

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

E.S. Windows, LLC 3550 N. W. 49th Street Miami, FL 33142

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 "6500-3 Tracks" Aluminum Sliding Glass Doors w/wo HR & w/wo reinforcements-LMI

APPROVAL DOCUMENT: Drawing No. **W17-78 Rev B**, titled "Series 6500 3-Track Alum Sliding GL. Door (LMI)", sheets 1 through 16 of 16 (include sheets 6.1 & 10.1), prepared by Al-Farooq Corporation, dated 08-30-17 and last revised on NOV 10, 2020, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant Limitations:

- 1. See SGD w/wo Head Receptor (HR) Design Pressures (DP) Vs. Reinforcements & glazing options in sheet <u>4</u>. See sheet <u>2</u> for SGD elevation without HR and anchors capacity charts in sheet <u>5</u> at Head & at sill. Lower DP controls.
- 2. See sheet <u>3</u> for SGD elevation w/ HR doors and Head/sill anchors capacity charts in sheet <u>5</u>. The max Exterior Positive DP not to exceed = +120.0 PSF, all the cases. See max frame area limitations in elevations sheet 2 & 3.
- 3. See sheet 6 (un-reinforced operable & Fixed panel) & 6.1 (re-inf exterior fixed panels & operable interior). See sheet 12 with <u>free</u> jamb installation for un-reinf & reinforced panels using sheets 6 & 6.1 door configurations. Corner anchors at head/sill, along with intermediate, per sheets 1 & 2 are required.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, BARRANQUILLA, COLOMBIA and series and following statement: "Miami-Dade County Product Control Approved", 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 **renews** NOA #20-1118.08 consist of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



Ishaq 1. Chandes

NOA No. 22-1220.07 Expiration Date: March 28, 2028 Approval Date: January 12, 2023 Page 1

1. Evidence submitted under previous approval

A. DRAWINGS

- 1. Manufacturer's die drawings and sections
- 2. Drawing No. W17-78 Rev A, titled "Series 6500 3-Track Alum Sliding GL. Door (LMI)", sheets 1 through 16 of 16 (include sheets 6.1 & 10.1), prepared by Al-Farooq Corporation, dated 08-30-17 and last revised on FEB 21, 2018, signed and sealed by Javad Ahmad, P.E.

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 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
- 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of OXXXXO & XXX aluminum sliding glass door (3-tracks), prepared by Fenestration Testing Laboratories, Test Report No. **FTL-9548** (**FTL 17096**), dated 06/06/2017, signed and sealed by Idalmis Ortega, P.E.

2. Additional 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
- 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of OXXO aluminum sliding glass door (2-tracks), prepared by Fenestration Testing Laboratories, Test Report No. **FTL-7130 (FTL 12093)**, dated 04/05/13 and last revised on 09-12-13, signed and sealed by Marlin D. Brinson, P.E.

- 3. Additional 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
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of OXXX aluminum SGD (2-tracks), prepared by Fenestration Testing Laboratories, Test Report No. **FTL- 6990(FTL12051)**, dated 08/06/12, signed and sealed by Marlin D. Brinson, P.E.

4. Additional reference test report **#BT-ESW-15-005** (Items **#2**, **#3** & **#4** submitted under files **#15-0602.07** & **#13-0115.05**)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2017 (6th Edition), prepared by Al Farooq Corporation, dated AUG 13, 2017, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies w/ ASTME-1300-02, -04 & -09.

Ishag 1. Chands

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 22-1220.07 Expiration Date: March 28, 2028 Approval Date: January 12, 2023

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the "Sentry Glass ® Interlayer", expiring on 07/4/23.
- 2. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for "Trofosil, ultra-clear & color" (former "Kuraray Butacite PVB Interlayer", expiring on 07/08/19.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2017 (6th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 03-20-18, signed and sealed by Javad Ahmad, P.E.
- 2. Lab compliance as part of the above referenced test report.

G. OTHER

- 1. This 3-track NOA is supplemented by 2-Tracks Alum SGD from NOA(s) #15-0602.07 & #13-0115.05.
- **2.** ES Windows Distribution agreement -Energia Solar, S.A. and ES Windows, LLC, dated 09/12/13, signed by Ms. Adriana Montoya, Manager and Andres Chamorro, General manager respectively on behalf of the companies.
- 3. Technical cut sheet data for EPDM, rubber compound by Solucionesencaucho, Columbia.

2. Evidence submitted previous approval

A. DRAWINGS

1. Drawing No. W17-78 Rev B, titled "Series 6500 3-Track Alum Sliding GL. Door (LMI)", sheets 1 through 16 of 16 (include sheets 6.1 & 10.1), prepared by Al-Farooq Corporation, dated 08-30-17 and last revised on NOV 10, 2020, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

 Anchor verification calculations and structural analysis, complying with FBC 7th Edition (2020), dated 11/10/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

D. QUALITY ASSURANCE

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

Ishag 1. Chands

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 22-1220.07 Expiration Date: March 28, 2028 Approval Date: January 12, 2023

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24.
- 2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "Sentry Glass ® Interlayer", expiring on 07/4/23.

D. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC** 7th **Edition (2020)**, dated 11/16/20, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
- 2. Distribution agreement between Energia Solar, S.A.-ES Windows and ES Windows, LLC, dtd 08/03/15, signed by Ms. Carla Garcia (MGR) and Andres Chamorro (Gen. MGR) respectively (original copy in various ES approved NOA(s) files.

G. OTHER

1. This NOA revises NOA No. 17-0505.02, expiring 03/28/23.

Ishag 1. Chandes

3. New Evidence submitted previous approval

A. DRAWINGS

1. Drawing No. **W17-78 Rev B**, titled "Series 6500 3-Track Alum Sliding GL. Door (LMI)", sheets 1 through 16 of 16 (include sheets 6.1 & 10.1), prepared by Al-Farooq Corporation, dated 08-30-17 and last revised on NOV 10, 2020, signed and sealed by Jalal Farooq, P.E.

B. TESTS

- 1. None (submitted in previous approval).
- C. CALCULATIONS (submitted in previous approval).
 - 1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 05/09/19, expiring on 07/08/24.
- 2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont DE Nemours & Co., Inc.) for the "Sentry Glass ® Interlayer", expiring on 07/4/23.

F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC** 7th **Edition (2020)**, dated 12/16/22, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
- 2. Distribution agreement between Energia Solar, S.A.-ES Windows and ES Windows, LLC, dtd 08/03/15, signed by Ms. Carla Garcia (MGR) and Andres Chamorro (Gen. MGR) respectively (original copy in various ES approved NOA(s) files.

G. OTHER

1. This NOA renews NOA No. 20-1118.08, expiring 03/28/28.

Ishaq 1. Chandes

DAYLITE OPENINGS WIDTHS: FIXED STILE-INTERLOCK = PANEL WIDTH - 7.437" INTERLOCK-ASTRAGAL = PANEL WIDTH - 6.375"LOCK STILE-INTERLOCK = PANEL WIDTH - 7.187"

DAYLITE OPENING HEIGHT: PANEL HEIGHT - 7.375"

PANEL HEIGHT = DOOR FRAME HEIGHT - 1.750° (W/O RECEPTOR) PANEL HEIGHT = OVERALL HEIGHT - 3.500° (WITH RECEPTOR)

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE <u>STEP_1</u> USING APPLICABLE ASCE 7 STANDARD.
- .STEP 2 DETERMINE DOOR CAPACITY FROM TABLES ON SHEET 4 FOR THE GLASS TYPE AND REINFORCING TO USE.
- <u>.STEP 3</u> USING CHARTS ON SHEET 5 FOR HEAD (WITH OR W/O RECEPTOR) AND SILL ANCHORS SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4 THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES ES-6500-3 TRACK

ALUMINUM SLIDING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1'BY 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.

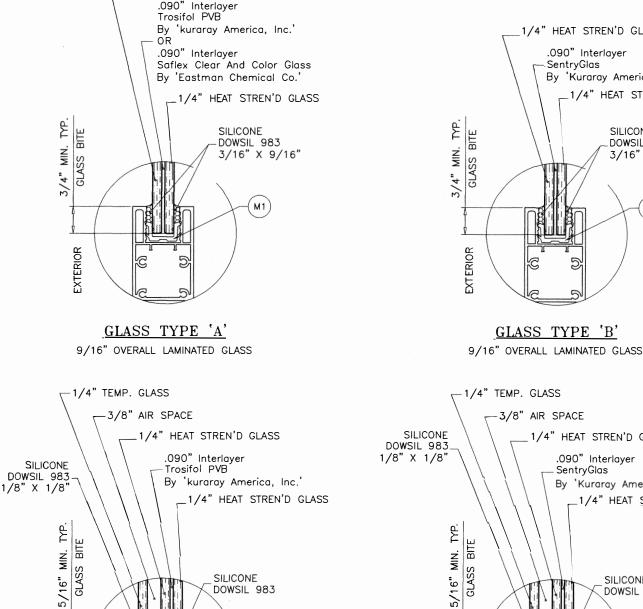
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

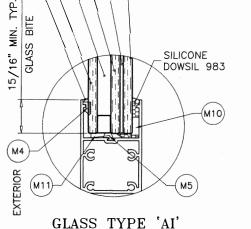
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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)'.





_1/4" HEAT STREN'D GLASS

1-1/4" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

(м4

EXTERIOR

(M11

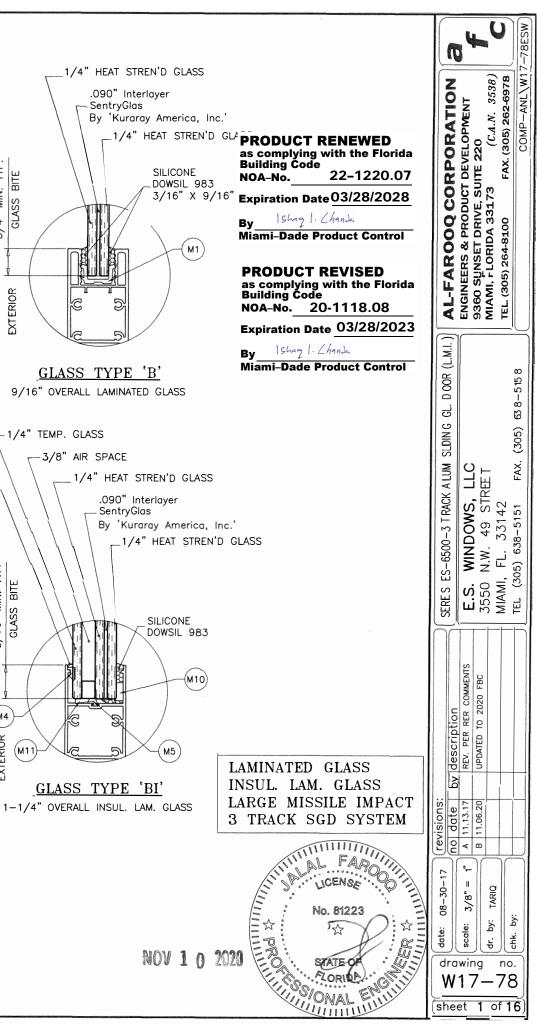
GLASS TYPE 'BI

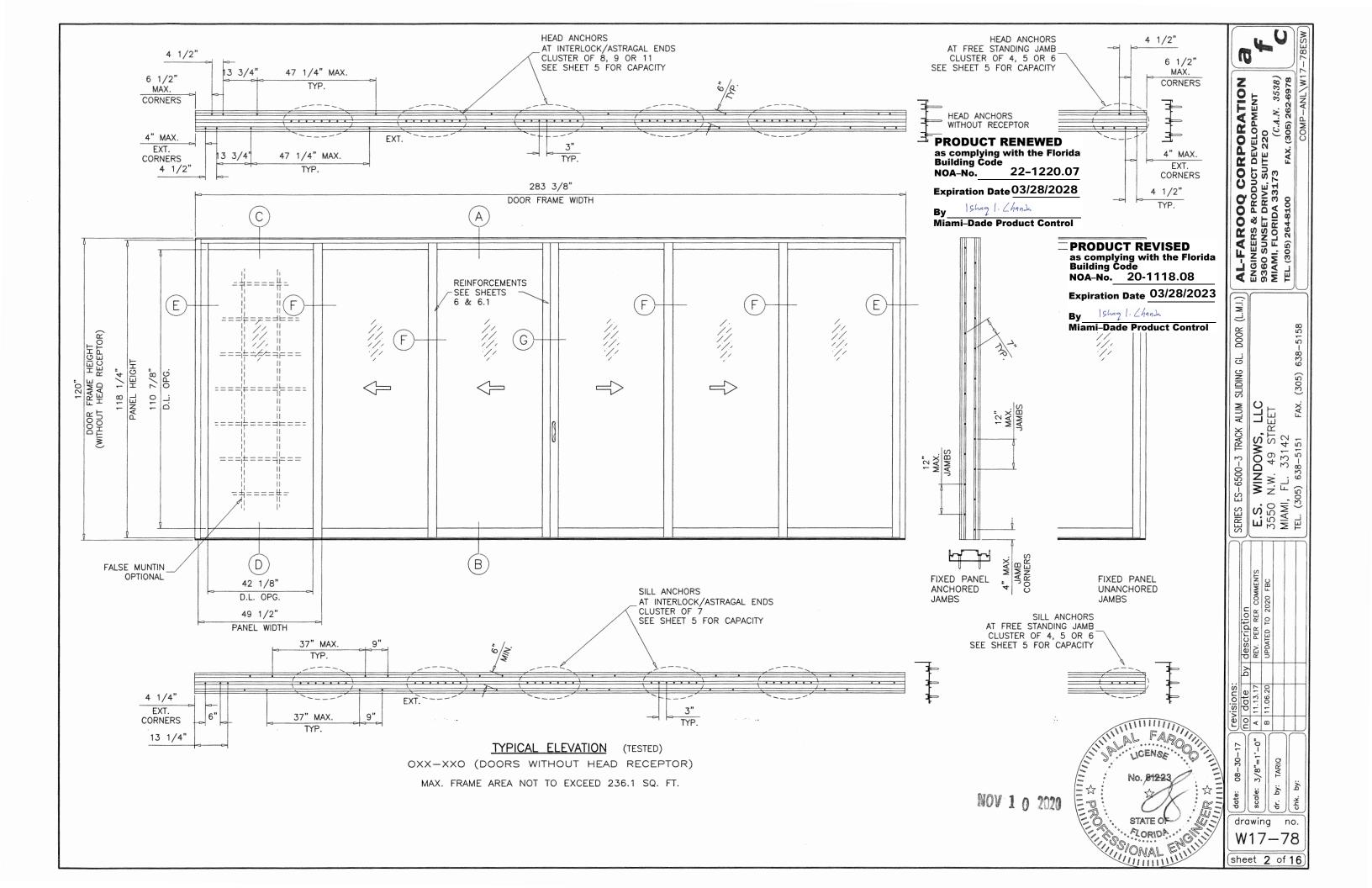
3/8" AIR SPACE CONSISTING OF:

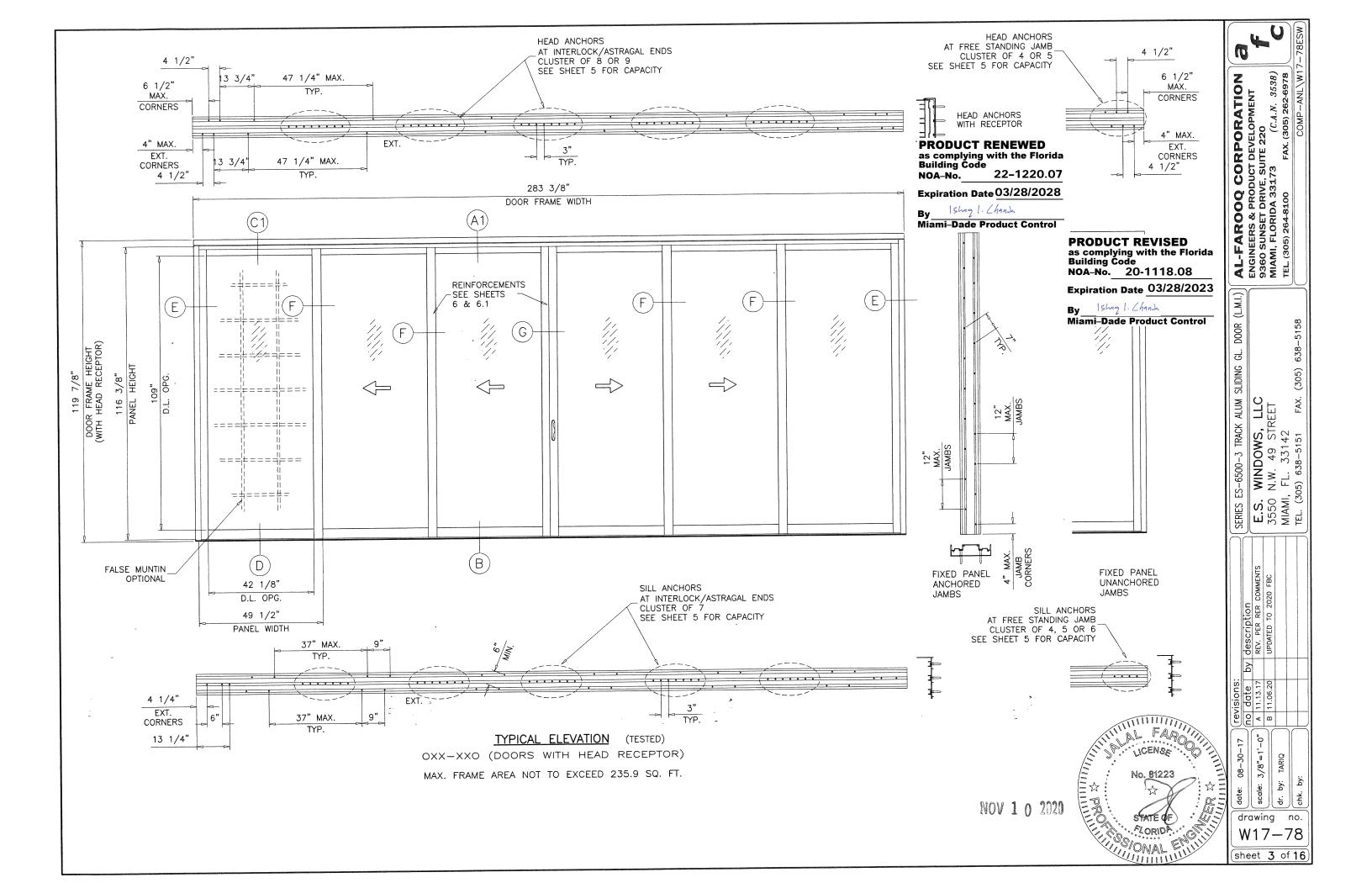
SPACER: 'HELIMA' LOW PROFILE ALUMINUM SPACER BY 'LINGERMANN GMBH' AROUND THE PERIMETER OF THE GLASS. PERIMETER SEALANT: SILICONE DOWSIL 791 GE 2000

5

SentryGlas





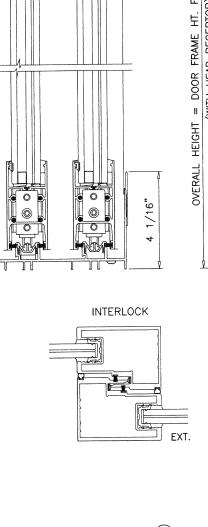


DESIGN	LOAD CAL					HEAD REC		
	DOOD FRAME			REINFORCI		WITH REINFORCING GLASS 'B' & 'B1'		
PANEL WIDTH	DOOR FRAME HEIGHT	GLASS 'A	' & 'A1'	GLASS 'E		+		1
INCHES	INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	ĺ
36		85.0	85.0	85.0	85.0	120.0	135.0	
42		85.0	85.0	85.0	85.0	120.0	135.0	
48	82	85.0	85.0	85.0	85.0	120.0	135.0	
54		75.6	75.6	75.6	75.6	106.7	120.0	FRAME HEIGHT
60		-	-	68.0	68.0	96.0	108.0	Ш
36		85.0	85.0	85.0	85.0	120.0	135.0	Ψ
42		85.0	85.0	85.0	85.0	120.0	135.0	RAN
48	84	85.0	85.0	85.0	85.0	120.0	135.0	
54		75.6	75.6	75.6	75.6	106.7	120.0	DOOR
60		-	-	68.0	68.0	96.0	108.0	1
36		85.0	85.0	85.0	85.0	120.0	135.0	MAX.
42		85.0	85.0	85.0	85.0	120.0	135.0	2
48	90	85.0	85.0	85.0	85.0	120.0	135.0	120"
54		-	-	75.6	75.6	106.7	120.0	
60		-	-	68.0	68.0	96.0	108.0	
36		8 5 .0	85.0	8 5 .0	8 5 .0	120.0	135.0	
42		85.0	85.0	85.0	85.0	120.0	135.0	
48	96	85.0	85.0	85.0	85.0	120.0	135.0	
54		_	_	75.6	75.6	106.7	120.0	
60		_	-	68.0	68.0	96.0	108.0]
36		_	_	85.0	85.0	120.0	135.0	
42			_	85.0	85.0	120.0	135.0	
48	102	_	-	85.0	85.0	120.0	135.0	
54		_	_	75.6	75.6	106.7	120.0	
36		- 1	-	85.0	85.0	120.0	135.0]
42	108	-	-	85.0	85.0	120.0	135.0	1
48		-	-	85.0	85.0	120.0	135.0	1
36		<u>+ -</u>	-	85.0	85.0	120.0	135.0	1
42	114	-	-	85.0	85.0	120.0	135.0	1
48		_		85.0	85.0	120.0	135.0	1
36		+		85.0	85.0	120.0	135.0	1
42	120	-	+ _	85.0	85.0	120.0	135.0	1
48	120		-	85.0	85.0	120.0	135.0	1

CHART ABOVE SHOWS FRAME HEIGHTS FOR DOORS WITHOUT HEAD RECEPTOR. FOR DOORS WITH HEAD RECEPTORS OVERALL HEIGHT = DOOR FRAME HT. FROM CHART - 2".

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY EGRESS REQUIREMENTS PER FBC AS REQUIRED.

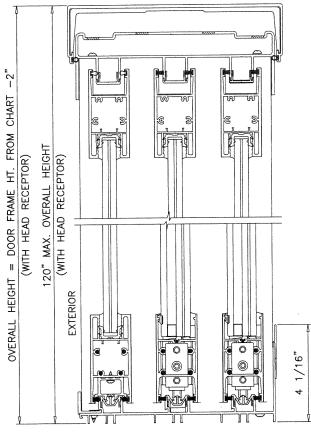
NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



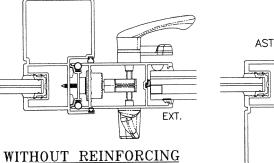
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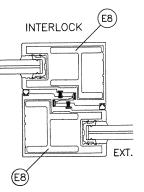
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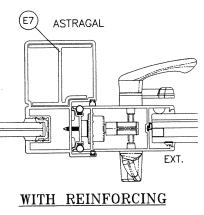
EXTERIOR

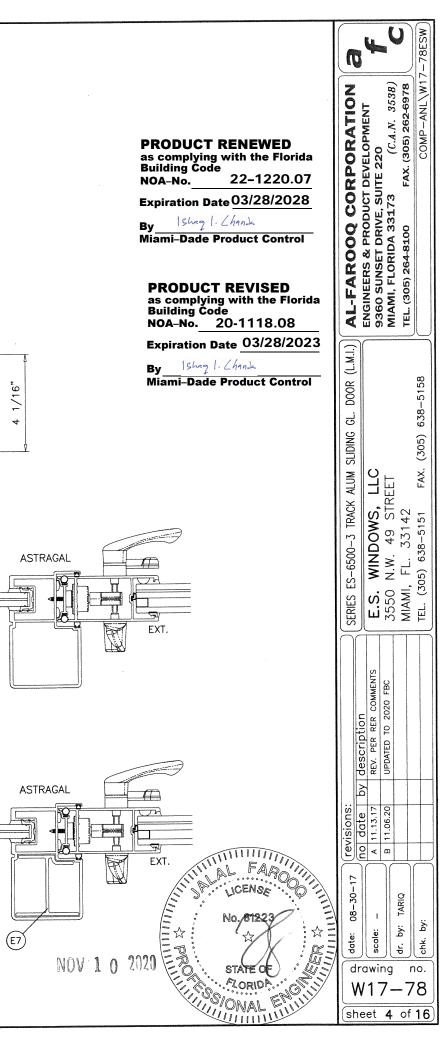


ASTRAGAL









				(DOO)	ANCHOR LOAI RS WITHOUT	HEAD RECEP	TOR)						(DOORS WITH	OAD CAPACITY - I HEAD RECEPTO D SHEET 3 ELEVATION	R)
			1.1	(AF	PLICABLE TO SI		ANCHOR	TVPF 'B'		T	ANCHOR 'C'	ANCHOR	TYPE	ANCHOR 7	TYPE 'D'
ANCHOR	TYPE	T	R TYPE 'A'			a (all 14)	I I		" MAX. SHIM		3/8" SHIM	SHIM SPACE 1/4" MA		. SHIM	
SHIM S	PACE	1/4" SHIM 8 ANCHORS AT MTG.	8 ANCHORS AT MTG.	AX. SHIM 9 ANCHORS AT MTG.	1/4" SHIM 8 ANCHORS AT MTG.	3/8" MA 8 ANCHORS AT MTG. STILE ENDS	9 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS	9 ANCHORS AT MTG. STILE ENDS	11 ANCHORS AT MTG. STILE ENDS	8 ANCHORS AT MTG. STILE ENDS		DOOR FRAME	8 ANCHORS AT MTG. STILE ENDS	9 ANCHORS AT MTG. STILE ENDS
ANEL WIDTH	DOOR FRAME HEIGHT INCHES	STILE ENDS EXT. (+)	STILE ENDS EXT. (+)	STILE ENDS EXT. (+)	EXT. (+)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	PANEL WIDTH INCHES	-	EXT. (+) INT. (-)	EXT. (+) INT. (-)
INCHES	INCHES	INT. (-)	INT. (-)	INT. (-)	INT. (-) 135.0	135.0	135.0	135.0	135.0	135.0	135.0	36		135.0	135.0
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	42		135.0	135.0
42		135.0	135.0	135.0			135.0	135.0	135.0	135.0	135.0	48	82	135.0	135.0
48	82	135.0	135.0	135.0	135.0	135.0	120.0	120.0	120.0	120.0	120.0	54		120.0	120.0
54		120.0	120.0	120.0	120.0	120.0		120.0	120.0	108.0	108.0	60		108.0	108.0
60		108.0	108.0	108.0	108.0	108.0	108.0		135.0	135.0	135.0	36		135.0	135.0
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0		135.0	135.0	42		135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0		135.0	48	84	135.0	135.0
48	84	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	120.0	40 54		120.0	120.0
54		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0				108.0	108.0
60		108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	60		135.0	135.0
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	36 42		135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0		90	135.0	135.0
48	90	135.0	135.0	135.0	135.0	135.0	135.0	131.1	135.0	135.0	135.0	48	90	120.0	120.0
54		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	54			120.0
60		108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	108.0	60		108.0	
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	36		135.0	135.0
42		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	42		135.0	135.0
48	96	135.0	135.0	135.0	135.0	135.0	135.0	128.5	135.0	135.0	135.0	48	96	135.0	135.0
	30	120.0	120.0	120.0	120.0	120.0	120.0	114.2	120.0	120.0	120.0	54		120.0	120.0
54		108.0	108.0	108.0	108.0	108.0	108.0	102.8	108.0	108.0	108.0	60		108.0	108.0
60			135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	36		135.0	135.0
36		135.0		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	42	102	135.0	135.0
42		135.0	135.0		135.0	135.0	135.0	120.9	133.0	135.0	135.0	48	102	135.0	135.0
48	102	135.0	135.0	135.0		120.0	120.0	107.5	118.3	120.0	120.0	54		120.0	120.0
54		120.0	120.0	120.0	120.0	135.0	135.0	135.0	135.0	135.0	135.0	36		135.0	135.0
36		135.0	135.0	135.0	135.0		135.0	130.5	135.0	135.0	135.0	42	108	135.0	135.0
42	108	135.0	135.0	135.0	135.0	135.0	135.0	114.2	125.6	135.0	135.0	48		135.0	135.0
48		135.0	135.0	135.0	135.0	135.0			135.0	135.0	135.0	36		135.0	135.0
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	42	114	135.0	135.0
42	114	135.0	135.0	135.0	135.0	135.0	135.0	123.7		135.0	135.0	48		134.0	135.0
48		135.0	135.0	135.0	135.0	135.0	135.0	108.2	119.0		135.0	36		135.0	135.0
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	42	118-1/8	135.0	135.0
42	118-1/8	135.0	135.0	135.0	135.0	135.0	135.0	119.4	131.3	135.0	135.0	48		134.0	135.0
48		135.0	132.6	135.0	135.0	132.6	135.0	104.4	114.9	135.0		36		135.0	135.0
36		135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0	135.0		119-7/8	135.0	135.0
42	120	135.0	135.0	135.0	135.0	135.0	135.0	117.5	129.2	135.0	135.0	42 48	119-7/0	135.0	135.0
48		135.0	130.6	135.0	135.0	130.6	135.0	102.8	113.1	133.6	135.0	48		4 ANCHORS AT	5 ANCHORS
9969, 0997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 1997, 19		4 ANCHORS AT FREE STANDING JAMB ENDS		F 5 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	4 ANCHORS AT FREE STAND. JAMB ENDS	5 ANCHORS AT FREE STAND. JAMB ENDS		F 5 ANCHORS AT FREE STAND. JAMB ENDS	6 ANCHORS AT FREE STAND. JAMB ENDS				4 ANCHORS AI FREE STANDING JAMB ENDS	FREE STAND JAMB ENI

CHART ABOVE SHOWS FRAME HEIGHTS FOR DOORS WITHOUT HEAD RECEPTOR.

LIMIT ALL EXTERIOR LOADS TO +120.0 PSF MAX. FOR REINFORCED SGD SYSTEM PER SHEETS 4 & 6 LIMIT ALL EXT./INT. LOADS TO ± 85.0 PSF MAX. FOR UN-REINFORCED SGD SYSTEM PER SHEETS 4 & 6.1

PRODUCT RENEWED as complying with the Florida Building Code 22-1220.07 NOA-No.

Expiration Date 03/28/2028

Ishag 1. Chands By

Miami-Dade Product Control

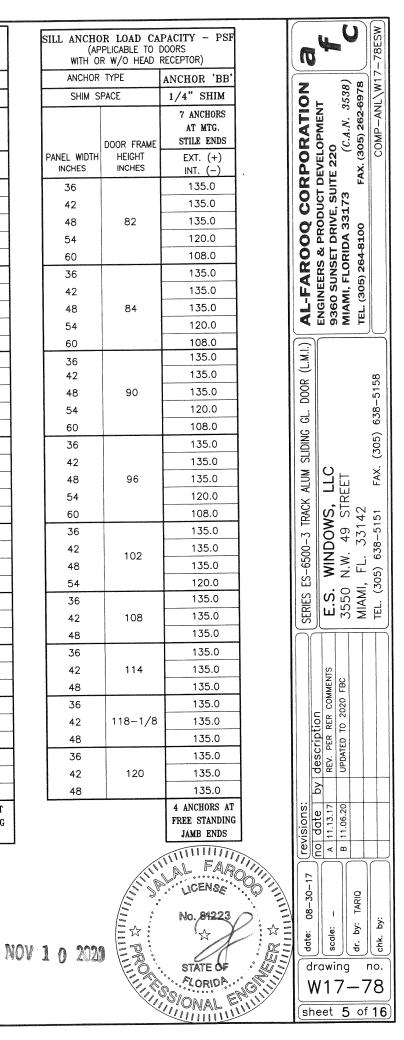
PRODUCT REVISED as complying with the Florida Building Code NOA-No. 20-1118.08 Expiration Date 03/28/2023

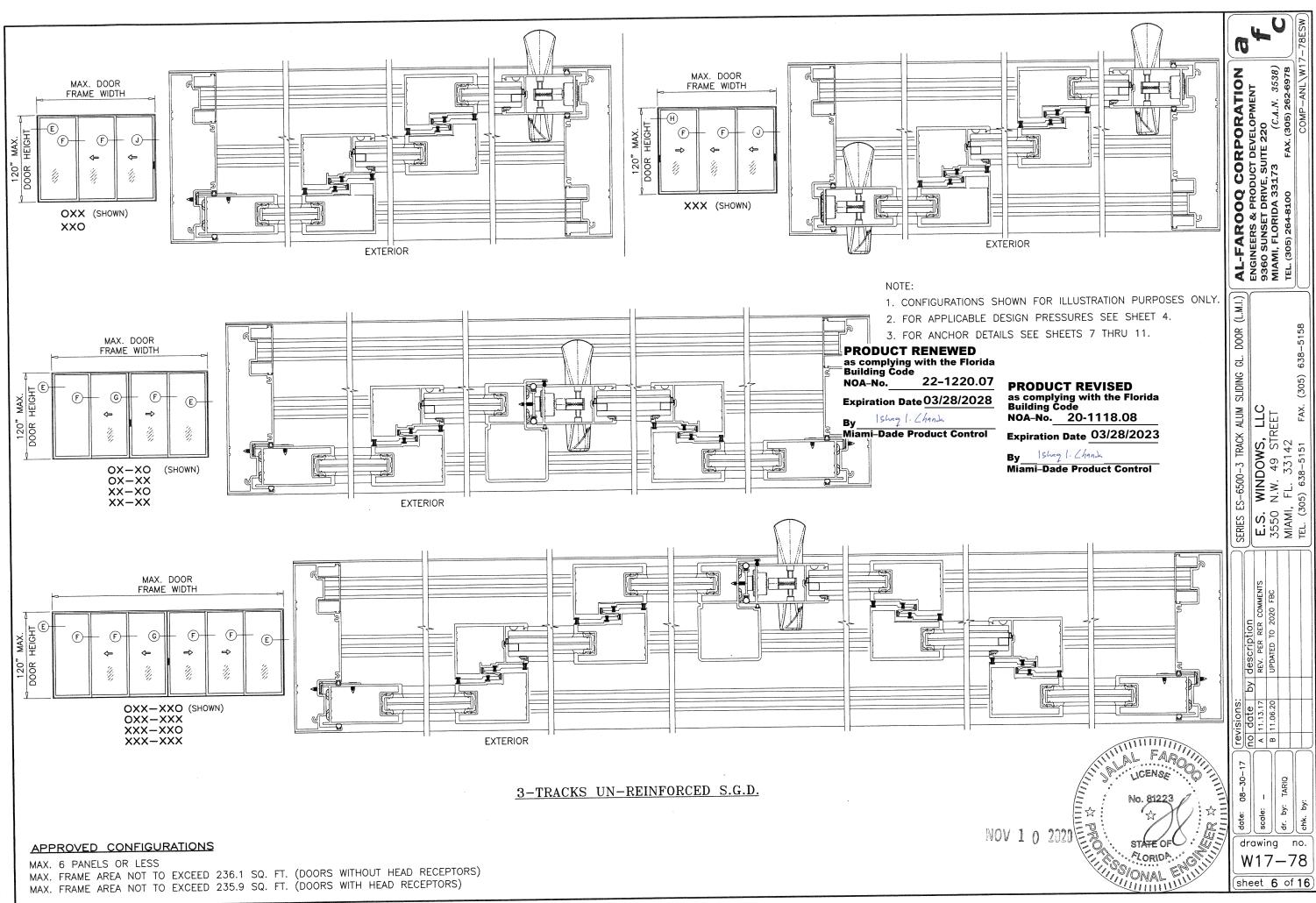
By Ishag I. Chank Miami-Dade Product Control

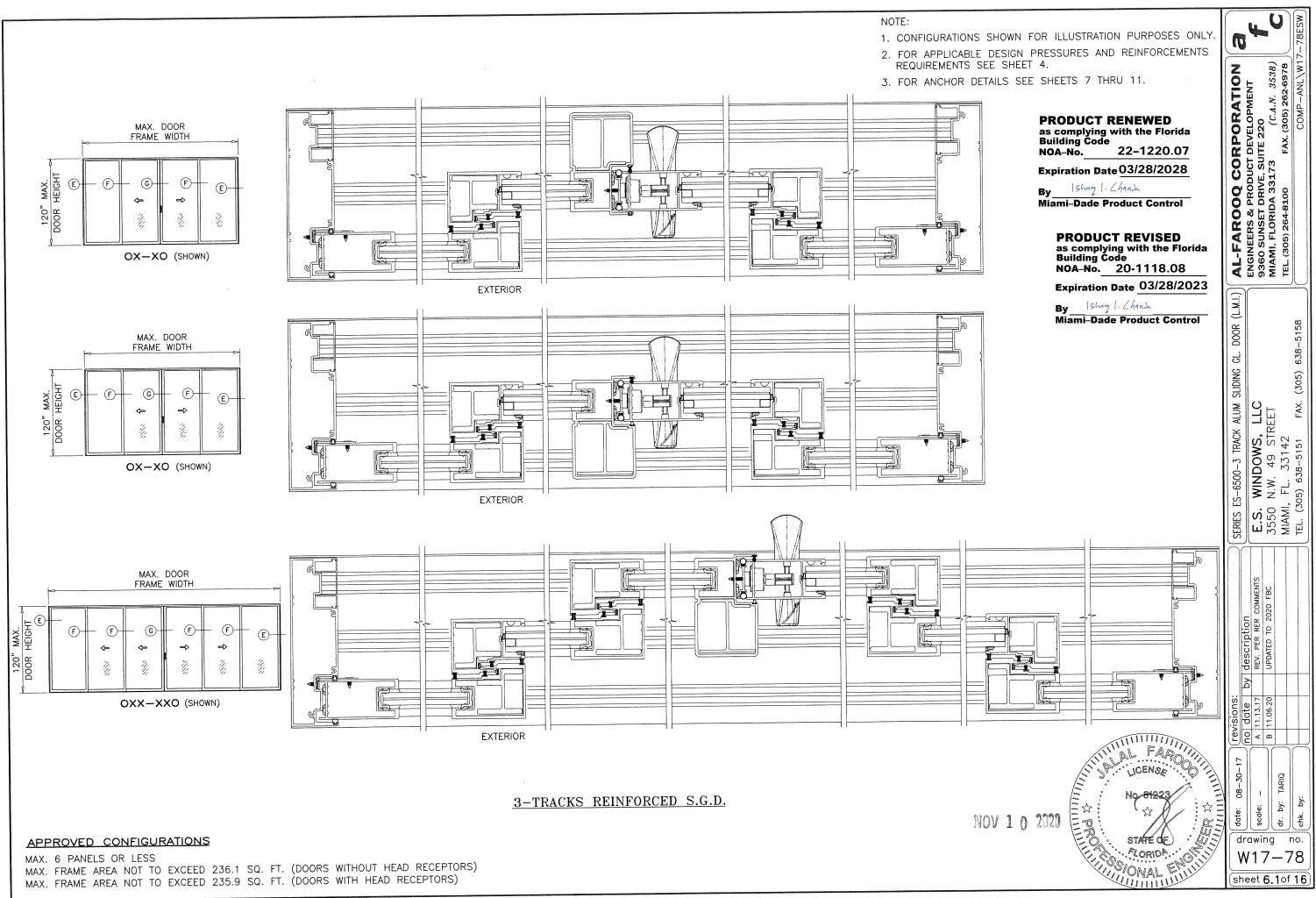
SEE CHART ON SHEET 4 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE AND REINFORCING TYPES.

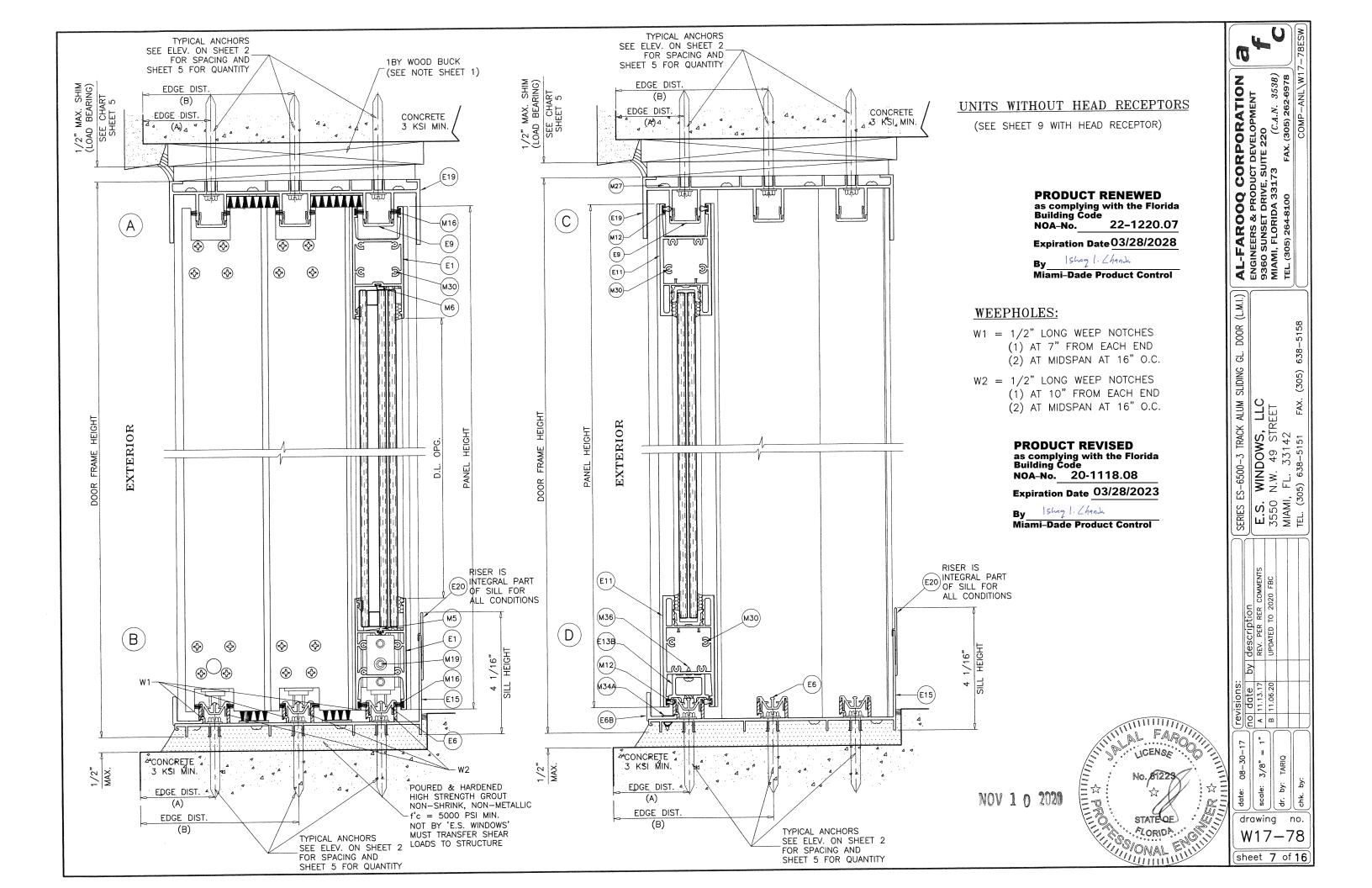
SEE CHART ABOVE FOR HEAD AND SILL ANCHOR CAPACITY.

LOWER DESIGN PRESSURES FROM DESIGN LOAD CHART, HEAD ANCHOR CHART OR SILL ANCHOR CHART WILL APPLY TO ENTIRE SYSTEM.





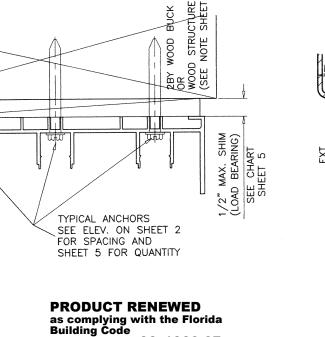




1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'E.S. WINDOWS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE. EDGE DIST TYPICAL ANCHORS: SEE ELEV. FOR SPACING - AT HEAD (FOR DOORS WITHOUT HEAD RECEPTOR) 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI) TYPE 'A'-INTO 2BY WOOD BUCKS OR WOOD STRUCTURES ufu 1-1/2" MIN. PENETRATION INTO WOOD EXT THRU 1BY WOOD BUCKS INTO CONCRETE 1-3/8" MIN. EMBED INTO CONCRETE 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI) TYPE 'B'-DIRECTLY INTO CONCRETE 1-3/4" MIN. EMBED TYPE 'C'-5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES NOA-No. (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE Expiration Date 03/28/2028 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) Bv (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED) Miami-Dade Product Control **PRODUCT REVISED** -AT SILL (FOR DOORS W/WO HEAD RECEPTOR — as complying with the Florida Building Code TYPE 'BB'- 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI) NOA-No. 20-1118.08 DIRECTLY INTO CONCRETE Expiration Date 03/28/2023 1-1/2" MIN. EMBED - AT JAMBS (FOR DOORS WITH OR WITHOUT HEAD RECEPTOR) -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 THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO CONCRETE OR BLOCKS DIRECTLY INTO CONCRETE OR BLOCKS 1-1/2" MIN. EMBED INTO CONCRETE 1-1/4" MIN. EMBED INTO BLOCKS 5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED) ANCHOR EDGE DISTANCES:

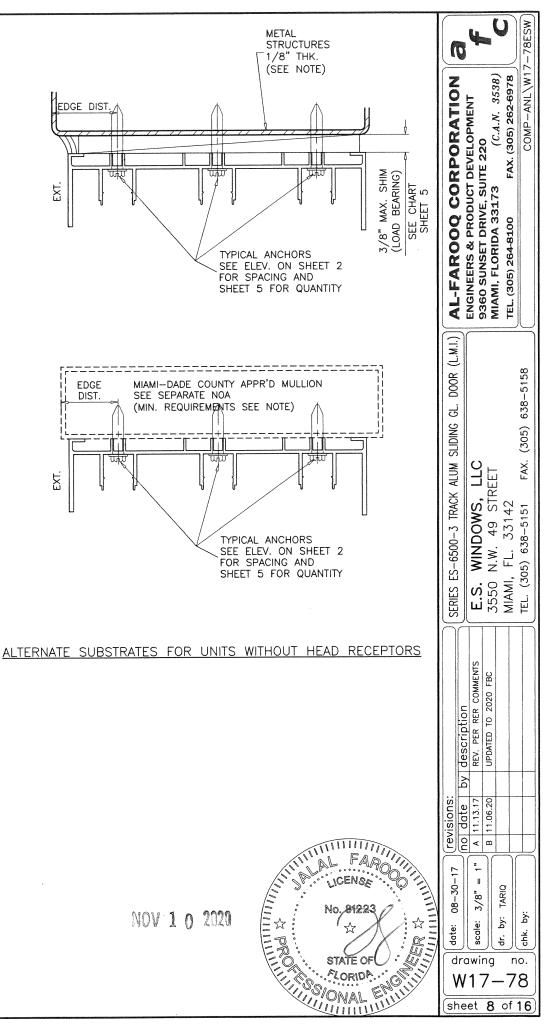
INTO CONCRETE (A) = 1-3/8" MIN. (EXT. OR INT. TRACKS AT HEAD/SILL) INTO CONCRETE (B) = 2-1/2" MIN. (MIDDLE TRACK AT HEAD/SILL) INTO MASONRY = 2" MIN. INTO WOOD STRUCTURE = 1-1/4" MIN. INTO METAL STRUCTURE = 3/4" MIN.

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



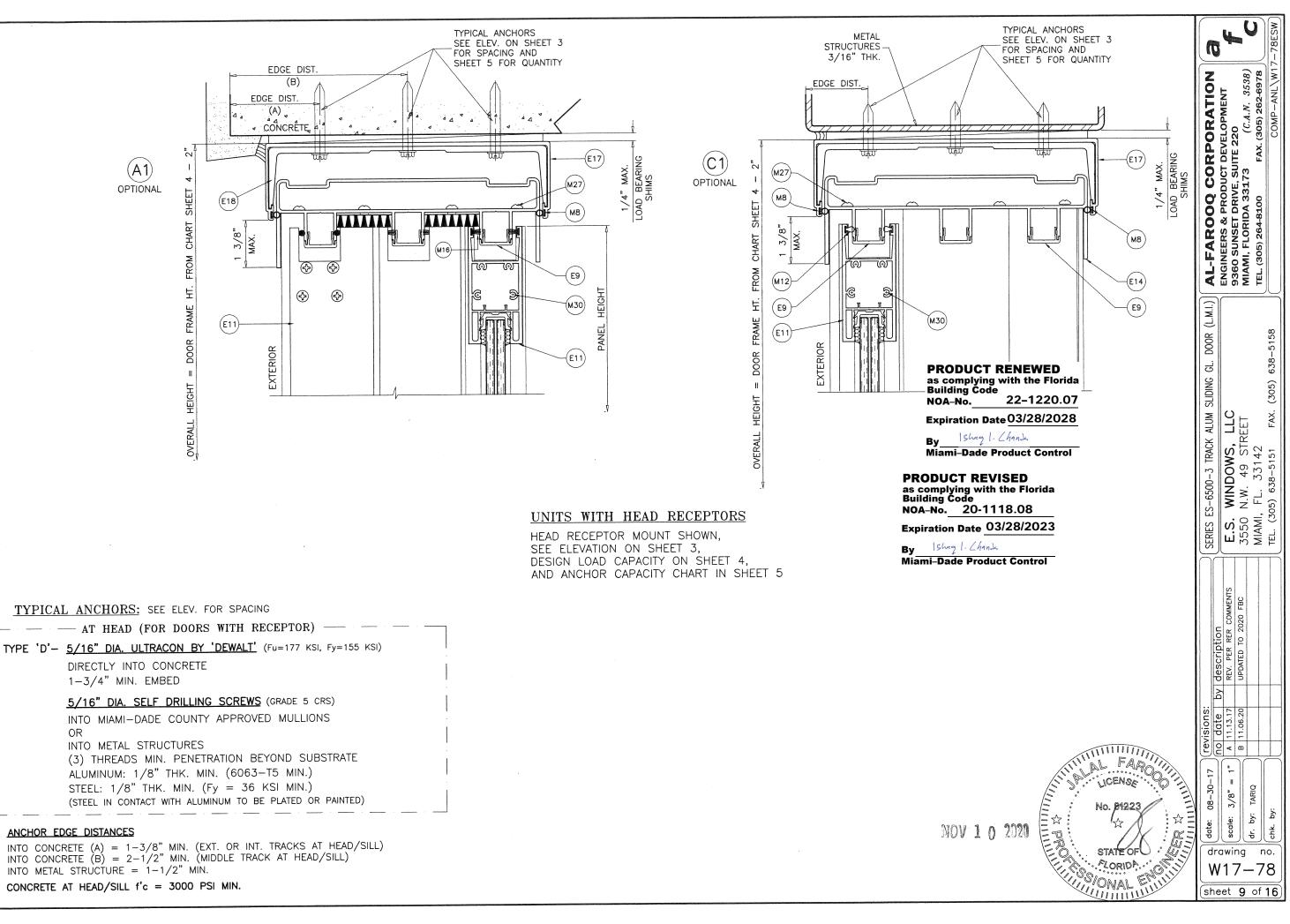
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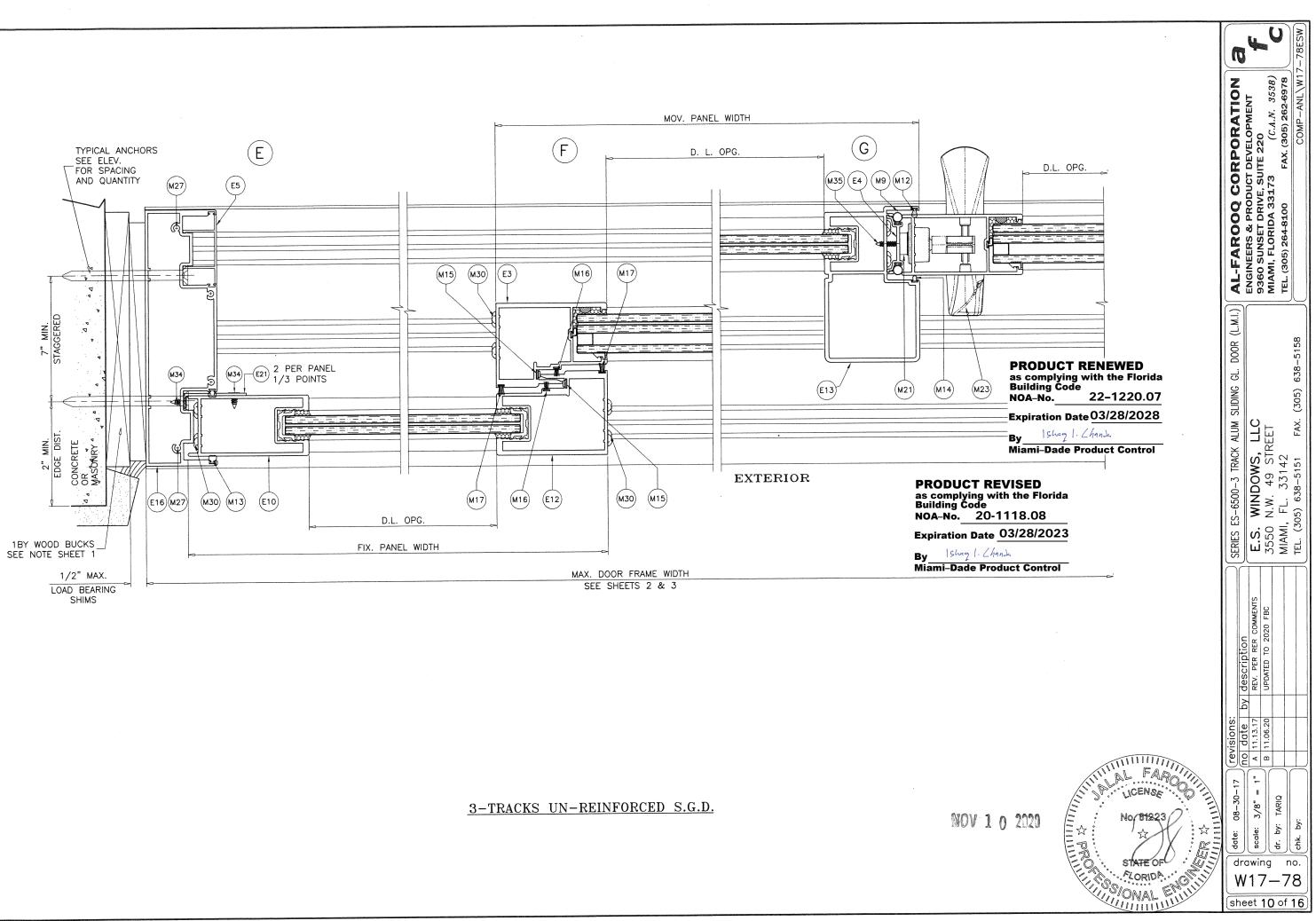
Ishag 1. Chank By Miami-Dade Product Control

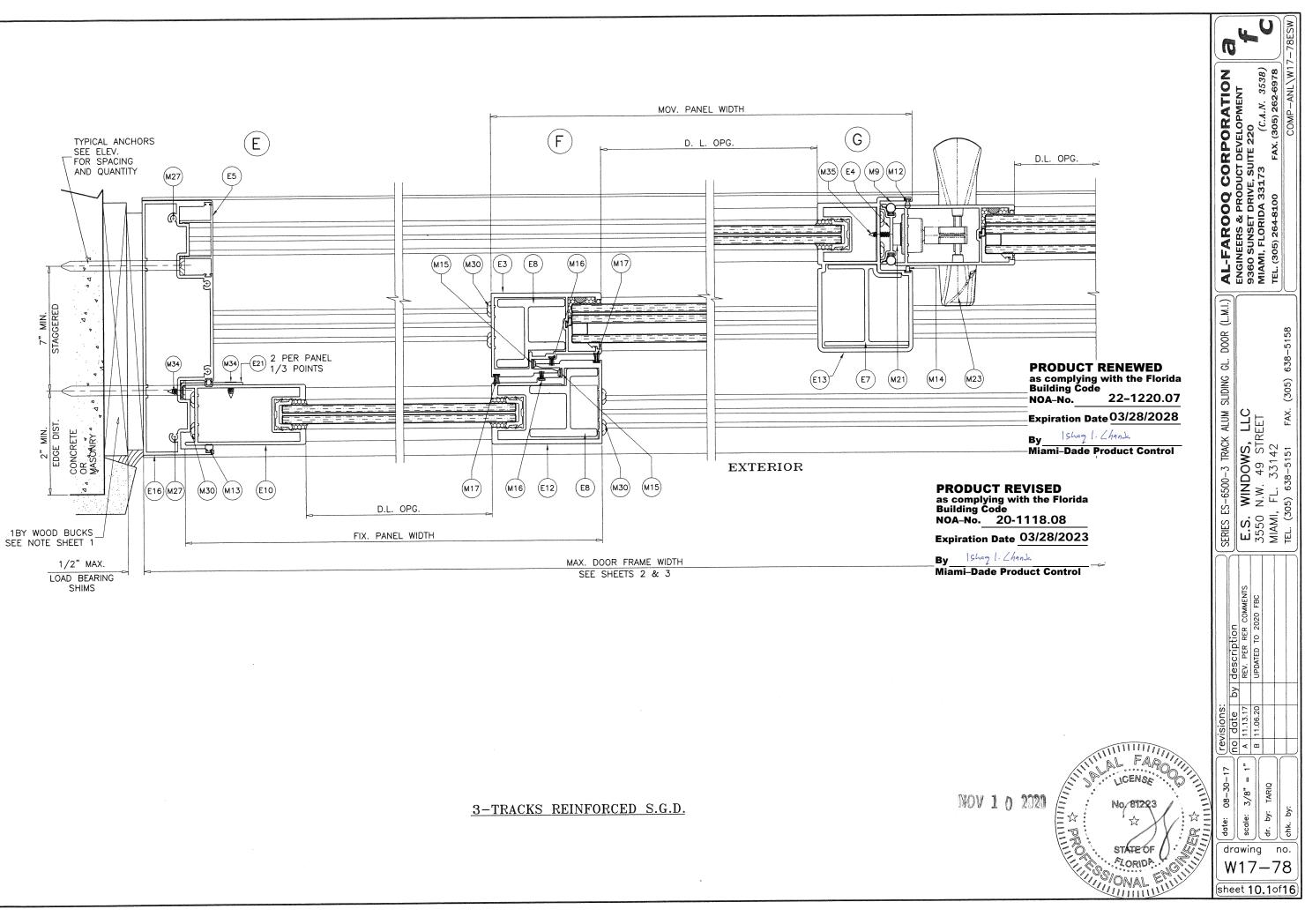
Ishag 1. Chands

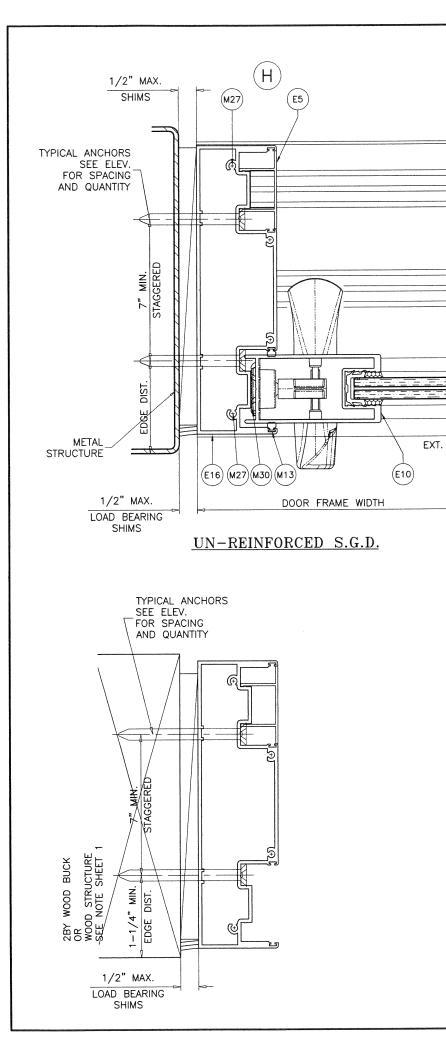


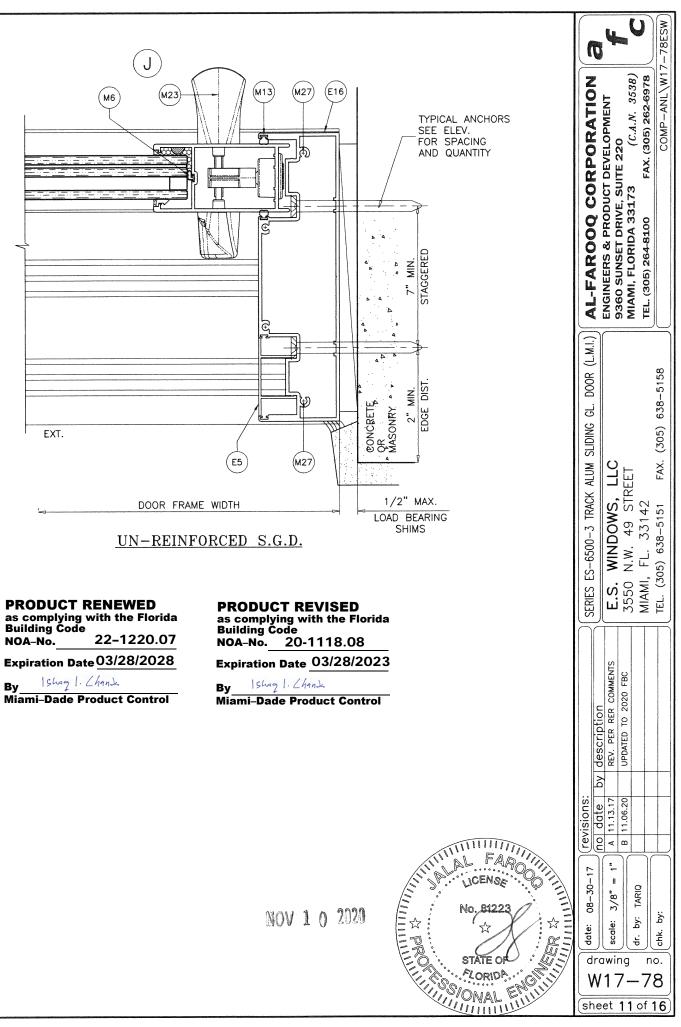
ANCHOR EDGE DISTANCES

INTO METAL STRUCTURE = 1-1/2" MIN.









as complying with t Building Code	the Florida
	-1220.07
Expiration Date03	28/2028

CONDITIONS OR OTHER SEALANTS NOT COVERED IN THIS SHEET TO BE ENGINEERED SEPARATELY AND TO BE REVIEWED BY AHJ.

STANDING JAMBS. PLEASE REFER TO SEALANT MANUFACTURER'S DATA AND APPLICATION MANUAL FOR COMPATABILITY OF SEALANT TO SUBSTRATE & DOOR MATERIAL FINISH AND COMPLIANCE FOR WARRANTY. (UNDER SEPARATE REVIEW)

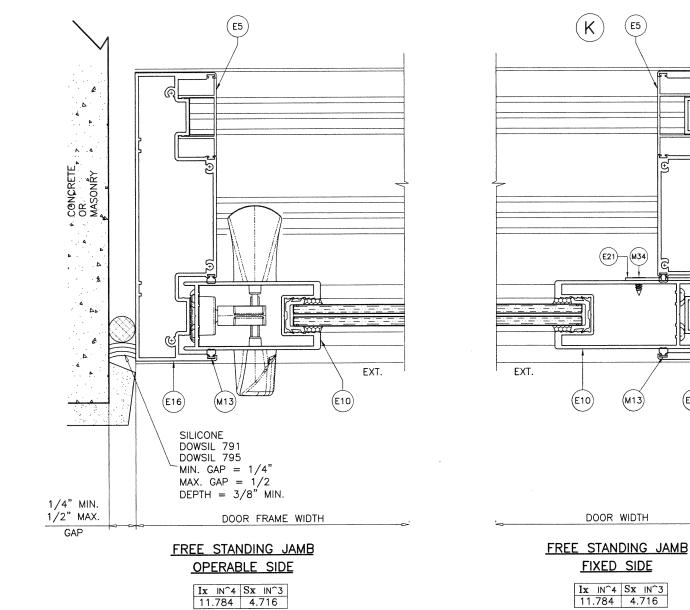
NOTE: DATA IN THIS SHEET MAY BE USED TO QUALIFY SPECIFIED JOINT SEALANT TO BE USED AT UNANCHORED FREE

ALLOWABLE LOADS FOR DOOR HEIGHTS VERSUS 50% OR 100% STRETCH SILICONES (SEE DESIGN LOAD CAPACITY ON SHEET 4)										
	1/4" M	IN. GAP	3/8" M	IN. GAP						
DOOR HEIGHT	50%	100%	50%	100%						
96"	135 PSF	135 PSF	135 PSF	135 PSF						
114"	85 PSF	135 PSF	135 PSF	135 PSF						
120"	-		-	135 PSF						
MAXIMUM GAP = $1/2$ " ALL CASES										

DOWSIL 791 = 50% STRETCH DOWSIL 795 = 100% STRETCH

FREE STANDING JAMB DESIGN LOAD CAPACITY - PSF							
NOM. PANEL WIDTH	DOOR FRAME HEIGHT	UN-REINFO FIX./OPERAI		REINFORCED SGD FIX. PANELS ONLY			
INCHES	INCHES	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)		
36		85.0	85.0	120.0	135.0		
42		85.0	85.0	120.0	135.0		
48	84	85.0	85.0	120.0	135.0		
54		85.0	85.0	120.0	135.0		
60		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42		85.0	85.0	120.0	135.0		
48	90	85.0	85.0	120.0	135.0		
54		85.0	85.0	120.0	135.0		
60		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42	96	85.0	85.0	120.0	135.0		
48		85.0	85.0	120.0	135.0		
54		85.0	85.0	120.0	135.0		
60		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42	102	85.0	85.0	120.0	135.0		
48	102	85.0	85.0	120.0	135.0		
54		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42	108	85.0	85.0	120.0	135.0		
48		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42	114	85.0	85.0	120.0	135.0		
48		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42	118-1/8	85.0	85.0	120.0	135.0		
48		85.0	85.0	120.0	135.0		
36		85.0	85.0	120.0	135.0		
42	120	85.0	85.0	120.0	135.0		
48		85.0	85.0	120.0	135.0		

SEE SHEET 6 FOR APPROVED CONFIGURATIONS OF UN-REINFORCED SGD, AND SHEET 6.1 FOR APPROVED CONFIGURATIONS OF REINFORCED SGD.



PRODUCT RENEWED

as complying with the Florida Building Code 22-1220.07 NOA-No.

Expiration Date 03/28/2028

Ishag 1. Chands Βv

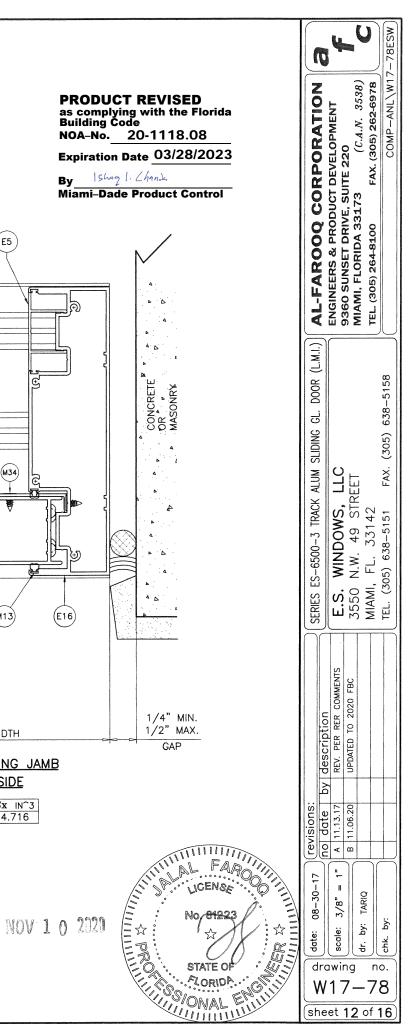
Miami-Dade Product Control

(E5)

(E21)

M34

(M13)



E1 ES-6500-005 2/ PANEL TOP AND BOTTOM RAIL (INSUL LAM. GLASS) 6063-T6 - E2 ES-6500-006 1/ PANEL LOCK STILE (INSUL LAM. GLASS) 6063-T6 - E3 ES-6500-007 1/ PANEL INTERJOCK STILE (INSUL LAM. GLASS) 6063-T6 - E4 ES-6500-012 2 SNAP-IN JANB COVER (OPTIONAL) 6063-T6 - E6 ES-6500-013 1 TACK INSERVER (OPTIONAL) 6063-T6 - E6 ES-6500-014 AS REQD. RETAINER ANGLE, 7" LONG 6063-T6 - E7 ES-6500-014 AS REQD. RETAINER ANGLE, 7" LUNG 6005-T5 - E8 ES-6500-014 AS REQD. INTERLOCK MENT, FULL PANEL LENGTH 6005-T5 - E9 ES-6500-018 AS REQD. HEAD COVER (OPTIONAL) 6063-T6 - E10 ES-6500-023 1/ PANEL LOCK STILE (LAM. GLASS) 6063-T6 - E114 ES-6500-024 1 ASTRAGA STILE (NSUL LAM. GLASS) 6063-T6 - E128	ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
est est-scon-ord 1/ PANDL LODE STRE (1965L, LUAR CLASS) 4005-16 - cst cst-scon-ord 1/ PANDL NOTE (1961L, LUAR CLASS) 4005-176 - cst cst-scon-ord 1/ PANDL NOTE (1961L, LUAR CLASS) 4005-176 - cst cst-scon-ord 4// PANDL NOTE (1961L, LUAR CLASS) 4005-176 - cst cst-scon-ord 4// PANDL NOTE (1961L, LUAR CLASS) 4005-176 - cst cst-scon-ord 4// PANDL NOTE (1961L, LUAR CLASS) 4005-176 - cst cst-scon-ord 4// PANDL NOTE (1001 NOTE (1961L, LUAR CLASS) 4005-176 - cst cst-scon-ord 4// PANDL NOTE (1001 NOTE (1961L, LUAR CLASS) 4005-176 - - cst cst-scon-ord 1// PANDL NOTE (1001 NO	·					_
E3 C3-650-607 I ANTERLOR SPLE INSUL (MA GARS) IOD-10 - L4 88-600-609 1 ATTRACAL ADPTIC IOS-16 - L5 C5-6500-613 1 TROM INSTERT IOS-16 - L5 C5-6500-614 AS SEC0 REFAULT (MA INSTERT IOS-16 - L6 C5-6500-614 AS SEC0 REFAULT (MA INSTERT IOS-16 - L7 C5-6500-617 AS SEC0 REFAULT (MA INSTERT IOS-16 - L8 C5-6500-617 AS SEC0 REFAULT (MA INSTERT IOS SEC0 IOS CARCE (MA INSTERT IOS SEC0 L10 C5-6500-624 1 PARL (DY ANS BERDINA PALL (MA INSTERT IOS SEC0-626 I ASTRACAL STILL (MA INSTERT IOS SEC0-626 IOS SEC0-626 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>_</td></t<>						_
Ex DS -56-500-202 SUBJECT ALL PLANE DOD_116 DOD_116 ES DS -500-012 SUBJECT NAME CONTROLL DOD_116 - ES DS -500-012 SUBJECT NAME CONTROLL DOD_116 - ES DS -500-014 AS ECOL ETAMOL, PLANE CONTROLL DOD_116 - ES DS -500-014 AS ECOL ETAMOL, PLANE CONTROLL DOD_116 - ES DS -500-017 AS ECOL ETAMOL, PLANE CONTROLL DOD_116 <						
ED Ed<	+		· · · · · · · · · · · · · · · · · · ·			_
D6 C3=650-018 1 THACK INSERT 903-16 - - EV8 ES=600-018 AS RECOR PT AMER, 21 (VG) 9003-16 A" INTERCOR UCATONS F7 RS=600-017 AS RECOR PERFORMENT, NUL PARL LEVENT 9003-16 - F8 GS=600-012 AS RECOR TERMORECARD, NUL PARL LEVENT 9003-16 - F8 GS=600-022 1/ PARL NUL PARL 9003-16 - F10 ES=600-023 1/ PARL NUL PARL 9003-16 - F11 ES=600-022 1/ PARL NUL PARL 9003-16 - F11 ES=600-023 1/ PARL NUL PARL 9003-16 - F13 ES=600-020 1 ATTROAL STLC (NUL ALL SSL) 9003-16 - F13 ES=600-052 1 ATTROAL STLC (NUL ALL SSL) 9003-16 - F14 ES=600-052 1 FRAML PARL ATROAL NUL CARL 9003-16 - F14 ES=600-052 1 FRAML PARL ATROAL NUL PARL 9003-16 -						_
Exe Exe <td> +</td> <td></td> <td></td> <td></td> <td></td> <td>_</td>	+					_
D7 C3-650-017 AS REQD. ASTRODA RENERVEYUM, PLL PARL, LENGTH 6005-15 - 15 C3-650-017 AS REDD. HERDOR RENERVEYUM, PLL PARL, LENGTH 6003-15 - 16 C3-650-023 J. PARL CAN SASS 6003-16 - 171 C3-650-023 J. PARL CAN SASS 6033-16 - 171 C3-650-023 J. PARL CAN SASS 6033-16 - 171 C3-650-023 J. PARL PARL CAN SASS 6033-16 - 173 C3-650-033 L. PARL PARL FRANC SASS 6033-16 - - 173 C3-650-033 L. PARL PARL FRANC PARL 6043-16 - - 174 C3-650-043 L. PARL PARL PARL PARL 6063-16 - - - - 174 C3-650-043 L. PARL PARL PARL PARL 6063-16 - - - - - - - - - - -						
EB ES-502-617 AS REQUE PRIME WERNON HERDORSMERT, FLUL ENDIT 9903-15 - FEG ES-502-618 AS NOD HERDORS MERL (DAN GLASS) 9933-15 - FEG ES-502-618 AS NOD HERDORS MERL (DAN GLASS) 9933-15 - FEG ES-502-628 I/ PAREL EVENT (DAN GLASS) 9933-15 - FEG ES-502-629 I/ PAREL METRODOR STEL (DAN GLASS) 9933-15 - FEIS ES-502-629 I AETRODA STEL (DAN GLASS) 9933-15 - FEIS ES-5020-629 I AETRODA STEL (DAN GLASS) 9933-15 - FEIS ES-5020-620 I FRAME HERD AT RECEPTOR 9933-15 - FEIS ES-5020-631 I REGETTOR INFORMACEMENT, PULL LENDIT 6933-15 - FEIS ES-500-635 I REGETTOR INFORMACEMENT, PULL LENDIT 6933-15 - FEIS ES-500-635 I REGETTOR INFORMACEMENT, PULL LENDIT 6933-15 - FEIS ES-500-635						
Feb Es	+					
Eto CS-650-024 2/ PARL LOCK STUE (LAU QUASS) 6003-70 - E11 ES-650-024 2/ PARL INTERDOR STUE (LAU QUASS) 6003-70 - E12 ES-650-026 1 ARTMON STUE (LAU QUASS) 6003-70 - E13 ES-650-026 1 ARTMON STUE (LAU QUASS) 6003-70 - E138 ES-650-026 1 ARTMON, STUE (LAU QUASS) 6003-70 - E138 ES-650-025 1 FRAME, MEQ AT RECEMPR 6603-70 - E16 ES-650-024 1 READ AT RECEMPR 6603-70 - E17 ES-650-024 1 REVERTION 6603-70 - E18 ES-650-024 1 REVERTION 6603-70 - E19 ES-650-024 1 REVERTION 6003-70 - - E19 ES-650-024 1 REVERTION 7000 6063-76 - - E10 ES-650-024 1 REVERTION						
ET1 ES-650-022 T/ PAREL TOP AND ESTIMA VAL (LAM, DASS) 605-16 - E12 ES-650-025 1 / PAREL INTERLOR STILE (LAM, DASS) 6053-16 - E13 ES-650-025 1 / ASTMARL, STLE (LM, DASS) 6053-16 - E138 ES-650-030 2 / TX, PAREL RELEXAND, STLE (LAM, CASS) 6053-16 - E138 ES-650-030 1 / TRAMEL RELEXAND, STLE (UM, CASS) 6053-16 - E141 ES-650-050 1 / FRAME HAD A TRCEPTOR 6053-16 - E15 ES-650-052 2 / TRAME JAWA 6053-16 - E15 ES-650-052 1 RECEPTOR RENDROCHT, FULL LENDIH 6053-16 - E19 ES-650-052 1 RECEPTOR RENDROCHT, FULL LENDIH 6053-16 - E19 ES-650-053 1 RECEPTOR RENDROCHT, FULL LENDIH 6053-16 - E19 ES-650-053 1 RECEPTOR RENDROCHT, FULL LENDIH 6053-16 - E21 ES-650-053 1 RECEPTOR 6054-05 - - E34 G14A						
E12 E3: 680-686 1/2 PMLE INTEL (JAM. GLASS) 6083-76 - E13 E5: 680-686 1 ASTROAL SILE (JAM. GLASS) 6083-76 - E13 E5: 680-680 1 PAME INDIA SILE (MELLIMA CLASS) 6083-76 - E14 E5: 680-680 1 PAME INDIA SILE (MELLIMA CLASS) 6083-76 - E15 E5: 680-680 1 PAME INDIA SILE (MELLIMA CLASS) 6083-76 - E15 E5: 680-680 1 PAME INDIA SILE (MELINE) 6083-76 - E16 E5: 680-680 1 REME INDIA 6083-76 - E17 E5: 680-683 1 REME INDIA 6083-76 - E20 E5: 680-683 1 REME INDIA 6083-76 - E21 E5: 680-684 1 REME INDIA 6083-76 - E21 E5: 680-685 1 REME INDIA 6083-76 - E21 E5: 680-685 1 REME INDIA REME INDIA REME INDIA <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
E13 E5-690-69 / I ASTROAL STLE (UM EASS) 4008-16 - E13 E5-690-698 1 ASTROAL STLE (UM EASS) 6083-16 - E14 E5-690-698 1 ASTROAL STLE (UM EASS) 6083-16 - E14 E5-690-691 1 FRAME FLOD AT RECEPTOR 6663-16 - E15 E5-690-692 2 FRAME WEB 6663-16 - E16 E5-690-692 1 FRAME WEB 6663-16 - E16 E5-690-692 1 FRAME WEB 6663-16 - E17 E5-690-692 1 FRAME WEB 6663-16 - E18 E5-690-694 1 RECEPTOR REPROPEDEMIT, FULL LENDTH 6663-16 - E19 E5-690-693 1 SILL RISER 6063-15 - - E10 E5-690-693 1 SILL RISER 6063-15 - - E11 E5-690-693 1 SILL RISER 10000 RECONE RA EXTRUSIONES SA			+			
E13.8 E5-600-008 1 ATTROAL STL (ROUL LAN, GUAS) 6083-T6 - E13.8 E5-6500-033 2/ FX. FMAEL FRAME FEGO AT RECEPTOR 6083-T6 - E14 E5-6500-031 1 FRAME FEGO AT RECEPTOR 6083-T6 - E16 E5-6500-052 2 FRAME MED 6083-T6 - E17 E5-6500-053 1 FRAME FEGO AT RECEPTOR 6083-T6 - E18 E5-6500-053 1 FRAME HAD 6063-T6 - E19 E5-6500-053 1 FRAME HAD 6063-T6 - E19 E5-6500-053 1 FRAME HAD 6063-T6 - E10 E5-6500-053 1 FRAME HAD 6063-T6 - E11 E5-6500-053 1 FRAME HAD 6063-T6 - E12 E5-67-001A A5 REDD FRAME HAD 6063-T6 - M1 E5-6500-053 1 FRAME HAD FRAME HAD FRAME HAD M11 E5-67-00						-
E138 E5-850-033 2/ FK. PARE. FXED PARE.<						-
E14 E5-8500-050 1 FRAME SLL 6003-16 - E15 E5-8500-051 1 FRAME SLL 6003-76 - E16 E5-800-052 2 FRAME JANA 6003-76 - E17 E5-8500-053 1 HEAD RECEPTOR ENHORCEMENT, FULL LENGTH 6003-76 - E18 E5-8500-053 1 FRAME JANA 6003-76 - E19 E5-8500-055 1 FRAME JANA 6003-75 - E20 E5-800-050 1 SULPONE 6003-75 - E21 E5-600-0201A AS REDO. FRAME HAD 6003-75 - E21 E5-600-0201A AS REDO. OLZANG GASKET LUP, 4" LDIN, A" LDIN, AT L/3 POINTS 5000-75 - M1 E5-600-0201A AS REDO. BUZDING GASKET EPDM DUROMETER 6545 SHORE A EXTURSIONES S.A. M4 4013A AS REDO. BUZDING GASKET EPDM DUROMETER 6545 SHORE A EXTURSIONES S.A. M7 E5-8011A KS REDO.						-
E15 E5-650-051 1 FRME SLI 6063-16 - E16 E5-650-052 2 FRME JAMB 6063-16 - E17 E5-650-053 1 HEA PROFEPTOR 6063-16 - E18 E5-650-053 1 FRAME HAD 6063-16 - E19 E5-650-053 1 FRAME HAD 6063-16 - E20 E5-650-053 1 FRAME HAD 6063-15 - E19 E5-650-053 1 STAME HAD 6063-15 - E21 E5-70-101A K3 PEQD. FIX. PARL CUL. 4" LONG, AT 1/3 POINTS 6063-15 - M1 E5-650-055 A A PARL GUARNG GASKET EPOM DUROWTER 6545 SHORE A, EXTRUSIONES SA. M4 4013A 4/ PAREL GUARNG GASKET EPOM DUROWTER 6545 SHORE A EXTRUSIONES SA. M5 6104A AS REQD. GUARNG GASKET EPOM DUROWTER 6545 SHORE A M6 E5-600A AS REQD. GUARNG GASKET EPOM DU			2/ FIX. PANEL			-
E16 E5-6500-052 2 FRANEL_MARK 6083-T6 - E17 E5-6500-053 1 HEAD RECEPTOR E063-T6 - E18 E5-6500-055 1 FRANEL_MARK E063-T6 - E19 E5-6500-055 1 FRANEL_READ E063-T5 - E20 E5-6500-055 1 FRANE_LEND E063-T5 - E21 E5-CF-001A 45 RECD. FIX. FRALE_CUP. 4" LOW, AT 1/3 POINTS E063-T5 - M1 E5-6500-021A 4/ PANEL GLAZING GASKET (WAUL LAM, GLASS) SULCONE DUROWETR 6545 SHORE A, EXTRUSIONES S.A. M4 4013A 4/ RANEL GLAZING GASKET EPOM DUROWETR 6545 SHORE A EXTRUSIONES S.A. M5 4614A AS RECD. BURING GASKET EPOM DUROWETR 6545 SHORE A EXTRUSIONES S.A. M6 E5-4018A AS RECD. BURING GASKET EPOM DUROWETR 6545 SHORE A M7 E5-8010A AS RECD. ASTRUE MASKET EPOM DUROWETR 6545 SHORE A M8			1			-
E17 ES-6500-053 1 HEAD RECEPTOR 6063-T6 - E18 ES-6500-053 1 RECEPTOR RENFORCENT, FULL LENGTH 6063-T6 - E19 ES-6500-052 1 RTAKE HEAD 6063-T5 - E20 ES-6500-052 1 SILL RISER 6063-T5 - E21 ES-6500-051 A S REDD, TY, PAREL CULY, * LONG, AT 1/3 PONTS 6063-T5 - M1 ES-6500-051A 4/ PAREL CULXING GASKET (LAW, CLASS) SULCONE DUROWETER 6515 SHORE A, ENTRUSIONES S.A. M4 4013A 4/ PAREL CULXING GASKET (LAW, CLASS) SULCONE DUROWETER 6515 SHORE A, ENTRUSIONES S.A. M5 4014A AS REDD, BOTTOM RAL GLAZING GASKET EPDM DUROWETER 6515 SHORE A M6 ES-601A AS REDD, BOTTOM RAL GLAZING GASKET EPDM DUROWETER 6515 SHORE A M7 ES-801A AS REDD, BOTTOM RAL GLAZING GASKET EPDM DUROWETER 6515 SHORE A M8 ES-501A AS REDD, BOTTOM RAL GLAZING GASKET EPDM DUROWETER 6515 SHORE A M10 1/4'X X1/2'' AS REDD, AS RED						-
E18 ES-650-034 1 RECEPTOR REINFORCEMENT, FULL LENGTH 6063-76 - E19 ES-650-035 1 FRAME_HEAD 6063-75 - E20 ES-650-036 1 SILL RISER 6063-75 - E21 ES-650-037 AS REQD. FIX: FAMEL CUP, 4" LONG, AT 1/3 POINTS 6063-75 - M1 ES-650-037A 4/ PANEL CU2AND GASET (MAL, CLAS) SILCOME DUROMETER 6545 SHORE A, EXTRUSIONES S.A. M4 4013A 4/ PANEL CU2AND GASET (MAL, CLAS) SILCOME DUROMETER 6545 SHORE A, EXTRUSIONES S.A. M5 ES-401BA AS REQD. BOTTOM RAL GLAZING GASET EPDM DUROMETER 8545 SHORE A EXTRUSIONES S.A. M6 ES-401BA AS REQD. BOTTOM RAL GLAZING GASET EPDM DUROMETER 8545 SHORE A EXTRUSIONES S.A. M7 ES-500A AS REQD. BULE WISTRPRING SILCOME DUROMETER 8545 SHORE A EXTRUSIONES S.A. M9 E-214 AS REQD. ASTREQD. GAZING TAPE (INSUL LAM. GLASS) FOA FOA M11						-
E18 ES-5500-055 1 FRAME HEAD 6063-76 - E20 ES-6500-028 1 SILL RISTR 6063-75 - E21 ES-6500-028 4 PINIL GUAZING CASCET (LAW, GLASS) SILCORE DUROWETER 6545 SHORE A, EXTRUSIONES S.A. M4 4013A 4/ PINIL GUAZING CASCET (LAW, GLASS) SILCORE DUROWETER 6545 SHORE A, EXTRUSIONES S.A. M4 4013A A/ PANEL GUAZING CASCET EPDM DUROWETER 6545 SHORE A M6 ES-601A AS RECO. BACER CASKET EPDM DUROWETER 7545 SHORE A M6 ES-601A AS RECO. BULB WISTRPRING SILCORE DUROWETER 7545 SHORE A M8 ES-500A AS RECO. GUAZING CASKET EPDM DUROWETER 7545 SHORE A M10 1/4" X 1/2" AS RECO. GUAZING CASKET EPDM DUROWETER 7545 SHORE A M3 ES-500A AS RECO. GUAZING CASKET EPDM DUROWETER 755 SHORE A M11 1/4" X 1/2" AS RECO. GUAZING CASKET <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>						-
E20 ES-6500-028 1 SILL RISER 6083-15 - E21 ES-67-001A AS REDD. FIX. PARLE CLP, 4" LONG, AT 1/3 POINTS 6083-15 - M1 ES-6500-01A A/ PARLE CLZING GASKET (LMM, GLASS) SILCONE DUROWETER 65±5 SHORE A, EXTRUSIONES S.A. M4 4013A 4/ PARLE CLZING GASKET (LMM, GLASS) SILCONE DUROWETER 65±5 SHORE A, EXTRUSIONES S.A. M5 4014A AS REDD. BOTTOM RAIL GLAZING GASKET EPDM DUROWETER 65±5 SHORE A M6 ES-4018A AS REDD. SARCED. SPACER CASKET EPDM DUROWETER 65±5 SHORE A M7 ES-4018A AS REDD. BULB WSTRIPPING SILCONE DUROWETER 65±5 SHORE A M8 ES-1530-BOLA AS REDD. GLAZING GASKET EPDM DUROWETER 65±5 SHORE A M11 1/4" X 1/2" AS REDD. SELED KART EPDM DUROWETER 65±5 SHORE A M12 0300190 AS REDD. SETING BLOCK SULCONE DUROWETER 65±5 SHORE A M13 Q2DOT190 AS REDD. FABRED.<						-
E21 ES-OF-001A AS REQD. FIX. PANEL CLIP. 4" LONG, AT 1/3 POINTS 6083-75 - M1 ES-ES00-001A 4/ PANEL GUZNIG GASKET (LMM. GLASS) SULCONE DUROWETER 65±5 SHORE A, EXTURUIONES S.A. M4 4013A A PANEL GUZNIG GASKET (INSUL LAM. GLASS) SULCONE DUROWETER 65±5 SHORE A, EXTURUIONES S.A. M5 4014A AS REQD. BOTOM PAIL GUZNIG GASKET EPDM DUROWETER 65±5 SHORE A M6 ES-BOTIA AS REQD. BUZNIG GASKET EPDM DUROWETER 65±5 SHORE A M7 ES-BOTIA AS REQD. GUZNIG GASKET EPDM DUROWETER 65±5 SHORE A M8 ES-BOTOBA AS REQD. GUZNIG GASKET EPDM DUROWETER 65±5 SHORE A M9 E-214 AS REQD. GUZNIG GASKET EVEN DUROWETER 65±5 SHORE A M10 1/4" X 1/2" AS REQD. GUZNIG GASKET EVEN DUROWETER 65±5 SHORE A M11 EG-2010 GUZNIG GASKET EVEN DUROWETER 65±5 SHORE A EVEN M11 GUZDISID AS REQD. GUZNIG TREER CASEN<	E19	ES-6500-055	1			-
MI ES-6500-G01A 4/ PANEL GLAZING GASKET (LAM. GLASS) SLUCONE DUROMETER 65±5 SHORE A, EXTRUSIONES S.A. M4 4013A 4/ PANEL GLAZING GASKET (LAM. GLASS) SLUCONE DUROMETER 65±5 SHORE A, EXTRUSIONES S.A. M5 4014A AS REDO. GLAZING GASKET EPDM DUROMETER 65±5 SHORE A M6 ES-4018A AS REDO. GLAZING GASKET EPDM DUROMETER 65±5 SHORE A M7 ES-8011A AS REDO. BULE WSTRIPPING SLUCONE DUROMETER 65±5 SHORE A M6 ES-503A AS REDO. GLAZING TARKET EPDM DUROMETER 65±5 SHORE A M7 ES-8011A AS REDO. BULE WSTRIPPING SLUCONE DUROMETER 65±5 SHORE A M10 1/4" X 1/2" AS REDO. GLAZING TARKET EPDM DUROMETER 65±5 SHORE A M11 23007190 AS REDO. GLAZING TARKET WSTRIPPING VINTM_ THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHORE A M13 Q32007190 AS REDO. FARRIC COATED FOAN WEATHERSEAL POLYTEMYLENE O-LONG M14 Q22007190 <td< td=""><td>E20</td><td>ES-6500-028</td><td>1</td><td></td><td></td><td>-</td></td<>	E20	ES-6500-028	1			-
M4 4013A 4/ PANEL GLAZING GASKET (INSUL LAM. GLASS) SILICONE DUROMETER 65±5 SHORE A, EXTRUSIONES S.A. M5 4014A AS RECO. BOTTOM RAIL GLAZING GASKET EPDM DUROMETER 65±5 SHORE A M6 ES-4018A AS RECO. SACKET EPDM DUROMETER 76±5 SHORE A M7 ES-8011A AS RECO. SPACER GASKET EPDM DUROMETER 76±5 SHORE A M8 ES-5030A AS RECO. BULE W'STRIPPING SILCONE DUROMETER 76±5 SHORE A M1 C3000190 ASTRADA LAPAPTER W'STRIPPING SILCONE DUROMETER 76±5 SHORE A M11 ES-50801A 2/ LITE SETTING BLOCK SILCONE DUROMETER 76±5 SHORE A M12 G3001190 AS RECO. FABRIC CATED FOAN WETHERSEAL POLYETHYLENE O-LONG M13 02501190 AS RECO. JAMB W'STRIPPING POLYETHYLENE O-LONG M14 02001190 AS RECO. JAMB W'STRIPPING POLYETHYLENE O-LONG M13 02501180 AS RECO. JABREC ATSTREPING POLYETHYLENE O	E21	ES-CF-001A				-
M5 4014A AS REDD. BOTTOM RAIL GLAZING GASKET EPDM DUROWETER 6845 SHORE A M6 ES-4018A AS REDD. BUZING GASKET EPDM DUROWETER 7545 SHORE A M7 ES-8011A AS REDD. BULLING GASKET EPDM DUROWETER 7545 SHORE A M8 ES-8011A AS REDD. BULLING GASKET EPDM DUROWETER 6545 SHORE A M8 ES-9014A AS REDD. GULLIN WISTRIPPING SULCONE DUROWETER 6545 SHORE A M1 LS-7530-801A 2/ LITE SETTING BLOCK SULCONE DUROWETER 8045 SHORE A M11 CS-7530-801A 2/ LITE SETTING BLOCK SULCONE DUROWETER 8045 SHORE A M12 Q3001190 AS REDD. JAMB WISTRIPPING POLYTEHMELE Q-LONG M13 Q2201190 AS REDD. MITREPOR POLYTEHMELE Q-LONG M14 Q22001190 AS REDD. MITREPOR POLYTEHMELE Q-LONG M15 01501270 AS REDD. PILE WISTRIPPING POLYTEHMELE Q-LONG <td>M1</td> <td>ES-6500-G01A</td> <td>4/ PANEL</td> <td></td> <td></td> <td></td>	M1	ES-6500-G01A	4/ PANEL			
M6 ES-4018A AS REQD. GLAZING CASKET EPDM DUROMETER 75±5 SHORE A M7 ES-8011A AS REGD. SPACER CASKET EPDM DUROMETER 65±5 SHORE A M6 ES-9008A AS REGD. BULB WSTHPPING SILCONE DUROMETER 65±5 SHORE A M9 E-214 AS REGD. ASTRAGAL ADAPTER WSTRIPPING VINTL THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHORE A M10 1/4" X 1/2" AS REGD. ASTRAGAL ADAPTER WSTRIPPING VINTL THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHORE A M11 ES-7530-801A 2/ LIT SETTING BUCK SILCONE DUROMETER 69±5 SHORE A M11 ES-7530-801A 2/ LIT SETTING BUCK SILCONE DUROMETER 69±5 SHORE A M11 G2001190 AS REGD. FABRIC COATED FOAM WEATHERSEAL POLYETHYLENE Q-LONG M13 Q2201190 AS REGD. INTERLOCK WSTRIPPING POLYETHYLENE Q-LONG M14 W223217K AS REGD. PLE WSTRIPPING POLYETHYLENE Q-LONG M17 W223221K AS REGD. PLE WSTRIP	M4	4013A	4/ PANEL	GLAZING GASKET (INSUL. LAM. GLASS)		
M7 ES-8011A AS REQD. SPACER GASKET EPDM DUROMETER 85±5 SHORE A M8 ES-5008A AS REQD. BULB WISTRIPPING SILICONE DUROMETER 65±5 SHORE A M9 E-214 AS REQD. ASTRAGAL ADAPTER WISTRIPPING VINYL THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHORE A M10 1/4* X 1/2* AS REQD. GLAZING TAPE (INSUL LAM, GLASS) FOAM - M11 ES-7507-801A 2/ LITE SETTING BLOCK SILICONE DUROMETER 65±5 SHORE A M12 Q300T190 AS REQD. FABRIC COATED FOAM WEATHERSEAL POLYETHYLENE Q-LONG M13 Q250T190 AS REQD. JAST BYTIPPING POLYETHYLENE Q-LONG M14 Q200T190 AS REQD. INTERLOCK WISTRIPPING POLYETHYLENE Q-LONG M14 Q2300T180 AS REQD. PILE WISTRIPPING AT INTERLOCK POLYPROPYLENE Q-LONG M14 Q2300T180 AS REQD. PILE WISTRIPPING AT INTERLOCK POLYPROPYLENE Q-LONG M17 W22302XK AS REQD. PILE WISTRIPPING AT INTERLOCK	M5	4014A	AS REQD.	BOTTOM RAIL GLAZING GASKET	EPDM	DUROMETER 68±5 SHORE A
M8 ES-5008A AS REDD. BULB W'STRIPPING SILCONE DUROMETER 65±5 SHORE A M9 E-214 AS REDD. ASTRAGAL ADAPTER W'STRIPPING VIN'L THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHORE A M10 1/4" X 1/2" AS REDD. GUZING TAPE (INSUL LAM. GLASS) FOAM - M11 ES-7530-B01A 2/ LITE SETTINO ELOCK SILCONE DUROMETER 80±5 SHORE A M12 Q300T190 AS REDD. JAMB W'STRIPPING POLYTHYLENE Q-LONG M14 Q200T190 AS REDD. JAMB W'STRIPPING POLYTHYLENE Q-LONG M15 Q150T270 AS REDD. INTERLOCK W'STRIPPING POLYTHYLENE Q-LONG M16 W223012K AS REDD. INTERLOCK W'STRIPPING POLYTHYLENE Q-LONG M17 W22322KK AS REDD. PLE W'STRIPPING POLYTHYLENE Q-LONG M17 W22322KK AS REDD. PLE W'STRIPPING POLYTRYLENE Q-LONG M17 W22322KK AS REDD. PLE W'STRIPPING POLYTRYLENE Q-LONG <td>M6</td> <td>ES-4018A</td> <td>AS REQD.</td> <td>GLAZING GASKET</td> <td></td> <td></td>	M6	ES-4018A	AS REQD.	GLAZING GASKET		
M9 E-214 AS REQD. ASTRAGAL ADAPTER W'STRIPPING VIN'L THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHOR M10 1/4" X 1/2" AS REQD. GLAZING TAPE (INSUL LAM. GLASS) FOAM - M11 ES-7530-801A 2/ LITE SETTING BLOCK SILICONE DUROMETER 80±5 SHORE A M12 Q300T190 AS REQD. FABRIC COATED FOAM WEATHERSEAL POLYETHYLENE Q-LONG M13 Q250T190 AS REQD. JABR W'STRIPPING POLYETHYLENE Q-LONG M14 Q200T190 AS REQD. ASTRAGAL W'STRIPPING POLYETHYLENE Q-LONG M15 O150T270 AS REQD. HIER W'STRIPPING POLYETHYLENE Q-LONG M16 W223012K AS REQD. PILE W'STRIPPING POLYETHYLENE Q-LONG M17 W22322NK AS REQD. PILE W'STRIPPING POLYPROPYLENE - M18 DF6304 AFK - ADHESVE PILE PAD (4" x 1" x 1/2") - ULTRAFAB M20 66900-001 - ROLLER CREW CAP - INTERLOCK	M7	ES-8011A	AS REQD.	SPACER GASKET	EPDM	
M10 1/4" X 1/2" AS REQD. GLAZING TAPE (INSUL LAM. GLASS) FOAM - M11 ES-7530-801A 2/ LITE SETTING BLOCK SULCONE DUROMETER 80±5 SHORE A M12 Q3001190 AS REQD. FABRIC COATED FOAM WEATHERSEAL POLVETHYLENE Q-LONG M13 Q2501190 AS REQD. ASMB WSTRIPPING POLVETHYLENE Q-LONG M14 Q2001190 AS REQD. ASTRAGAL WSTRIPPING POLVETHYLENE Q-LONG M14 Q2001190 AS REQD. ASTRAGAL WSTRIPPING POLVETHYLENE Q-LONG M15 Q1507270 AS REQD. PILE WSTRIPPING POLVETHYLENE Q-LONG M17 W223212K AS REQD. PILE WSTRIPPING POLVETHYLENE Q-LONG M17 W22321K AS REQD. PILE WSTRIPPING AT INTERLOCK POLYPROPYLENE - M18 P6304 AFK - ADHESIVE FILE PAD (4" X 1" X 1/2") - ULTRAFAB M19 GTT-234/450-02-A 2/ PANEL ROLLER - INTERLOCK M21	MB	ES-5008A	AS REQD.	BULB W'STRIPPING	SILICONE	DUROMETER 65±5 SHORE A
M11 ES-7530-801A 2/LITE SETTING BLOCK SILICONE DUROMETER 80±5 SHORE A M12 Q300T190 AS REOD. FABRIC COATED FOAM WEATHERSEAL. POLYETHYLENE Q-LONG M13 Q250T190 AS REOD. JAMB W'STRIPPING POLYETHYLENE Q-LONG M14 Q200T190 AS REOD. JAME W'STRIPPING POLYETHYLENE Q-LONG M14 Q200T190 AS REOD. ASTRAQL W'STRIPPING POLYETHYLENE Q-LONG M15 Q150T270 AS REOD. INTERLOCK W'STRIPPING POLYETHYLENE Q-LONG M16 W22322NK AS REOD. PILE W'STRIPPING AT INTERLOCK POLYPROPYLENE - M17 W22322NK AS REOD. PILE W'STRIPPING AT INTERLOCK POLYPROPYLENE - M18 P6304 AFK - ADHESWE PILE PAD (4" X 1" X 1/2") - ULTRAFAB M19 GTT-234/460-02-A 2/ PANEL ROLLER SCREW CAP PVC - M21 PS01-1005-008 1 MOD FOITS LOCK KEEPER - INTERLOCK	М9	E-214	AS REQD.	ASTRAGAL ADAPTER W'STRIPPING	VINYL	THERMOPLASTIC ELASTOMER, DUROMETER 65±5 SHORE A
M12 G. 3300199 AS REQD. FABRIC COATED FOAM WEATHERSEAL POLYETHYLENE Q-LONG M13 Q2501190 AS REQD. JAMB W'STRIPPING POLYETHYLENE Q-LONG M14 Q2001190 AS REQD. ASTRAGAL W'STRIPPING POLYETHYLENE Q-LONG M15 01507270 AS REQD. INTERLOCK W'STRIPPING POLYETHYLENE Q-LONG M16 W223012K AS REQD. INTERLOCK W'STRIPPING POLYENPYLENE Q-LONG M17 W22322NK AS REQD. PILE W'STRIPPING POLYENCYTHYLENE Q-LONG M18 P6304 AFK - ADHESIVE PILE PAD (4" X 1" X 1/2") - ULTRAFAB M20 66900-001 - ROLLER ROLER - INTERLOCK M21 PS01-1005-00B 1 MORTISE LOCK KEEPER - INTERLOCK M22 PS01-0100-117 I/ MOV POINT 3-PLY HOK LOCK - INTERLOCK M22 PS01-0100-117 I/ MOV POINT 3-PLY HOK LOCK - INTERLOCK M23 #12 X 1 1/2"	м10	1/4" X 1/2"	AS REQD.	GLAZING TAPE (INSUL. LAM. GLASS)	FOAM	-
M13 Q250T190 AS REQD. JAMB W'STRIPPING POLYETHYLENE Q-LONG M14 Q200T190 AS REQD. ASTRAGAL W'STRIPPING POLYETHYLENE Q-LONG M15 Q150T270 AS REQD. INTERLOCK W'STRIPPING POLYETHYLENE Q-LONG M16 W223012K AS REQD. PILE W'STRIPPING POLYETHYLENE Q-LONG M17 W22322LK AS REQD. PILE W'STRIPPING AT INTERLOCK POLYPROPYLENE - M18 P6304 AFK - ADHESIVE PILE PAD (4" X 1" X 1/2") - ULTRAFAB M19 GTT-234/460-02-A 2/ PANEL ROLLER - PABOSE M20 66900-001 - ROLLER SCREW CAP PVC - M21 PS01-1005-00B 1 MORTISE LOCK KEEPER - INTERLOCK M22 PS01-0100-117 1/ MOV. PANEL HANDLE SET - INTERLOCK M23 PS01-0100-117 1/ MOV. PANEL HANDLE SET ST. STEEL P.H. SMS M24 #12 X 1 1/2" A' CORNER <td>M11</td> <td>ES-7530-B01A</td> <td>2/ LITE</td> <td></td> <td></td> <td></td>	M11	ES-7530-B01A	2/ LITE			
M14 Q2001190 AS REQD. ASTRAGAL w'STRIPPING POLYETHYLENE Q-LONG M15 Q1501270 AS REQD. INTERLOCK w'STRIPPING POLYETHYLENE Q-LONG M16 W223012K AS REQD. PILE w'STRIPPING AT INTERLOCK POLYENPYLENE - M17 W22322NK AS REQD. PILE w'STRIPPING AT INTERLOCK POLYPROPYLENE - M18 P6304 AFK - ADHESIVE PILE PAD (4" x 1" x 1/2") - ULTRAFAB M19 GTT-234/460-02-A 2/ PANEL ROLLER SCREW CAP PVC - M20 66900-001 - ROLLER SCREW CAP PVC - INTERLOCK M21 PS01-0100-117 1/ MOV. PANEL HANDLE SET - INTERLOCK M23 PS01-0100-117 1/ MOV. PANEL HANDLE SET - INTERLOCK M24 #J12 x 1 1/4" 4/ CORNER FRAME ASSEMBLY SCREWS ST. STEEL P.H. SMS M28 #J12 x 1 1/4" AS REQD. BUMPER FASTENERS ST. STEEL P.H. SMS	M12	Q300T190	AS REQD.	FABRIC COATED FOAM WEATHERSEAL	POLYETHYLENE	Q-LONG
M15 O1SOT270 AS REQD. INTERLOCK W'STRIPPING POLYETHYLENE O-LONG M16 W223012K AS REOD. PILE W'STRIPPING POLYPROPYLENE - M17 W23322NK AS REOD. PILE W'STRIPPING AT INTERLOCK POLYPROPYLENE - M18 P6304 AFK - ADHESIVE PILE PAD (4" x 1" x 1/2") - ULRAFAB M19 GTT-234/460-02-A 2/ PANEL ROLLER - PABOSE M20 66900-001 - ROLER SCREW CAP PVC - M21 PS01-1005-00B 1 MORTISE LOCK KEEPER - INTERLOCK M22 PS01-0035-00B 1 TWO POINT 3-PLY HOOK LOCK - INTERLOCK M23 PS01-0100-117 1/ MOV.PANEL HANDLE SET - INTERLOCK M24 #12 X 1 1/2" 4/ CORNER FRAME ASSEMBLY SCREWS ST. STEEL P.H. SMS M28 #12 X 1 1/4" AS REOD. RECEPTOR FASTENERS ST. STEEL P.H. SMS M30 #10 X 1 1/4" 4/ CORNER <td>M13</td> <td>Q250T190</td> <td>AS REQD.</td> <td>JAMB W'STRIPPING</td> <td>POLYETHYLENE</td> <td>Q-LONG</td>	M13	Q250T190	AS REQD.	JAMB W'STRIPPING	POLYETHYLENE	Q-LONG
M16W223012KAS REQD.PILE W'STRIPPINGPOLYPROPYLENE-M17W22322NKAS REQD.PILE W'STRIPPING AT INTERLOCKPOLYPROPYLENE-M18P6304 AFK-ADHESVE PILE PAD (4" X 1" X 1/2")-ULTRAFABM19GTT-234/450-02-A2/ PANELROLLERPOLYPROPYLENE-M2066900-001-ROLLER SCREW CAPPVC-M21PS01-1005-00B1MORTISE LOCK KEEPER-INTERLOCKM22PS01-0035-00B1TWO POINT 3-PLY HOOK LOCK-INTERLOCKM23PS01-0100-1171/ MOV. PANELHANDLE SET-INTERLOCKM24#12 X 1 1/2"4/ CORNERFRAKE ASSEMBLY SCREWSST. STEELP.H. SMSM28#12 X 1 3/4"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELP.H. SMSM32#10 X 1 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELP.H. SMSM33#8 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M14	Q200T190	AS REQD.	ASTRAGAL W'STRIPPING	POLYETHYLENE	Q-LONG
M17 W22322NK AS REQD. PILE W'STRIPPING AT INTERLOCK POLYPROPYLENE - M18 P6304 AFK - ADHESIVE PILE PAD (4" X 1" X 1/2") - ULTRAFAB M19 GTT-234/460-02-A 2/ PANEL ROLLER - PABOSE M20 66900-001 - ROLLER SCREW CAP PVC - M21 PS01-1005-00B 1 MORTISE LOCK KEEPER - INTERLOCK M22 PS01-0035-00B 1 TWO POINT 3-PLY HOOK LOCK - INTERLOCK M23 PS01-0100-117 1/ MOV. PANEL HANDLE SET - INTERLOCK M24 #12 X 1 1/2" 4/ CORNER FRAKE ASSEMBLY SCREWS ST. STEEL P.H. SMS M29 #12 X 1 AS REQD. BUMPER FASTENERS ST. STEEL P.H. SMS M30 #10 X 1 1/4" 4/ CORNER PANEL ASSEMBLY SCREWS ST. STEEL P.H. SMS M31 #8 X 3/4" 2/ CLIP FIX. CLIP FASTENERS ST. STEEL P.H. SMS M32 #10 X 1 /2" 2/ CLIP<	M15	Q150T270	AS REQD.	INTERLOCK W'STRIPPING	POLYETHYLENE	Q-LONG
M18 P6304 AFK - ADHESIVE PILE PAD (4" x 1" x 1/2") - ULTRAFAB M19 GTT-234/460-02-A 2/ PANEL ROLLER ROLLER - PABOSE M20 66900-001 - ROLLER SCREW CAP PVC - M21 PS01-1005-00B 1 MORTISE LOCK KEEPER - INTERLOCK M22 PS01-0005-00B 1 TWO POINT 3-PLY HOOK LOCK - INTERLOCK M23 PS01-0100-117 1/ MOV. PANEL HANDLE SET - INTERLOCK M26 #12 x 1 1/2" 4/ CORNER FRAME ASSEMBLY SCREWS ST. STEEL P.H. SMS M28 #12 x 1 3/4" AS REQD. RECEPTOR FASTENERS ST. STEEL P.H. SMS M29 #10 x 1 1/4" A/ CORNER PANEL ASSEMBLY SCREWS ST. STEEL P.H. SMS M30 #10 x 1/2" 2/ ROLLER FASTENERS ST. STEEL P.H. SMS M31 #8 x 3/4" 2/ ROLLER ROLLER FASTENERS ST. STEEL F.H. SMS M32 #10 x 1/2" 2/ CLIP FI	M16	W223012K	AS REQD.	PILE W'STRIPPING	POLYPROPYLENE	-
M19CTT-234/460-02-A2/ PANELROLLERROLLER-PABOSEM2066900-001-ROLLER SCREW CAPPVC-M21PS01-1005-00B1MORTISE LOCK KEEPER-INTERLOCKM22PS01-0035-00B1TWO POINT 3-PLY HOOK LOCK-INTERLOCKM23PS01-0100-1171/ MOV. PANELHANDLE SET-INTERLOCKM24#12 X 1 1/2"4/ CORNERFRAME ASSEMBLY SCREWSST. STEELP.H. SMSM28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M17	W22322NK	AS REQD.	PILE W'STRIPPING AT INTERLOCK	POLYPROPYLENE	-
M2066900-001-ROLLER SCREW CAPPVC-M21PS01-1005-00B1MORTISE LOCK KEEPER-INTERLOCKM22PS01-0035-00B1TWO POINT 3-PLY HOOK LOCK-INTERLOCKM23PS01-0100-1171/ MOV. PANELHANDLE SET-INTERLOCKM26#12 X 1 1/2"4/ CORNERFRAME ASSEMBLY SCREWSST. STEELP.H. SMSM28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELF.H. SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M18	P6304 AFK		ADHESIVE PILE PAD (4" X 1" X 1/2")	-	ULTRAFAB
M21PS01-1005-00B1MORTISE LOCK KEEPER-INTERLOCKM22PS01-0035-00B1TWO POINT 3-PLY HOOK LOCK-INTERLOCKM23PS01-0100-1171/ MOV. PANELHANDLE SET-INTERLOCKM27#12 X 1 1/2"4/ CORNERFRAME ASSEMBLY SCREWSST. STEELP.H. SMSM28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELP.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELF.H. SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M19	GTT-234/460-02-A	2/ PANEL	ROLLER	_	PABOSE
M22PS01-0035-00B1TWO POINT 3-PLY HOOK LOCK-INTERLOCKM23PS01-0100-1171/ MOV. PANELHANDLE SET-INTERLOCKM27#12 X 1 1/2"4/ CORNERFRAME ASSEMBLY SCREWSST. STEELP.H. SMSM28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELP.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M20	66900-001	_	ROLLER SCREW CAP	PVC	-
MALOOD OUT	M21	PS01-1005-00B	1	MORTISE LOCK KEEPER	_	INTERLOCK
M27#12 X 1 1/2"4/ CORNERFRAME ASSEMBLY SCREWSST. STEELP.H. SMSM28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELP.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELF.H. SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34A#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M22	PS01-0035-00B	1	TWO POINT 3-PLY HOOK LOCK		INTERLOCK
M28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34A#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M23	PS01-0100-117	1/ MOV. PANEL	HANDLE SET	_	INTERLOCK
M28#12 X 1 3/4"AS REQD.RECEPTOR FASTENERSST. STEELP.H. SMSM29#12 X 1"AS REQD.BUMPER FASTENERSST. STEELP.H. SMSM30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34A#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M27	#12 X 1 1/2"	4/ CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	P.H. SMS
M30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34A#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M28		AS REQD.	RECEPTOR FASTENERS	ST. STEEL	P.H. SMS
M30#10 X 1 1/4"4/ CORNERPANEL ASSEMBLY SCREWSST. STEELP.H. SMSM31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M29	#12 X 1"	AS REQD.	BUMPER FASTENERS	ST. STEEL	P.H. SMS
M31#8 X 3/4"2/ ROLLERROLLER FASTENERSST. STEELF.H. SMSM32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M30		4/ CORNER	PANEL ASSEMBLY SCREWS	ST. STEEL	P.H. SMS
M32#10 X 1/2"2/ CLIPFIX. CLIP FASTENERSST. STEELHWH SMSM33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34A#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS	M31		2/ ROLLER	ROLLER FASTENERS	ST. STEEL	F.H. SMS
M33#8 X 1/2"2/ HANDLEHANDLE SET FASTENERSST. STEELF.H. SMSM34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34A#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS			2/ CLIP		ST. STEEL	HWH SMS
M34#10 X 1/2"2/ CLIPFIX. PANEL CLIP FASTENERSST. STEELF.H. SMSM34#10 X 1/2"4/ ANGLERETAINER ANGLE FASTENERSST. STEELF.H. SMSM35#8 X 1"AS REQD.ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH ENDST. STEELP.H. SMS			· · · · · · · · · · · · · · · · · · ·		ST. STEEL	F.H. SMS
M34A #10 x 1/2" 4/ ANGLE RETAINER ANGLE FASTENERS ST. STEEL F.H. SMS M35 #8 x 1" AS REQD. ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH END ST. STEEL P.H. SMS						
M35 #8 X 1" AS REQD. ASTRAGAL ADAPTER FASTENERS, AT 4" FROM EACH END ST. STEEL P.H. SMS						F.H. SMS
		",0				1

SEALANT:

WHITE/ALUMINUM COLORED SILICONE.

LOCK:

FASTENED TO LOCK STILE WITH (2) #10-32 X 2-1/2" OH MS 43-1/4" FROM BOTTOM

FASTENED TO LOCK STILE WITH (2) #8 X 3/4" PH SMS

(3) #8 X 3/4" PH SMS

