALSO COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

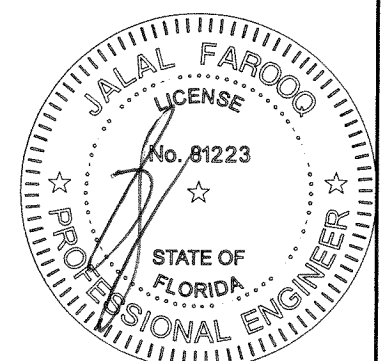
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

WINDOWS NOT RATED FOR IMPACT.
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

PRODUCT REVISED
As complying with the Florida Building Code
NOA-No. **23-0928.23**
Expiration Date: **02/27/2025**
By: *Manuel Perez*
Miami-Dade Product Control

MONOLITHIC GLASS
NON IMPACT



JUL 19 2023

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)
COMP-ANL\W11-54PWC

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (N.I.)

Pino's Window Corp.
6860 N.W. 75th Street
Medley, FL. 33166
Tel. (305) 888-9946 Fax (305) 888-8079

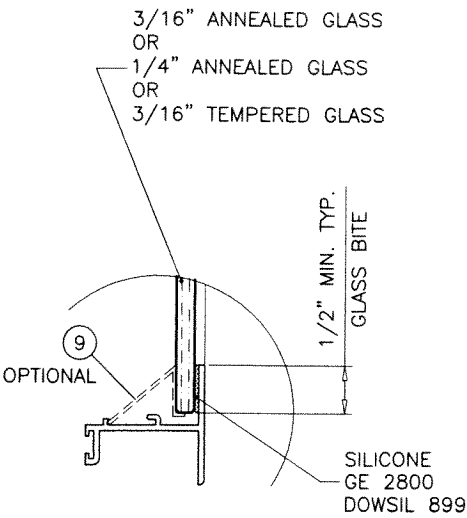
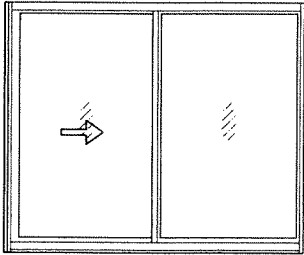
revisions:	no.	date	by	description
	A	02.27.12		NO CHANGE THIS SHEET
	B	08.07.15		UPDATED TO 2014 FBC
	C	12.17.19		EDITORIAL CHANGES ONLY
	D	11.05.20		UPDATED TO 2020 FBC
	E	07.13.23		UPDATED TO 2023 FBC

date:	11-15-11
scale:	1/2" = 1'-0"
dr. by:	TARIQ
chk. by:	

drawing no.	W11-54
sheet	1 of 7

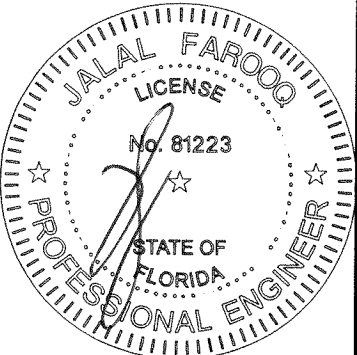
DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)										
WINDOW DIMS.		A	ANCHORS TYPE 'A' & 'B'				ANCHORS 'A'		ANCHORS 'B'	
			3/16" ANN. GLASS		1/4" ANN. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (3)	4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
37"		4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
53-1/8"		6	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
74"		6	66.7	120.8	66.7	125.0	66.7	125.0	66.7	125.0
26-1/2"	38-3/8" (4)	4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
37"		4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
53-1/8"		6	66.7	111.2	66.7	125.0	66.7	125.0	66.7	125.0
74"		6	66.7	81.5	66.7	106.4	66.7	125.0	66.7	125.0
26-1/2"	50-5/8" (5)	4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
37"		4	66.7	96.8	66.7	125.0	66.7	125.0	66.7	125.0
53-1/8"		6	66.7	74.7	66.7	99.6	66.7	116.2	66.7	116.2
74"		6	62.3	62.3	66.7	81.5	66.7	98.8	66.7	98.8
26-1/2"	63" (5)	4	66.7	99.2	66.7	125.0	66.7	125.0	66.7	125.0
37"		4	66.7	74.5	66.7	99.3	66.7	112.1	66.7	112.1
53"		6	56.1	56.1	66.7	74.8	66.7	84.9	66.7	84.9
74"		6	45.0	45.0	60.0	60.0	66.7	75.0	66.7	68.8
24"	24" (3)	4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
36"		4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
48"		4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
60"		6	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
72"		6	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
24"	36" (3)	4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
36"		4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
48"		4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
60"		6	66.7	108.0	66.7	125.0	66.7	125.0	66.7	125.0
72"		6	66.7	89.7	66.7	117.8	66.7	125.0	66.7	125.0
24"	48" (4)	4	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
36"		4	66.7	105.5	66.7	125.0	66.7	125.0	66.7	125.0
48"		4	66.7	85.8	66.7	114.3	66.7	125.0	66.7	125.0
60"		6	66.7	74.8	66.7	99.8	66.7	118.2	66.7	118.2
72"		6	66.7	68.6	66.7	88.4	66.7	109.7	66.7	109.7
24"	60" (5)	4	66.7	114.3	66.7	125.0	66.7	125.0	66.7	125.0
36"		4	66.7	80.7	66.7	107.6	66.7	121.9	66.7	121.9
48"		4	64.3	64.3	66.7	85.8	66.7	97.6	66.7	97.6
60"		6	54.9	54.9	66.7	73.2	66.7	83.8	66.7	83.8
72"		6	49.0	49.0	65.3	65.3	66.7	75.3	66.7	75.3

A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



GLAZING DETAIL

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-0928.23**
Expiration Date: **02/27/2025**
By: *Manuel Perez*
Miami-Dade Product Control



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

JUL 19 2023

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (N.I.)

Pino's Window Corp.
6860 N.W. 75th Street
Medley, FL. 33166
Tel. (305) 888-9946 Fax (305) 888-8079

revisions:		by description	
no	date	no	date
A	02.27.12	A	02.27.12
B	08.07.15	B	08.07.15
C	12.17.19	C	12.17.19
D	11.05.20	D	11.05.20
E	07.13.23	E	07.13.23

date: 11-15-11

scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

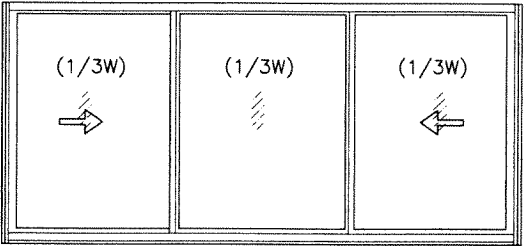
drawing no.

W11-54

sheet 2 of 7

DESIGN LOAD CAPACITY – PSF (XOX SIZES)										
WINDOW DIMS.		A	ANCHORS TYPE 'A' & 'B'				ANCHORS 'A'		ANCHORS 'B'	
			3/16" ANN. GLASS		1/4" ANN. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
74" 106–1/4" 111"	26" (3)	7	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	121.7	66.7	125.0	66.7	125.0	66.7	125.0
74" 106–1/4" 111"	38–3/8" (4)	7	66.7	115.3	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	86.3	66.7	112.8	66.7	125.0	66.7	125.0
		9	66.7	81.9	66.7	106.9	66.7	125.0	66.7	125.0
74" 106–1/4" 111"	50–5/8" (5)	7	66.7	78.4	66.7	104.6	66.7	121.7	66.7	121.7
		9	63.6	63.6	66.7	84.6	66.7	100.4	66.7	100.4
		9	62.3	62.3	66.7	81.8	66.7	98.8	66.7	98.8
74" 106–1/4" 111"	63" (5)	7	59.3	59.3	66.7	79.0	66.7	89.6	66.7	89.6
		9	46.2	46.2	61.6	61.6	66.7	75.0	66.7	70.5
		9	45.0	45.0	60.0	60.0	66.7	75.0	66.7	68.8
72" 84" 96" 108"	24" (3)	7	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
72" 84" 96" 108"	36" (3)	7	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	116.5	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	101.6	66.7	125.0	66.7	125.0	66.7	125.0
72" 84" 96" 108"	48" (4)	7	66.7	85.8	66.7	114.3	66.7	125.0	66.7	125.0
		9	66.7	77.8	66.7	103.8	66.7	122.4	66.7	122.4
		9	66.7	72.4	66.7	96.5	66.7	114.7	66.7	114.7
72" 84" 96" 108"	60" (5)	7	66.7	68.6	66.7	88.8	66.7	109.7	66.7	109.7
		9	64.3	64.3	66.7	85.8	66.7	97.6	66.7	97.6
		9	57.5	57.5	66.7	76.7	66.7	87.6	66.7	87.6
72" 84" 96" 108"	60" (5)	9	52.6	52.6	66.7	70.2	66.7	80.5	66.7	80.5
		9	49.0	49.0	65.3	65.3	66.7	75.3	66.7	75.3

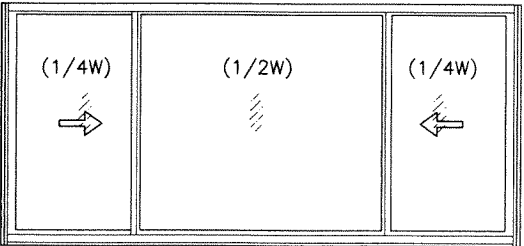
A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

DESIGN LOAD CAPACITY – PSF (XOX SIZES)										
WINDOW DIMS.		A	ANCHORS TYPE 'A' & 'B'				ANCHORS 'A'		ANCHORS 'B'	
			3/16" ANN. GLASS		1/4" ANN. GLASS		3/16" TEMP. GLASS		3/16" TEMP. GLASS	
			EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)
74" 106–1/4" 111"	26" (3)	7	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	82.8	66.7	121.5	66.7	125.0	66.7	125.0
		9	66.7	79.4	66.7	117.0	66.7	125.0	66.7	125.0
74" 106–1/4" 111"	38–3/8" (4)	7	66.7	86.8	66.7	113.5	66.7	125.0	66.7	125.0
		9	60.8	60.8	66.7	78.0	66.7	125.0	66.7	125.0
		9	57.5	57.5	66.7	73.9	66.7	125.0	66.7	125.0
74"	50–5/8" (5)	7	65.5	65.5	66.7	85.0	66.7	118.8	66.7	118.8
74"	63" (5)	7	48.4	48.4	63.9	63.9	66.7	85.2	66.7	85.2
72" 84" 96" 108"	24" (3)	7	66.7	125.0	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	121.1	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	104.4	66.7	125.0	66.7	125.0	66.7	125.0
72" 84" 96" 108"	36" (3)	7	66.7	94.1	66.7	125.0	66.7	125.0	66.7	125.0
		9	66.7	94.1	66.7	124.3	66.7	125.0	66.7	125.0
		9	66.7	82.4	66.7	107.3	66.7	125.0	66.7	125.0
72" 84" 96" 108"	48" (4)	7	66.7	71.4	66.7	92.8	66.7	125.0	66.7	125.0
		9	61.4	61.4	66.7	80.1	66.7	125.0	66.7	125.0
		9	66.7	71.2	66.7	92.8	66.7	125.0	66.7	125.0
72" 84" 96"	60" (5)	7	66.7	71.2	66.7	92.8	66.7	125.0	66.7	125.0
		9	63.6	63.6	66.7	80.6	66.7	123.0	66.7	123.0
		9	55.6	55.6	66.7	69.9	66.7	118.3	66.7	118.3
72"	60" (5)	7	52.5	52.5	66.7	69.6	66.7	93.1	66.7	93.1

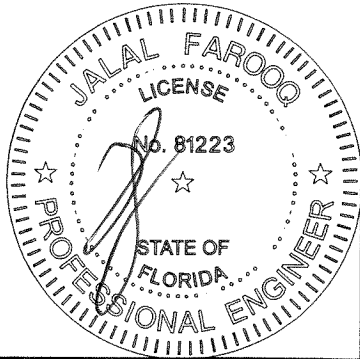
A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300–09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05–DEC–219

JUL 19 2023



PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-0928.23**
Expiration Date: **02/27/2025**
By: *Manuel Perez*
Miami-Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (N.I.)

Pino's Window Corp.
6860 N.W. 75th Street
Medley, FL. 33166
Tel. (305) 888-9946 Fax (305) 888-8079

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E	07.13.23	NO CHANGE THIS SHEET

date: 11-15-11

scale: 1/2" = 1"

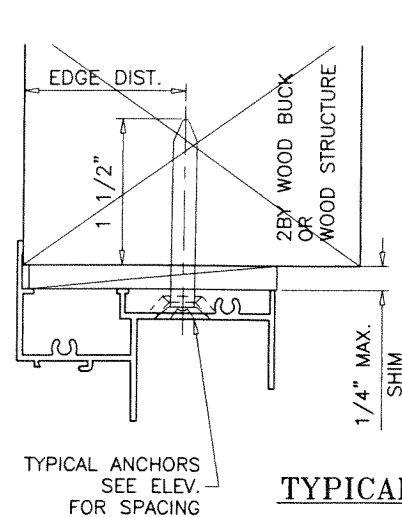
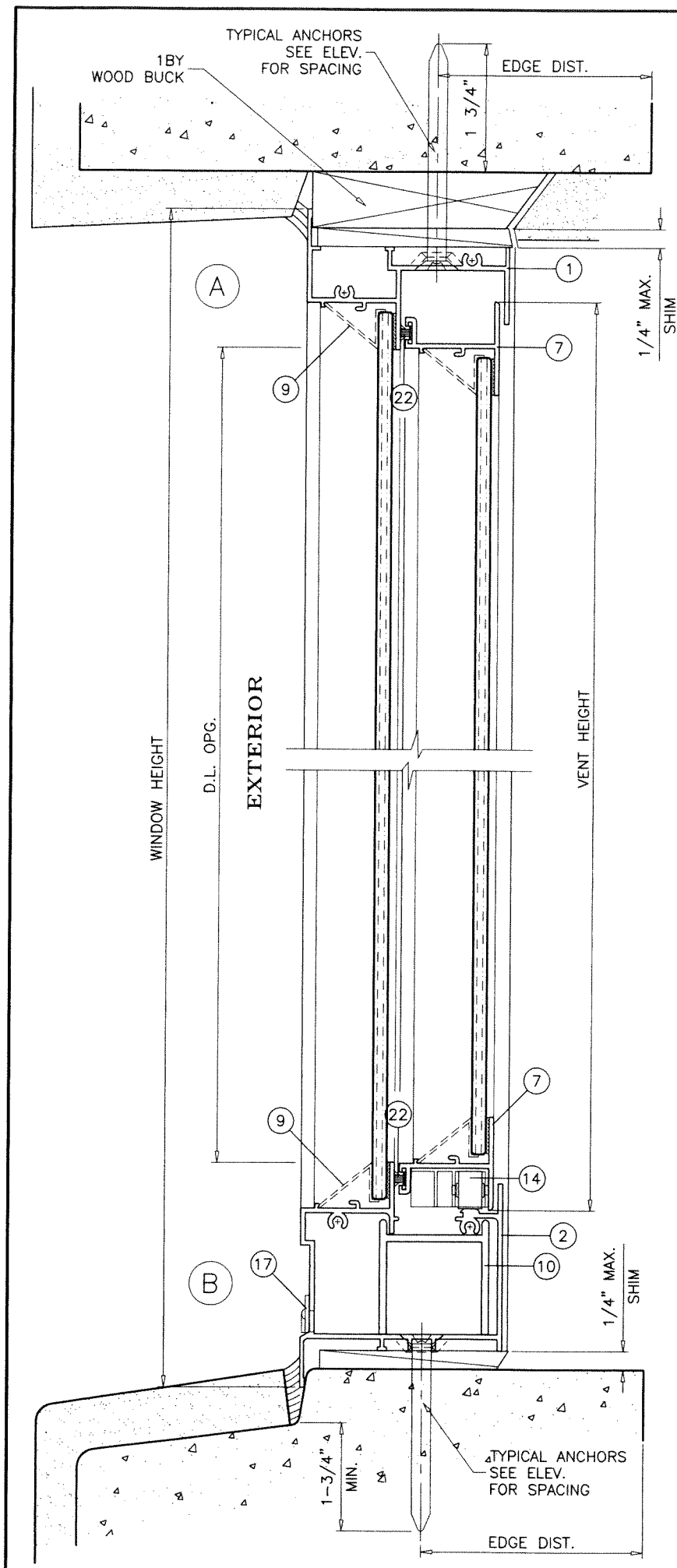
dr. by: TARIQ

chk. by:

drawing no.

W11-54

sheet 3 of 7



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A'

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

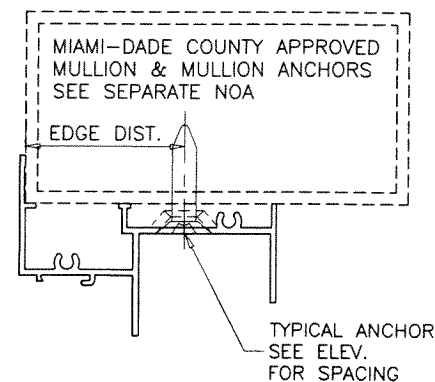
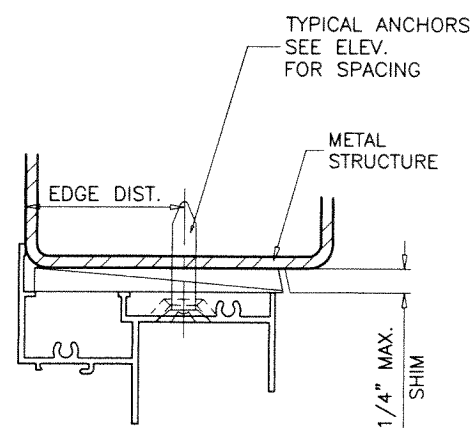
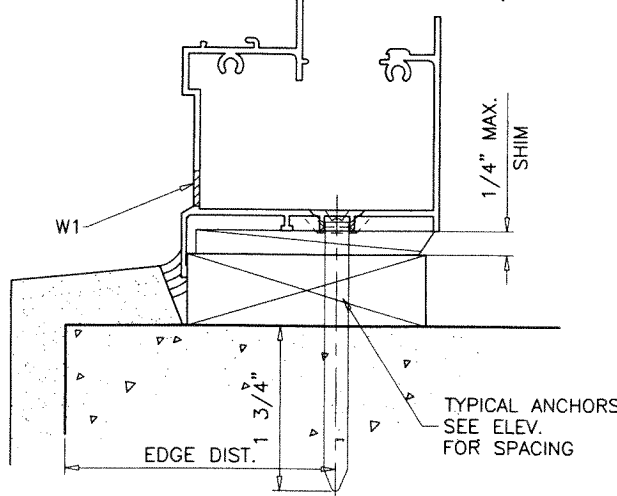
#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



TYPE 'B'

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY
 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

WOOD BUCKS AND METAL STRUCTURE NOT BY 'PINO'S WINDOW'
 MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
 AND TRANSFER THEM TO THE BUILDING STRUCTURE.

WEEPHOLES:

W1 = 1-7/8" X 3/8" WEEPHOLES AT 6-3/8" FROM EACH END

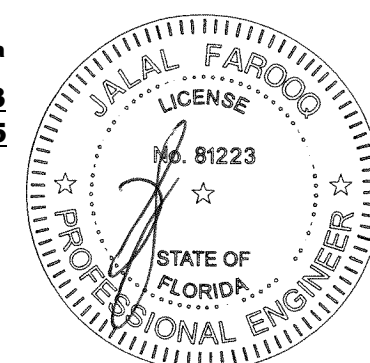
PRODUCT REVISED
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By: *Manuel Fern*
 Miami-Dade Product Control

JUL 19 2023



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 COMP-ANL\W11-54PWC

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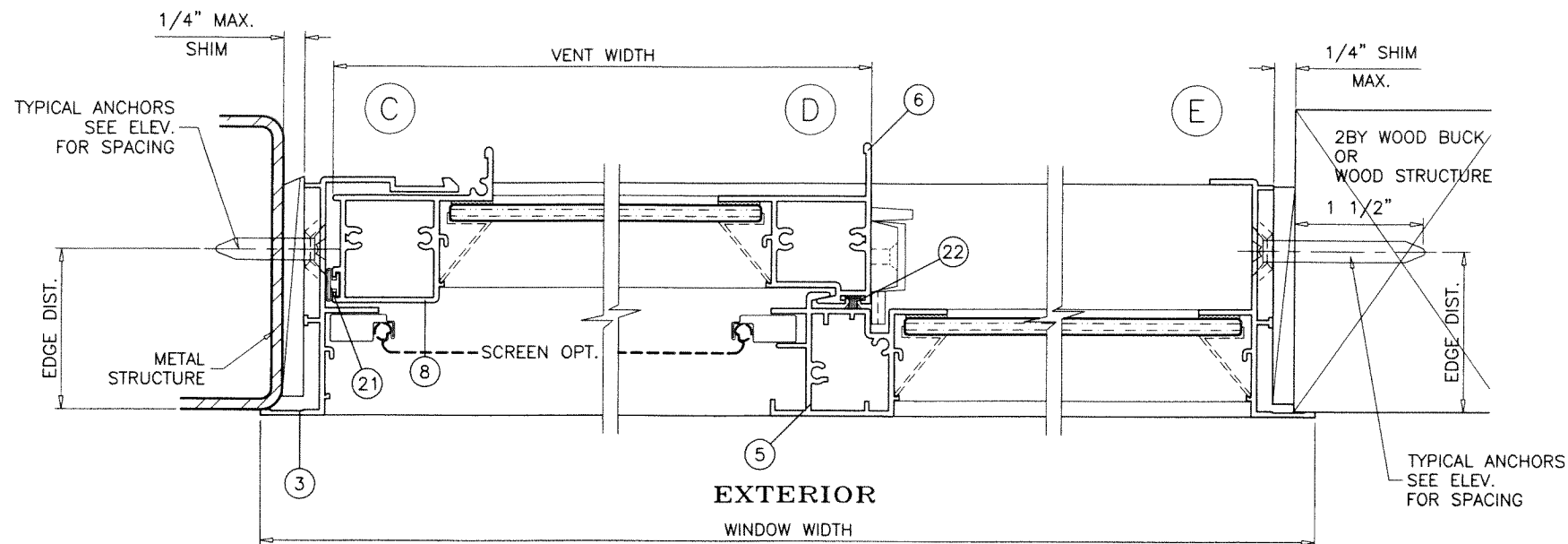
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dr. by: TARIQ

chk. by:

drawing no. **W11-54**

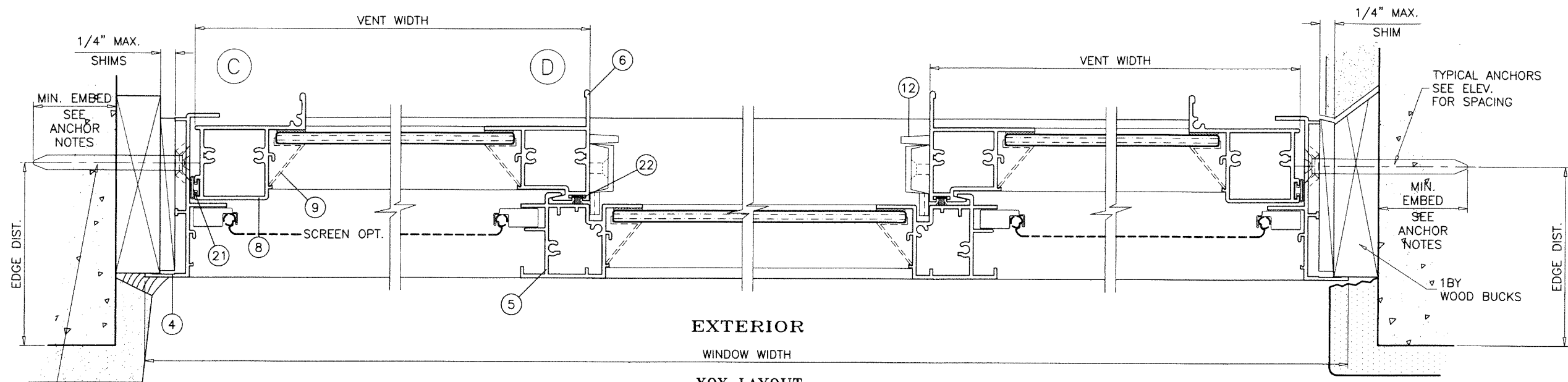
sheet 4 of 7



EXTERIOR

WINDOW WIDTH

XO LAYOUT
OX OPPOSITE



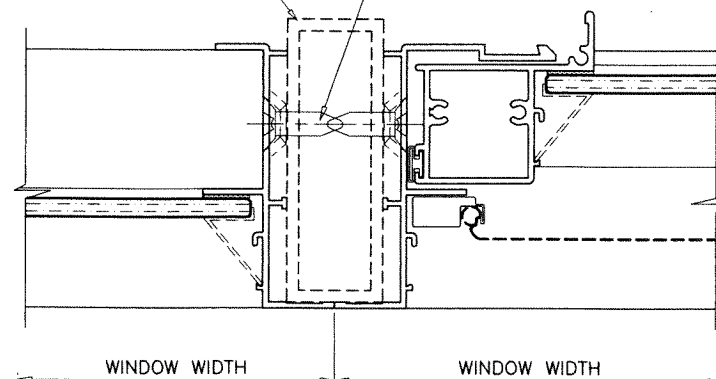
EXTERIOR

WINDOW WIDTH

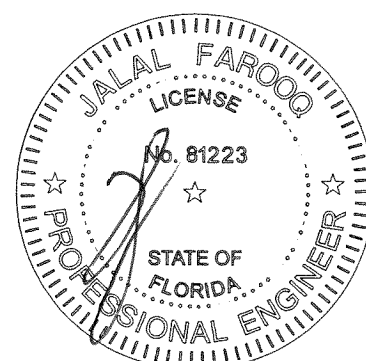
XOX LAYOUT

MIAMI-DADE COUNTY
APPROVED MULLION
& MULLION ANCHORS
SEE SEPARATE NOA

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



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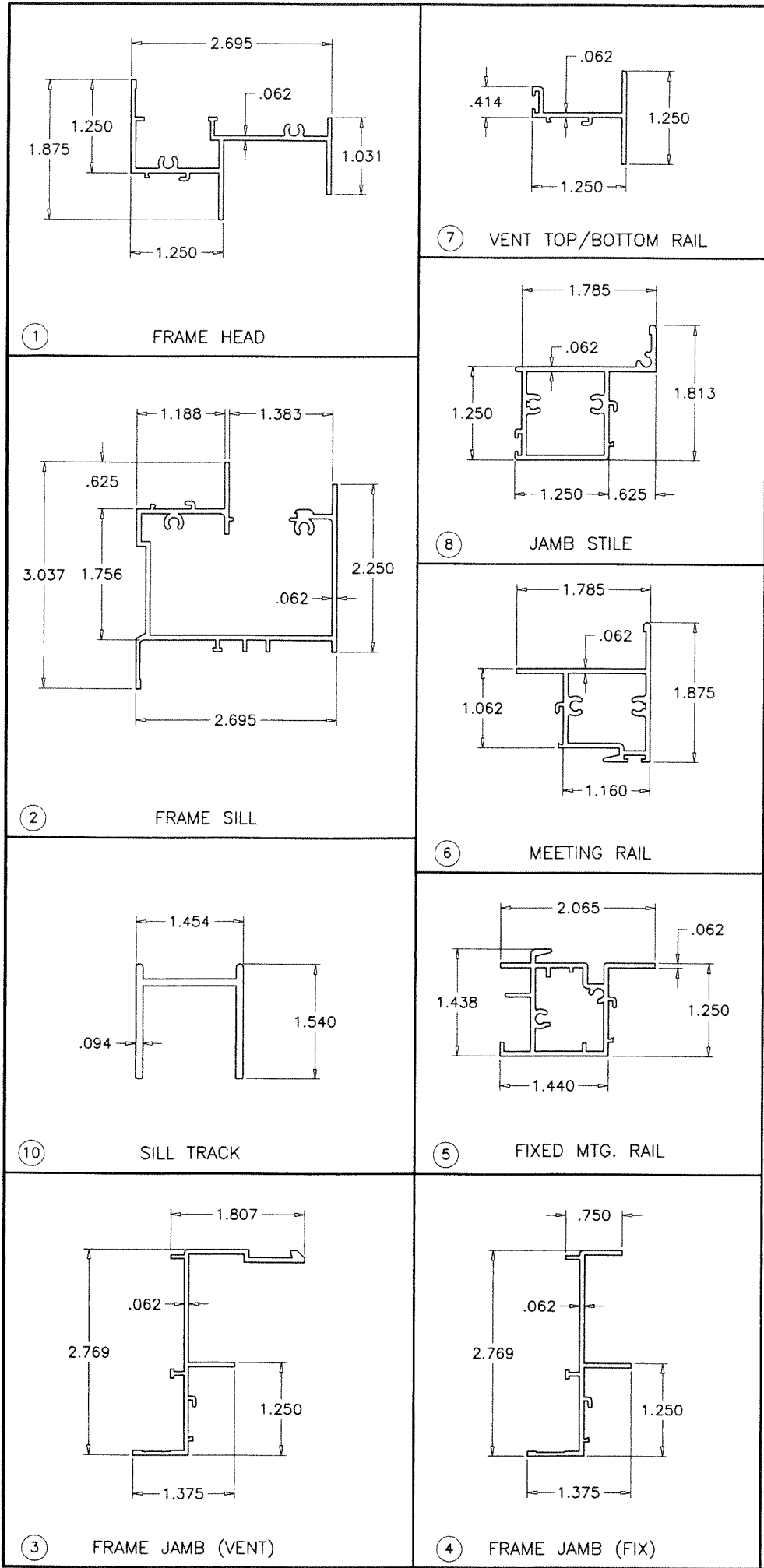
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sheet 5 of 7

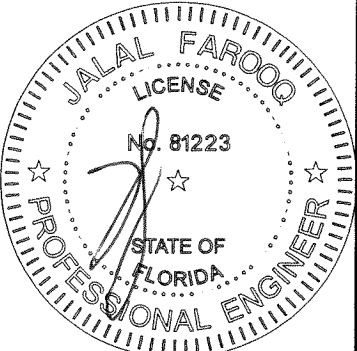


ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FWS-022	1	FRAME HEAD	6063-T6	-
2	FWS-026	1	FRAME SILL	6063-T6	-
3	FWS-019	1	FRAME JAMB VENT	6063-T6	-
4	FWS-	1	FRAME JAMB FIX.	6063-T6	-
5	FWS-025	1/ VENT	FIXED RAIL	6063-T5	-
6	FWS-024	1/ VENT	VENT MEETING RAIL	6063-T6	-
7	FWS-016	2/ VENT	TOP AND BOTTOM RAIL	6063-T5	-
8	FWS-023	1/ VENT	JAMB STILE	6063-T5	-
9	-	OPTIONAL	GLAZING BEAD	ALUMUNUM	ROLL FORMED
10	FWS-015A	1	3-1/2" LONG SILL TRACK INSERT	6063-T5	AT FIXED RAILS ONLY
12	-	2/ VENT	CAM TYPE SWEEP LOCK	ZAMAK	AT 13-7/8" FROM ENDS
14	RH-2500	2/ VENT	ROLLER HOUSING & GUIDE	PLASTIC	M&M PLASTICS
17	FWS-075	AS REQD.	BAFFLE	NYLON	M&M PLASTICS
18	#8 X 1-1/4"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
19	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	P.H. SMS
21	E-205	AS REQD.	BULB W'STRIPPING	FLEX PVC	-
22	W23211NG	AS REQD.	WOOLPILE W'STRIPPING	-	ULTRAFAB OR EQUIV.
25	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL

SEALANTS:

ALL FRAME AND VENT CORNERS, INSTALLATION SCREWS AND BOTTOM OF FIXED MEETING RAIL SEALED WITH CLEAR/ALUM COLORED SEALANT.

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JUL 19 2023

a f c

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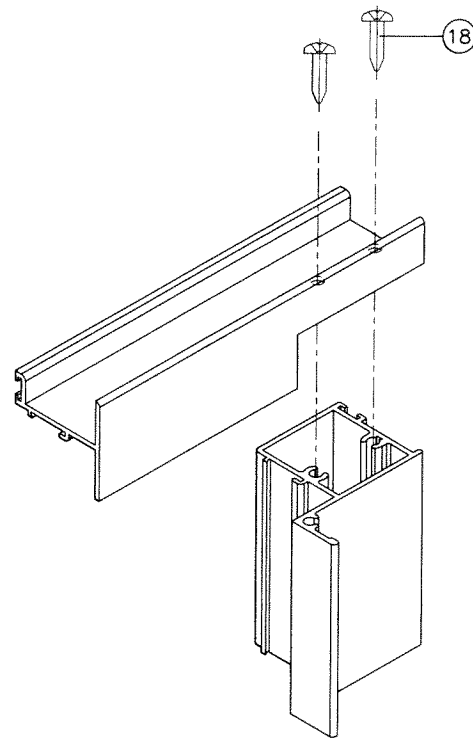
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dr. by: TARIQ

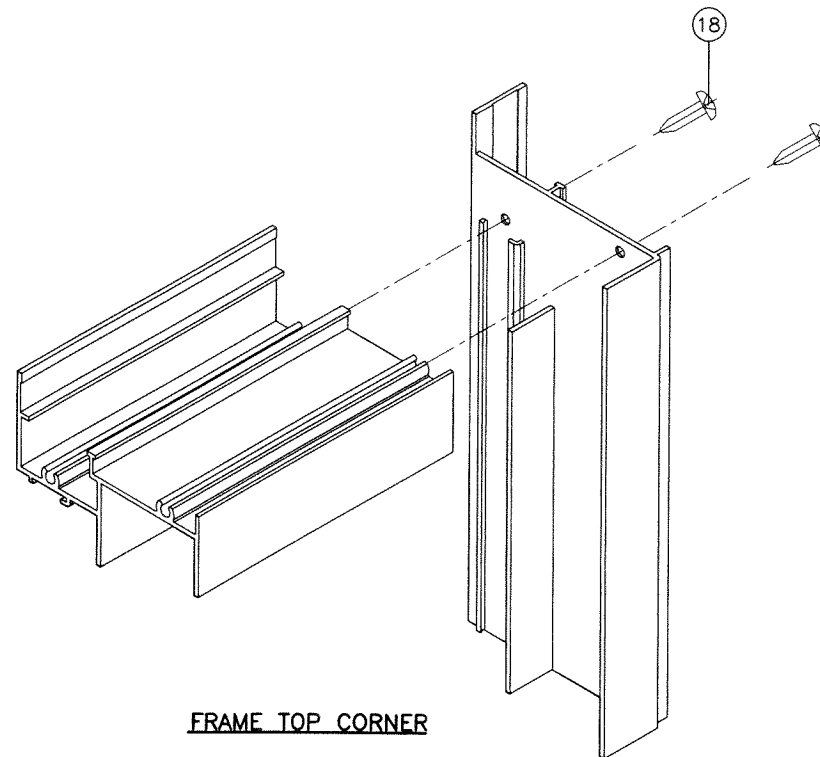
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drawing no. **W11-54**

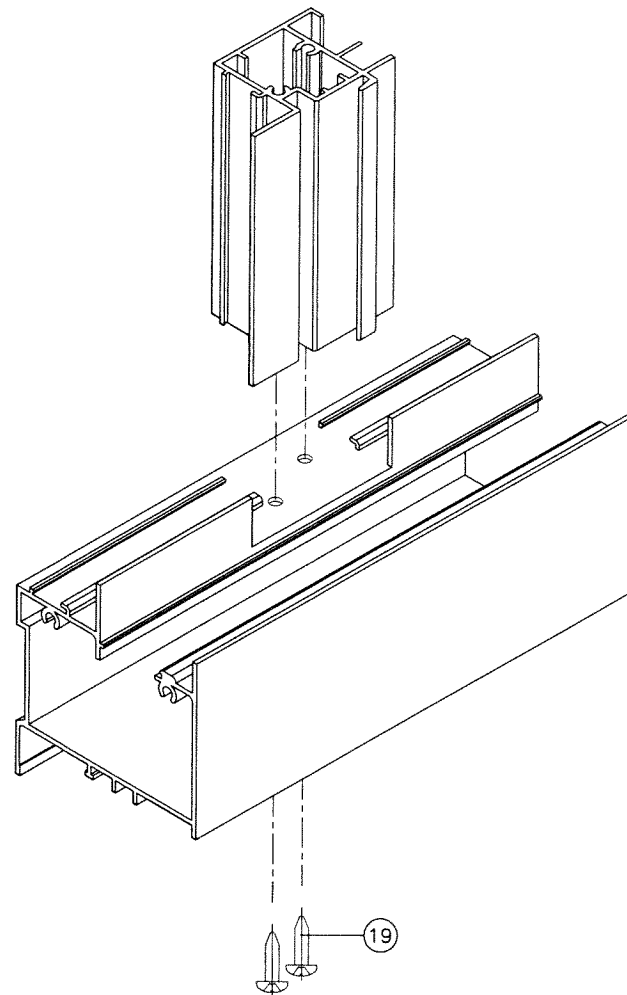
sheet 6 of 7



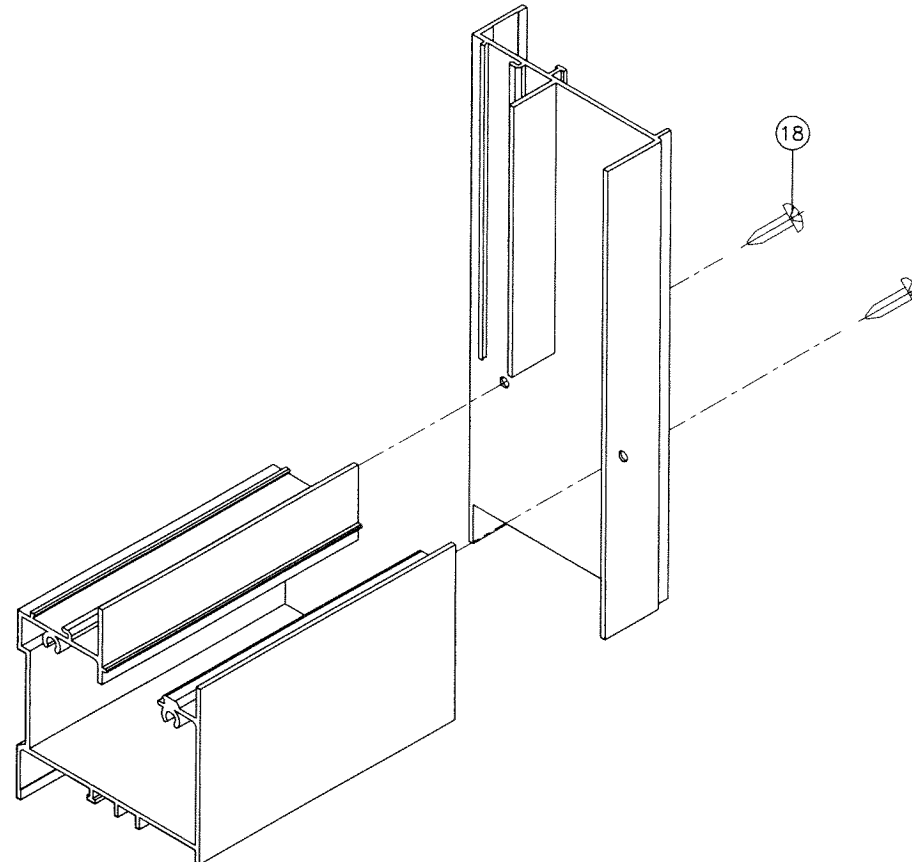
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



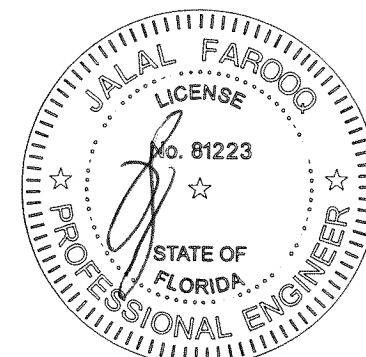
FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

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afc
COMP-ANL\W11-54PWC

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