

OBTAIN DOOR/GLASS/REINFORCING/LOCK OPTION
CAPACITY FROM TABLES ON SHEETS 3 AND 4.

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

SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/O TRANSOM SEE
CHARTS ON SHEETS 3 AND 4 FOR DESIGN LOAD CAPACITY.

SINGLE (O/X) AND DOUBLE (O/XX) LEAF DOORS WITH TRANSOMS
(WITH OR WITHOUT REINFORCING) SEE SHEETS 7 & 8 FOR HORIZONTAL
MULLION CAPACITY CHART, LOWER VALUES FROM DOOR CAPACITY CHART
OR HORIZONTAL MULLION (TRANSOM BAR) CAPACITY CHART WILL APPLY
TO ENTIRE SYSTEM.

DOORS CAN ALSO BE USED WITH APPROVED ALDORA SMI-175, FS-300
AND SMI-090 STOREFRONT SYSTEMS (UNDER SEPARATE APPROVAL)
TO BE REVIEWED BY BUILDING OFFICIAL.
FOR DOORS WITH STOREFRONT SYSTEM SEE SEPARATE APPROVAL FOR
DOOR MULLION CAPACITY AND ANCHORING REQUIREMENTS.
THE LOWEST VALUE RESULTING FROM DOOR CAPACITY OR TRANSOM
CAPACITY OR STOREFRONT APPROVAL WILL APPLY TO ENTIRE SYSTEM.

FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED
SEE SHEET 9.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH 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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL
OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023/2026 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)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET
CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES.
COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.
REFER TO AL-FAROOQ STATEMENT OF EQUIVALENCY UPLOADED ALONGSIDE THIS DOCUMENT
FOR FURTHER DETAILS.

LAMINATED GLASS
LAM. INSUL. GLASS
LARGE MISSILE IMPACT

Sealed: 8/10/2026

FL #17682

A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEViate FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.

B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.

C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.

D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



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\21-38F-AAG

SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

Aldora Aluminum & Glass Products Inc.

4250 Coral Ridge Drive, Suite 101

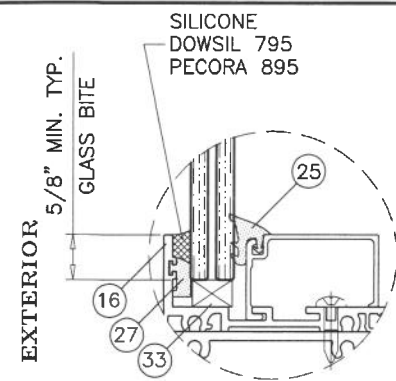
Coral Springs, FL. 33065

Tel. (954) 784-6900

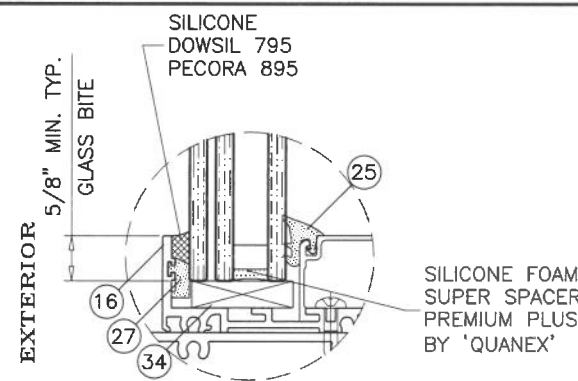
Fax. (954) 784-6901

revisions:		by		description	
no	date	no	date	no	date
C	11.03.23			DEEP FRAMES ADDED	
D	05.22.24			ELECTRIC LOCK OPTION ADDED	
E	10.15.24			LOCK OPTION REV.	
F	02.20.26			GENERAL REVISION	
G	07.30.26			UPDATED TO 2026 FBC	

date:	05-04-21	scale:	1/2"=1'-0"	dr. by:	TARIQ	chk. by:	
drawing no.	21-38F						
sheet	1 of 22						

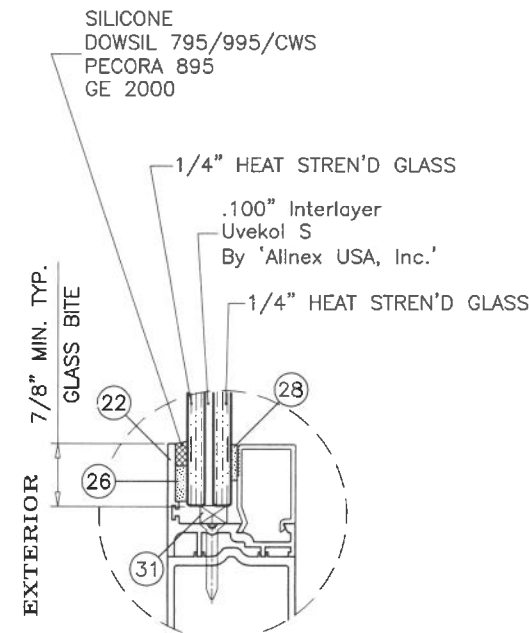


GLASS TYPES 'C', 'E' OR 'F'
9/16" LAM. GLASS

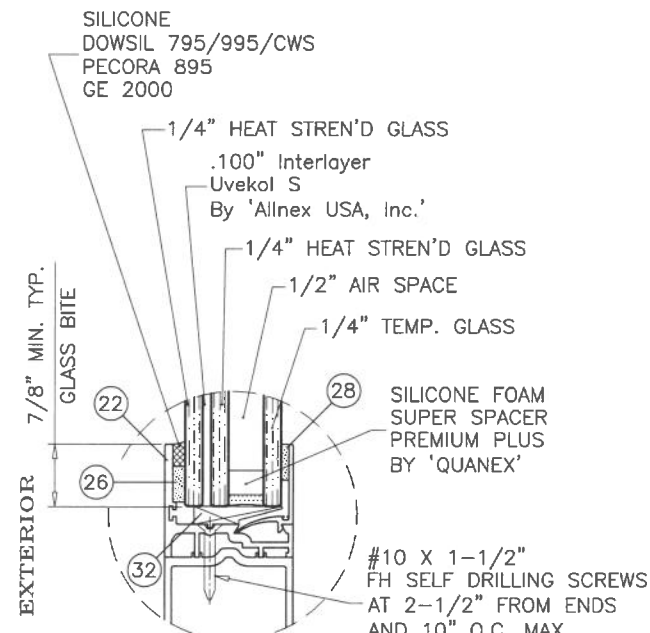


GLASS TYPE 'D' OR 'G'
1-5/16" OVERALL INSUL. LAM. GLASS

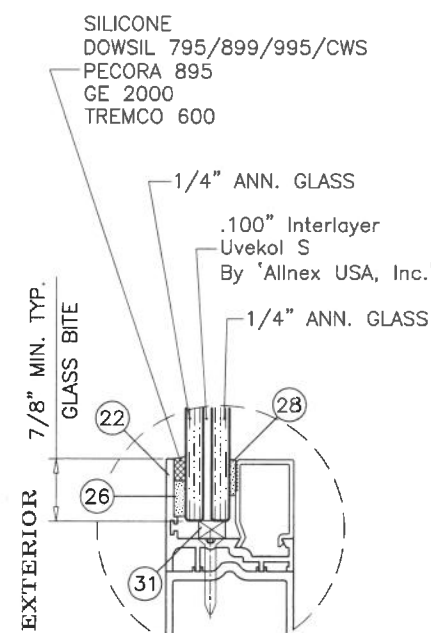
GLAZING DETAIL TRANSOM



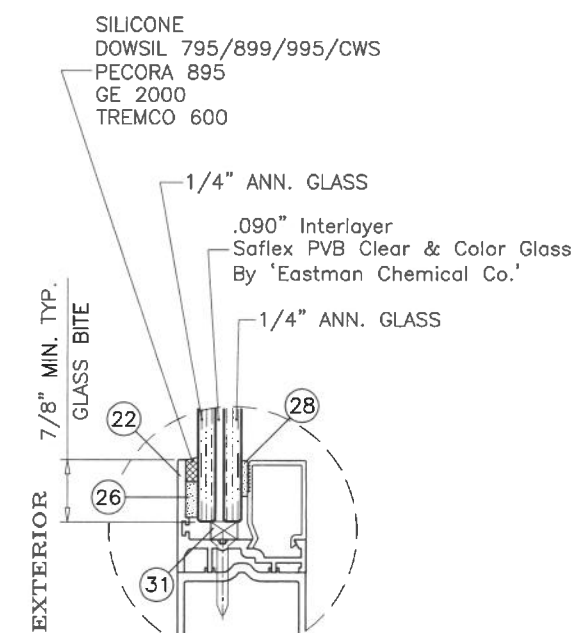
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9/16" LAM. GLASS



GLASS TYPE 'D'
1-5/16" OVERALL INSUL. LAM. GLASS

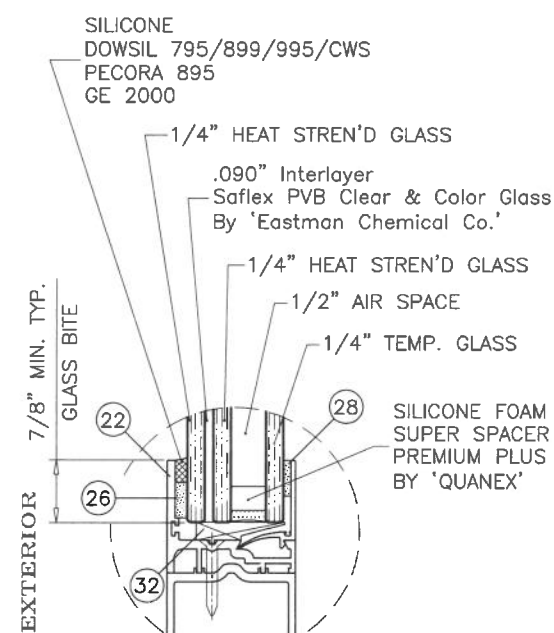


GLASS TYPE 'E'
9/16" LAM. GLASS



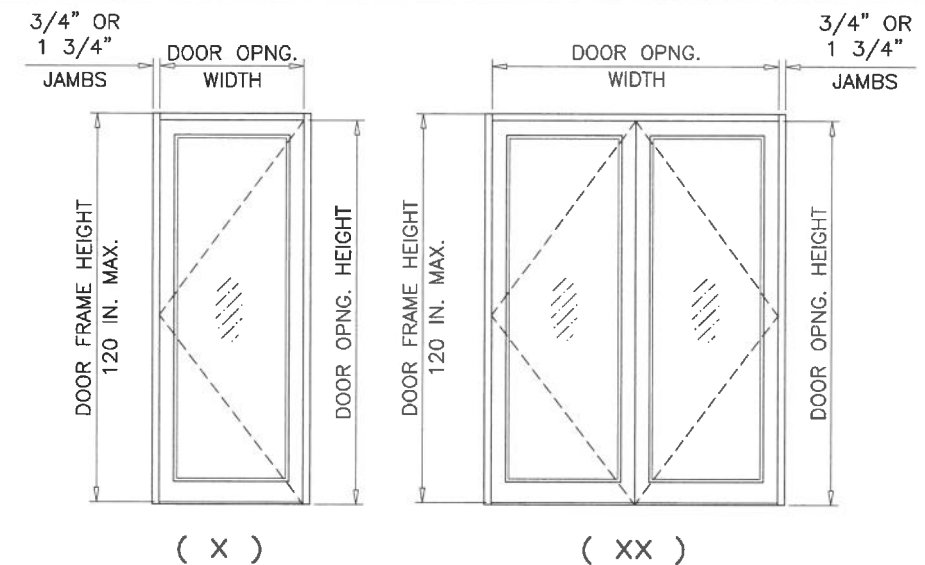
GLASS TYPE 'F'
9/16" LAM. GLASS

GLAZING DETAILS DOOR LEAF



GLASS TYPE 'G'
1-5/16" OVERALL INSUL. LAM. GLASS

GLAZING DETAILS LEVEL 'D' IMPACT



DESIGN LOAD CAPACITY - PSF (GLASS)						
SINGLE (X)	DOUBLE (XX)	FRAME HEIGHT INCHES	LOCK OPTIONS 1, 1A, 2, 3, 4 5, 6, 7 & 8		LOCK OPTIONS 1, 1A, 2, 3 7 & 8	
			GLASS TYPES 'E', 'F' & 'G'		GLASS TYPES 'C' & 'D'	
			*EXT.(+)	INT.(-)	*EXT.(+)	INT.(-)
DOOR OPNG. WIDTH INCHES	DOOR OPNG. WIDTH INCHES					
36	72	85-3/4	90.0	90.0	100.0	100.0
48	96		90.0	90.0	100.0	100.0
36	72	97-3/4	90.0	90.0	100.0	100.0
48	96		-	-	100.0	100.0
36	72	109-3/4	-	-	100.0	100.0
48	96		-	-	100.0	100.0
36	72	120	-	-	100.0	100.0
48	96		-	-	100.0	100.0
			UN-REINFORCED MTG. STILES		REINFORCED MTG. STILES	

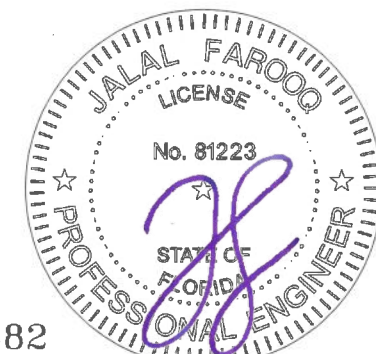
NOTE: DOOR OPNG HEIGHT = DOOR FRAME HEIGHT - 1 3/4"

* SEE SHEET 9 FOR SILL TYPES QUALIFIED FOR WATER INFILTRATION RESISTANCE (POSITIVE DESIGN PRESSURE) LIMITED

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Sealed: 8/10/2026

FL #17682

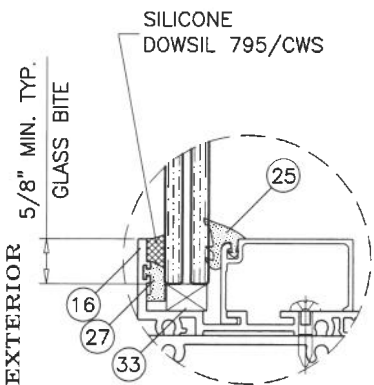


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COMP - ANL 21-38F-AAG

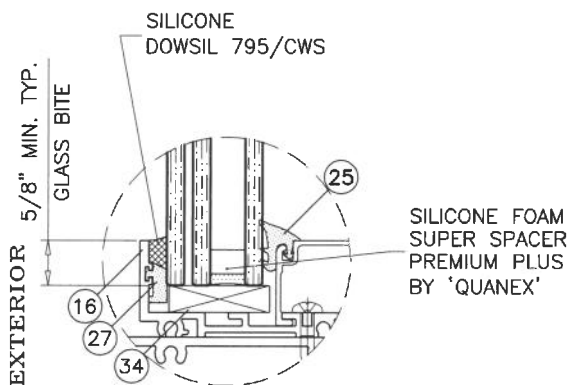
SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
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revisions:	no	date	by	description
date:	05-04-21	scale:	3/8" = 1"	
dr. by:	TARIQ	chk. by:		
drawing no.	21-38F	sheet	3 of 22	

GLAZING DETAILS LEVEL 'D' IMPACT

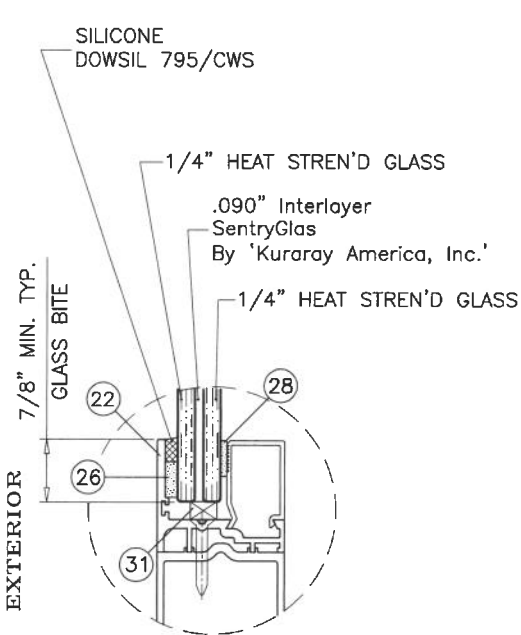


GLASS TYPE 'H'
9/16" LAM. GLASS

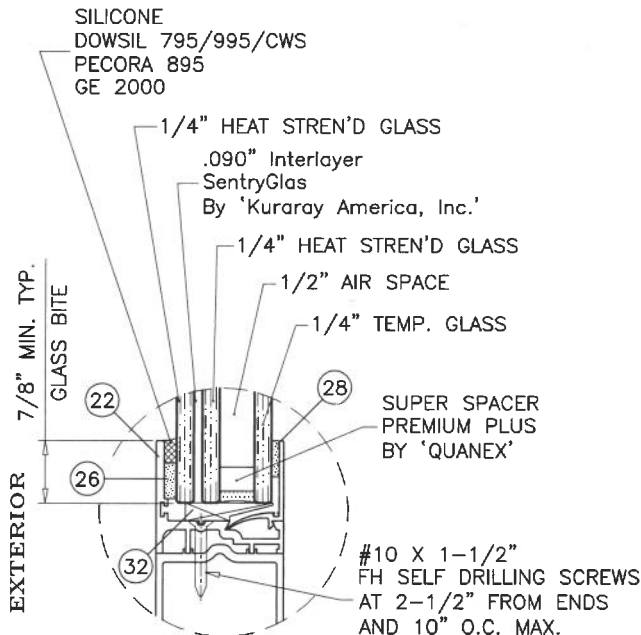


GLASS TYPE 'Hi'
1-5/16" OVERALL INSUL. LAM. GLASS

GLAZING DETAIL TRANSOM

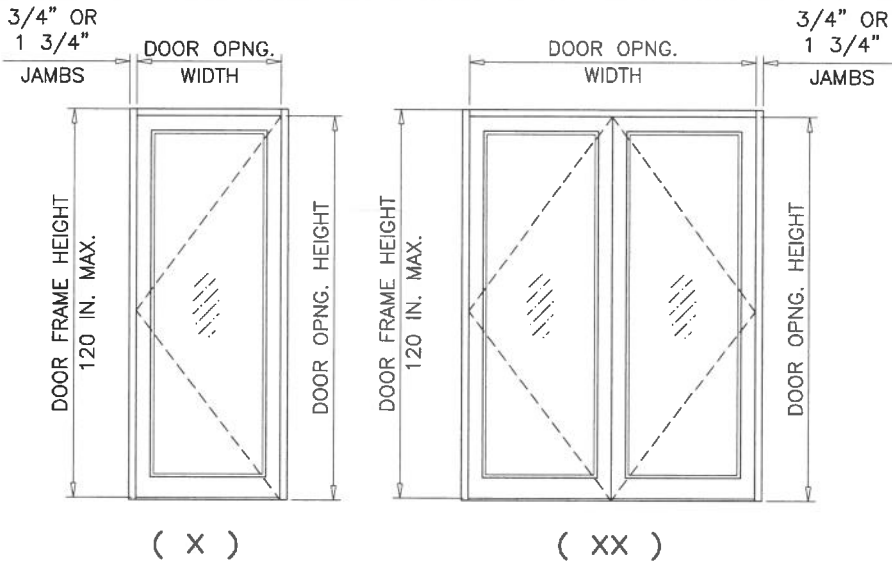


GLASS TYPE 'H'
9/16" LAM. GLASS



GLASS TYPE 'Hi'
1-5/16" OVERALL INSUL. LAM. GLASS

GLAZING DETAILS DOOR LEAF



DESIGN LOAD CAPACITY - PSF (GLASS)					
SINGLE (X)	DOUBLE (XX)	FRAME HEIGHT INCHES	LOCK OPTIONS 1, 1A, 2, 3, 4 5, 6, 7 & 8		LOCK OPTIONS 1, 1A, 2, 3 7 & 8
			GLASS TYPE 'H' & 'Hi'		GLASS TYPES 'H' & 'Hi'
			*EXT.(+)	INT.(-)	*EXT.(+)
DOOR OPNG. WIDTH INCHES	DOOR OPNG. WIDTH INCHES				INT.(-)
36	72	85-3/4	65.0	65.0	100.0
48	96		65.0	65.0	100.0
36	72	97-3/4	65.0	65.0	100.0
48	96		65.0	65.0	100.0
36	72	109-3/4	65.0	65.0	100.0
48	96		65.0	65.0	100.0
36	72	118"	65.0	65.0	100.0
48	96		65.0	65.0	100.0
36	72	120	-	-	100.0
48	96		-	-	100.0
			UN-REINFORCED MTG. STILES		REINFORCED MTG. STILES

NOTE: DOOR OPNG HEIGHT = DOOR FRAME HEIGHT - 1 3/4"

*
SEE SHEET 9 FOR SILL TYPES QUALIFIED
FOR WATER INFILTRATION RESISTANCE
(POSITIVE DESIGN PRESSURE) LIMITED

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

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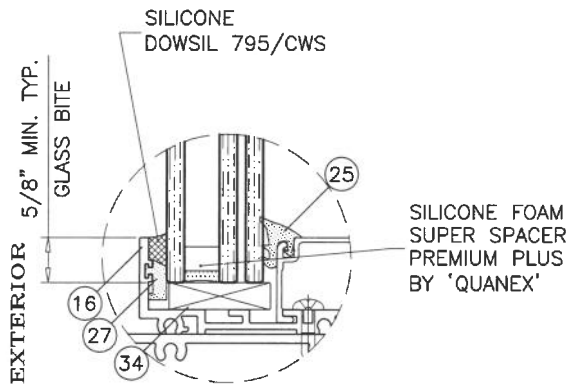
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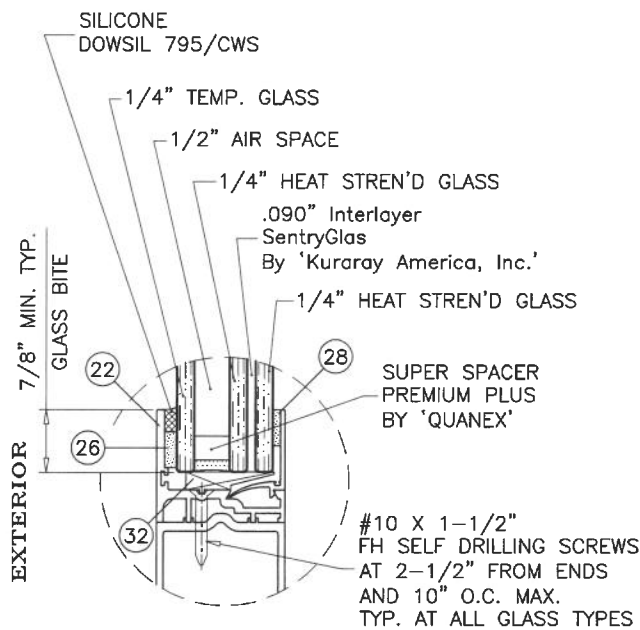
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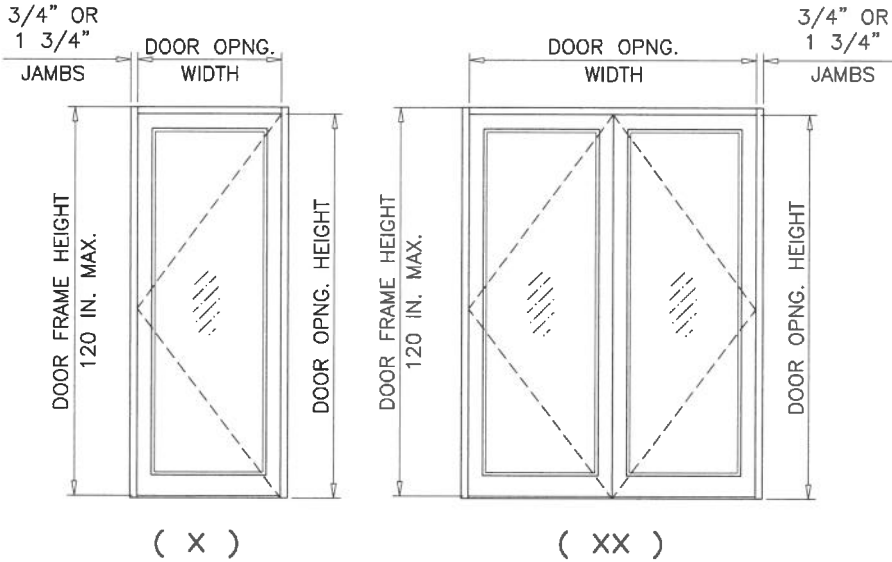
GLAZING DETAILS LEVEL 'D' IMPACT



GLASS TYPE 'Bi'
1-5/16" OVERALL INSUL. LAM. GLASS
GLAZING DETAIL TRANSOM



GLASS TYPE 'Bi'
1-5/16" OVERALL INSUL. LAM. GLASS
GLAZING DETAILS DOOR LEAF



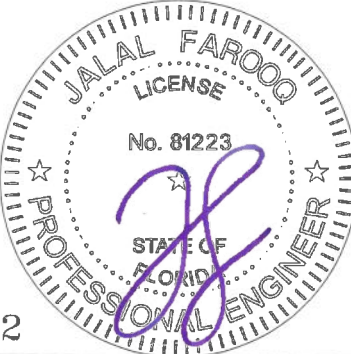
DESIGN LOAD CAPACITY - PSF (GLASS)							
SINGLE (X)	DOUBLE (XX)	FRAME HEIGHT INCHES	LOCK OPTIONS 1, 1A, 2, 3, 4 5, 6, 7 & 8		LOCK OPTIONS 1, 1A, 2, 3 7 & 8		
			GLASS TYPE 'Bi'		GLASS TYPE 'Bi'		
			*EXT.(+)	INT.(-)	*EXT.(+)	INT.(-)	
36	72	85-3/4	75.0	75.0	75.0	75.0	
48	96		75.0	75.0	75.0	75.0	
36	72	97-3/4	75.0	75.0	75.0	75.0	
48	96		65.0	65.0	75.0	75.0	
36	72	109-3/4	65.0	65.0	75.0	75.0	
48	96		65.0	65.0	75.0	75.0	
36	72	118"	65.0	65.0	75.0	75.0	
48	96		65.0	65.0	75.0	75.0	
36	72	120	-	-	75.0	75.0	
48	96		-	-	75.0	75.0	
			UN-REINFORCED MTG. STILES		REINFORCED MTG. STILES		

NOTE: DOOR OPNG HEIGHT = DOOR FRAME HEIGHT - 1 3/4"

*
SEE SHEET 9 FOR SILL TYPES QUALIFIED
FOR WATER INFILTRATION RESISTANCE
(POSITIVE DESIGN PRESSURE) LIMITED

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Sealed: 8/10/2026



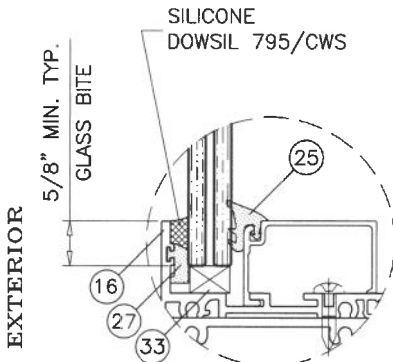
FL #17682

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\21-38F-AAG

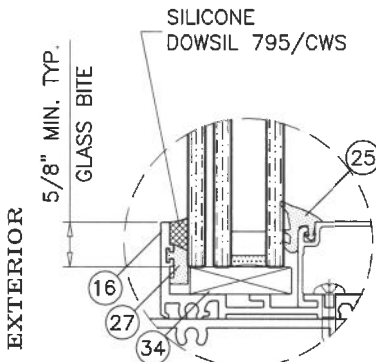
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drawing no.
21-38F
sheet 3.2 of 22

GLAZING DETAILS LEVEL 'E' IMPACT

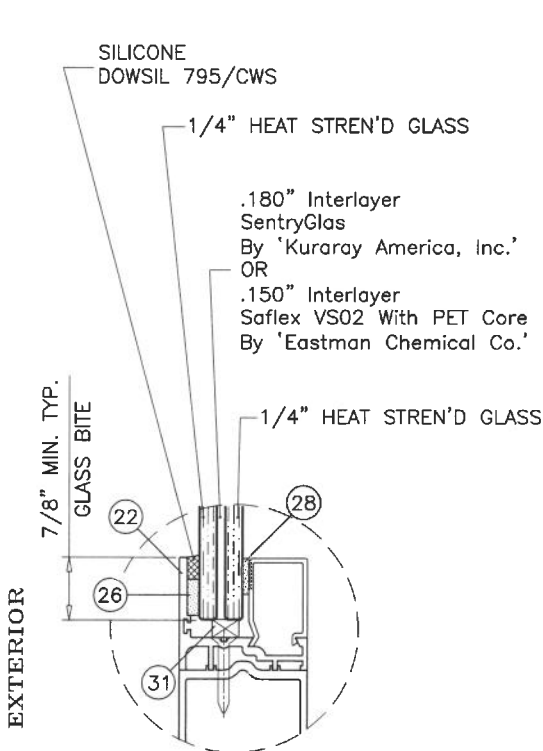


GLASS TYPES 'J'
9/16" LAM. GLASS

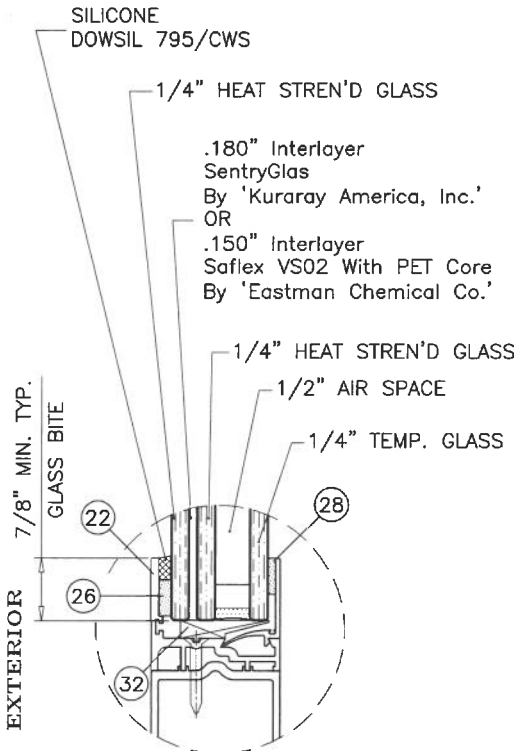


GLASS TYPE 'Ji'
1-5/16" OVERALL INSUL. LAM. GLASS

GLAZING DETAIL TRANSOM

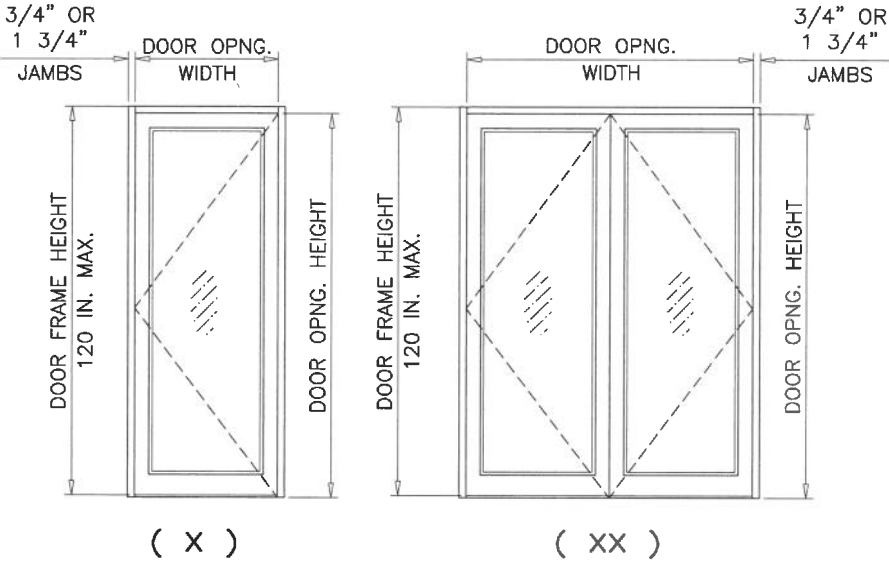


GLASS TYPE 'J'
9/16" LAM. GLASS



GLASS TYPE 'Ji'
1-5/16" OVERALL INSUL. LAM. GLASS

GLAZING DETAILS DOOR LEAF



DESIGN LOAD CAPACITY - PSF (GLASS)				
SINGLE (X)	DOUBLE (XX)	FRAME HEIGHT INCHES	LOCK OPTIONS 1, 1A, 6 & 7	
			GLASS TYPES 'J' & 'Ji'	
DOOR OPNG. WIDTH INCHES	DOOR OPNG. WIDTH INCHES		*EXT.(+)	INT.(-)
36	72	85-3/4	100.0	100.0
48	96		100.0	100.0
36	72	97-3/4	100.0	100.0
48	96		100.0	100.0
36	72	109-3/4	100.0	100.0
48	96		100.0	100.0
36	72	120	100.0	100.0
48	96		100.0	100.0
REINFORCED MTG. STILES				

NOTE: DOOR OPNG HEIGHT = DOOR FRAME HEIGHT - 1 3/4"

* SEE SHEET 9 FOR SILL TYPES QUALIFIED FOR WATER INFILTRATION RESISTANCE (POSITIVE DESIGN PRESSURE) LIMITED

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

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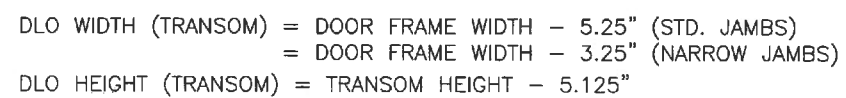


FL #17682

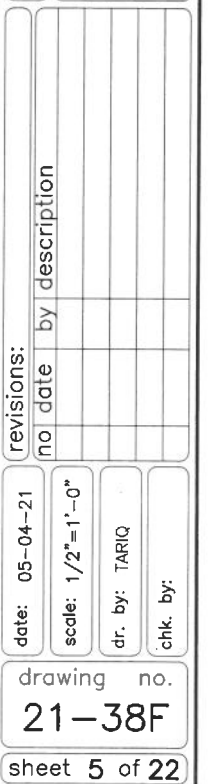
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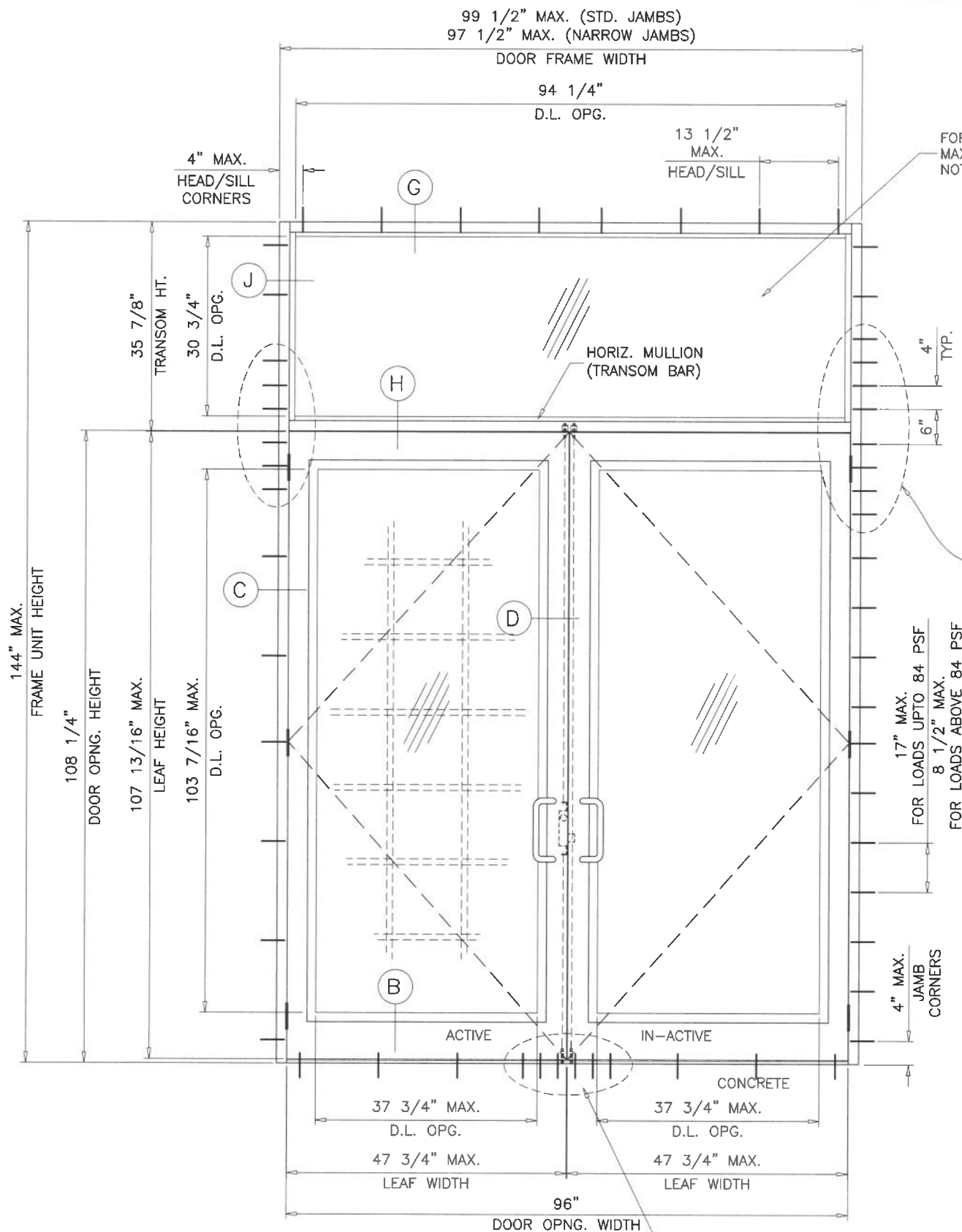
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chk. by:
drawing no. 21-38F
sheet 4 of 22



FL #17682





FOR LEVEL 'E' GLASS TYPES
MAXIMUM TRANSOM AREA
NOT TO EXCEED 16 SQ. FT.

SUBSTRATE	NO. OF ANCHORS AT TRANSOM ENDS	
	WITHOUT REINF.	WITH REINF.
WOOD	5	6
MASONRY	5	8
CONCRETE	4	4
METAL	4	5

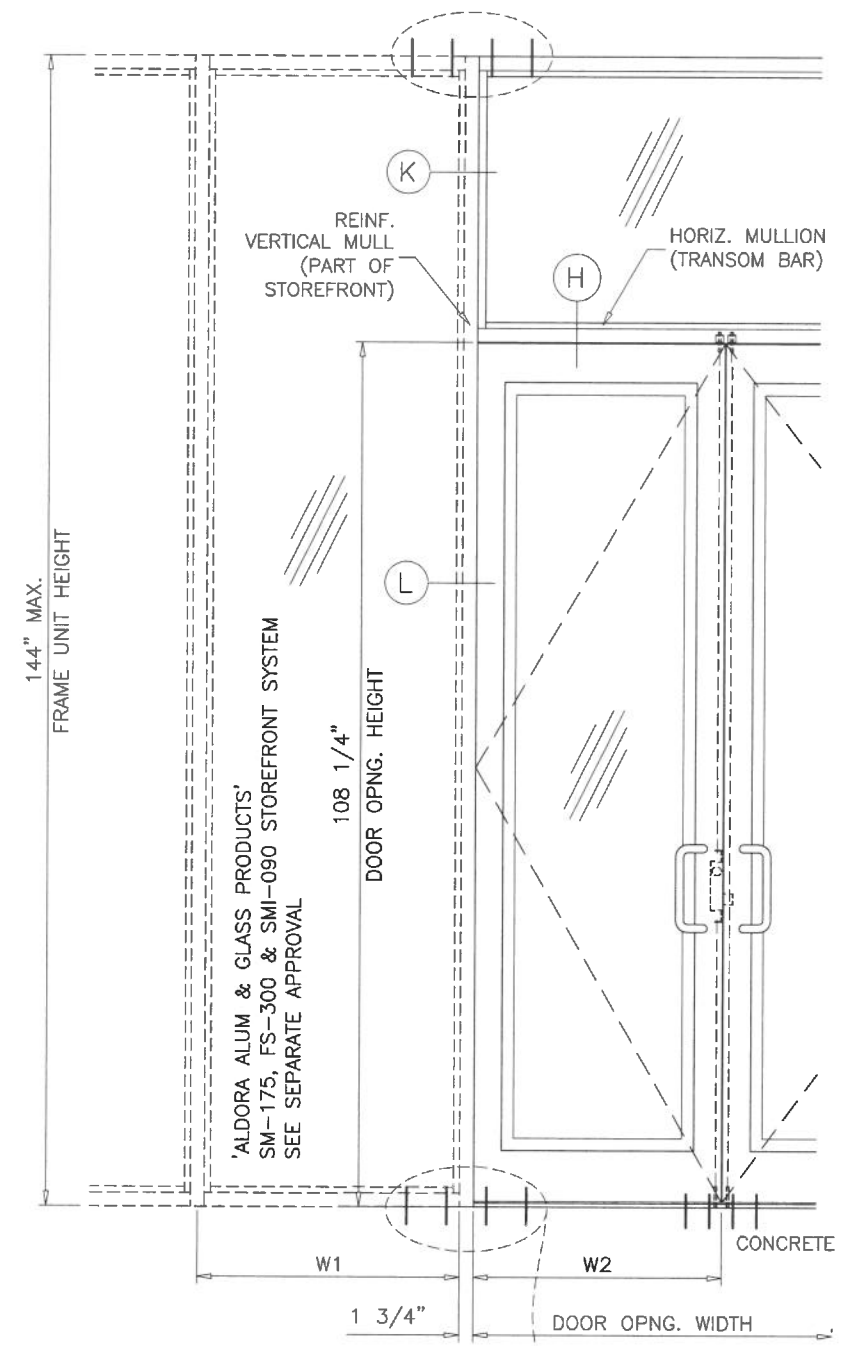
17" MAX.
FOR LOADS UPTO 84 PSF
8 1/2" MAX.
FOR LOADS ABOVE 84 PSF

(O/XX)
TYPICAL ELEVATION
DOOR W/ TRANSOM

(6) ANCHORS TYPE 'B'
AT MTG. STILE ENDS
AT 3" O.C.

DLO WIDTH (TRANSOM) = DOOR FRAME WIDTH - 5.25" (STD. JAMBS)
= DOOR FRAME WIDTH - 3.25" (NARROW JAMBS)
DLO HEIGHT (TRANSOM) = TRANSOM HEIGHT - 5.125"

NOTE:
FOR DOORS CAPACITY SEE SHEETS 3 AND 4.
FOR HORIZONTAL MULLION (TRANSOM BAR) CAPACITY SEE SHEET 8.
LOWER VALUES FROM DOORS OR HORIZONTAL MULLION (TRANSOM BAR) CHART
WILL APPLY TO ENTIRE SYSTEM.



$$\text{VERT. MULLION TRIB. WIDTH (W)} = \frac{W1 + W2}{2} + 1.750$$



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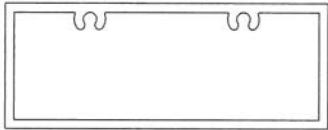
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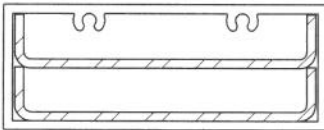
drawing no.
21-38F
sheet 6 of 22

SINGLE DOOR HORIZONTAL MULLION (TRANSOM BAR)					
DESIGN LOAD CAPACITY					
NOMINAL DIMS.			GLASS E, F, G H, Hi, J, Ji	GLASS C, D H, Hi, J, Ji	GLASS - -
			STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)
36	84	20	100.0	100.0	80.0
		24	100.0	100.0	
		26	100.0	100.0	
		28	100.0	100.0	
		32	100.0	100.0	
		36	-	100.0	
		40	-	100.0	
		44	-	91.0	
		48	-	83.7	
42		20	89.0	100.0	
		24	85.7	100.0	
		26	84.1	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
		40	-	100.0	
		44	-	91.0	
		48	-	83.7	
48		20	67.4	100.0	
		24	64.9	100.0	
		26	-	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
		40	-	100.0	
36		96"	20	100.0	100.0
	24		100.0	100.0	
	26		100.0	100.0	
	28		100.0	100.0	
	32		99.6	100.0	
	36		-	100.0	
	40		-	100.0	
	44		-	91.0	
	48		-	83.7	
42	20		79.8	100.0	
	24		77.1	100.0	
	26		75.9	100.0	
	28		-	100.0	
	32		-	100.0	
	36		-	100.0	
	40		-	100.0	
	44		-	91.0	
	48		-	83.7	
48	20		60.4	100.0	
	24		58.4	100.0	
	26		-	100.0	
	28		-	100.0	
	32		-	100.0	
	36		-	100.0	
	40		-	100.0	
	42		-	95.7	

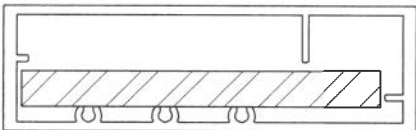
SINGLE DOOR HORIZONTAL MULLION (TRANSOM BAR)					
DESIGN LOAD CAPACITY					
NOMINAL DIMS.			GLASS E, F, G H, Hi, J, Ji	GLASS C, D H, Hi, J, Ji	GLASS - -
			STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
			OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES
36	108	20	99.6	100.0	
		24	96.6	100.0	
		26	95.2	100.0	
		28	93.8	100.0	
		32	91.1	100.0	
		36	-	100.0	
42		20	72.3	100.0	
		24	70.1	100.0	
		26	69.1	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
48		20	54.7	100.0	
		24	53.1	100.0	
		26	-	100.0	
		28	-	100.0	
		32	-	97.3	
		36	-	94.6	
36	118	20	92.4	100.0	
		24	89.8	100.0	
		26	88.6	100.0	
42		20	67.1	100.0	
		24	65.2	100.0	
		26	64.3	100.0	
46		20	53.9	100.0	
		24	-	100.0	
		26	-	100.0	
48		20	50.8	98.7	
		24	49.3	95.9	
		26	-	94.6	
36	120	20	91.1	100.0	
		24	88.6	100.0	
		26	87.3	100.0	
42		20	66.1	100.0	
		24	64.3	100.0	
		26	63.4	100.0	
46		20	53.2	100.0	
		24	52.4	100.0	
		26	50.0	100.0	
48		20	48.6	97.3	
		24	48.6	94.6	



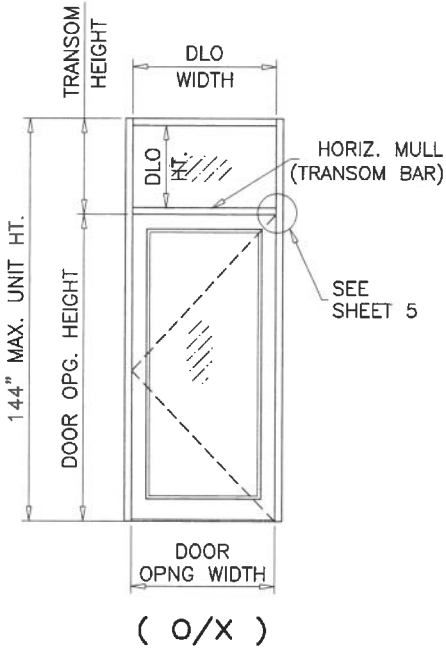
STD. TRANSOM BAR
HORIZONTAL MULLION
WITHOUT REINFORCING



STD. TRANSOM BAR
HORIZONTAL MULLION
WITH REINFORCING



DEEP TRANSOM BAR
HORIZONTAL MULLION
WITH REINFORCING



NOTE:
FOR DOORS CAPACITY SEE SHEETS 3 AND 4.
FOR HORIZONTAL MULLION (TRANSOM BAR) CAPACITY SEE CHART ABOVE.
LOWER VALUES FROM DOORS OR HORIZONTAL MULLION (TRANSOM BAR)
CHART WILL APPLY TO ENTIRE SYSTEM.

Sealed: 8/10/2026



FL #17682

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

SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

no	date	by	description

date: 05-04-21

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dr. by: TARIQ

chk. by:

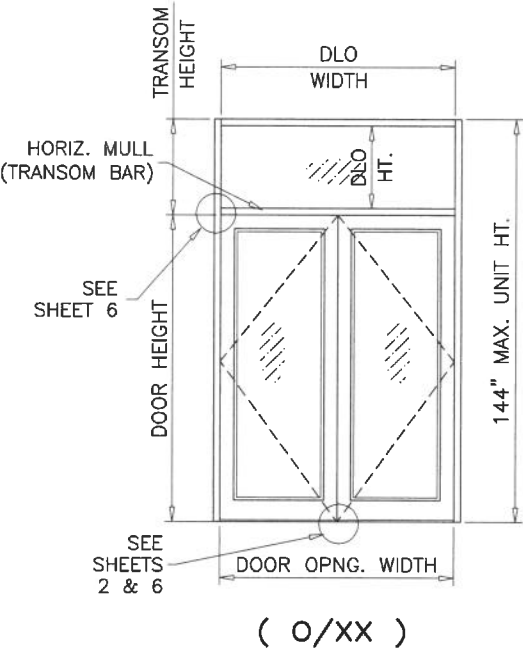
drawing no.

21-38F

sheet 7 of 22

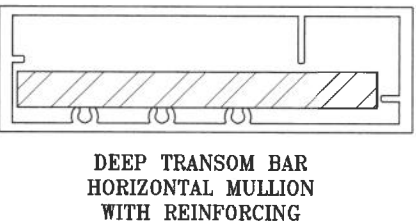
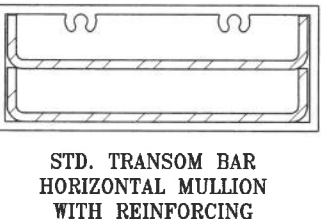
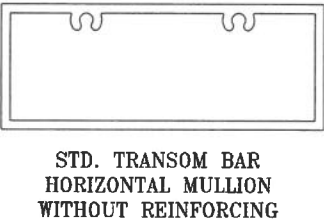
DOUBLE DOOR HORIZONTAL MULLION (TRANSOM BAR)					
DESIGN LOAD CAPACITY					
NOMINAL DIMS.			GLASS E, F, G H, Hi, J, Ji	GLASS C, D H, Hi, J, Ji	GLASS - -
			STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)
72		20	100.0	100.0	80.0
		24	100.0	100.0	
		26	100.0	100.0	
		28	100.0	100.0	
		32	100.0	100.0	
		36	-	100.0	
		40	-	100.0	
		44	-	91.0	
84	84	48	-	83.7	
		20	89.0	100.0	
		24	85.7	100.0	
		26	84.1	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
		40	-	100.0	
96		44	-	91.0	
		48	-	83.7	
		20	67.4	100.0	
		24	64.9	100.0	
		26	-	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
72		40	-	100.0	
		20	100.0	100.0	
		24	100.0	100.0	
		26	100.0	100.0	
		28	100.0	100.0	
		32	99.6	100.0	
		36	-	100.0	
		40	-	100.0	
84	96"	44	-	91.0	
		48	-	83.7	
		20	79.8	100.0	
		24	77.1	100.0	
		26	75.9	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
96		40	-	100.0	
		44	-	91.0	
		48	-	83.7	
		20	60.4	100.0	
		24	58.4	100.0	
		26	-	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
		40	-	100.0	
		42	-	95.7	

DOUBLE DOOR HORIZONTAL MULLION (TRANSOM BAR)					
DESIGN LOAD CAPACITY					
NOMINAL DIMS.			GLASS E, F, G H, Hi, J, Ji	GLASS C, D H, Hi, J, Ji	GLASS - -
			STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)
72		20	99.6	100.0	
		24	96.6	100.0	
		26	95.2	100.0	
		28	93.8	100.0	
		32	91.1	100.0	
		36	-	100.0	
84	108	20	72.3	100.0	
		24	70.1	100.0	
		26	69.1	100.0	
		28	-	100.0	
		32	-	100.0	
		36	-	100.0	
96		20	54.7	100.0	
		24	53.1	100.0	
		26	-	100.0	
		28	-	100.0	
		32	-	97.3	
		36	-	94.6	
72		20	92.4	100.0	
		24	89.8	100.0	
		26	88.6	100.0	
84		20	67.1	100.0	
		24	65.2	100.0	
		26	64.3	100.0	
92		20	53.9	100.0	
		24	-	100.0	
		26	-	100.0	
96		20	50.8	98.7	
		24	49.3	95.9	
		26	-	94.6	
72		20	91.1	100.0	
		24	88.6	100.0	
		26	87.3	100.0	
84		20	66.1	100.0	
		24	64.3	100.0	
		26	63.4	100.0	
92		20	53.2	100.0	
		24	52.4	100.0	
		26	50.0	100.0	
96		20	48.6	97.3	
		24	48.6	94.6	



NOTE:
 FOR DOORS CAPACITY SEE SHEETS 3 AND 4.
 FOR HORIZONTAL MULLION (TRANSOM BAR) CAPACITY SEE CHART ABOVE.
 LOWER VALUES FROM DOORS OR HORIZONTAL MULLION (TRANSOM BAR)
 CHART WILL APPLY TO ENTIRE SYSTEM.
 FOR GLASS TYPES 'J' & 'Ji' MAXIMUM TRANSOM AREA NOT TO EXCEED 16 SQ. FT.

*
 SEE SHEET 9 FOR SILL TYPES QUALIFIED
 FOR WATER INFILTRATION RESISTANCE
 (POSITIVE DESIGN PRESSURE) LIMITED



FL #17682



AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX (305) 262-6978
 COMP - ANL 21-38F-AAG

SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

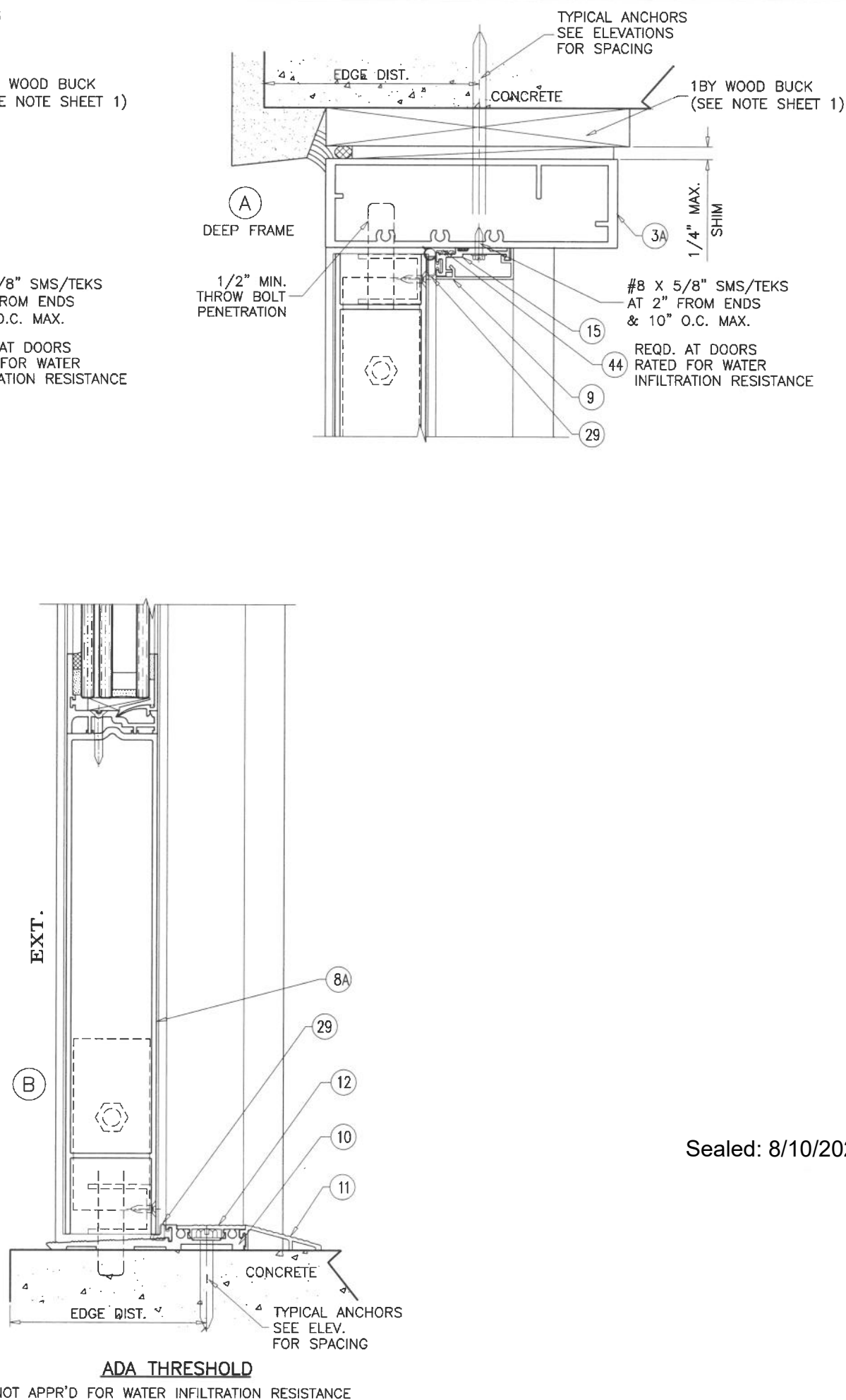
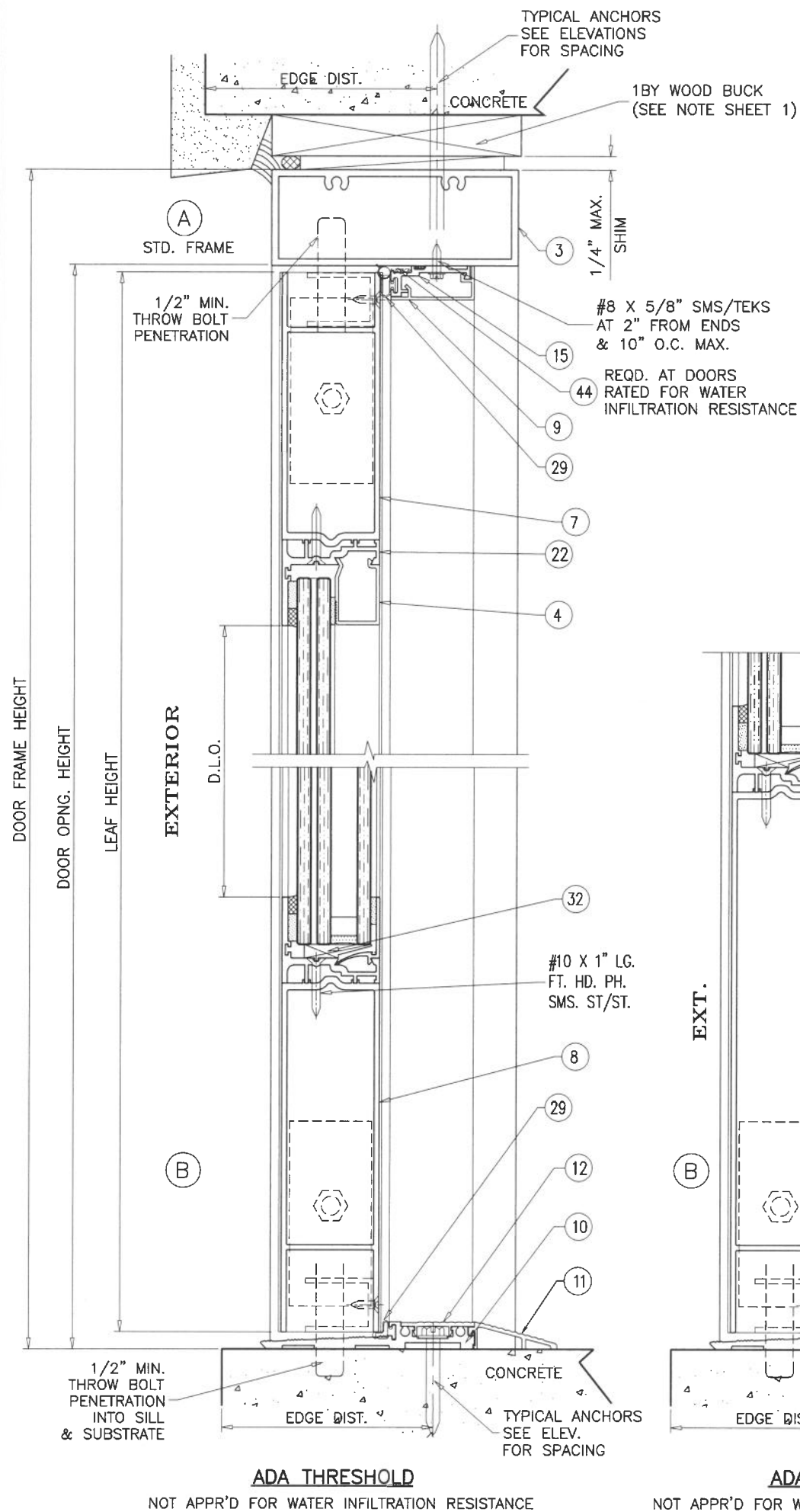
Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive, Suite 101
 Coral Springs, FL. 33065
 Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

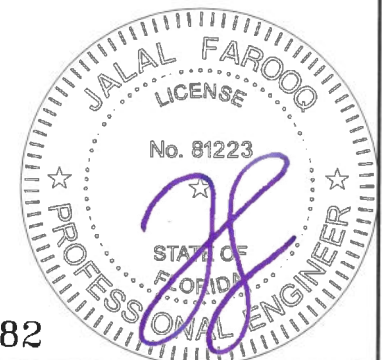
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 dr. by: TARIQ
 chk. by:

drawing no.
21-38F
 sheet 8 of 22



Sealed: 8/10/2026



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AL-FAROOQ CORPORATION
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SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
Aldora Aluminum & Glass Products Inc.
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Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

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date: 05-04-21
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
21-38F
sheet 9 of 22



MID-RISE THRESHOLD

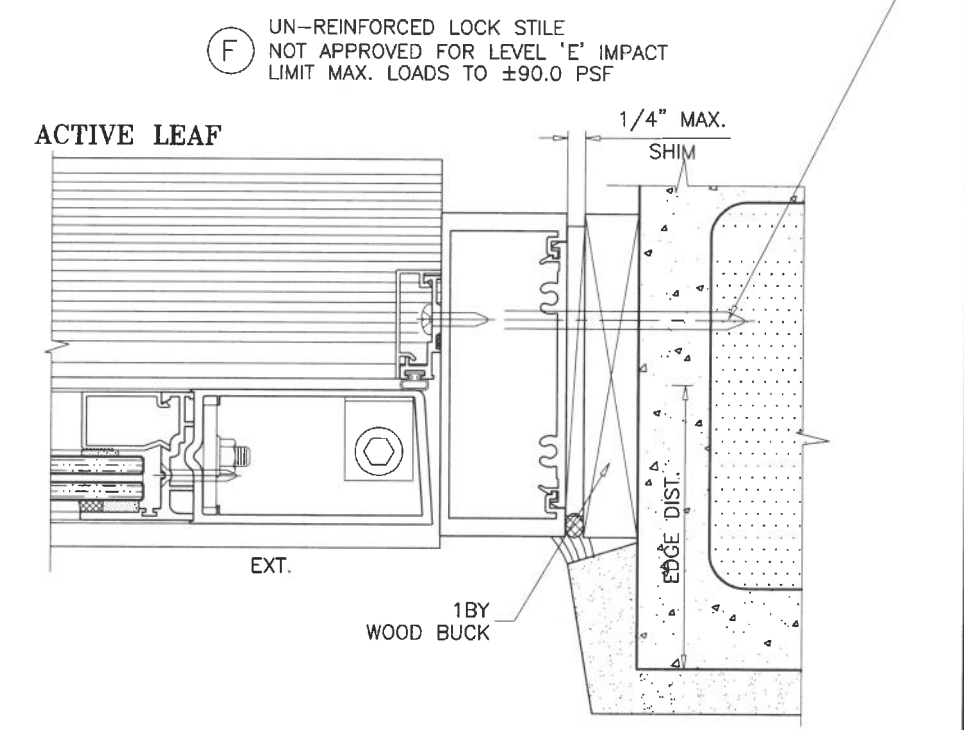
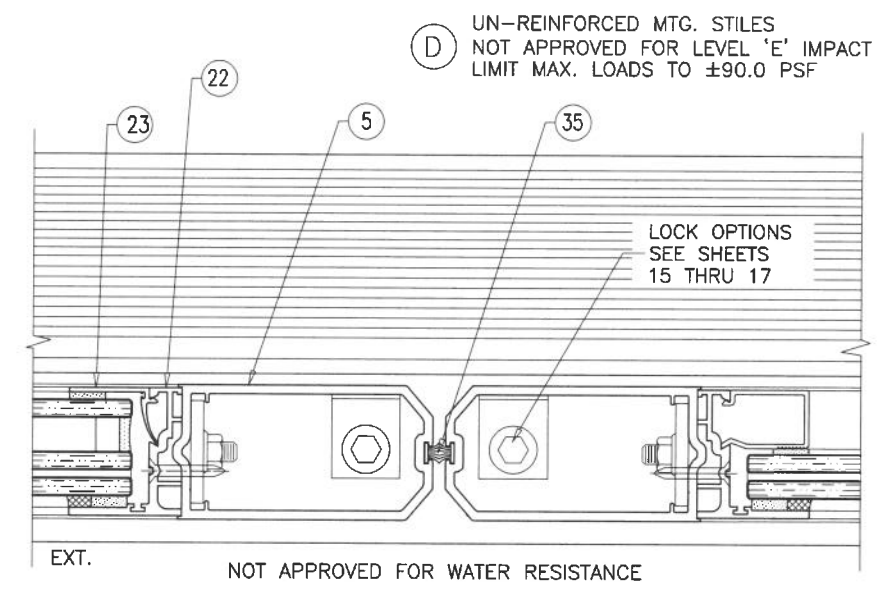
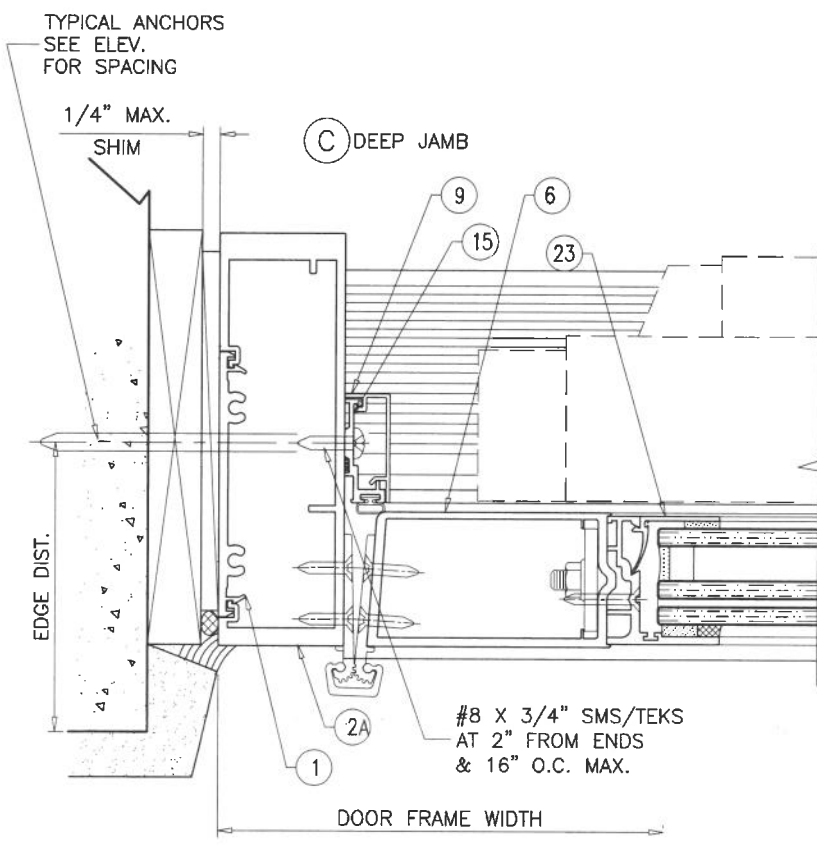
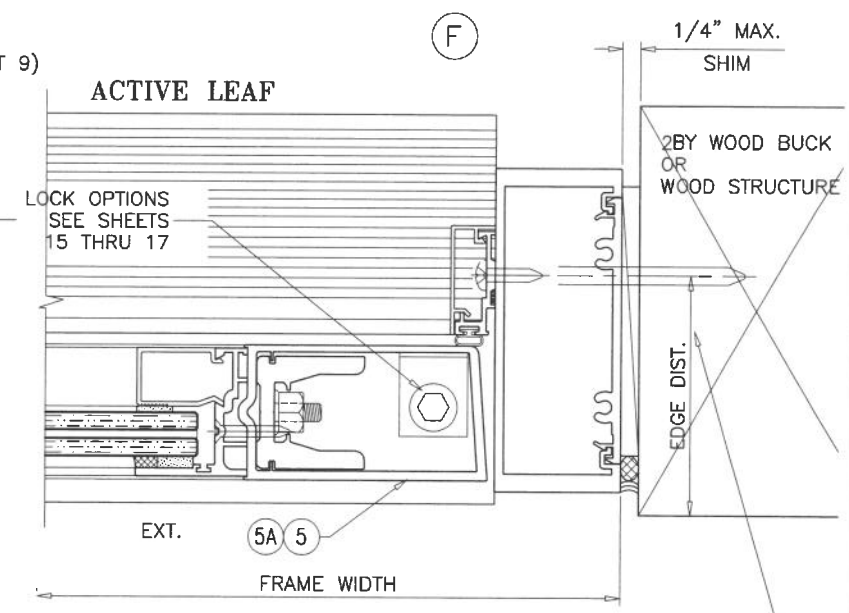
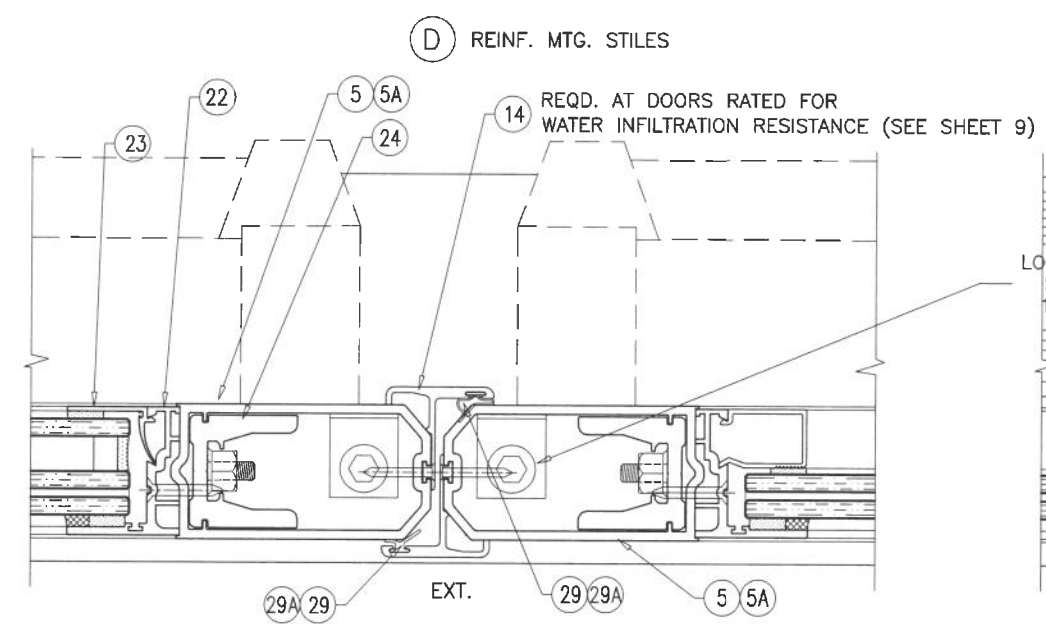
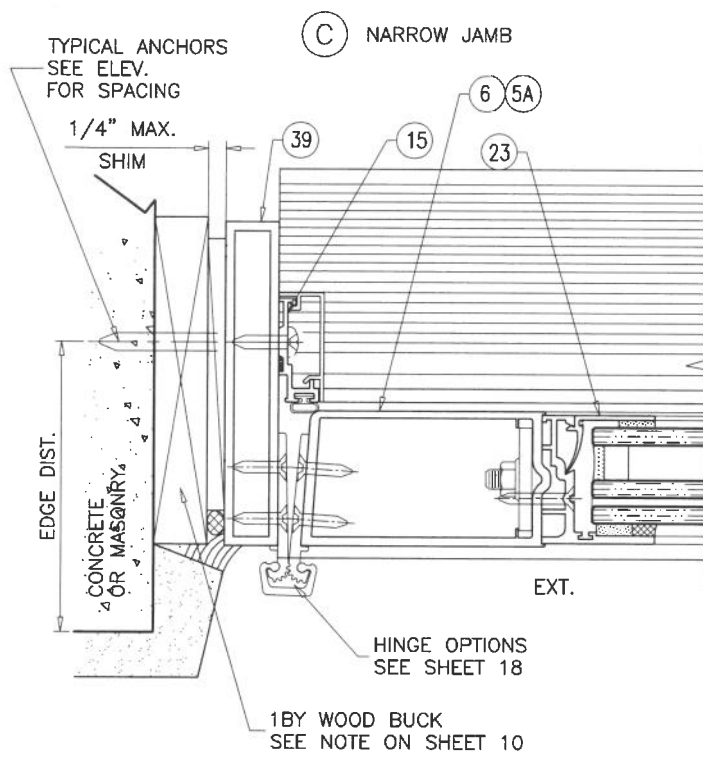
HI-RISE THRESHOLD

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drawing no. 21-38F			
sheet 9.1 of 22			

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FL #17682

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SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive, Suite 101
 Coral Springs, FL. 33065
 Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:

no	date	by	description

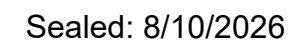
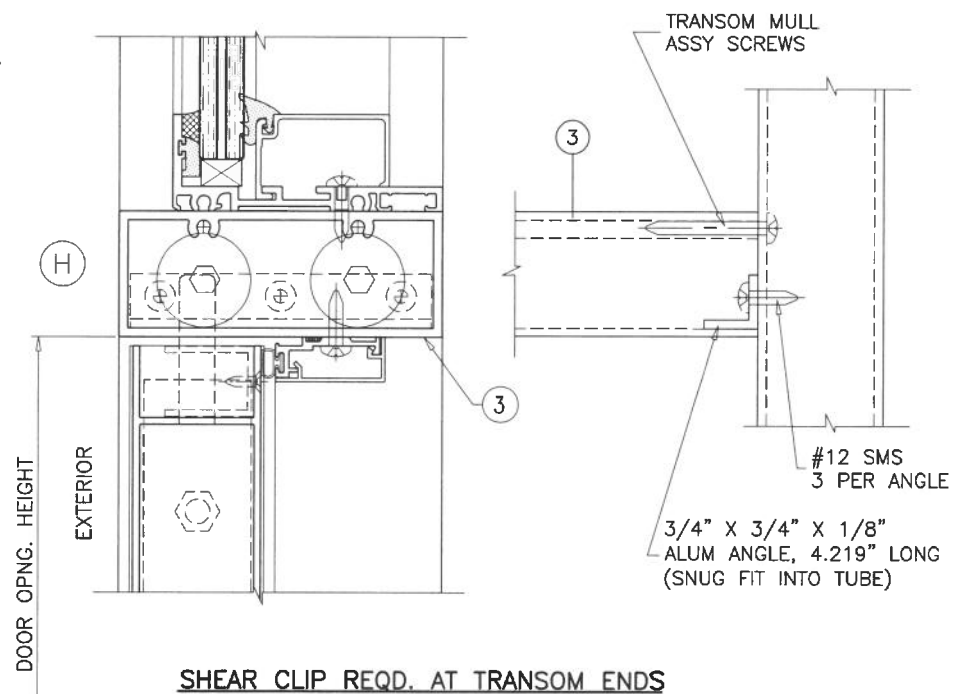
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 chk. by:

drawing no.

21-38F

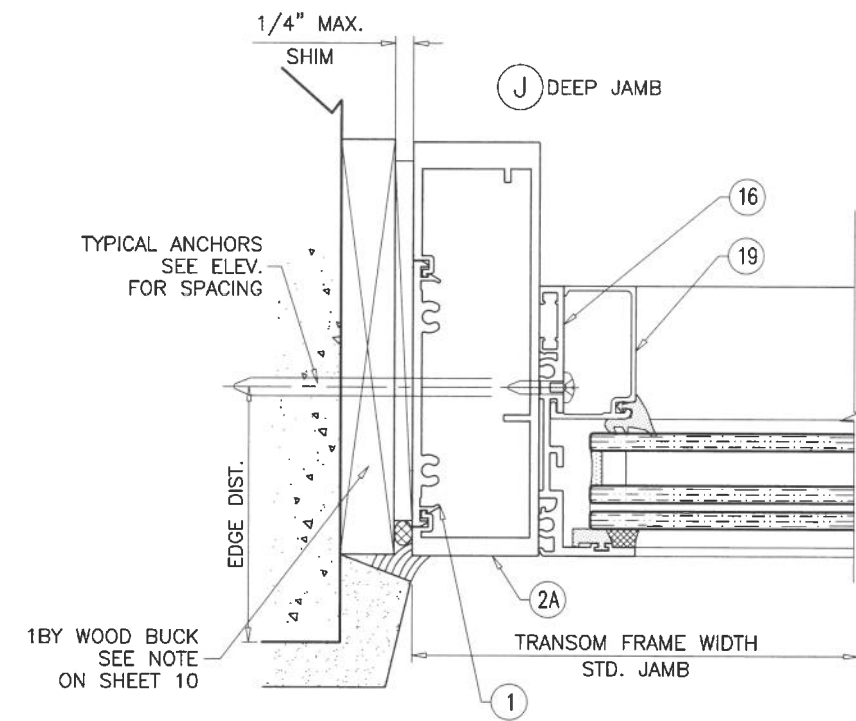
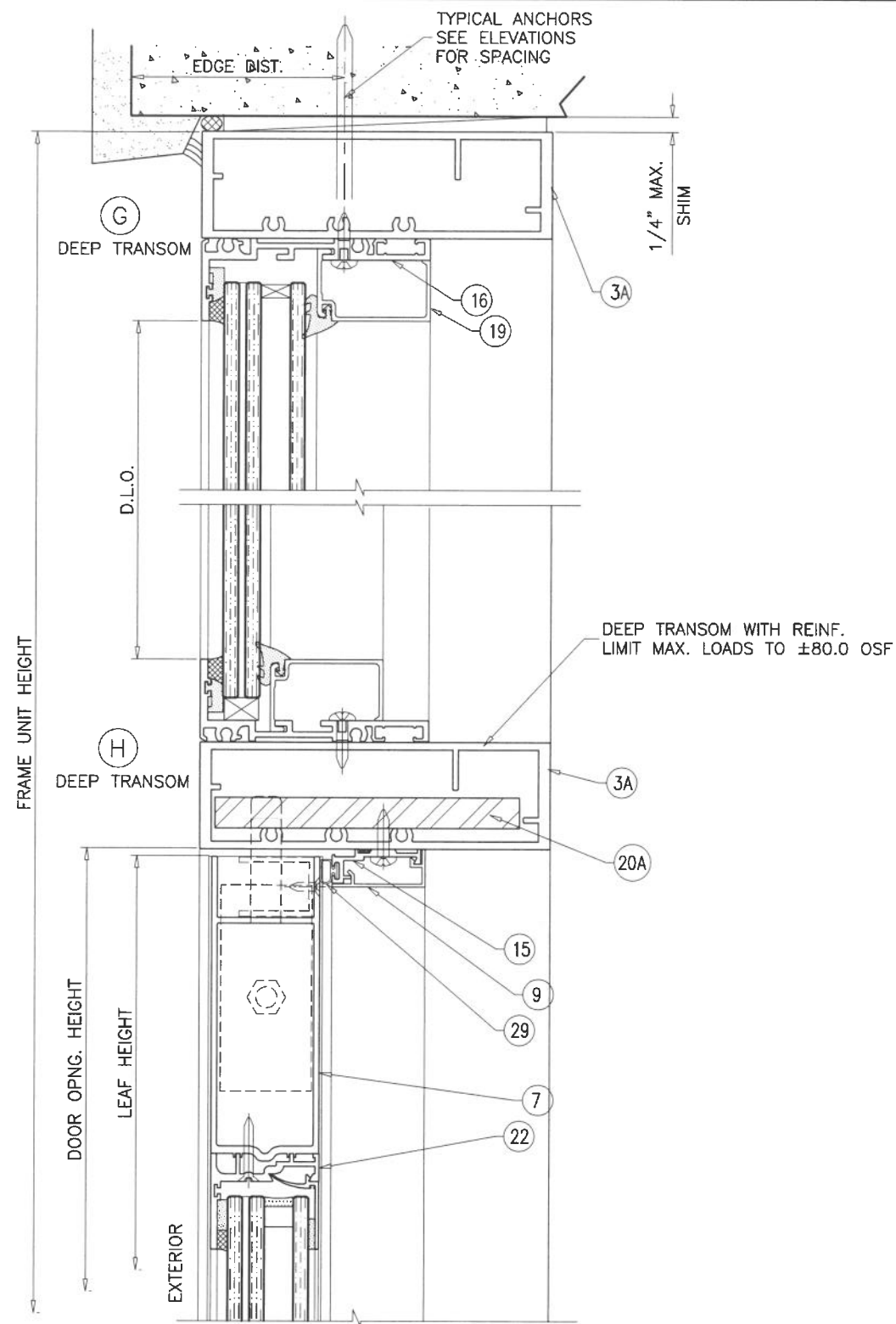
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FL #17682

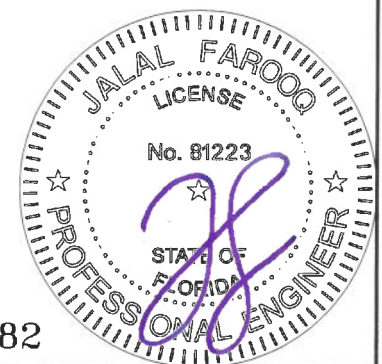


FL #17682

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drawing no.			
21-38F			
sheet 13 of 22			



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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

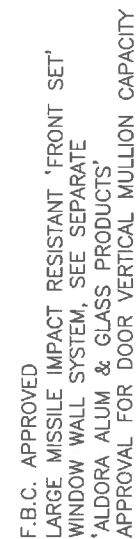
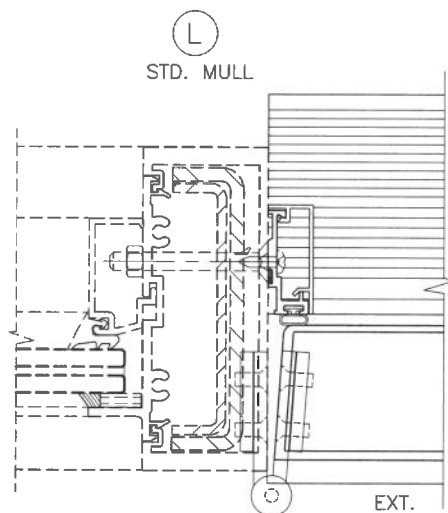
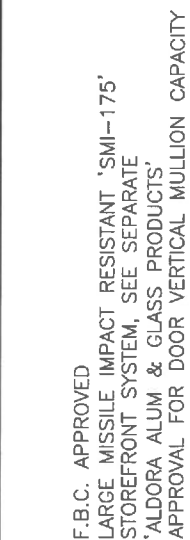
Aldora Aluminum & Glass Products Inc.

4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065

784 0000

Tel. (954) 784-6900 Fax. (954) 784-6901

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FL #17682

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
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Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

date: 05-04-21		revisions:	
scale: $\frac{3}{8}'' = 1''$	no	date	by
dr. by: TARIQ			
chk. by:			
drawing no.			
21-38F			
sheet 14 of 22			

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date: 05-04-21		revisions:	
scale: -	no	date	by description
dr. by: TARIQ			
chk. by:			
drawing no.			
21-38F			
sheet 15 of 22			

LOCK OPTIONS:
PANIC EXIT DEVICE

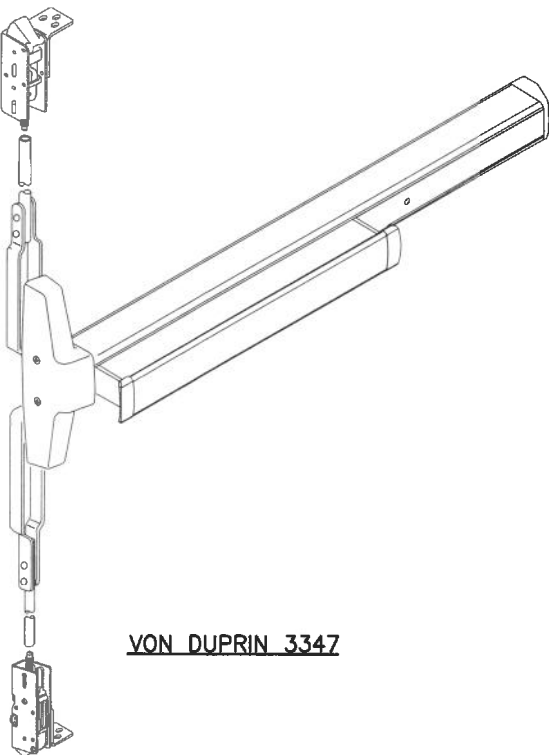
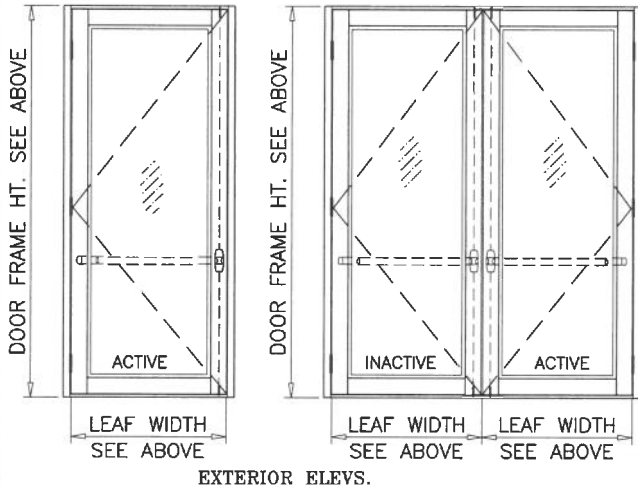
OPTION #5:

PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 98 IN.
MAX. LEAF WIDTH = 36 IN.
MAX. DESIGN LOAD = 90 PSF

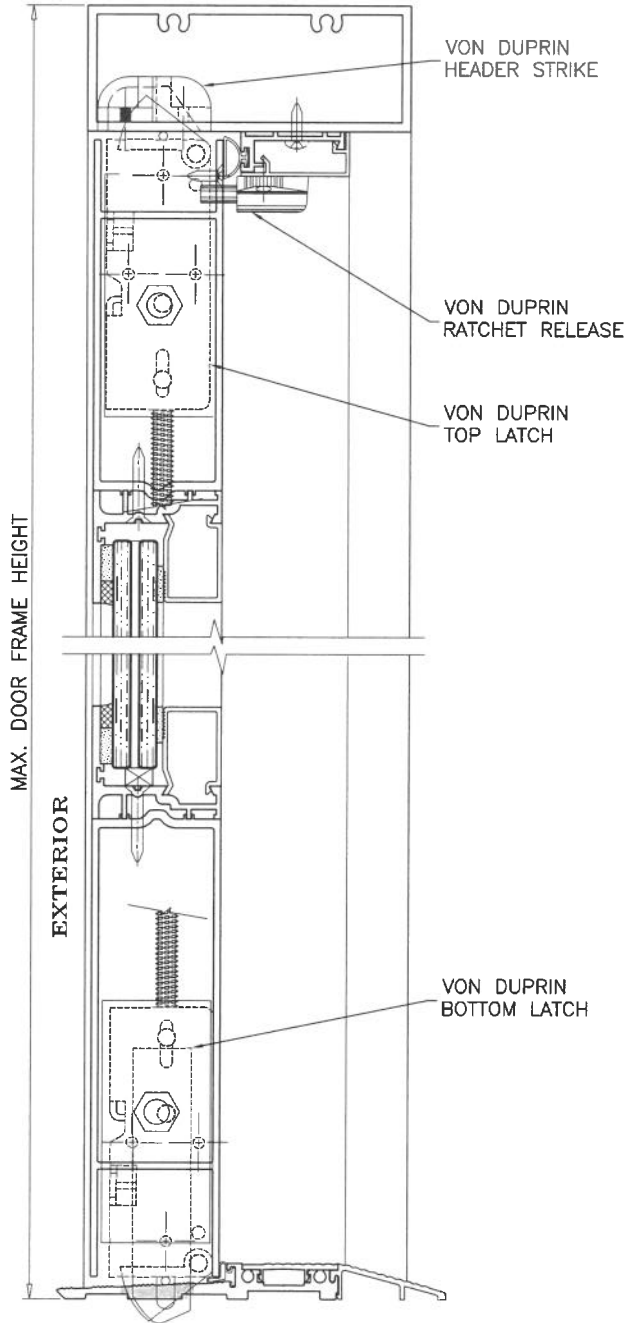
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 85 3/4 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 90 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 3347
BY 'VON DUPRIN' LOCATED AT 40" FROM SILL
AT EACH LEAF.
FASTENED WITH
(2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



VON DUPRIN 3347



CONCRETE TO BE DRILLED OUT
FOR PANIC LATCHES AT SILL

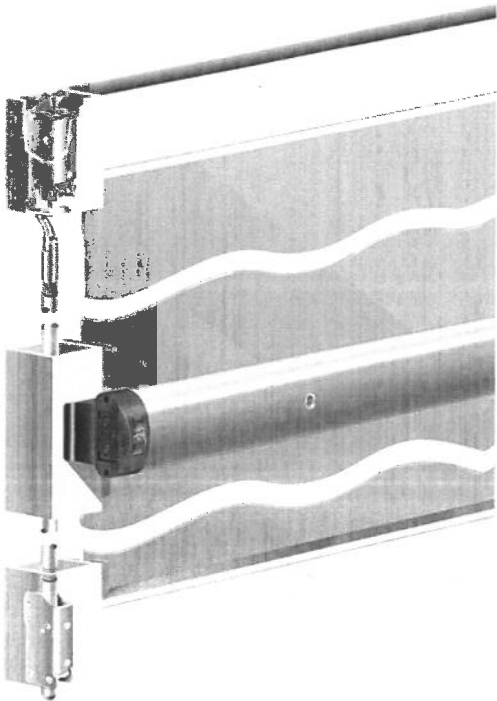
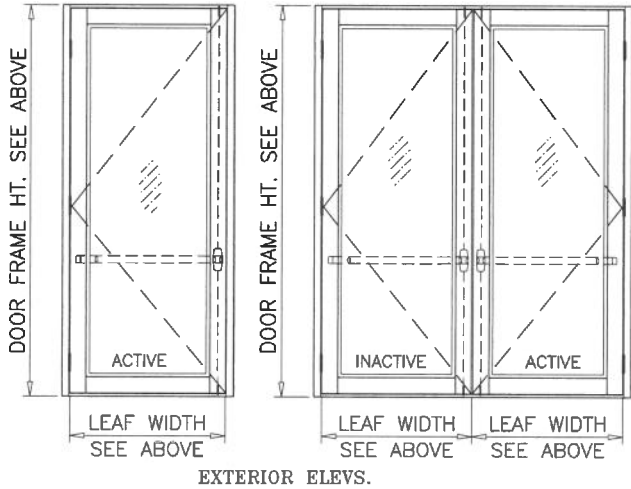
PANIC EXIT DEVICE

OPTION #6:

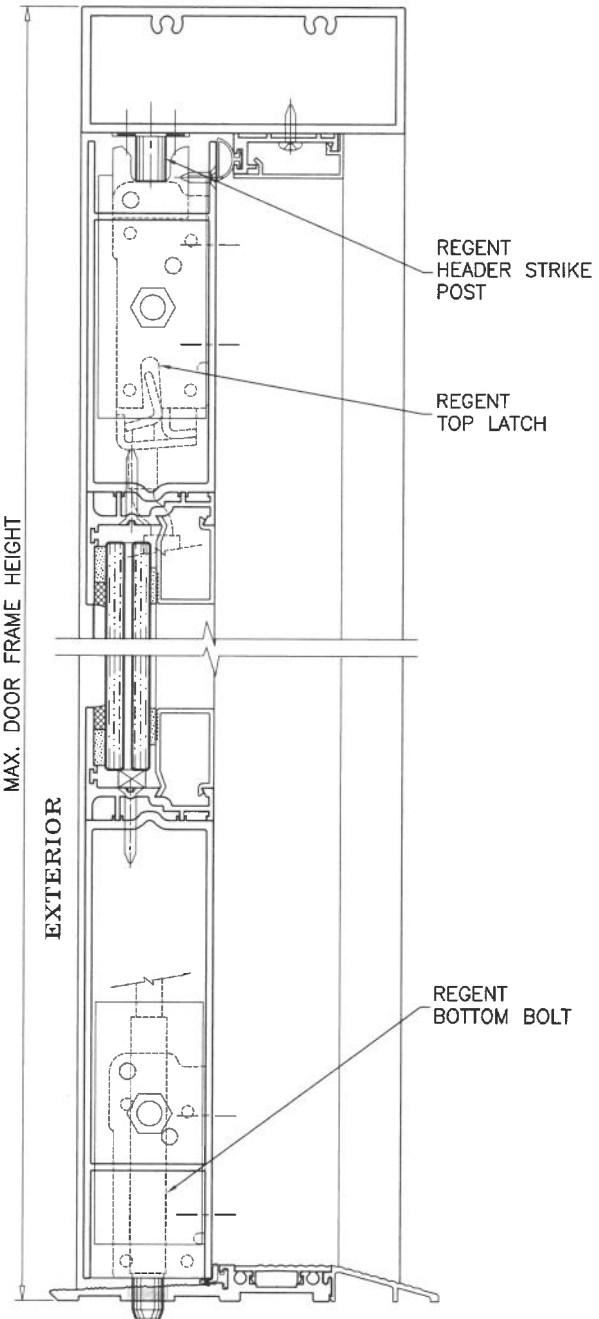
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 100 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE # 5770 BY
'REGENT HARDWARE' LOCATED AT 40"
FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #10 X 3/8" FH SELF DRILLING SCREW AT ONE END AND
(2) #10 X 1/2" FH SELF DRILLING SCREWS AT OTHER END



REGENT 5770



Sealed: 8/10/2026

FL #17682

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 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:		by description	
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dr. by:	TARIQ		
chk. by:			
drawing no.		21-38F	
sheet 16 of 22			

COMP-ANL\21-38F-AAG

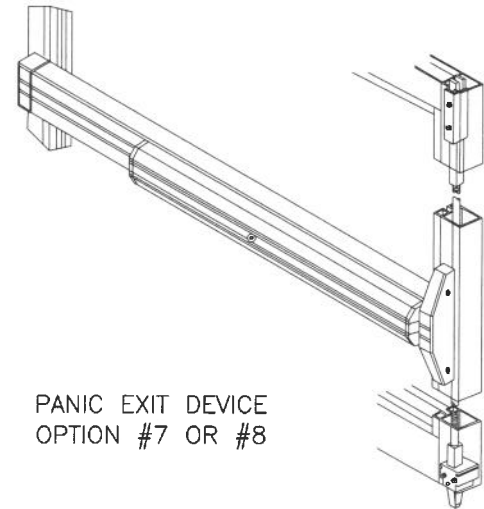
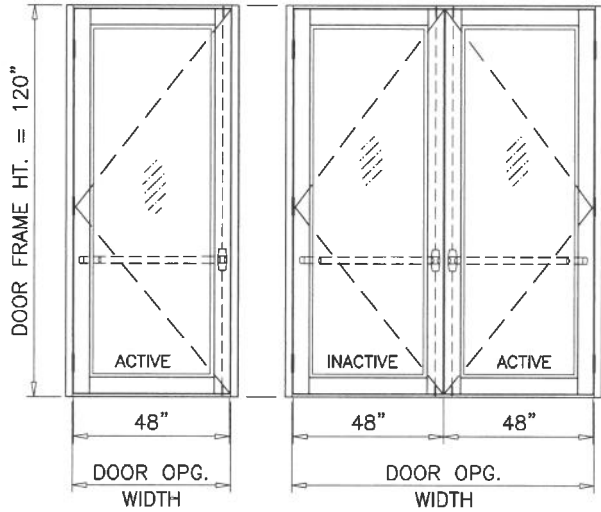
LOCK OPTIONS:
PANIC EXIT DEVICE

OPTION #7:

PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 100 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 8400 BY
'SARGENT ASSA ABLOY' LOCATED AT 40"
FROM SILL AT EACH LEAF.
FASTENED WITH
(2) #12 X 1" HH SELF DRILLING SCREW AT ONE END AND
(2) #14 X 3/4" PH SELF DRILLING SCREWS AT OTHER END



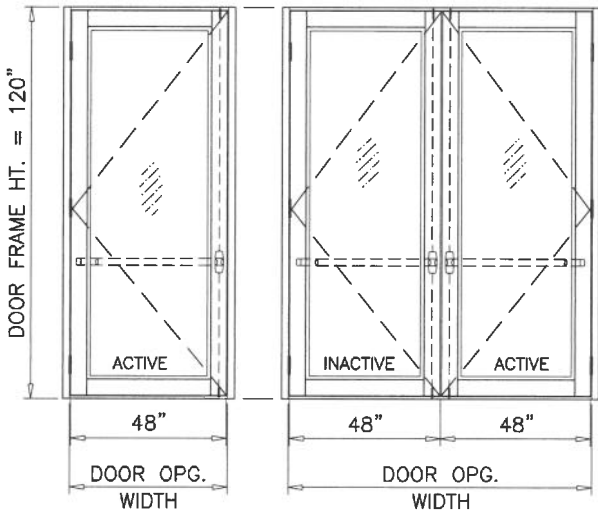
PANIC EXIT DEVICE
OPTION #7 OR #8

OPTION #8:

PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 100 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE # G86 BY
'ADAMS RITE' LOCATED AT 40" FROM SILL
AT EACH LEAF.
FASTENED WITH
(2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



OPTION #9:

ELECTRIC KEY PAD W/ DEAD BOLT
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 100.0 PSF

ACTIVE LEAF:

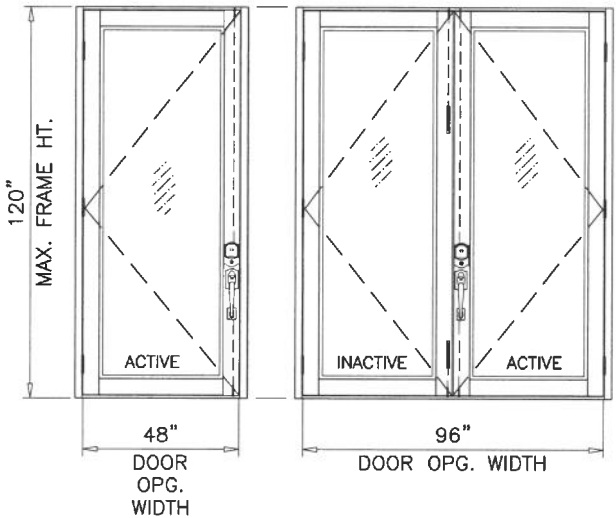
'ENCODE PLUS SMART WIFI DEAD BOLT' BY
'SCHLAGE' AT 36" FROM BOTTOM
WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM
FASTENED WITH
(2) #8-32 X 1/4" PH MACHINE SCREWS

CUSTOM CAMELOT FRONT ENTRY HANDLE
WITH LEVER BY 'SCHLAGE'

INACTIVE LEAF:

2 POINT LOCK OPTIONS 1, 1A, 2 AND 3
(SEE SHEET 15 FOR DESCRIPTION)

OPTIONAL:
CONCEALED FLUSH BOLTS AT TOP & BOTTOM



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FL #17682

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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 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

Aldora Aluminum & Glass Products Inc.

4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065

Tel. (954) 784-6900 Fax. (954) 784-6901

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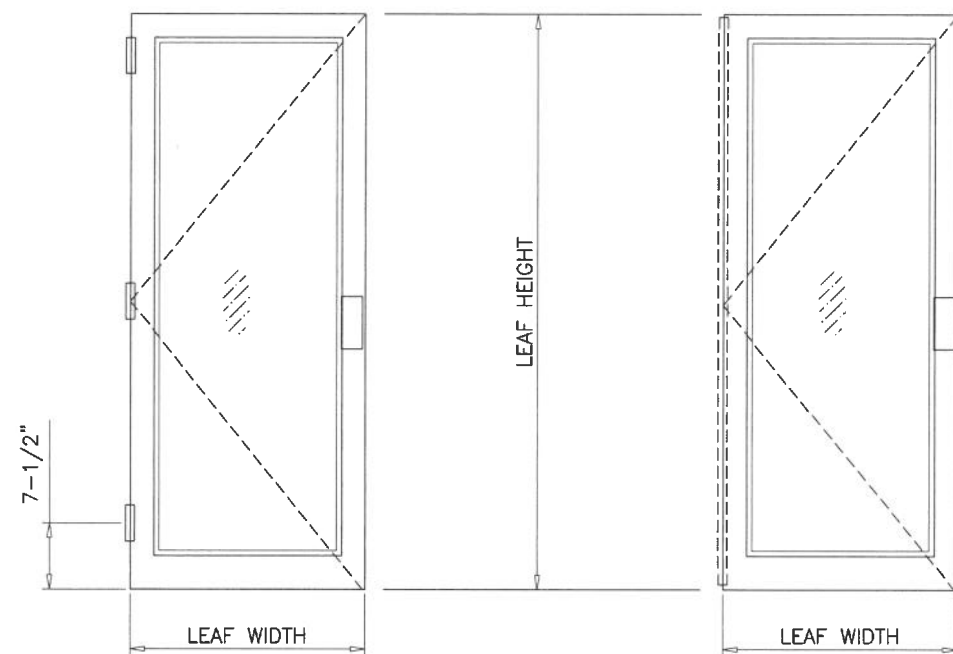
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21-38F

sheet 17 of 22

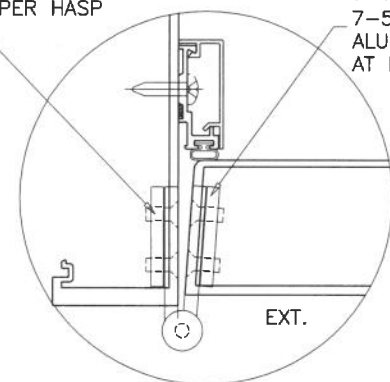
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DOOR FRAME NOT SHOWN FOR CLARITY



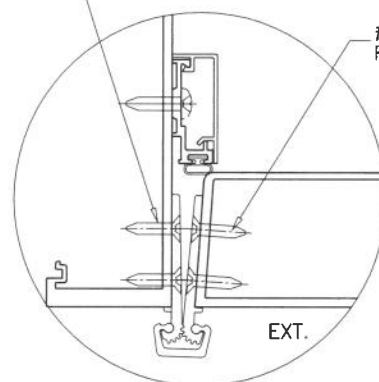
12-24 X 1/2"
FH MACHINE SCREWS
4 PER HASP

1-1/2" X 1/4" THK.
7-5/16" LONG
ALUMINUM REINFORCING
AT HINGE LOCATIONS



12-24 X 1/2"
FH MS

12-24 X 1/2"
FH MS



HINGE OPTIONS:

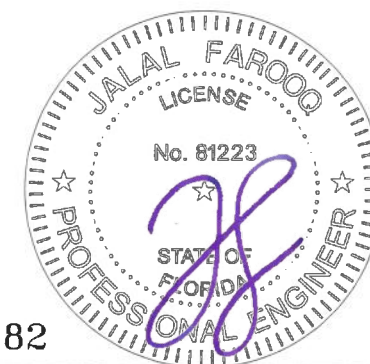
BUTT HINGES

4-1/2" LONG BUTT HINGES REGENT #4001
OR IDH #B10445R ST/ST
(3) PER LEAF, 7-1/2" FROM TOP AND BOTTOM
AND AT MIDSPAN
FASTENED TO FRAME JAMB WITH
(4) #12-24 X 1/2" FH MS
AND TO LEAF STILE WITH
(4) #12-24 X 1/2" FH MS

SURFACE MOUNT GEARED HINGE

CONTINUOUS ALUMINUM GEARED HINGE
PEMCO FM-SLI
FASTENED TO FRAME JAMB AND TO JAMB STILE
WITH (22) #12-24 X 1/2" FH MS SCREWS

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4250 Coral Ridge Drive, Suite 101
Coral Springs, FL. 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

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no	date	no	date

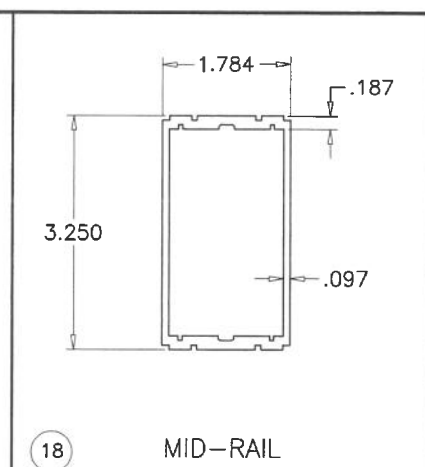
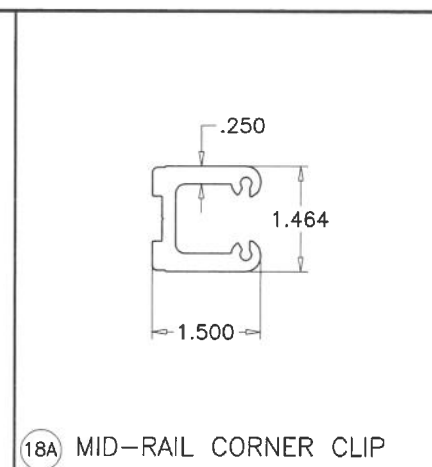
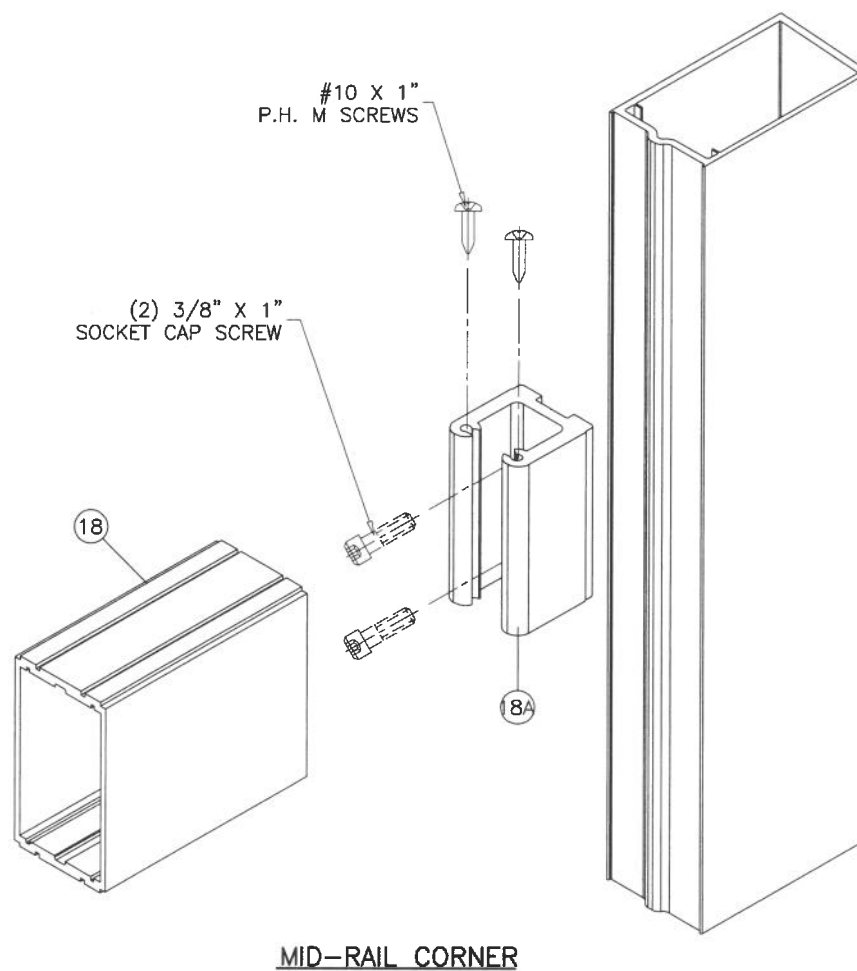
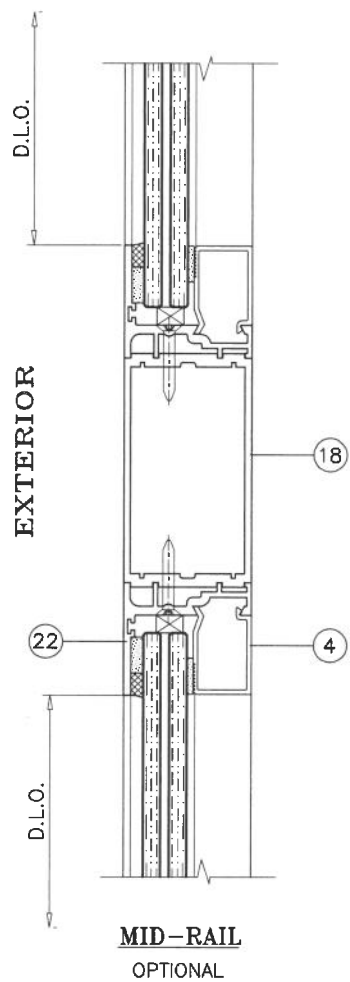
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dr. by: TARIQ
chk. by:

drawing no.

21-38F

sheet 18 of 22

COMP-ANL\21-38F-AAG

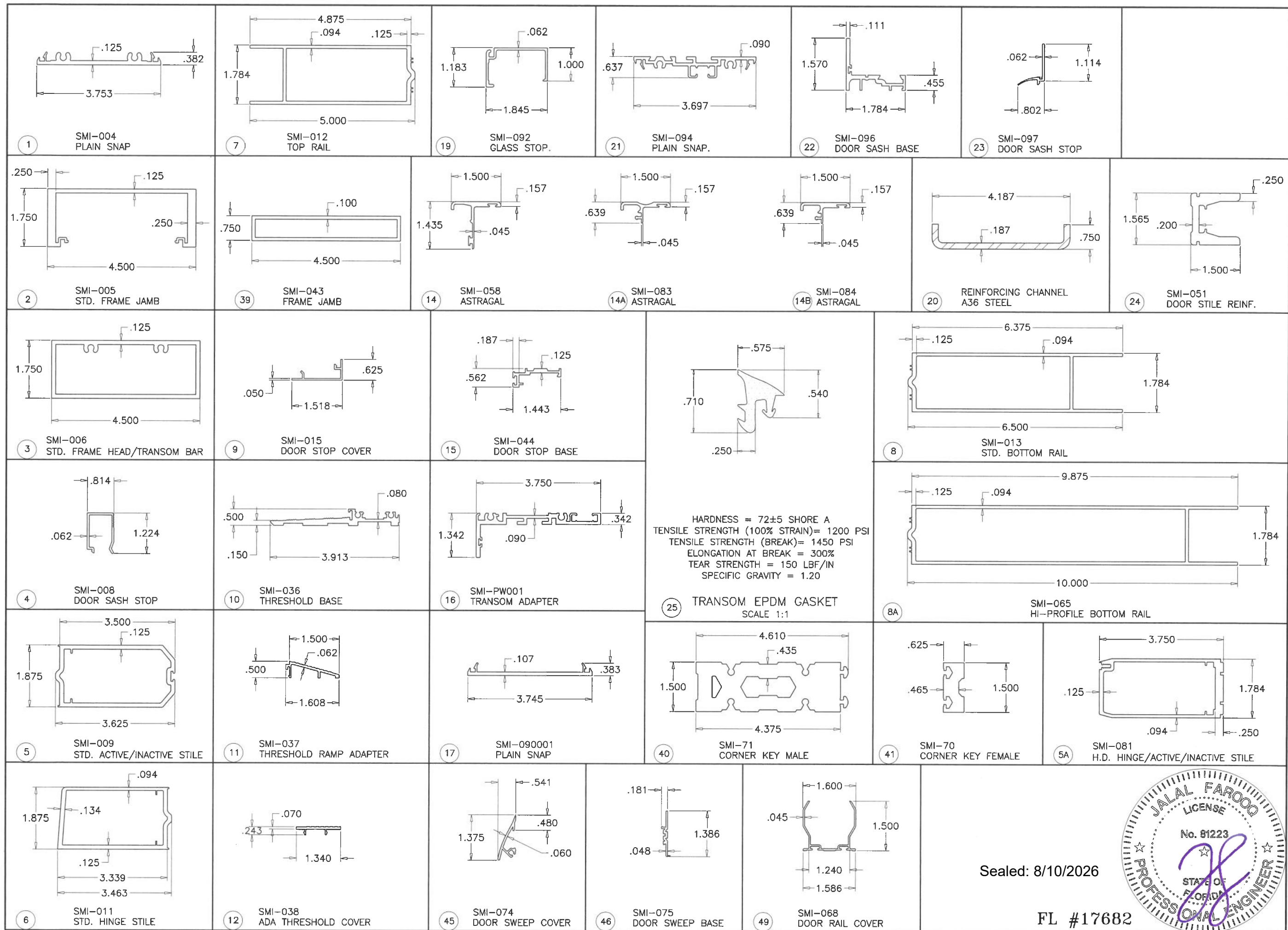


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FL #17682



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 COMP-ANL\21-38F-AAG	
SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.) Aldora Aluminum & Glass Products Inc. 4250 Coral Ridge Drive, Suite 101 Coral Springs, FL. 33065 Tel. (954) 784-6900 Fax. (954) 784-6901	
revisions: no. date by description	date: 05-04-21 scale: 3/8" = 1" dr. by: TARIQ chk. by:
drawing no. 21-38F sheet 19 of 22	



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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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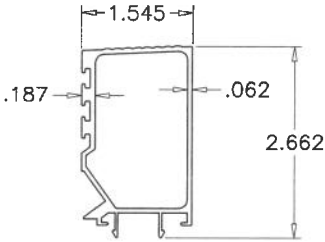
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FL #17682

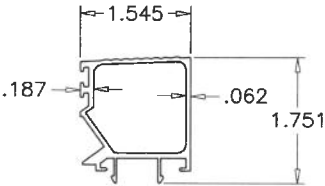
drawing no. 21-38F
sheet 20 of 22

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

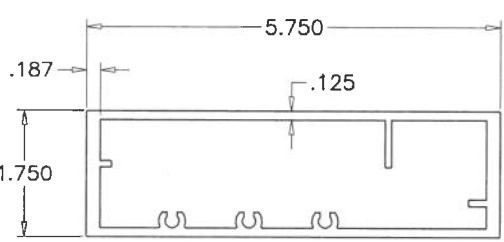
ITEM #	PART #	REQ'D	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI-004	AS REQ'D	PLAIN SNAP	6063-T6	-
2	SMI-005	AS REQ'D	STD. FRAME JAMB	6063-T6	-
2A	SMI-078	AS REQ'D	DEEP FRAME JAMB	6063-T6	-
3	SMI-006	AS REQ'D	STD. FRAME HEAD/TRANSOM BAR	6063-T6	-
3A	SMI-077	AS REQ'D	STD. FRAME HEAD/TRANSOM BAR	6063-T6	-
4	SMI-008	AS REQ'D	DOOR SASH STOP	6063-T6	-
5	SMI-009	AS REQ'D	STD. ACTIVE/INACTIVE STILE	6063-T6	-
5A	SMI-081	AS REQ'D	H.D. HINGE STILE, ACTIVE/INACTIVE STILE	6063-T6	-
6	SMI-011	AS REQ'D	STD. HINGE STILE	6063-T6	-
7	SMI-012	AS REQ'D	TOP RAIL	6063-T6	-
8	SMI-013	AS REQ'D	BOTTOM RAIL (STD.)	6063-T6	-
8A	SMI-065	AS REQ'D	BOTTOM RAIL (HI-RISE)	6063-T6	-
9	SMI-015	AS REQ'D	DOOR STOP COVER	6063-T6	-
10	SMI-036	AS REQ'D	THRESHOLD BASE	6063-T6	-
11	SMI-037	AS REQ'D	THRESHOLD RAMP ADAPTOR	6063-T6	-
12	SMI-038	AS REQ'D	ADA THRESHOLD COVER	6063-T6	-
13	SMI-039	AS REQ'D	HI-RISE THRESHOLD COVER	6063-T6	-
13A	SMI-066	AS REQ'D	MID-RISE THRESHOLD COVER	6063-T6	-
14	SMI-058	AS REQ'D	ASTRAGAL	6063-T6	-
14A	SMI-083	AS REQ'D	ASTRAGAL	6063-T6	-
14B	SMI-084	AS REQ'D	ASTRAGAL	6063-T6	-
15	SMI-044	AS REQ'D	DOOR STOP BASE	6063-T6	-
16	SMI-PW001	AS REQ'D	TRANSOM ADAPTER	6063-T6	-
17	SMI-090001	AS REQ'D	PLAIN SNAP	6063-T6	-
18	SMI-046	AS REQD.	MID-RAIL	6063-T6	OPTIONAL
18A	SMI-105	2	MID-RAIL CORNER CLIP	6005-T5	-
19	SMI-092	AS REQ'D	GLASS STOP	6063-T6	-
20	-	AS REQD.	REINFORCING CHANNEL (TRANSOM)	A36 STEEL	-
20A	-	AS REQD.	REINFORCING BAR (TRANSOM)	A36 STEEL	-
21	SMI-094	AS REQ'D	PLAIN SNAP	6063-T6	-
22	SMI-096	AS REQ'D	DOOR SASH BASE	6063-T6	-
23	SMI-097	AS REQ'D	DOOR SASH STOP	6063-T6	-
24	SMI-051	AS REQ'D	DOOR STILE ALUM. REINF. FULL LENGTH	6005-T5	-
25	SMI-G01	AS REQ'D	TRANSOM GASKET (⊙ INTERIOR)	EPDM	TREMCO
26	SMI-G12	AS REQ'D	DOUBLE FACE FOAM TAPE (3/16" X 1/2")	VINYL FOAM	FRANK LOWE
27	SMI-G07	AS REQ'D	GASKET (⊙ EXTERIOR)	SANTOPRENE	CENTRAL PLASTICS, INC.
28	SMI-G11	AS REQ'D	SINGLE FACE FOAM TAPE (1/8" X 1/2")	VINYL FOAM	FRANK LOWE
29	SMI-B01	AS REQ'D	.385 DIA. BULB W'STRIPPING	RIGID PVC	CENTRAL PLASTICS, INC.
29A	SMI-G20	AS REQ'D	FLAP W'STRIPPING	VINYL	PEMKO
30	SMI-B03	AS REQ'D	PUSH-IN, DOOR PERIMETER SEALING.	RIGID PVC	CENTRAL PLASTICS, INC.
31	SMI-SB03	2 PER GL.	SETTING BLOCKS (1/4" X 3/8" X 4" LG.) AT 1/4 POINTS	EPDM	TREMCO, DUROMETER 80±5 SHORE A
32	SMI-SB05	2 PER GL.	SETTING BLOCKS (1/4" X 1 3/16" X 4" LG.) AT 1/4 POINTS	EPDM	TREMCO, DUROMETER 80±5 SHORE A
33	SMI-SB06	2 PER GL.	SETTING BLOCKS (3/8" X 5/8" X 4" LG.) AT 1/4 POINTS	EPDM	TREMCO, DUROMETER 80±5 SHORE A
34	SMI-SB04	AS REQ'D	SETTING BLOCK (3/8" X 1 1/4" X 4" LG.) AT 1/4 POINTS	EPDM	TREMCO, DUROMETER 80±5 SHORE A
35	SMI-W01	AS REQ'D	WOOL PILE	PILE	ULTRAFAB
36	SMI-P06	AS REQ'D	LEAF SEAL	PLASTIC	ULTRAFAB (E224)
37	-	2/ LEAF	3/8" THREADED ROD WITH NUT	STEEL	-
38	-	2/ LEAF	SUPPORT PLATE (1-1/2" X 3-3/8" X 3/16")	ALUMINUM	-
39	SMI-043	AS REQ'D	FRAME JAMB	6063-T6	-
40	SMI-71	AS REQ'D	CORNER KEY MALE	6005-T5	-
41	SMI-70	AS REQ'D	CORNER KEY FEMALE	6005-T5	-
43	#12 X 1 1/2"	4/CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	HEX. HEAD MACHINE SCREW
44	SMI-B03	AS REQD.	PUSH-IN, DOOR PERIMETER SEALING	RIGID PVC	CENTRAL PLASTICS INC.
45	SMI-074	AS REQD.	DOOR SWEEP COVER	6063-T6	-
46	SMI-075	AS REQD.	DOOR SWEEP BASE	6063-T6	-
47	SMI-G19	AS REQD.	DOOR SWEEP GASKET	VINYL	MELTPPOINT PLASTICS
48	#8 X 3/4"	AS REQD.	DOOR SWEEP BASE FASTENERS	ST. STEEL	P. HD. PH SMS
49	SMI-068	AS REQD.	DOOR RAIL COVER	6063-T6	-
50	SMI-W01	AS REQD.	WOOL PILE	PILE	ULTRAFAB
51	#10 X 3/4"	2/ CORNER	THRESHOLD ASSEMBLY FASTENERS	ST. STEEL	PH SMS



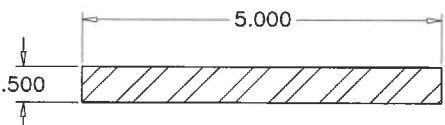
SMI-039
HI-RISE THRESHOLD COVER



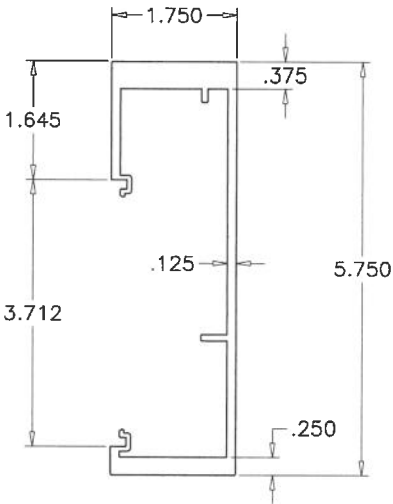
SMI-066
MID-RISE THRESHOLD COVER



SMI-077
DEEP FRAME HEAD/TRANSOM BAR



REINFORCING BAR
A36 STEEL



SMI-078
DEEP FRAME JAMB

SEALANTS:

ALL FRAME AND LEAF CORNERS AND INSTALLATION SCREWS
SEALED WITH SILICONE.



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FL #17682

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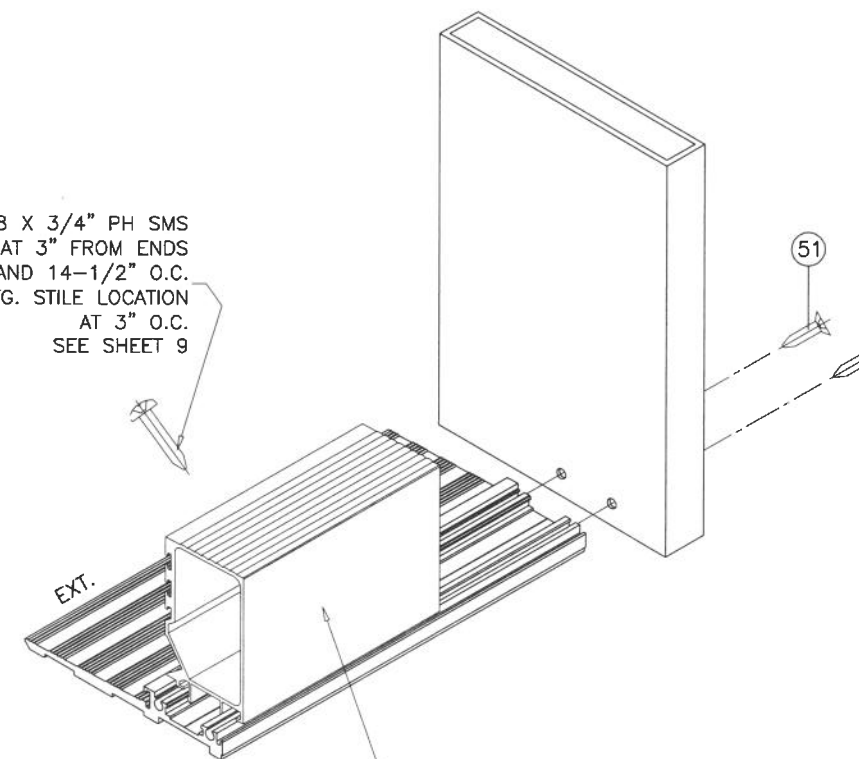
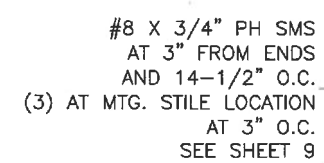
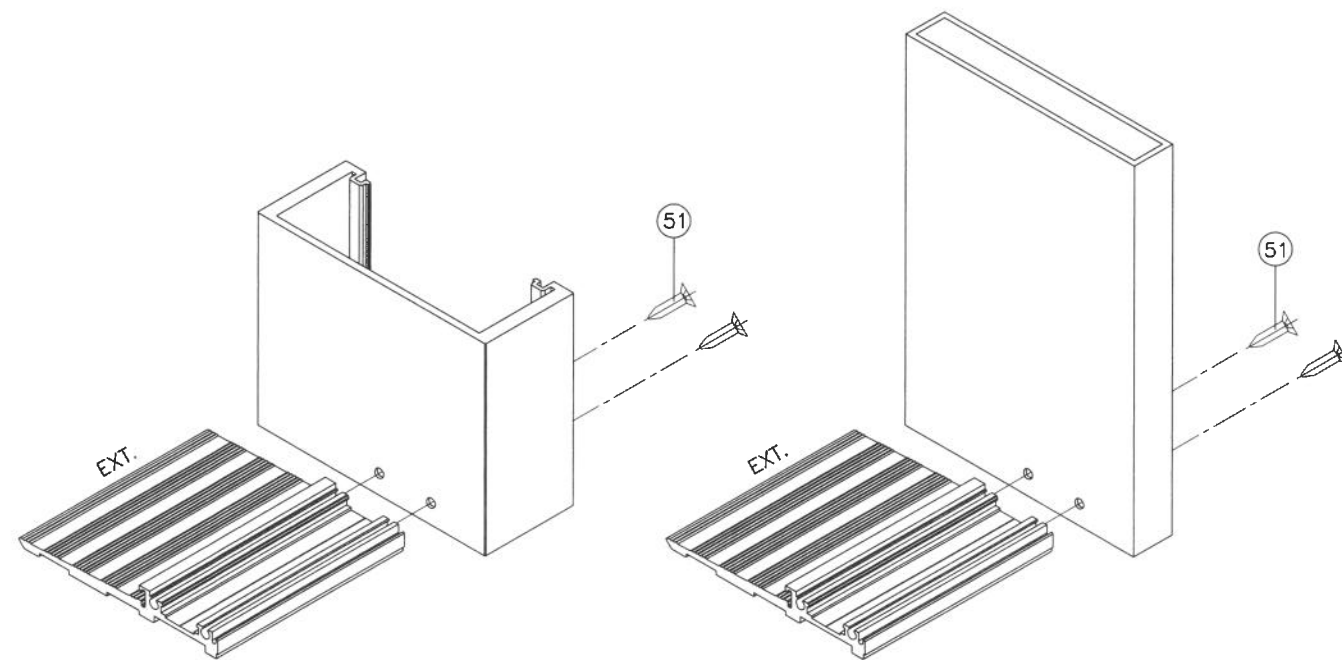
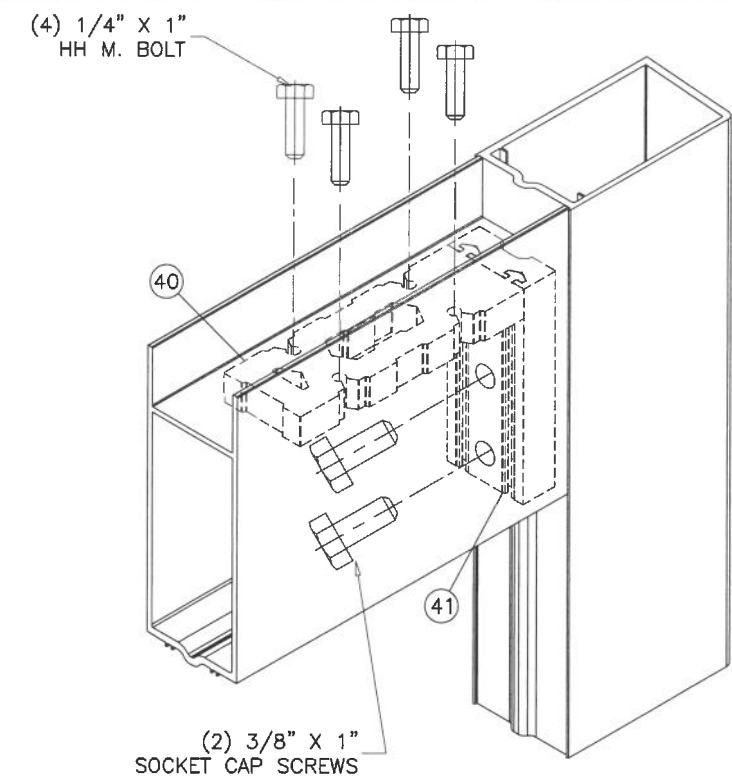
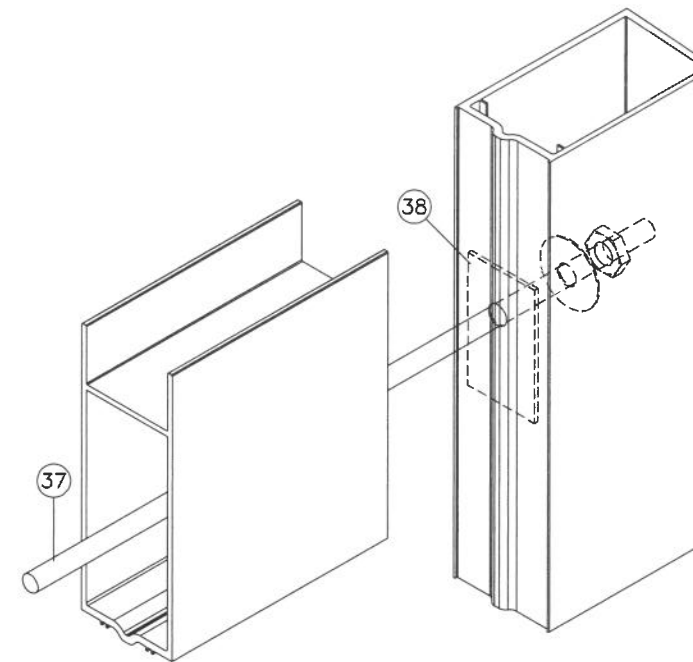
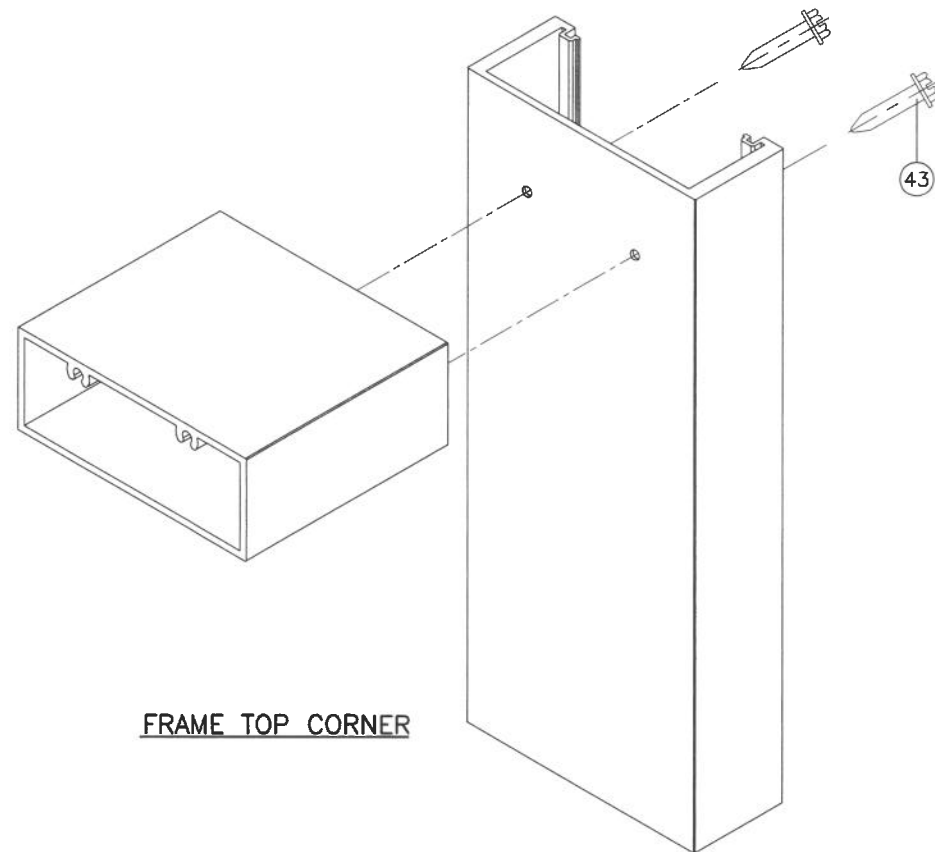
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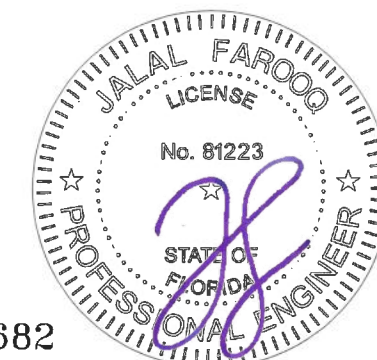
sheet 21 of 22

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