

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) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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

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

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

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

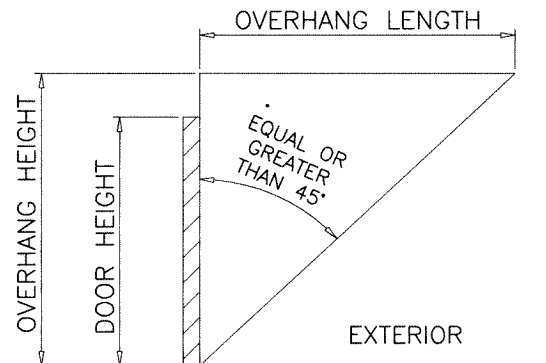
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

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.



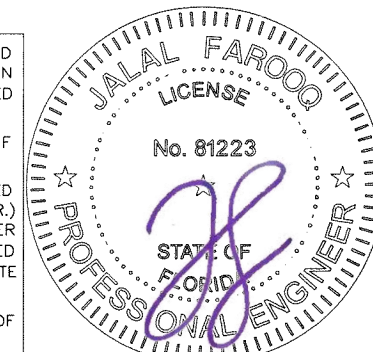
WATER INFILTRATION RESISTANCE IS NOT REQUIRED FOR DOORS PROTECTED BY AN OVERHANG AS SHOWN ABOVE OR DOORS LOCATED IN NON-HABITABLE AREAS.

LAMINATED GLASS
LAM. INSUL. GLASS
LARGE MISSILE IMPACT

Sealed: 3/25/2026

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.



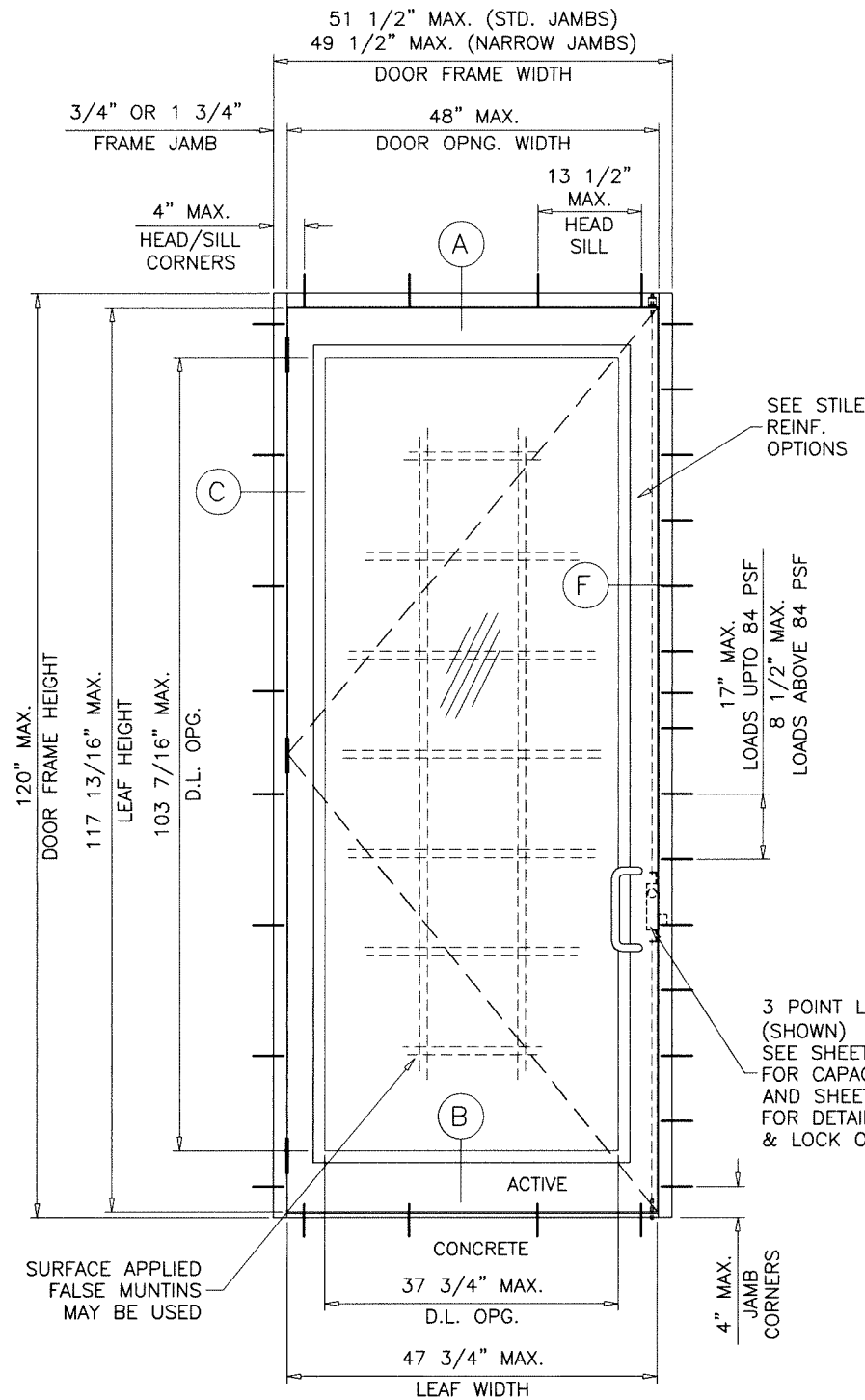
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\21-38F-AAG

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

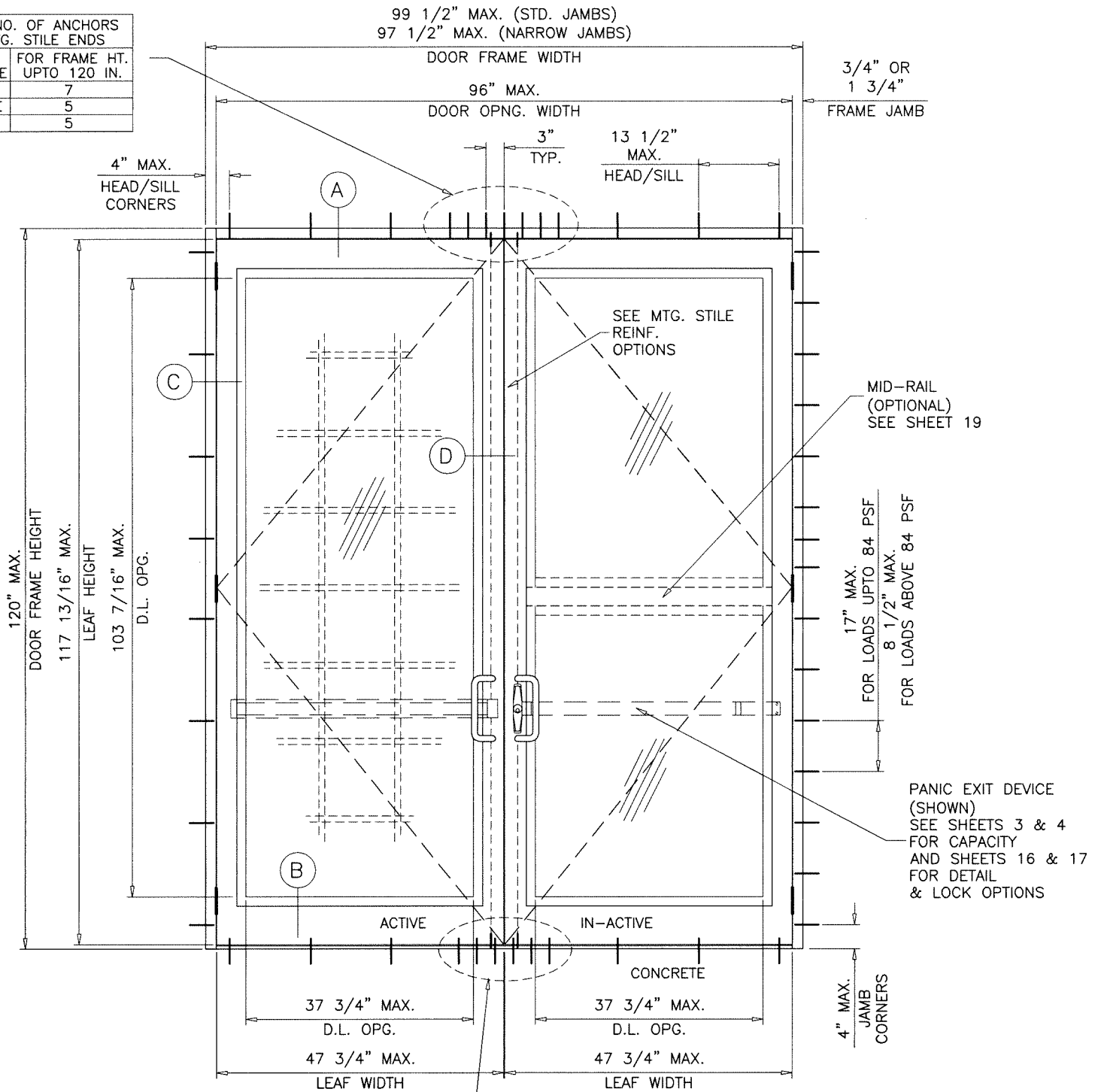
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D	05.22.24	ELECTRIC LOCK OPTION ADDED
E	10.15.24	LOCK OPTION REV.
F	02.20.26	GENERAL REVISION

date: 05-04-21
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no. **21-38F**
sheet 1 of 22



TOTAL NO. OF ANCHORS AT MTG. STILE ENDS	
SUBSTRATE	FOR FRAME HT. UPTO 120 IN.
WOOD	7
CONCRETE	5
METAL	5

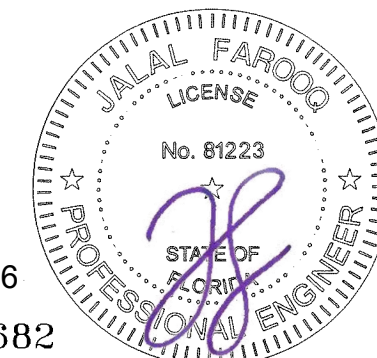


TYPICAL ELEVATIONS

FRAME WIDTH = DOOR OPNG. WIDTH + 3.500 (STD. JAMBS)
 = DOOR OPNG. WIDTH + 1.500 (NARROW JAMBS)
 LEAF HEIGHT = DOOR FRAME HEIGHT - 2.188"
 LEAF WIDTH (XX DOORS) = (DOOR OPNG. WIDTH - .250)/2 REGENT HINGES
 = (DOOR OPNG. WIDTH - .750)/2 ALUMINUM HINGES
 LEAF WIDTH (X DOORS) = DOOR OPNG. WIDTH - .187 REGENT HINGES
 = DOOR OPNG. WIDTH - .375 ALUMINUM HINGES
 GLASS DLO HEIGHT = LEAF HEIGHT - 14.375 (STD. BOTTOM RAIL)
 = LEAF HEIGHT - 19.375 (HI-PROFILE BOTTOM RAIL)
 GLASS DLO WIDTH = LEAF WIDTH - 10.000

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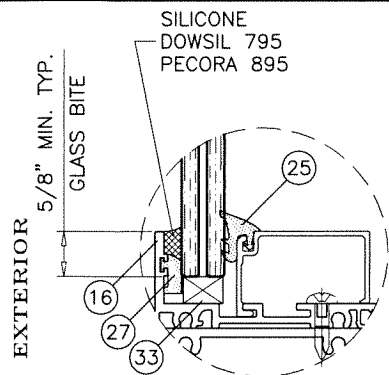
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revisions:	no	date	by	description

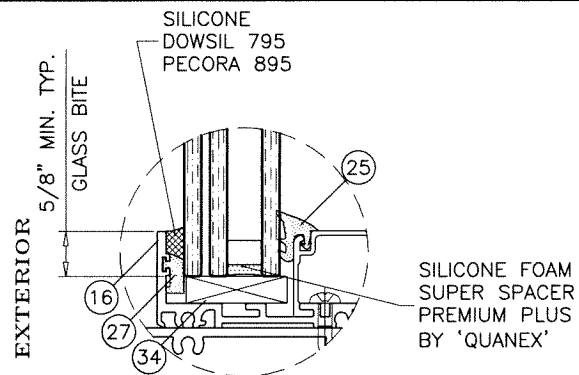
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drawing no.
21-38F
 sheet 2 of 22

GLAZING DETAILS LEVEL 'D' IMPACT

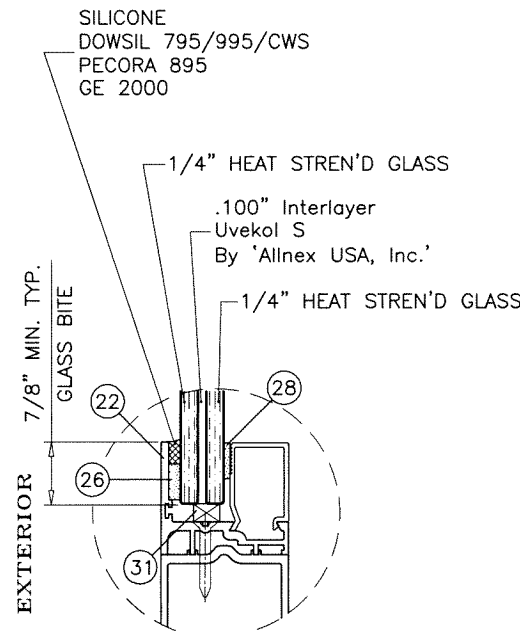


GLASS TYPES 'C', 'E' OR 'F'
9/16" LAM. GLASS

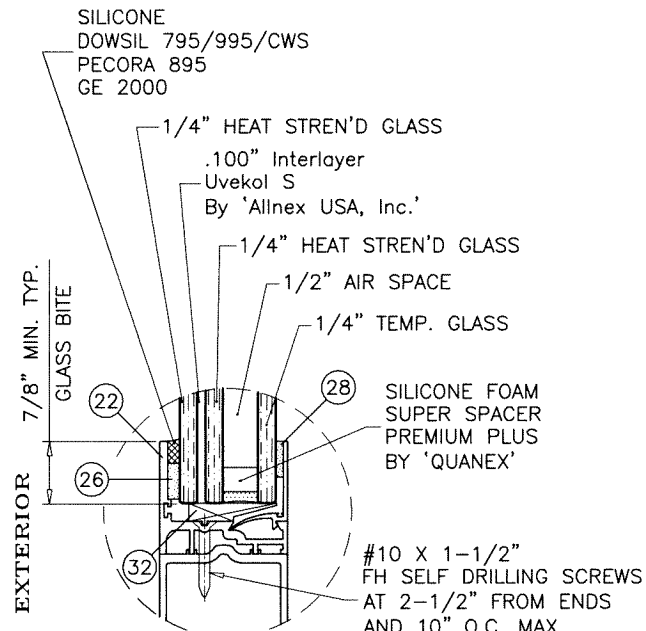


GLASS TYPE 'D' OR 'G'
1-5/16" OVERALL INSUL. LAM. GLASS

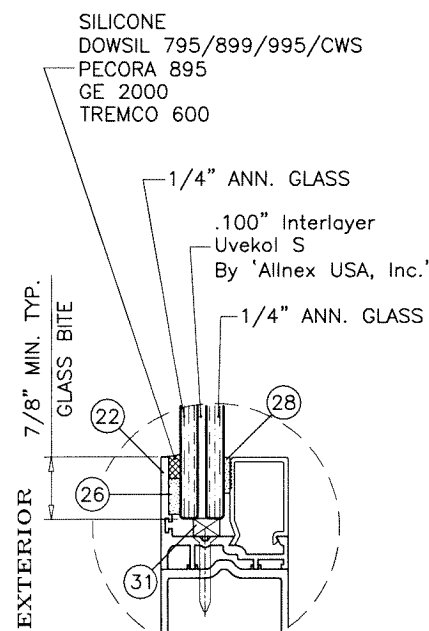
GLAZING DETAIL TRANSOM



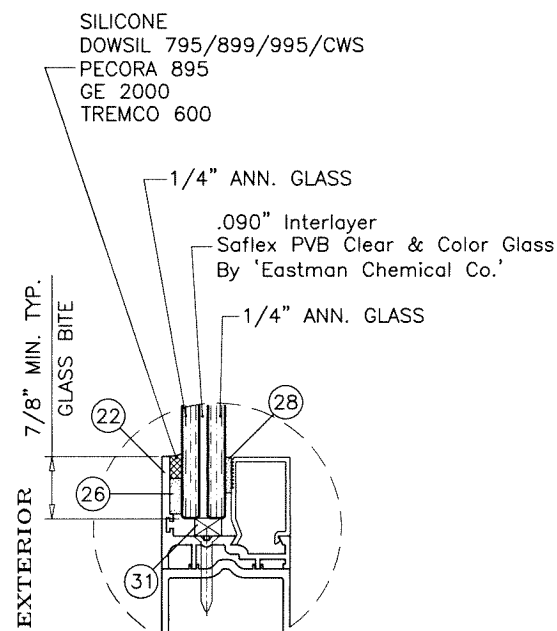
GLASS TYPE 'C'
9/16" LAM. GLASS



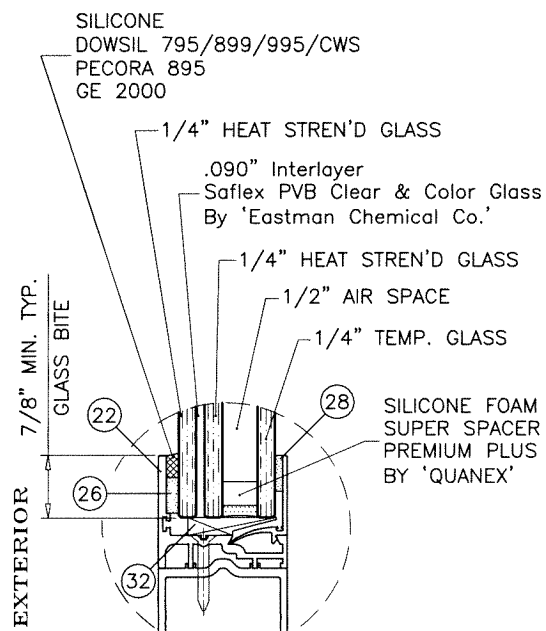
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1-5/16" OVERALL INSUL. LAM. GLASS



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

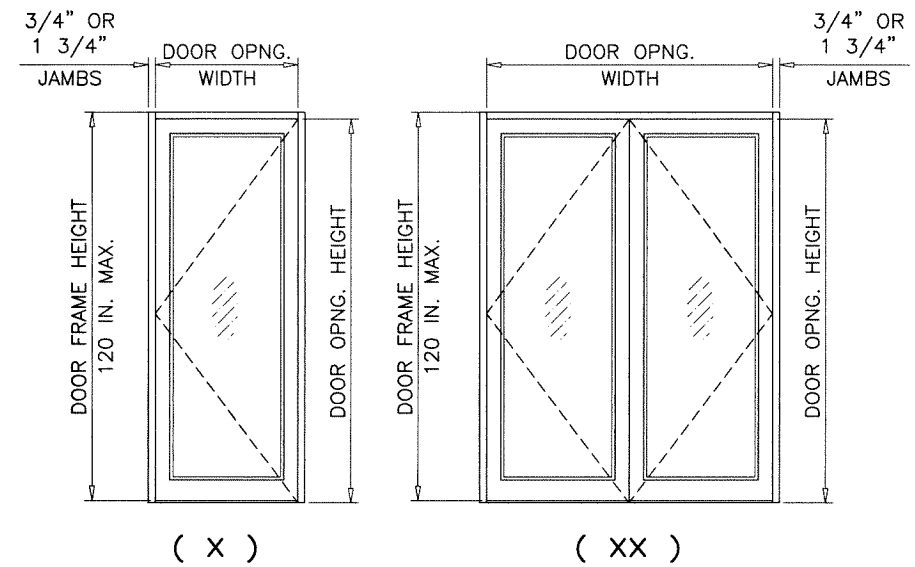


GLASS TYPE 'F'
9/16" LAM. GLASS



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

GLAZING DETAILS DOOR LEAF

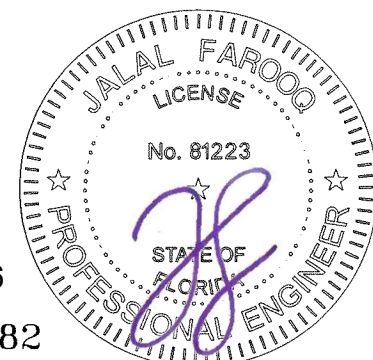


DESIGN LOAD CAPACITY - PSF (GLASS)							
DOOR OPNG. WIDTH INCHES	DOOR OPNG. WIDTH INCHES	FRAME HEIGHT INCHES	LOCK OPTIONS 1, 1A, 2, 3, 4, 5, 6, 7 & 8		LOCK OPTIONS 1, 1A, 2, 3, 7 & 8		
			*EXT.(+)	INT.(-)	*EXT.(+)	INT.(-)	
36	72	85-3/4	GLASS TYPES 'E', 'F' & 'G'		GLASS TYPES 'C' & 'D'		
			90.0	90.0	100.0	100.0	
48	96	85-3/4	90.0	90.0	100.0	100.0	
36	72	97-3/4	90.0	90.0	100.0	100.0	
			-	-	100.0	100.0	
48	96	97-3/4	-	-	100.0	100.0	
36	72	109-3/4	-	-	100.0	100.0	
			-	-	100.0	100.0	
48	96	109-3/4	-	-	100.0	100.0	
36	72	120	-	-	100.0	100.0	
			-	-	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 E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



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FL #17682

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COMP-ANL\21-38F-AAG

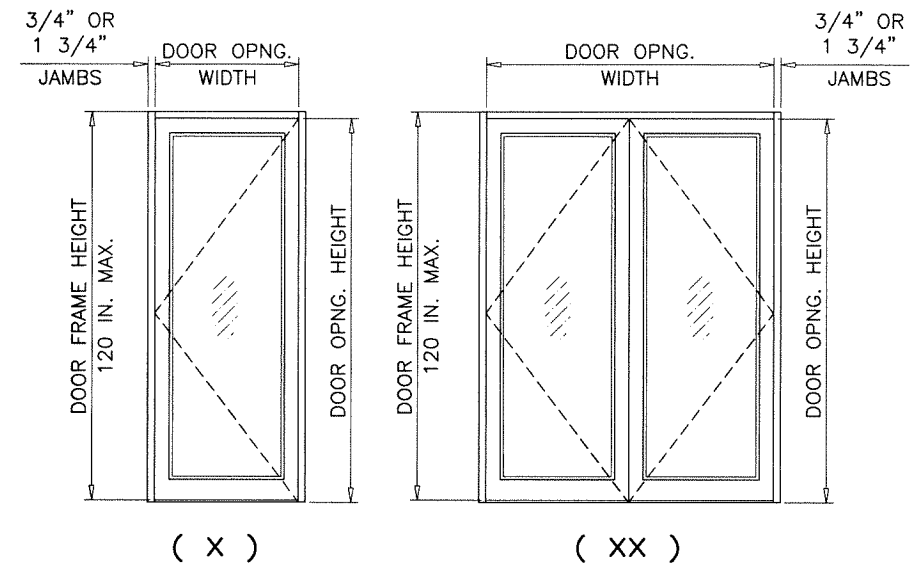
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revisions: no date by description

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

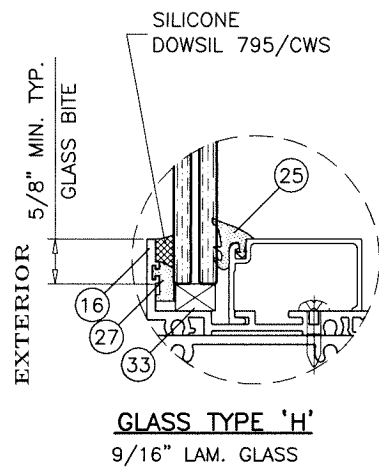


DESIGN LOAD CAPACITY - PSF (GLASS)						
SINGLE (X)	DOUBLE (XX)	FRAME HEIGHT INCHES	LOCK OPTIONS 1, 1A, 2, 3, 4, 5, 6, 7 & 8		LOCK OPTIONS 1, 1A, 2, 3, 7 & 8	
			GLASS TYPE 'H' & 'Hi'		GLASS TYPES 'H' & 'Hi'	
DOOR OPNG. WIDTH INCHES	DOOR OPNG. WIDTH INCHES		*EXT.(+)	INT.(-)	*EXT.(+)	INT.(-)
36	72	85-3/4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

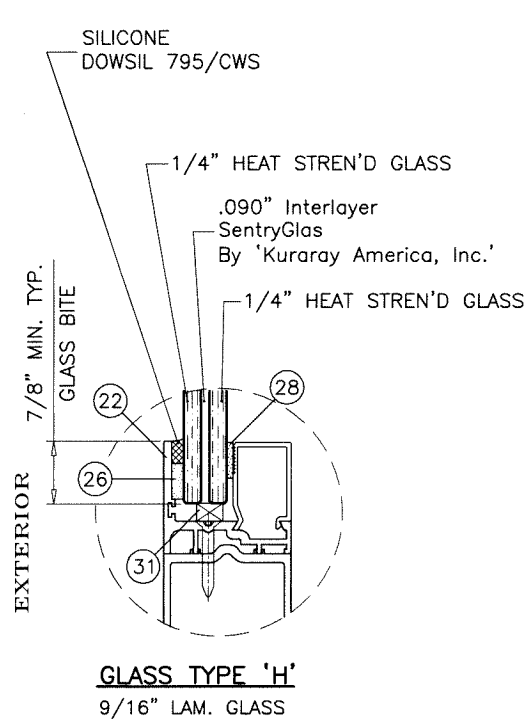
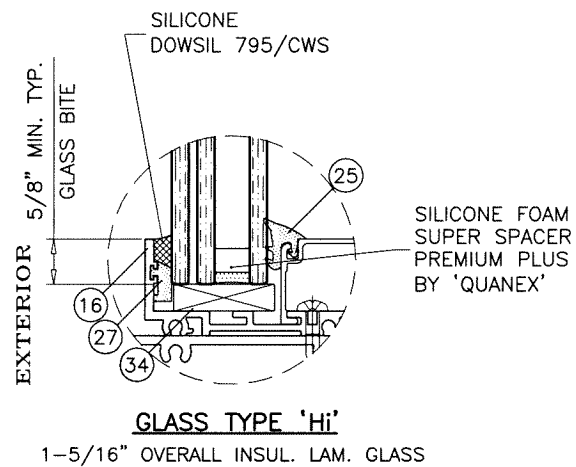
NOTE: DOOR OPNG HEIGHT = DOOR FRAME HEIGHT - 1 3/4"

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

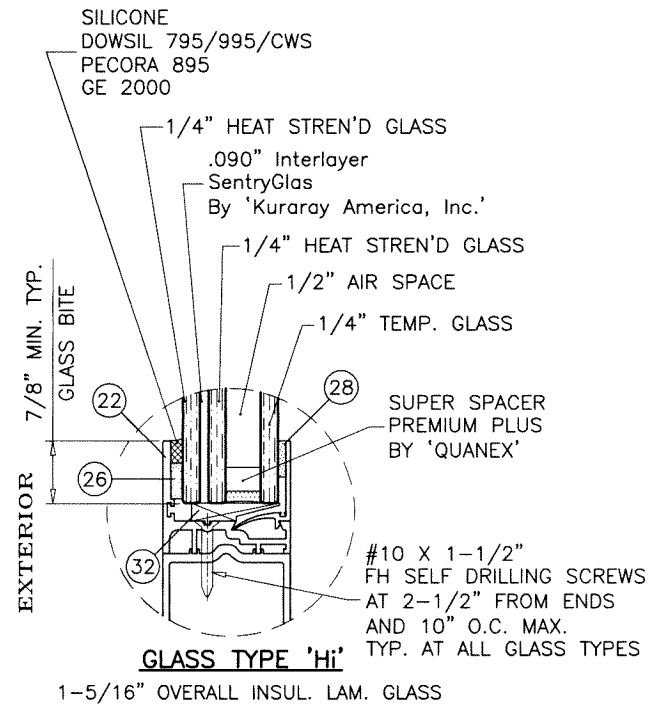
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GLAZING DETAIL TRANSOM



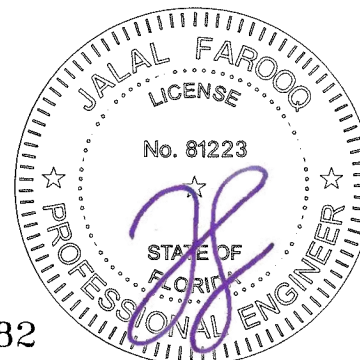
GLAZING DETAILS DOOR LEAF



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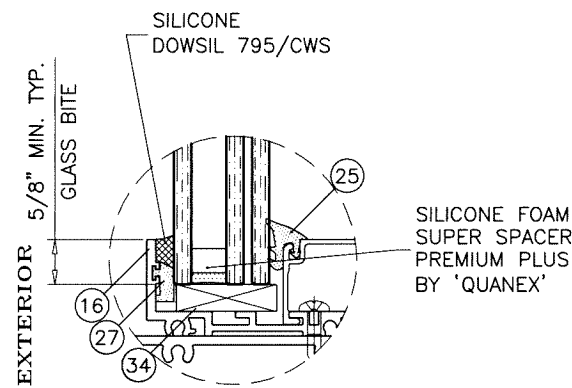
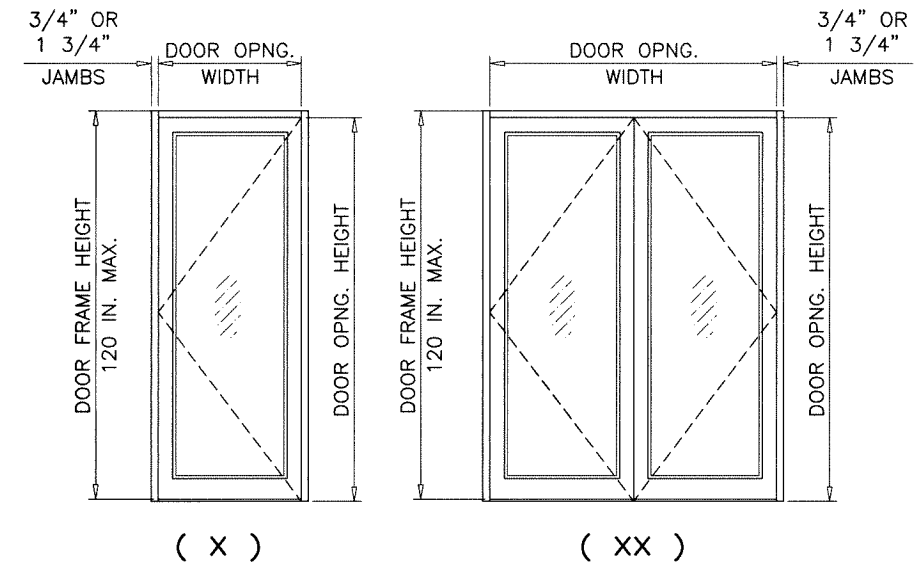
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dr. by:	TARIQ	chk. by:		
drawing no.	21-38F			
sheet	3.1 of 22			



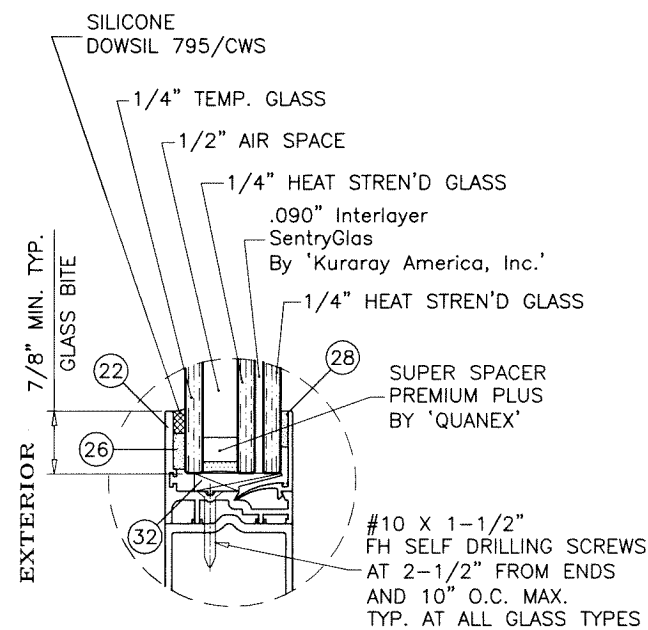
Sealed: 3/25/2026

FL #17682

GLAZING DETAILS LEVEL 'D' IMPACT



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



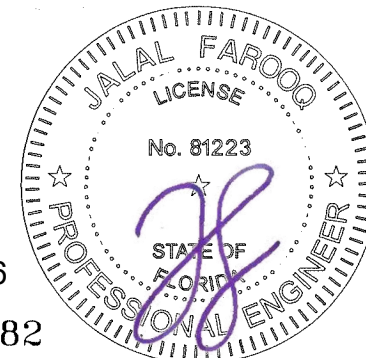
GLASS TYPE 'Bi'
1-5/16" OVERALL INSUL. LAM. GLASS
GLAZING DETAILS DOOR LEAF

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 E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



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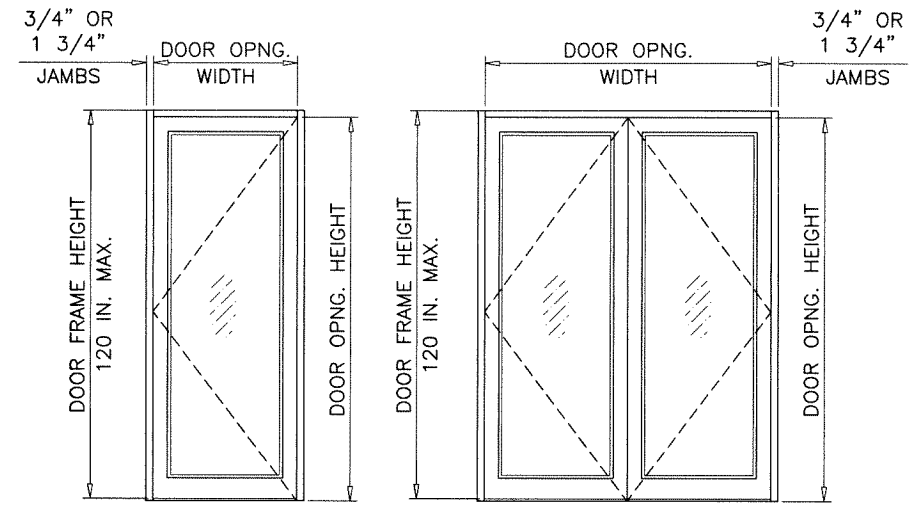
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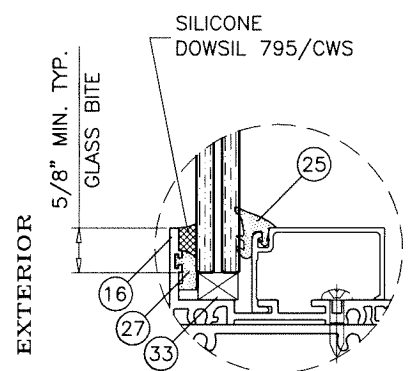
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drawing no.	21-38F		
sheet	3.2 of 22		

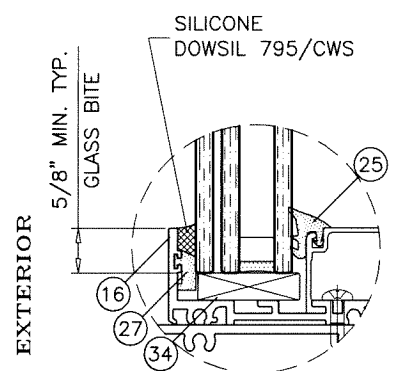
GLAZING DETAILS LEVEL 'E' IMPACT



(X) (XX)

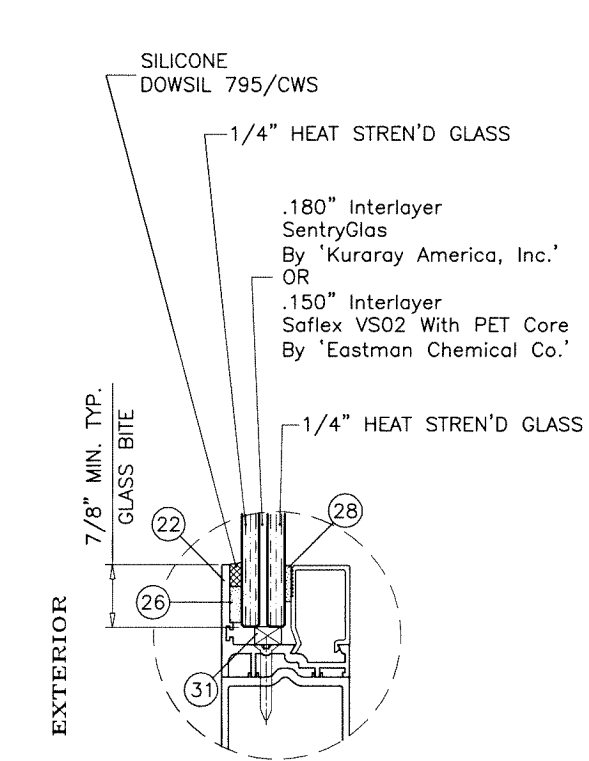


GLASS TYPES 'J'
9/16" LAM. GLASS

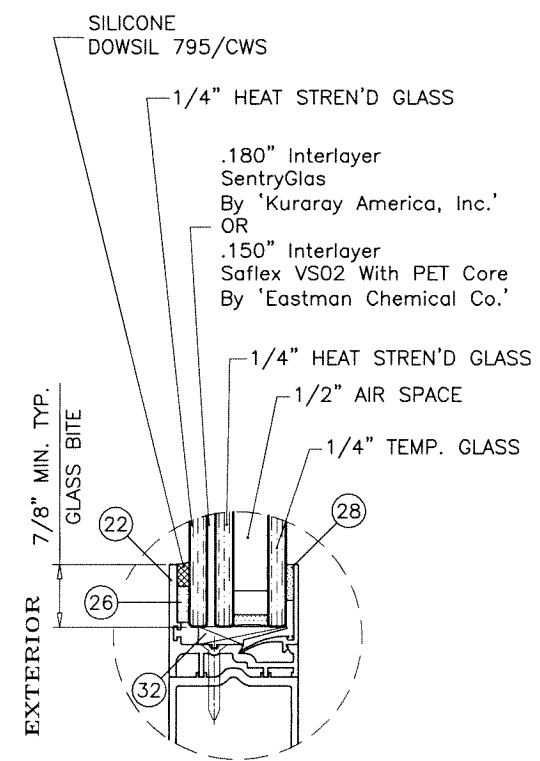


GLASS TYPE 'Ji'
1-5/16" OVERALL INSUL. LAM. GLASS

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

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

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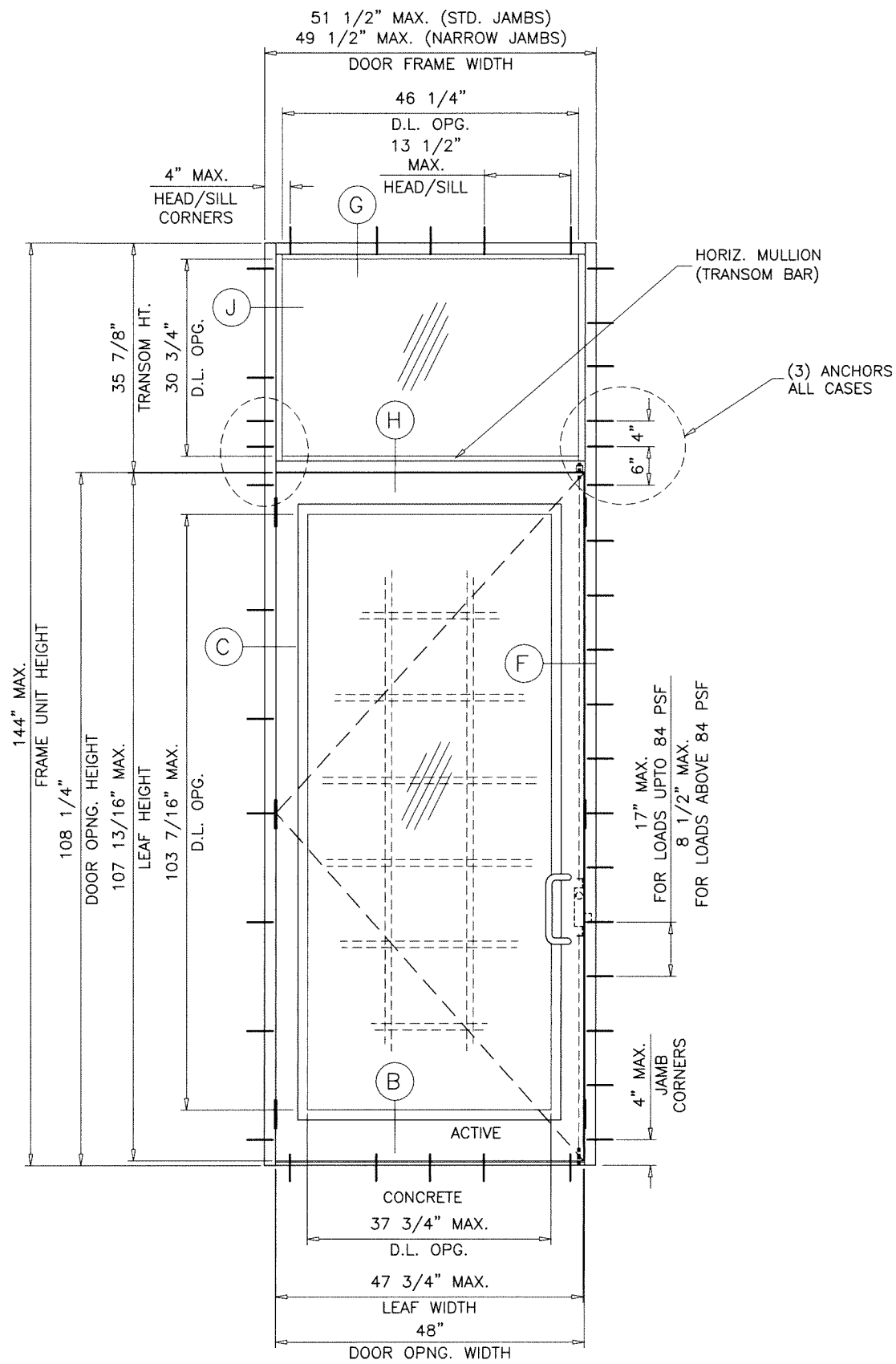
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drawing no.	21-38F			
sheet	4 of 22			



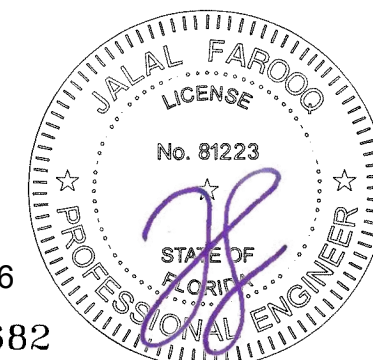
(O/X)
TYPICAL ELEVATION
 DOOR W/ TRANSOM

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 7.
 LOWER VALUES FROM DOORS OR HORIZONTAL MULLION (TRANSOM BAR) CHART
 WILL APPLY TO ENTIRE SYSTEM.

Sealed: 3/25/2026

FL #17682



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

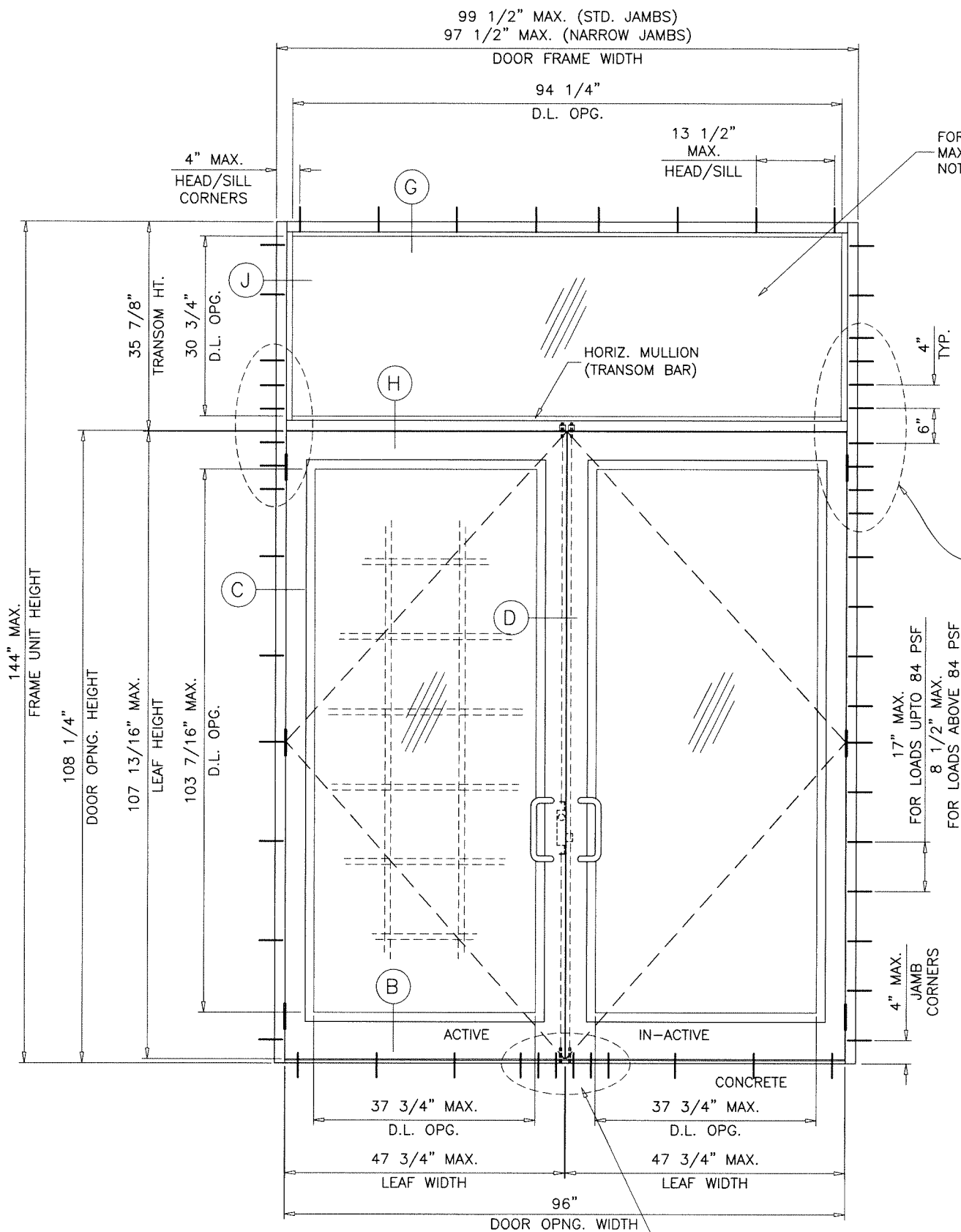
SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive, Suite 101
 Coral Springs, FL. 33065
 Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:	no	date	by	description

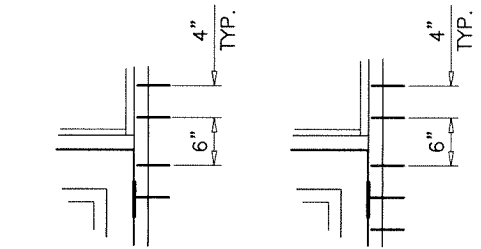
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 dr. by: TARIQ
 chk. by:

drawing no.
21-38F

sheet 5 of 22



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

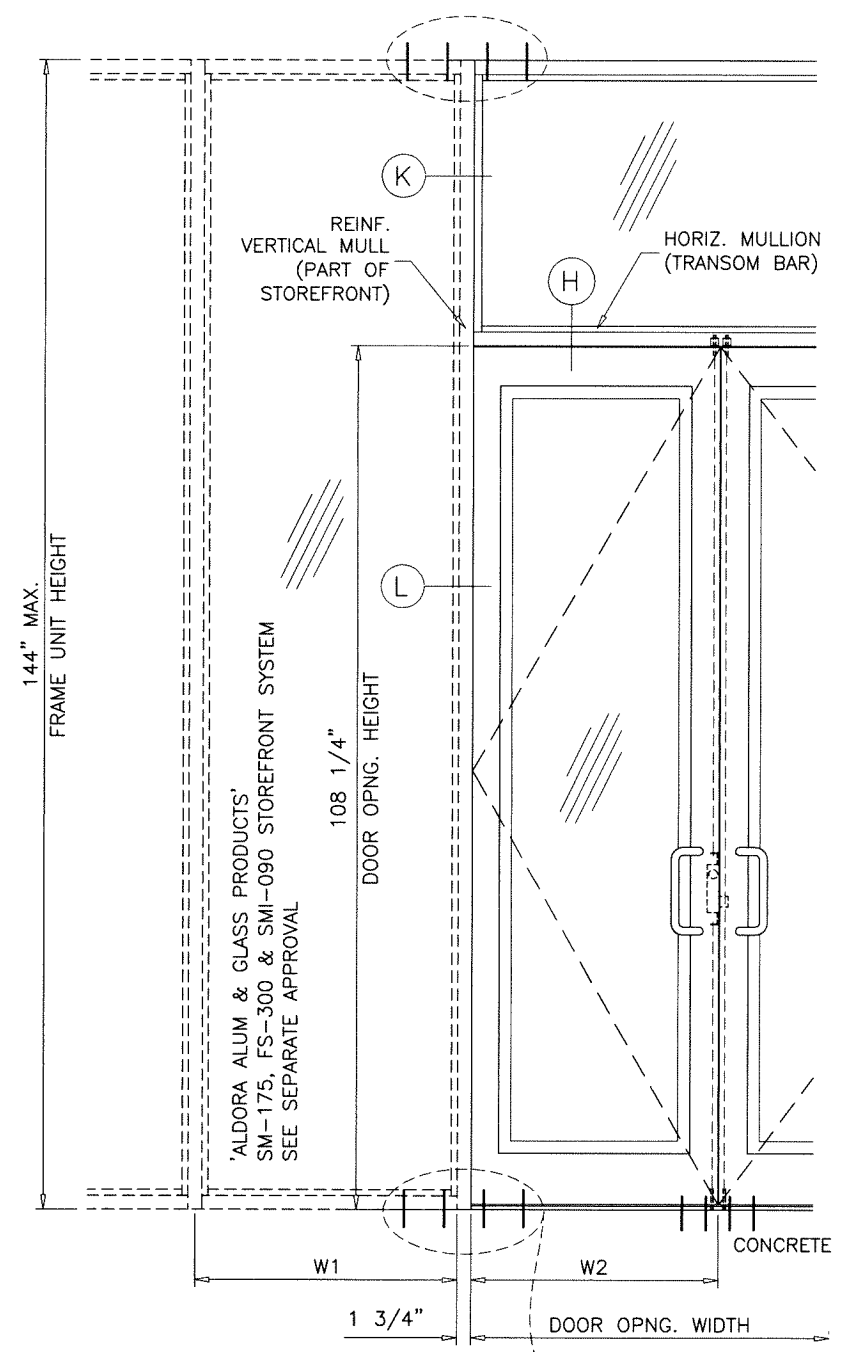
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(O/XX)
TYPICAL ELEVATION
 DOOR W/ TRANSOM

(6) ANCHORS TYPE 'B'
 AT MTG. STILE ENDS
 AT 3\"/>

DLO WIDTH (TRANSOM) = DOOR FRAME WIDTH - 5.25\"/>

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

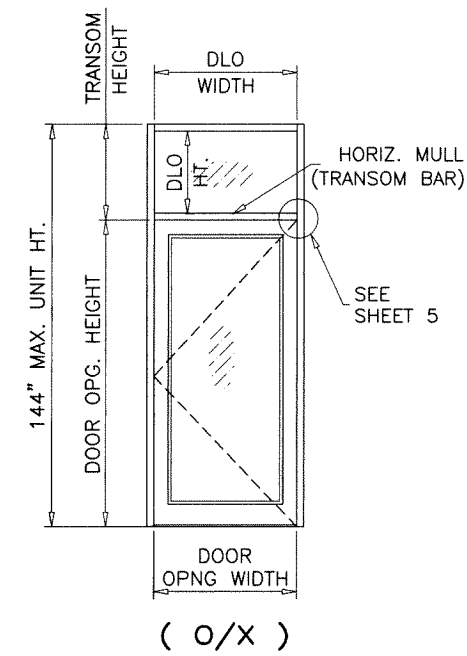
Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive, Suite 101
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no	date	description

date: 05-04-21
 scale: 1/2"=1'-0"
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 chk. by:
 drawing no.
21-38F
 sheet 6 of 22

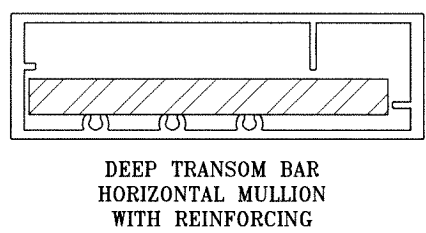
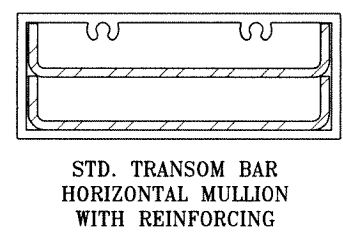
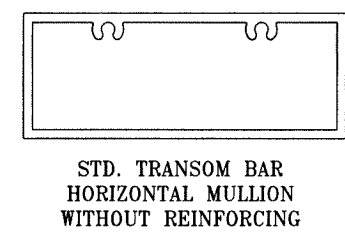
SINGLE DOOR HORIZONTAL MULLION (TRANSOM BAR)					
DESIGN LOAD CAPACITY					
NOMINAL DIMS.			GLASS	GLASS	GLASS
			E, F, G H, Hi, J, Ji	C, D H, Hi, J, Ji	- -
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
			*EXT. (+) INT. (-)	*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	
42	84	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	84	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	
		44	-	91.0	
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	
42	96"	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	96"	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	GLASS	GLASS
			E, F, G H, Hi, J, Ji	C, D H, Hi, J, Ji	- -
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
			*EXT. (+) INT. (-)	*EXT. (+) INT. (-)	*EXT. (+) INT. (-)
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	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	
48	108	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	
		28	67.1	100.0	
		32	65.2	100.0	
		36	64.3	100.0	
42	118	20	53.9	100.0	
		24	-	100.0	
		26	-	100.0	
		28	-	100.0	
		32	-	97.3	
		36	-	94.6	
46	118	20	50.8	98.7	
		24	49.3	95.9	
		26	-	94.6	
		28	91.1	100.0	
		32	88.6	100.0	
		36	87.3	100.0	
36	120	20	66.1	100.0	
		24	64.3	100.0	
		26	63.4	100.0	
		28	53.2	100.0	
		32	52.4	100.0	
		36	50.0	100.0	
42	120	20	48.6	97.3	
		24	48.6	94.6	
		26	-	-	
		28	-	-	
		32	-	-	
		36	-	-	

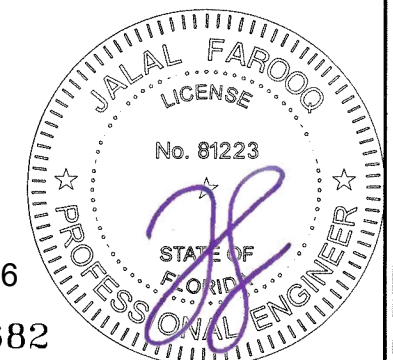


NOTE:
 FOR DOORS CAPACITY SEE SHEETS 3 AND 4.
 FOR HORIZONTAL MULLION (TRANSOM BAR) CAPACITY SEE CHART ABOVE.
 LOWER VALUES FROM DOORS OR HORIZONTAL MULLION (TRANSOM BAR)
 CHART WILL APPLY TO ENTIRE SYSTEM.

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



Sealed: 3/25/2026
 FL #17682



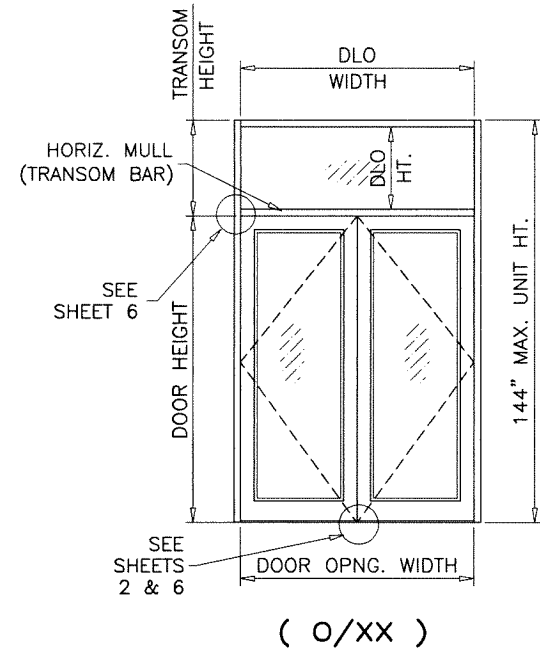
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL \ 21-38F-AAG

SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
Aldora Aluminum & Glass Products Inc.
 4250 Coral Ridge Drive, Suite 101
 Coral Springs, FL. 33065
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revisions:	no	date	by	description
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dr. by:	TARIQ	chk. by:		
drawing no.	21-38F			
sheet	7 of 22			

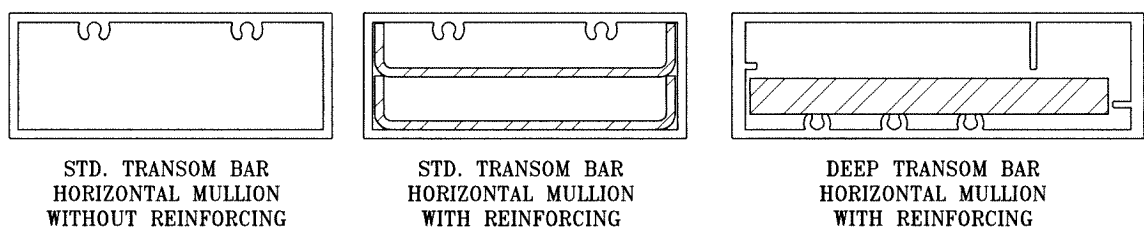
DOUBLE DOOR HORIZONTAL MULLION (TRANSOM BAR)					
DESIGN LOAD CAPACITY					
NOMINAL DIMS.			GLASS E, F, G H, Hi, J, Ji	GLASS C, D H, Hi, J, Ji	GLASS - -
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.
			*EXT. (+) INT. (-)	*EXT. (+) 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	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	
96		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	
		72		20	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	
84	96"	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	
96		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 - -		
OPNG. WIDTH INCHES	DOOR OPNG. HEIGHT INCHES	TRANSOM HEIGHT INCHES	STD. BAR W/O REINF.	STD. BAR W/ REINF.	DEEP BAR W/ REINF.		
			*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	118	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	120	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



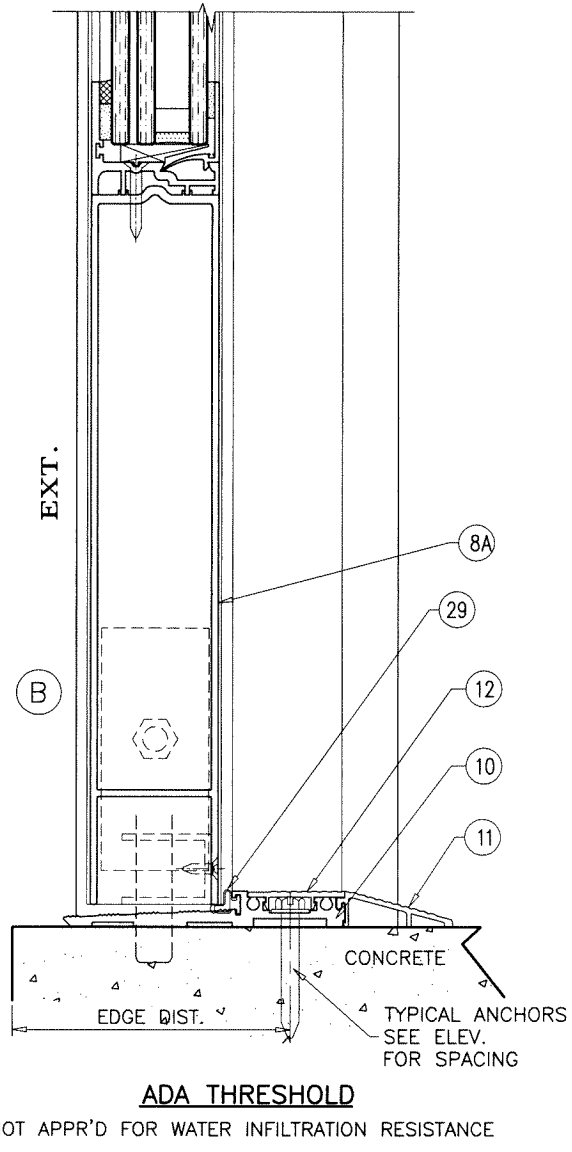
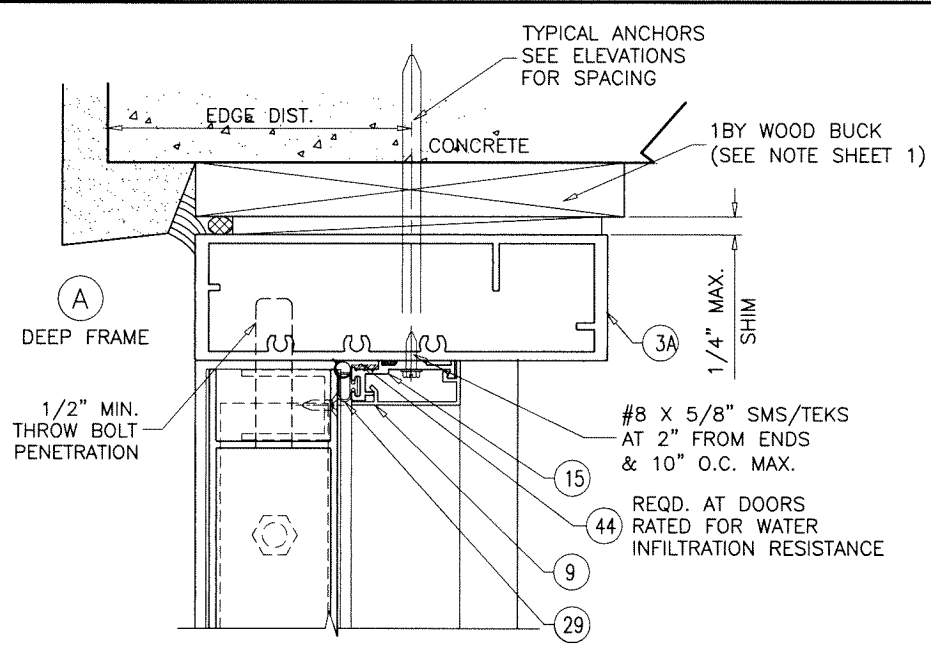
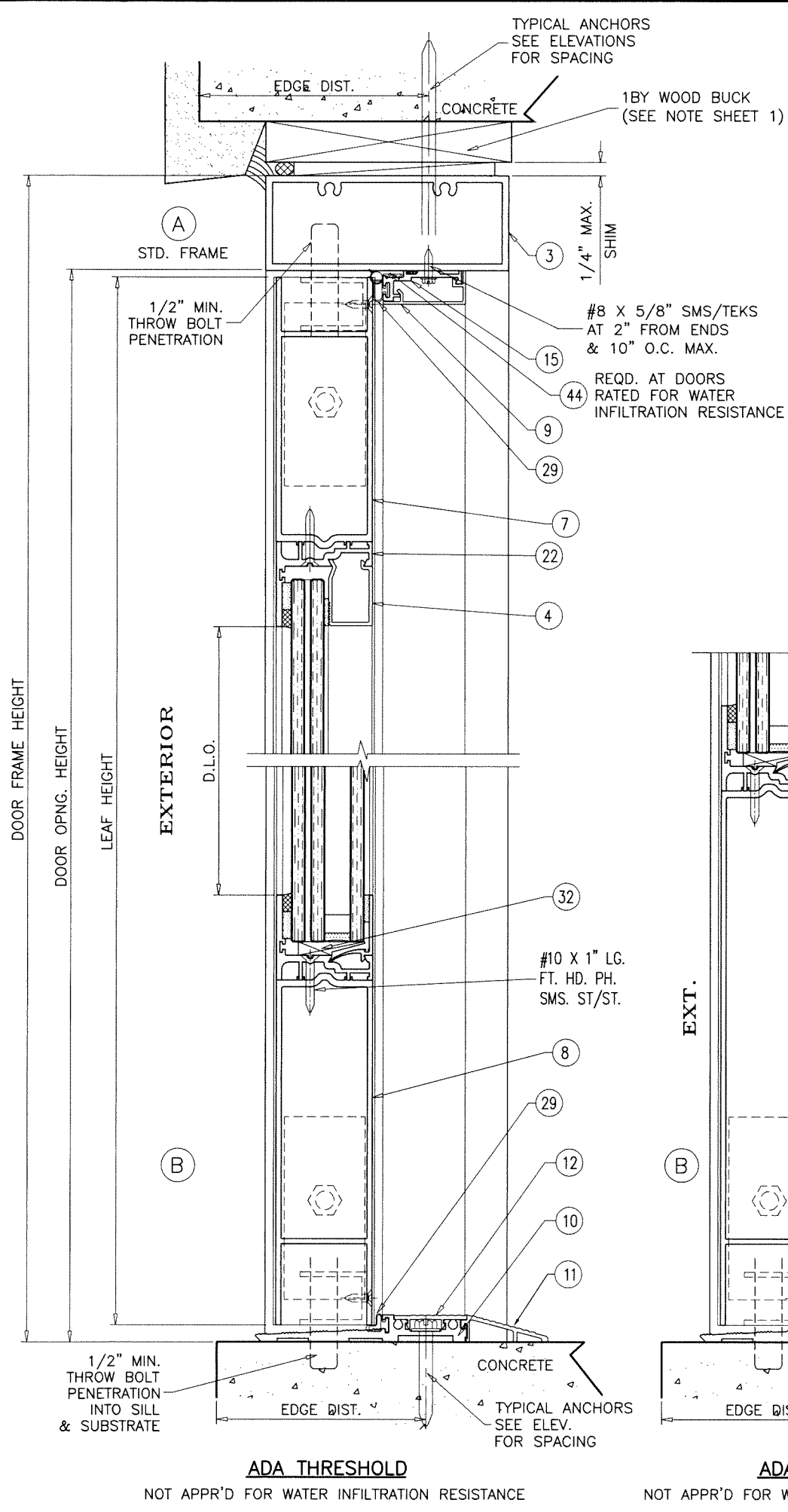
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af c
AL-FAROOQ CORPORATION
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revisions:	no	date	by	description
date:	05-04-21	scale:	3/8" = 1"	
dr. by:	TARIQ	chk. by:		
drawing no.	21-38F			
sheet	8 of 22			



ADA THRESHOLD

NOT APPR'D FOR WATER INFILTRATION RESISTANCE

ADA THRESHOLD

NOT APPR'D FOR WATER INFILTRATION RESISTANCE

Sealed: 3/25/2026

FL #17682



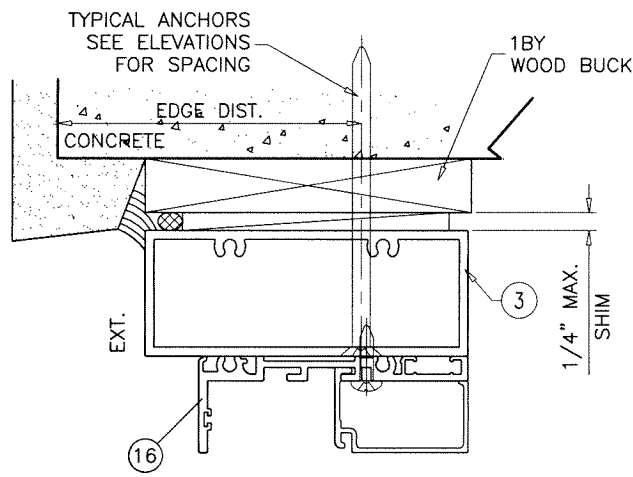
af c
AL-FAROOQ CORPORATION
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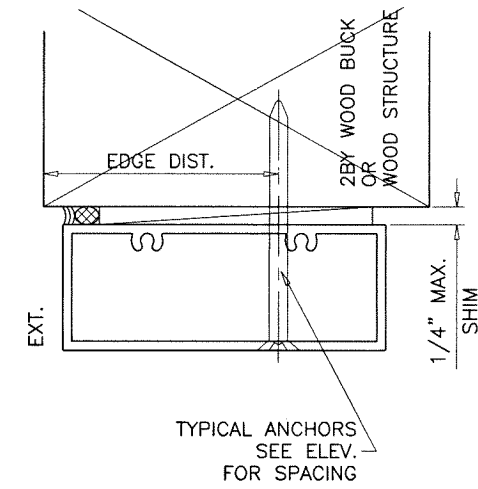
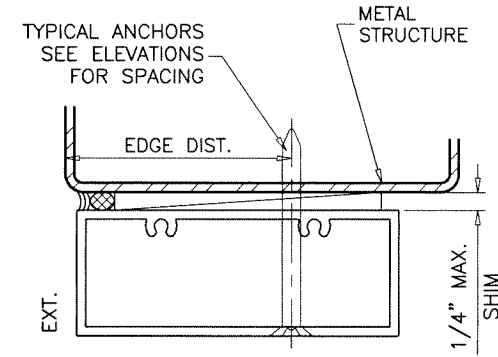
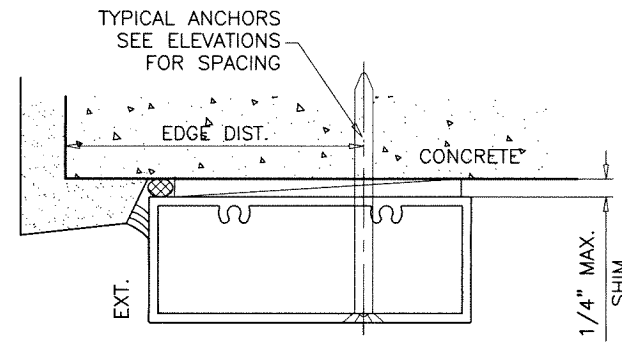
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date: 05-04-21
 scale: 3/8" = 1"
 dr. by: TARIQ
 chk. by:

drawing no.
21-38F
 sheet 9 of 22



TRANSOM HEADER



1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALDORA ALUMINUM AND GLASS PRODUCTS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- TYPE 'A' - 1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
 - INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 - 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
 - THRU 1BY BUCKS INTO CONC. OR BLOCKS
 - 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 - 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 - DIRECTLY INTO BLOCKS
 - 1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

- TYPE 'B' - 1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)
 - DIRECTLY INTO CONCRETE
 - 1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

- TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)
 - INTO F.B.C. APPROVED MULLIONS
 - OR
 - INTO METAL STRUCTURES (HEAD/JAMBS)
 - (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 - 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)

TYPICAL EDGE DISTANCE

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

TYPICAL CL TO CL SPACING

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

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

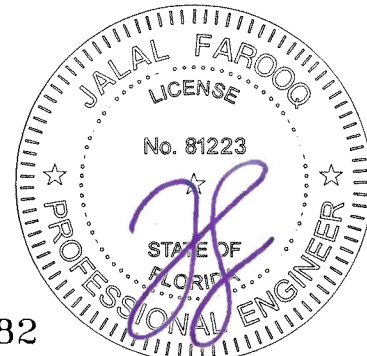
AL-FAROOQ CORPORATION
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no	date	description

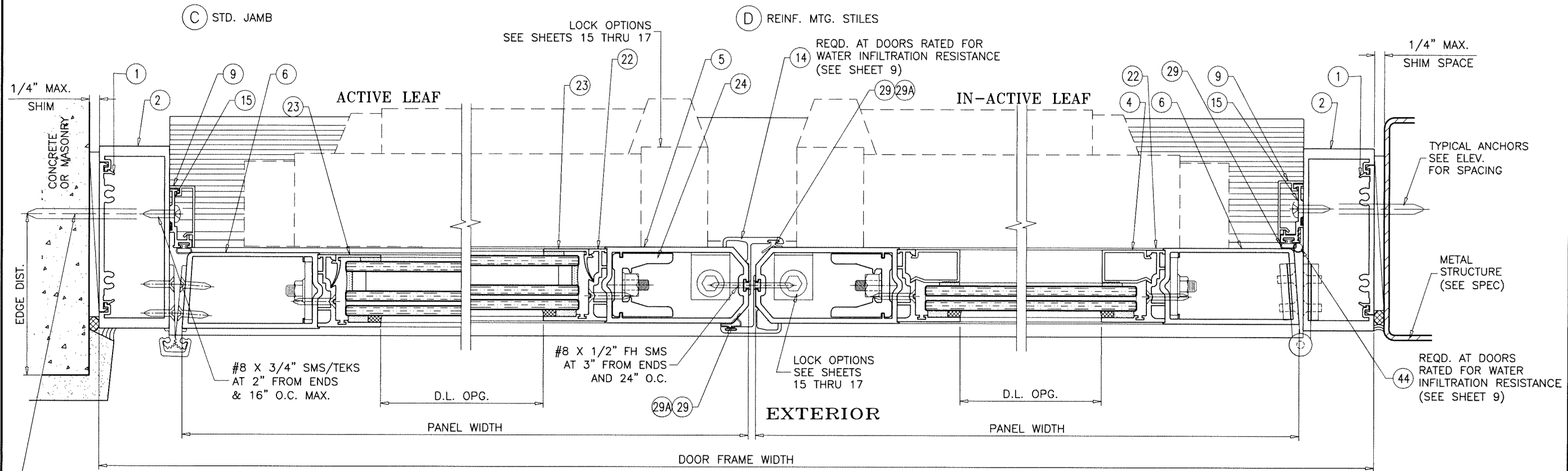
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 dr. by: TARIQ
 chk. by:

drawing no.
21-38F
 sheet 10 of 22

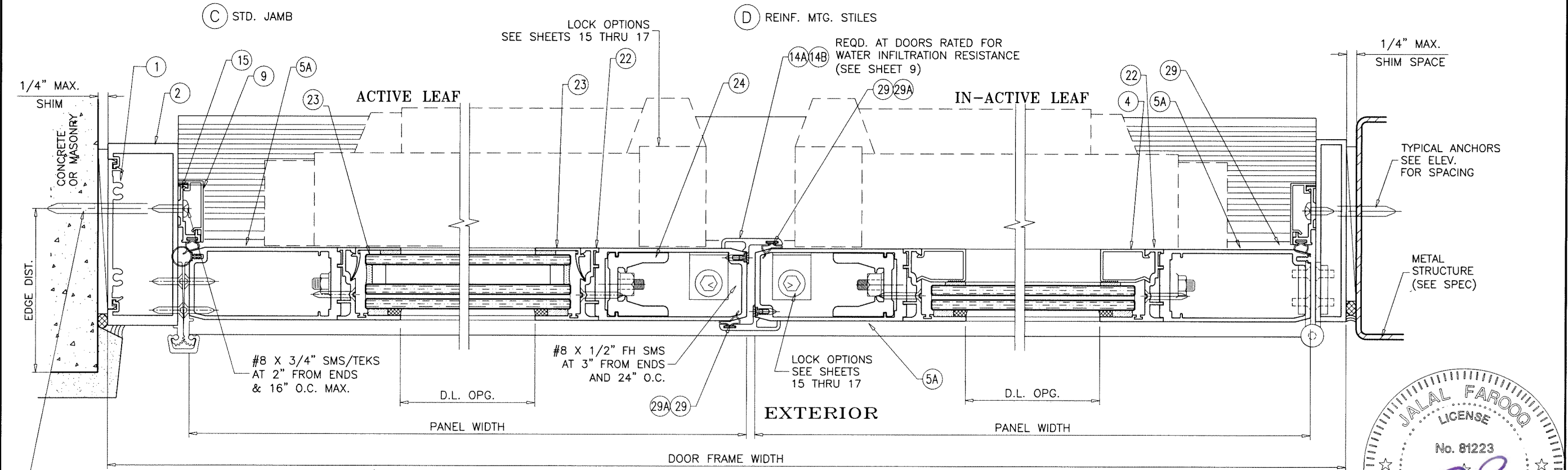


Sealed: 3/25/2026

FL #17682



STD. HINGE/ACTIVE/INACTIVE STILES
(RATED FOR LEVEL 'D' & LEVEL 'E' IMPACTS)



H.D. HINGE/ACTIVE/INACTIVE STILES
(RATED FOR LEVEL 'D' IMPACT ONLY)

afc
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TEL. (305) 264-8100 FAX. (305) 262-6978
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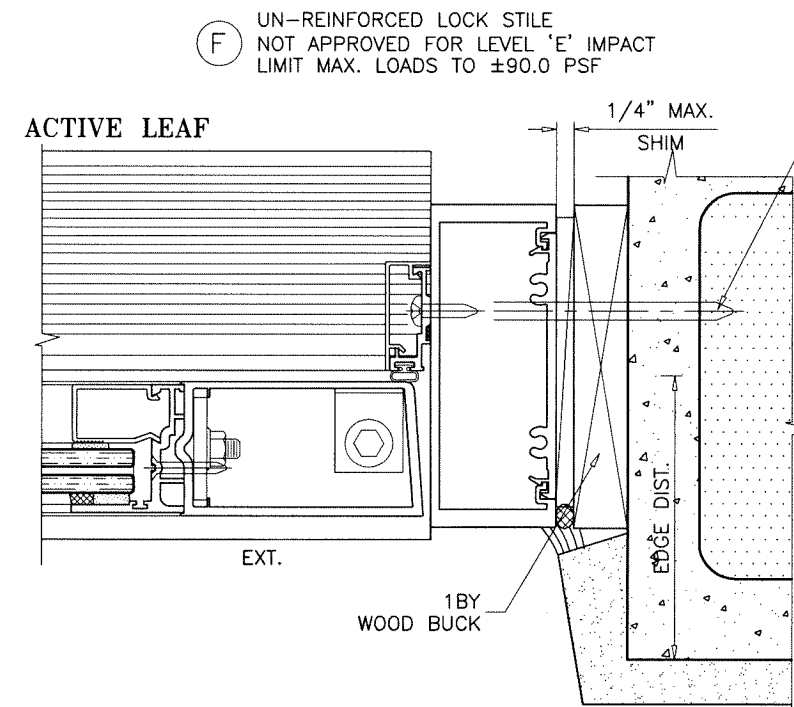
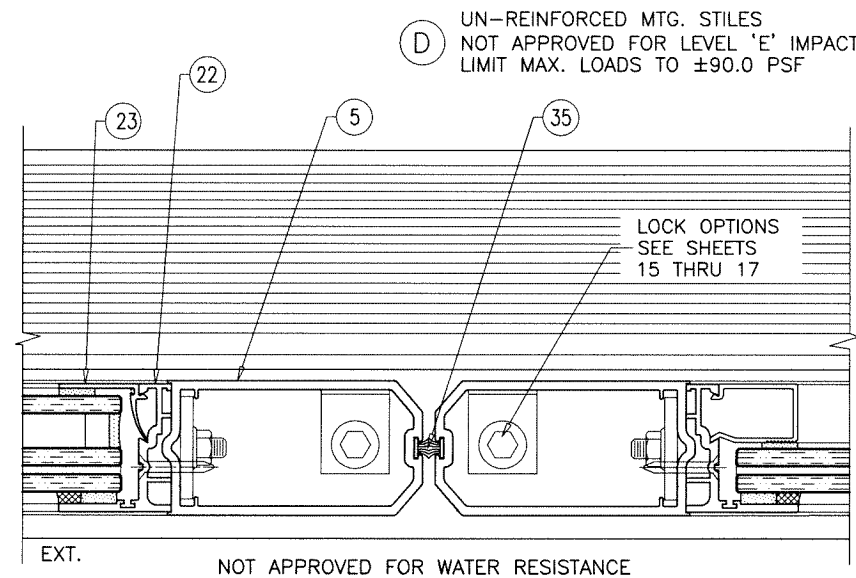
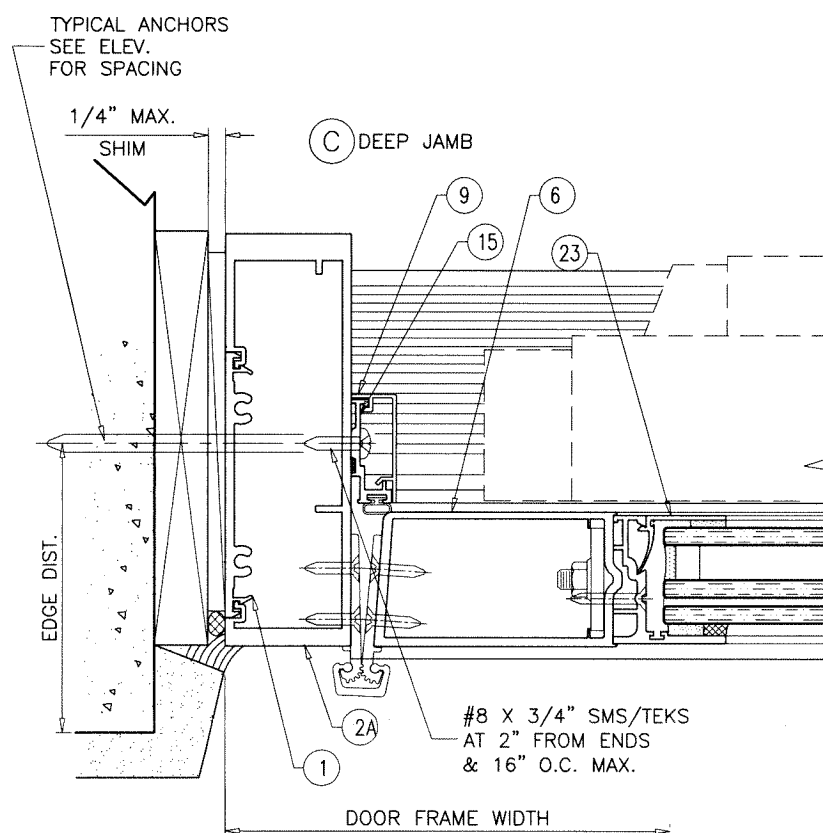
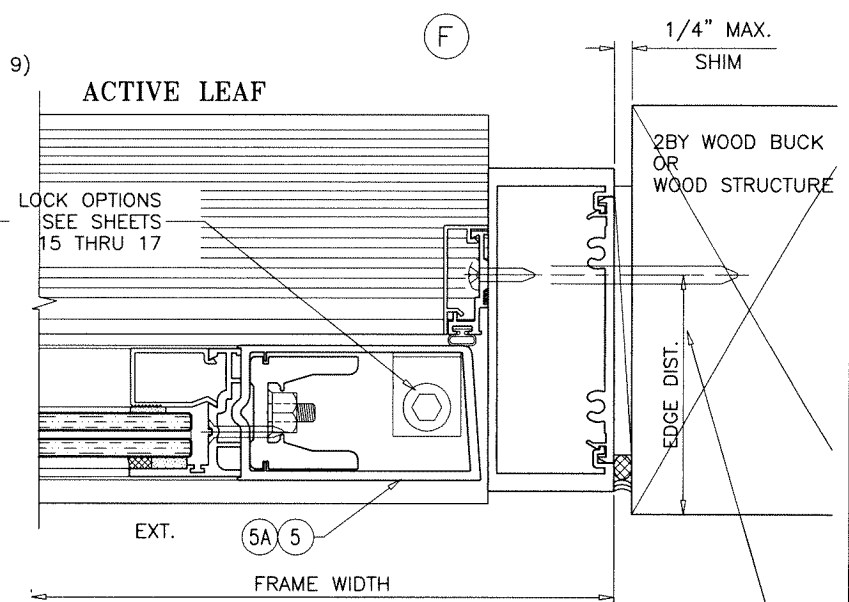
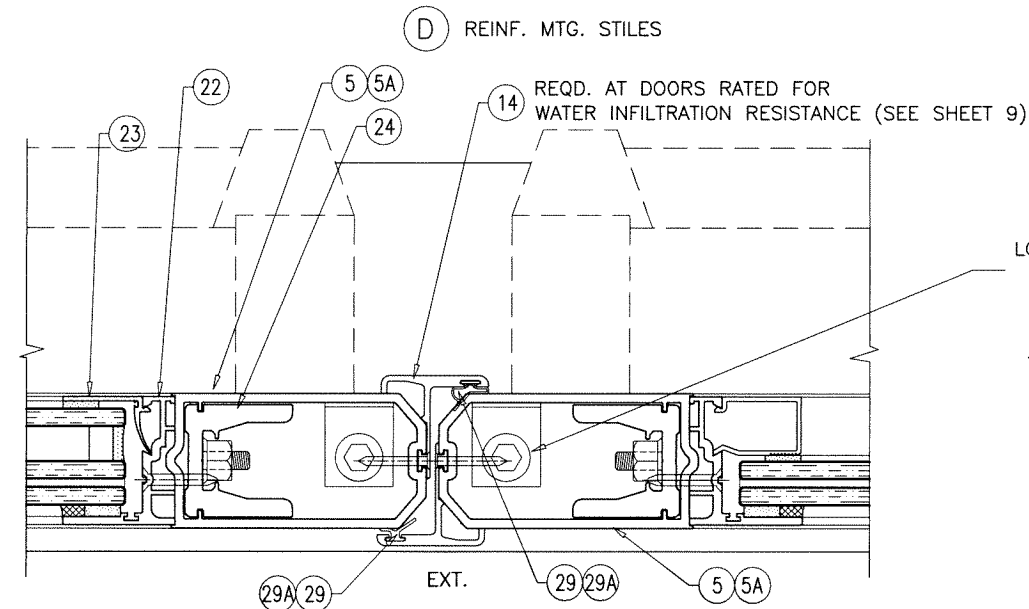
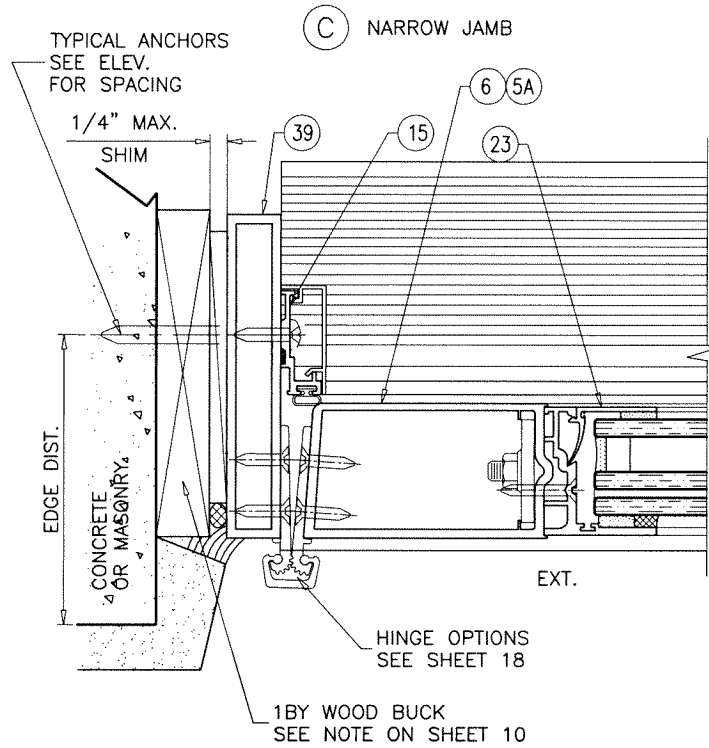
SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
Aldora Aluminum & Glass Products Inc.
4250 Coral Ridge Drive, Suite 101
Coral Springs, FL 33065
Tel. (954) 784-6900 Fax. (954) 784-6901

revisions:	no.	date	description
date:	05-04-21	scale:	3/8" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	21-38F		
sheet	11 of 22		



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FL #17682



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AL-FAROOQ CORPORATION
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 MIAMI, FLORIDA 33173 (C.A.N. 353B)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\21-38F-AAG

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 Coral Springs, FL 33065
 Tel. (954) 784-6900 Fax. (954) 784-6901

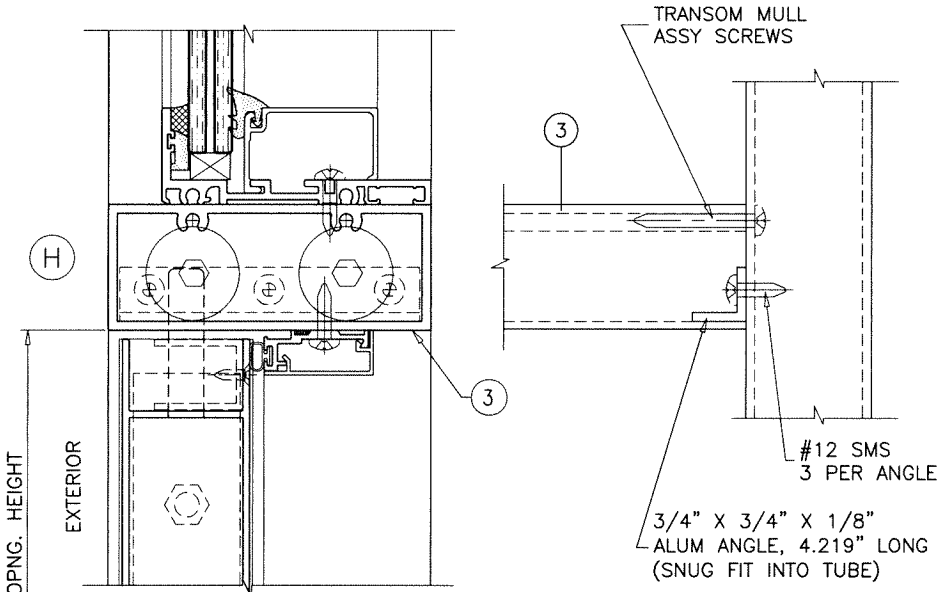
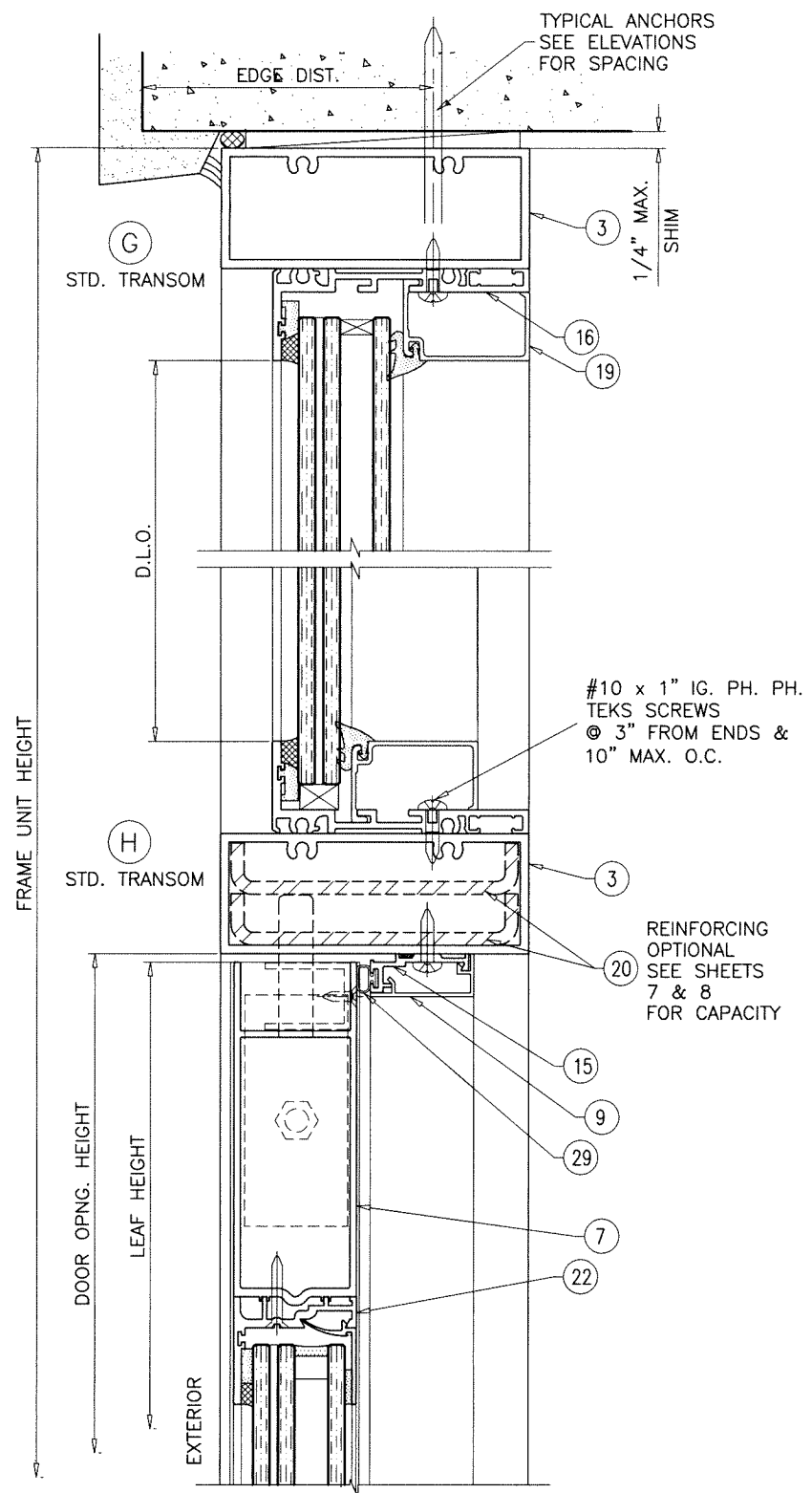
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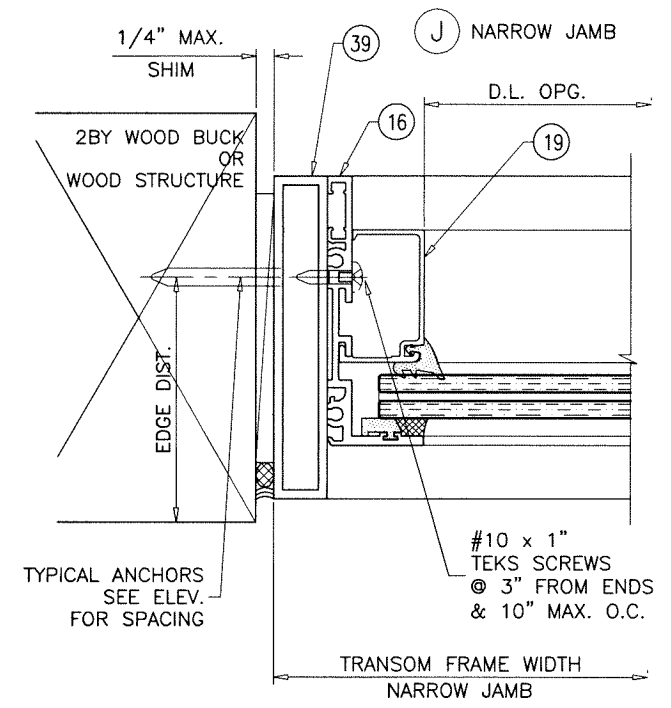
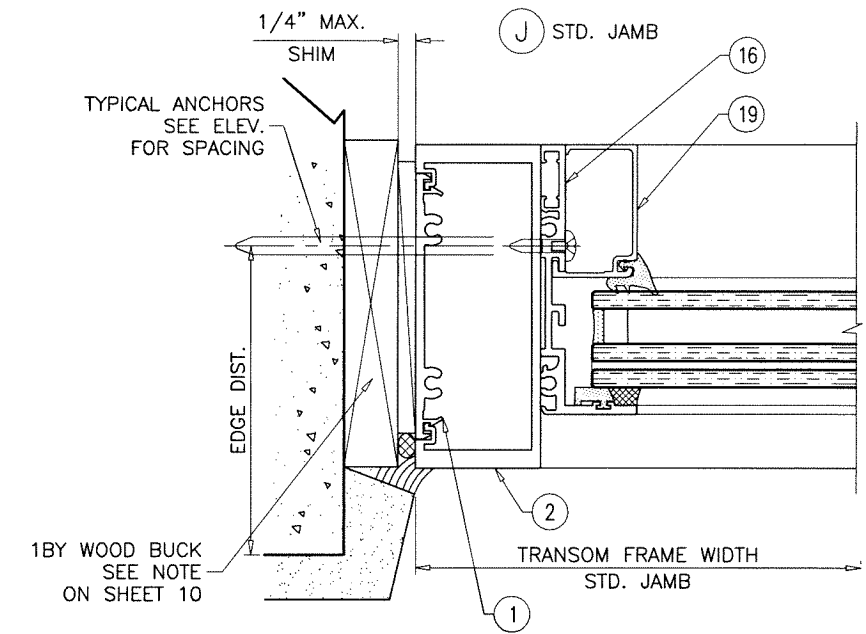
drawing no.
21-38F
 sheet 12 of 22




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SHEAR CLIP REQD. AT TRANSOM ENDS



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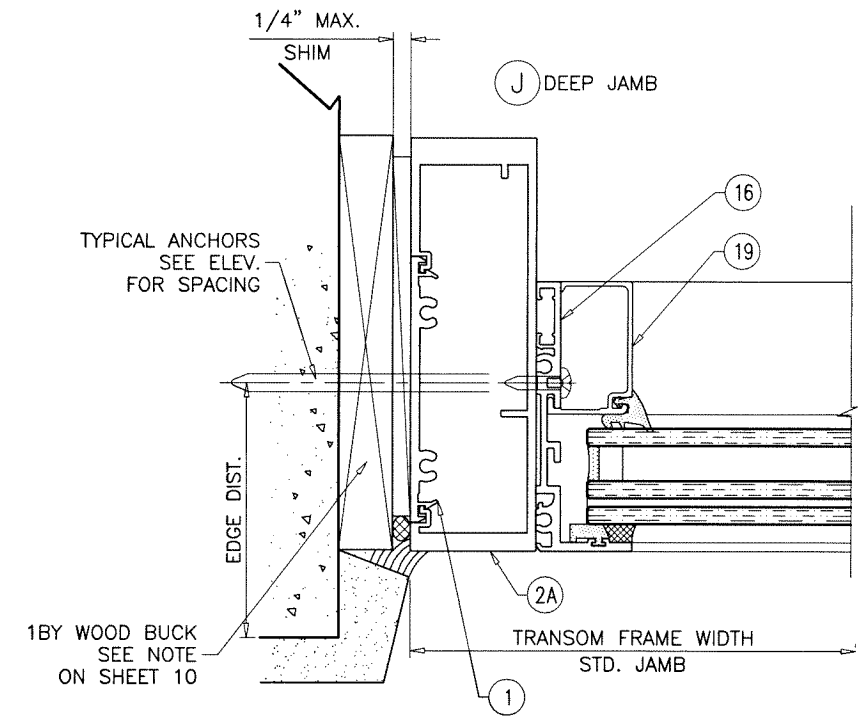
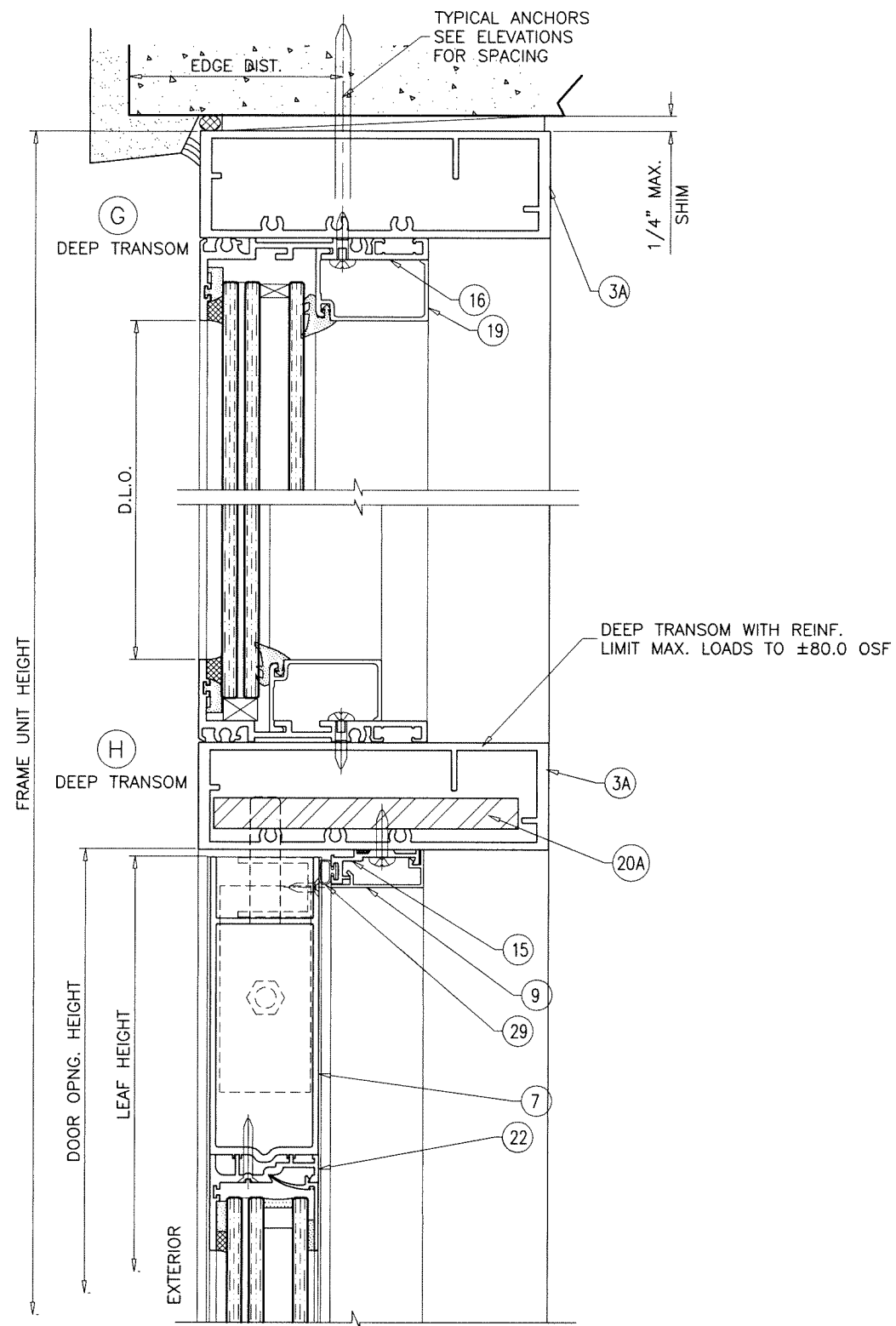
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
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no	date by description

date: 05-04-21	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
drawing no.		21-38F	
sheet 13 of 22			



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Coral Springs, FL 33065
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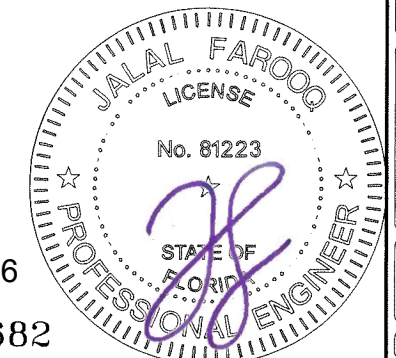
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revisions:	no	date	by	description

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

drawing no.
21-38F

sheet 13.1 of 22



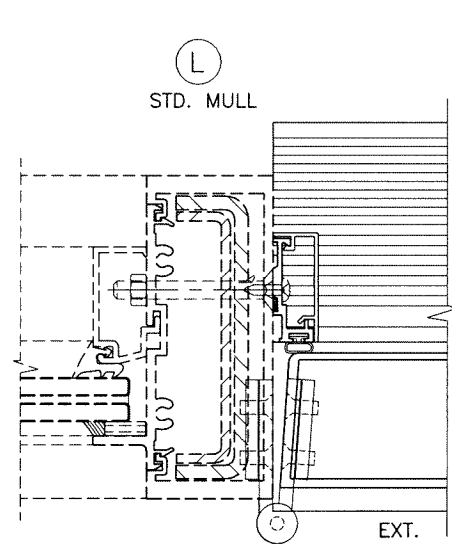
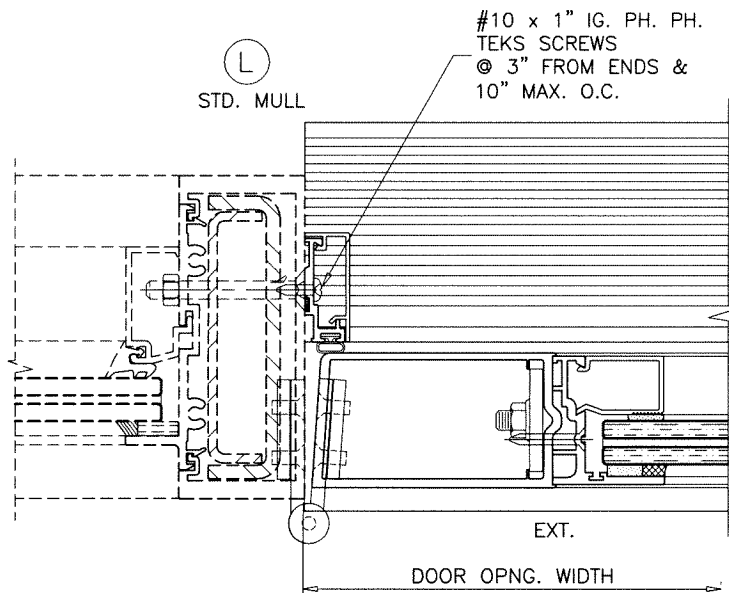
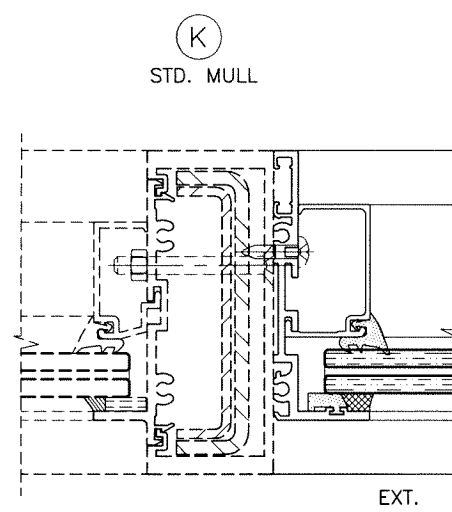
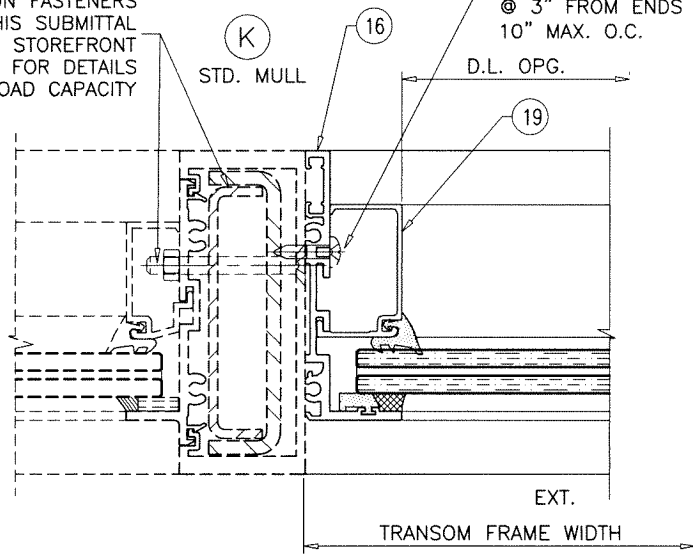
Sealed: 3/25/2026

FL #17682

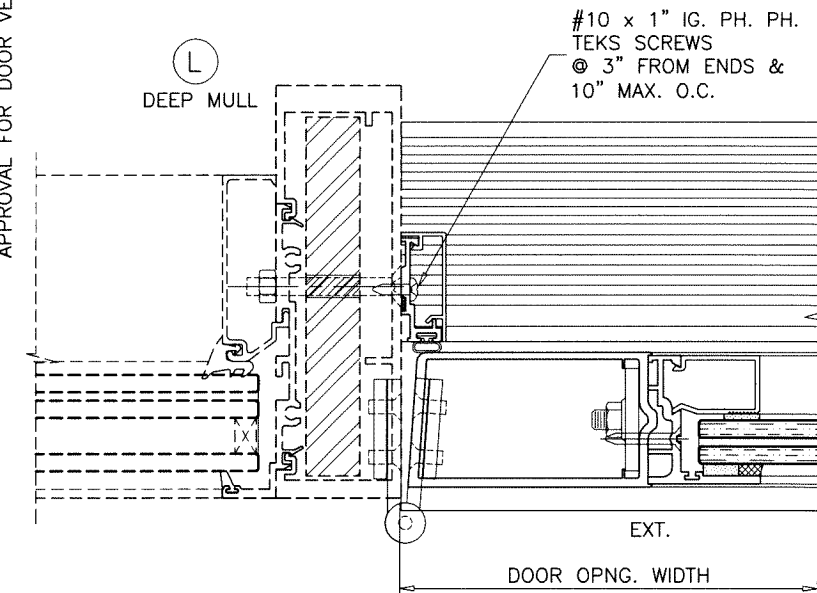
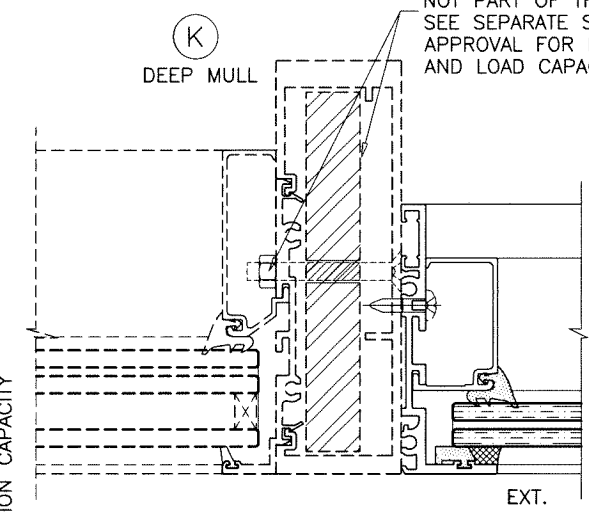
DOOR MULLION AND MULLION FASTENERS NOT PART OF THIS SUBMITTAL SEE SEPARATE STOREFRONT APPROVAL FOR DETAILS AND LOAD CAPACITY

#10 x 1" IG. PH. PH. TEKS SCREWS @ 3" FROM ENDS & 10" MAX. O.C.

F.B.C. APPROVED
LARGE MISSILE IMPACT RESISTANT 'SMI-175' STOREFRONT SYSTEM, SEE SEPARATE 'ALDORA ALUM & GLASS PRODUCTS' APPROVAL FOR DOOR VERTICAL MULLION CAPACITY



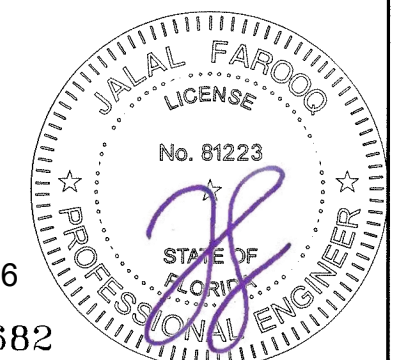
F.B.C. APPROVED
LARGE MISSILE IMPACT RESISTANT 'FRONT SET' WINDOW WALL SYSTEM, SEE SEPARATE 'ALDORA ALUM & GLASS PRODUCTS' APPROVAL FOR DOOR VERTICAL MULLION CAPACITY



DOOR MULLION AND MULLION FASTENERS NOT PART OF THIS SUBMITTAL SEE SEPARATE STOREFRONT APPROVAL FOR DETAILS AND LOAD CAPACITY

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no	date	description

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

drawing no.
21-38F

sheet 14 of 22

LOCK OPTIONS:

OPTION #1:

STD. 3 POINT LOCK
 MAX. FRAME HEIGHT = 120 IN.
 MAX. LEAF WIDTH = 47-3/4 IN.
 MAX. DESIGN LOAD = 100 PSF

ACTIVE LEAF:

THREE POINT LOCK SYSTEM SERIES 2002/2222/2062 BY 'REGENT HARDWARE'
 KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE LOCATED AT 34" FROM BOTTOM OF LEAF

INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'REGENT HARDWARE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH
 (2) #8-32 X 1/4" PH MACHINE SCREWS

OPTION #1A:

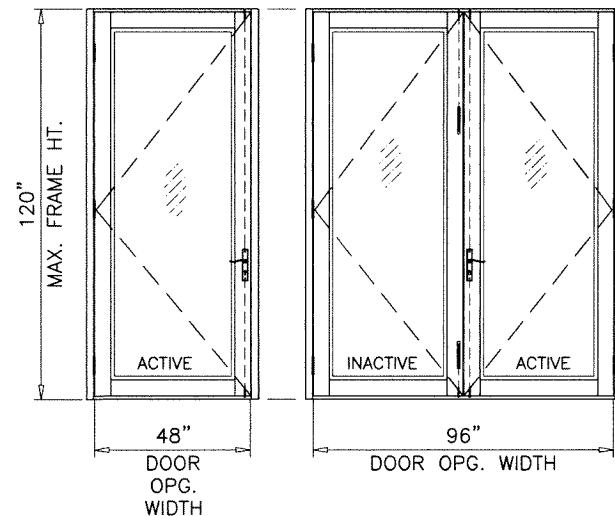
STD. 3 POINT LOCK
 MAX. FRAME HEIGHT = 120 IN.
 MAX. LEAF WIDTH = 47-3/4 IN.
 MAX. DESIGN LOAD = 100 PSF

ACTIVE LEAF:

THREE POINT LOCK SYSTEM BY 'INTERLOCK' KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE LOCATED AT 34" FROM BOTTOM OF LEAF FASTENED WITH
 (2) #8-32 X 2" OH MACHINE SCREWS

INACTIVE LEAF:

TWO POINT LOCK SYSTEM BY 'INTERLOCK' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH
 (2) #8-32 X 2" OH MACHINE SCREWS



OPTION #2:

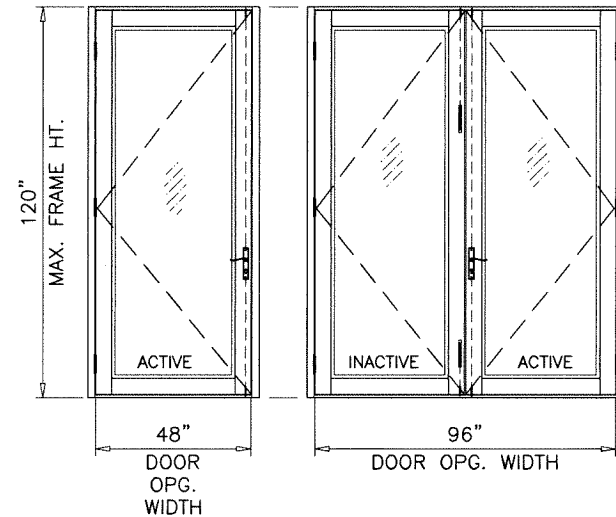
STD. 3 POINT LOCK
 MAX. FRAME HEIGHT = 120 IN.
 MAX. LEAF WIDTH = 47-3/4 IN.
 MAX. DESIGN LOAD = 100 PSF

ACTIVE LEAF:

THREE POINT LOCK SYSTEM WITH 4 PLY HOOK LOCK REGENT NO. 206-3P, KEY OPERATED ON EXTERIOR AND THUMB-TURN ON INTERIOR, LOCATED AT 36" FROM BOTTOM OF PANEL

INACTIVE LEAF:

TWO POINT LOCK SYSTEM SULLIVAN CH 103 WITH THUMB TURN ON THE INTERIOR, LOCATED AT 36" FROM BOTTOM OF PANEL



OPTION #3:

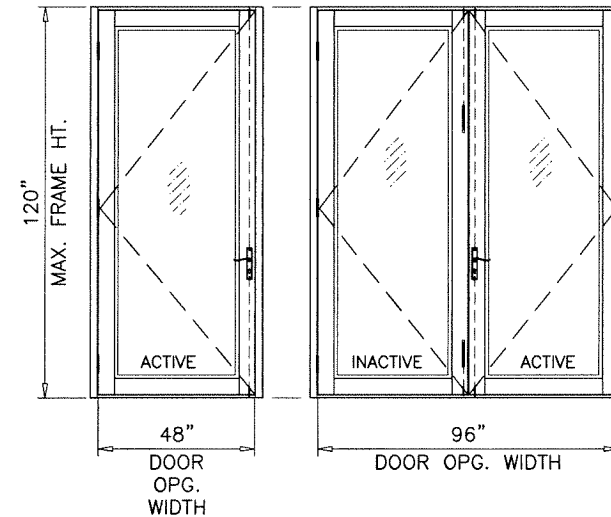
STD. 3 POINT LOCK
 MAX. FRAME HEIGHT = 120 IN.
 MAX. LEAF WIDTH = 47-3/4 IN.
 MAX. DESIGN LOAD = 100 PSF

ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM BY 'MDC' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 36" FROM BOTTOM OF PANEL FASTENED WITH
 (2) #10-24 X 1/2" FH MS AND
 (1) #10-32 X 1-3/4" FH MS

INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'MDC' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH
 (2) #6-32 X 1/2" PH MACHINE SCREWS



OPTION #4:

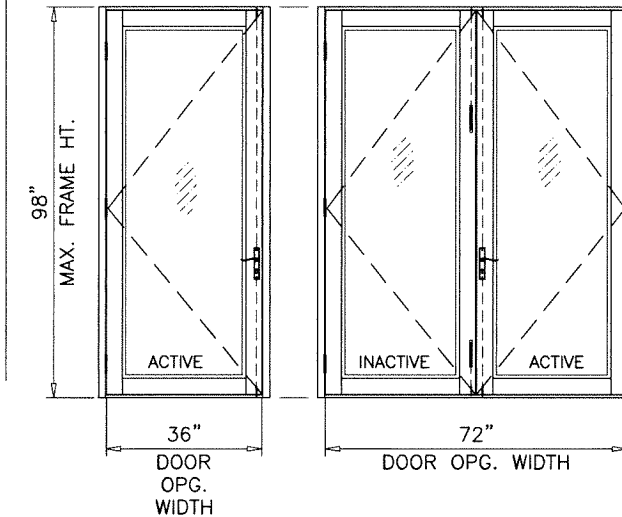
STD. 3 POINT LOCK
 MAX. FRAME HEIGHT = 98 IN.
 MAX. LEAF WIDTH = 36 IN.
 MAX. DESIGN LOAD = 90 PSF

ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE AND A THUMB TURN ON THE INTERIOR, LOCATED AT 40" FROM BOTTOM OF PANEL FASTENED WITH
 (2) #12-24 X 1/2" FH MACHINE SCREWS

INACTIVE LEAF:

MANUALLY OPERATED TWO POINT LOCK SYSTEM BY 'ADAMS RITE' WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE FASTENED WITH
 (2) #8-32 X 1/4" PH MACHINE SCREWS



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

**LOCK OPTIONS:
PANIC EXIT DEVICE**

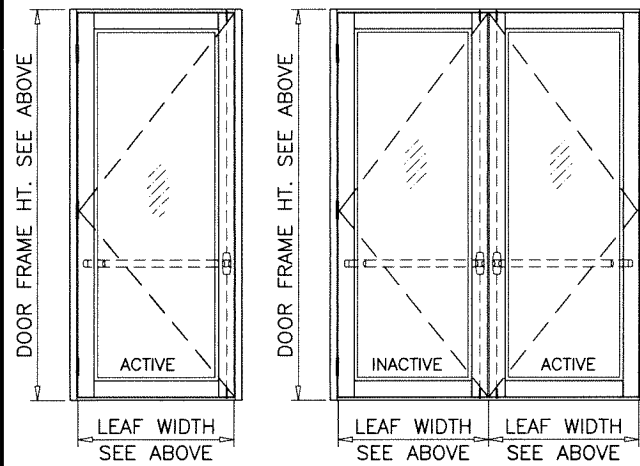
OPTION #5:

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

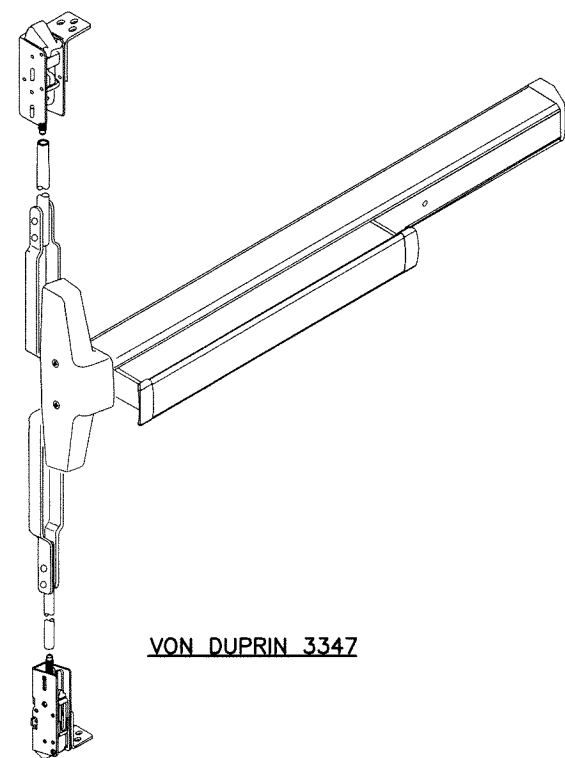
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 85 3/4 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 90 PSF

ACTIVE & INACTIVE LEAF:

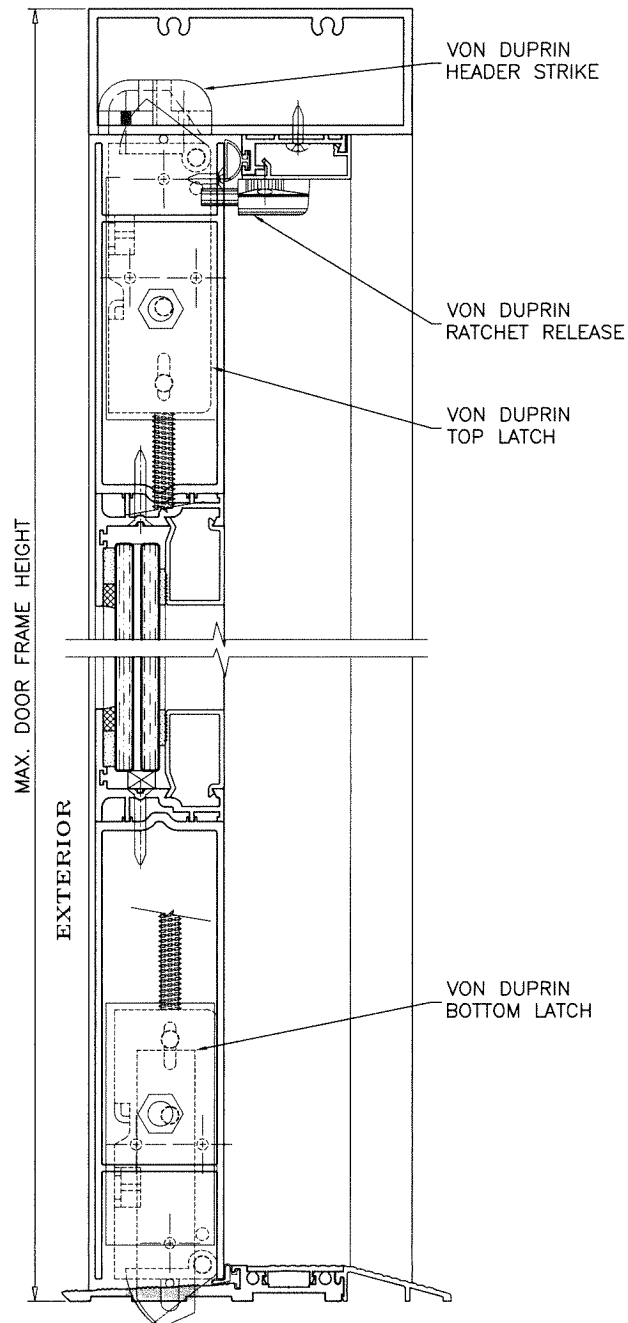
CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 3347 BY 'VON DUPRIN' LOCATED AT 40" FROM SILL AT EACH LEAF. FASTENED WITH
(2) #10-32 X 3/4" FH MACHINE SCREWS AT ONE END AND
(2) #10-24 X 1/2" FH MACHINE SCREWS AT OTHER END



EXTERIOR ELEVATIONS.



VON DUPRIN 3347



CONCRETE TO BE DRILLED OUT FOR PANIC LATCHES AT SILL

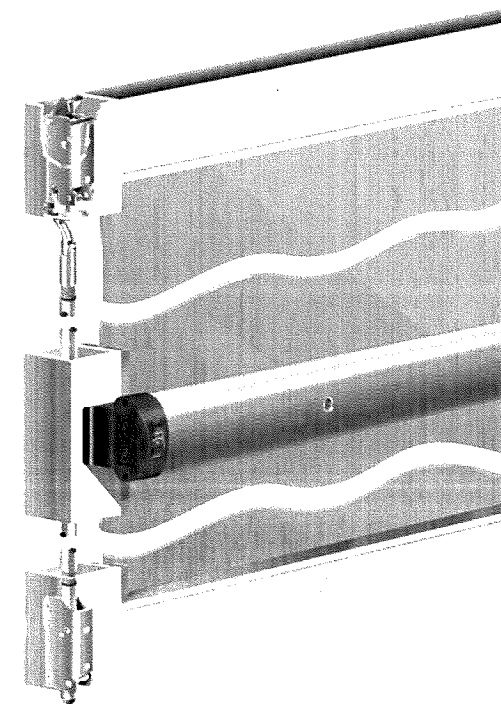
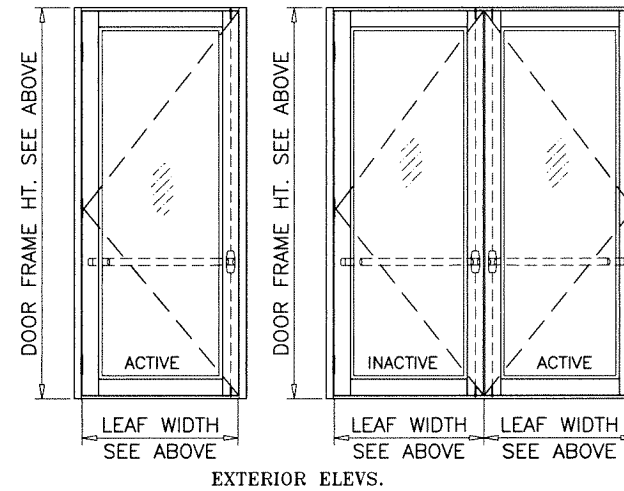
PANIC EXIT DEVICE

OPTION #6:

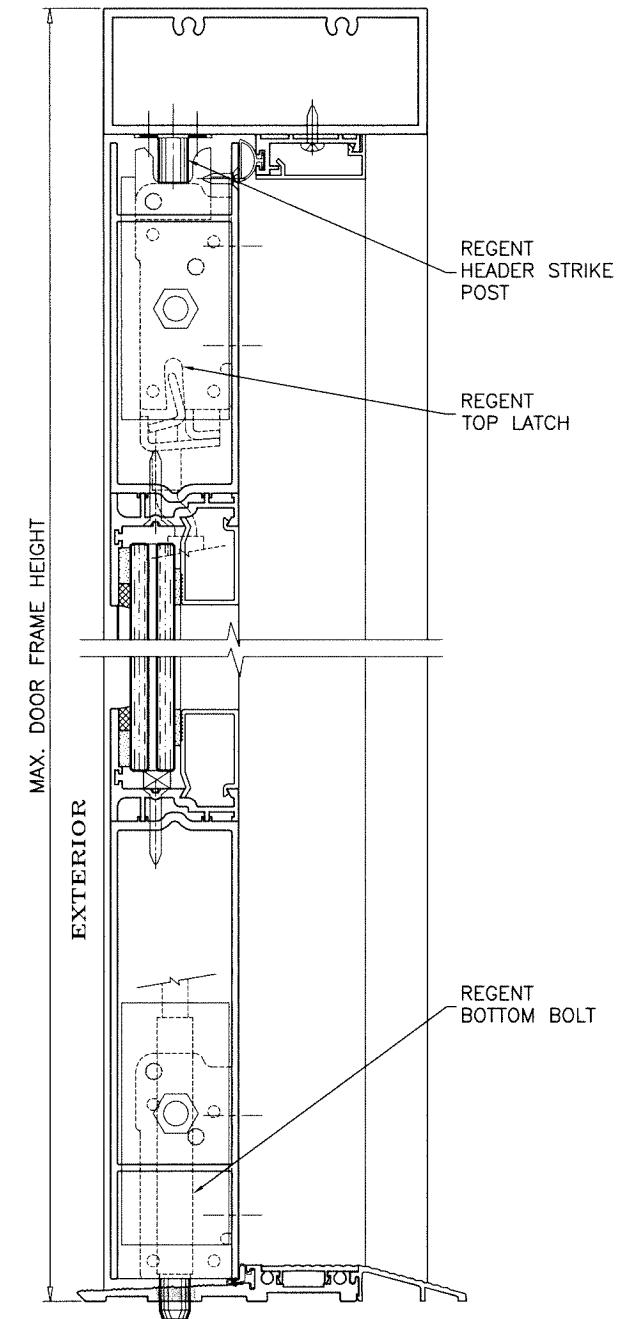
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 47-3/4 IN.
MAX. DESIGN LOAD = 100 PSF

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

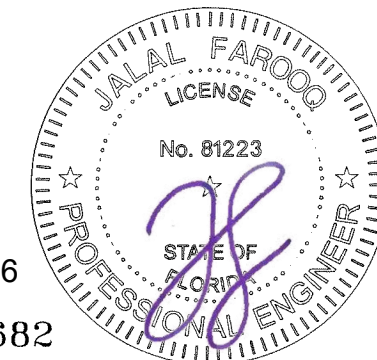


REGENT 5770



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

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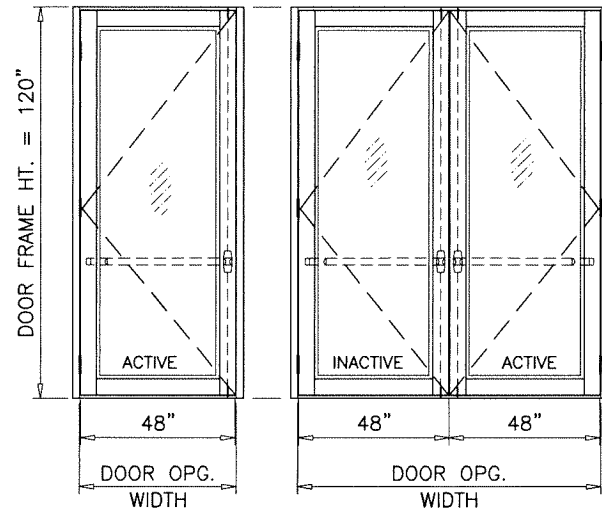
**LOCK OPTIONS:
PANIC EXIT DEVICE**

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

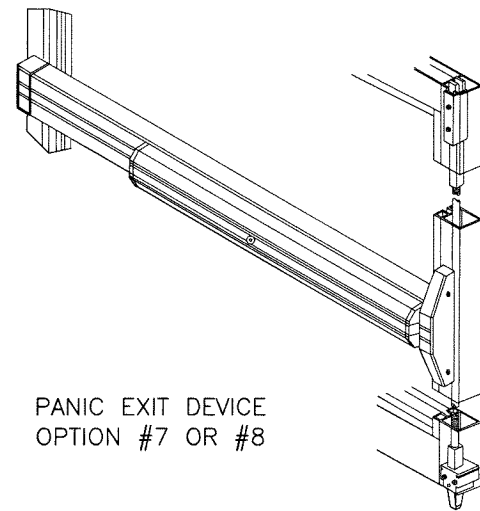
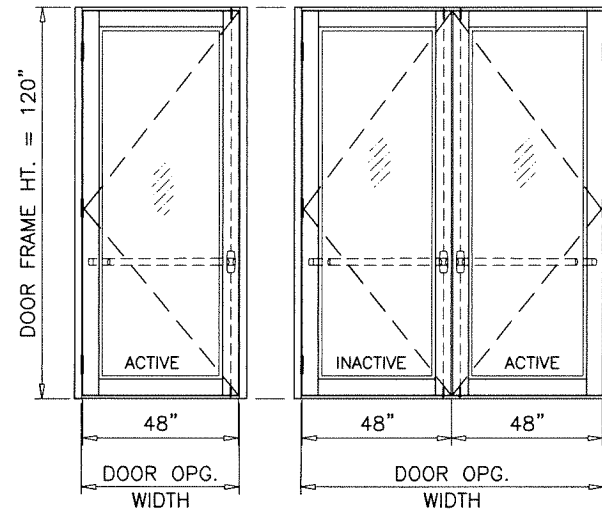


OPTION #8:

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



PANIC EXIT DEVICE
OPTION #7 OR #8

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:

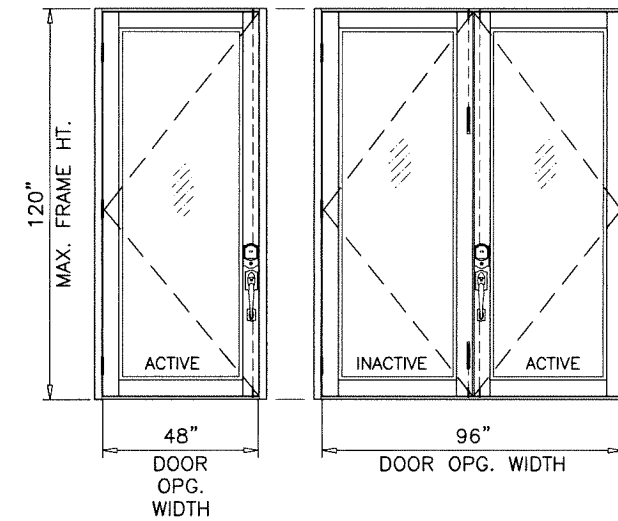
'ENCODE PLUS SMART WIFI DEAD BOLT' BY 'SCHLAGE' AT 36" FROM BOTTOM WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM FASTENED WITH
(2) #8-32 X 1/4" PH MACHINE SCREWS

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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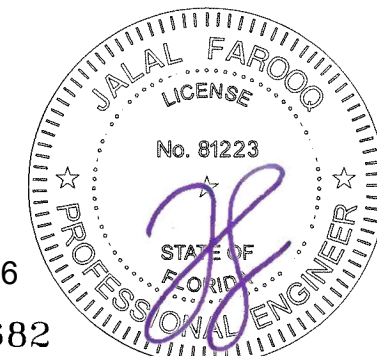
SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)
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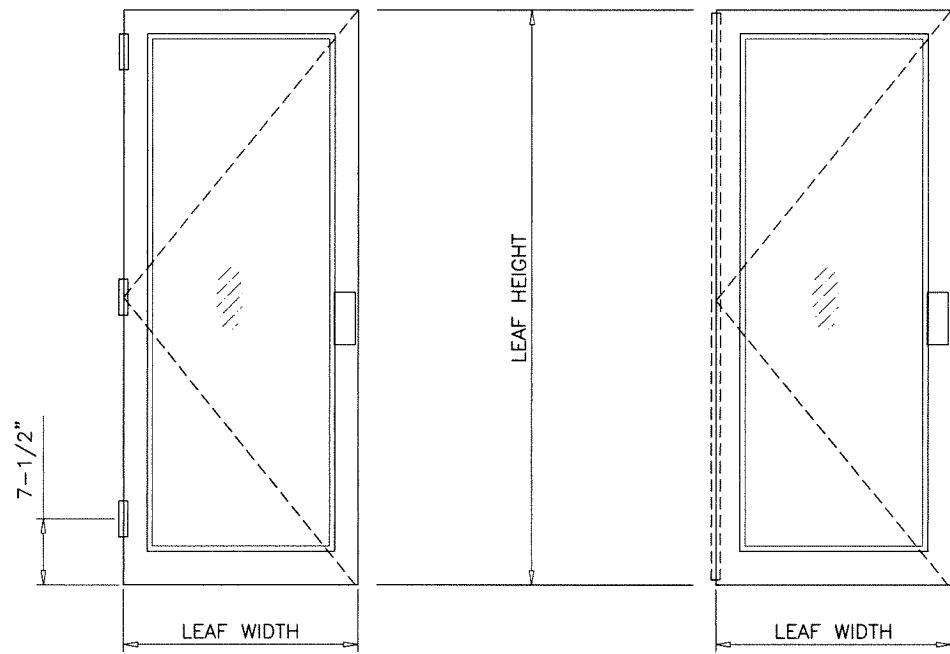
sheet 17 of 22



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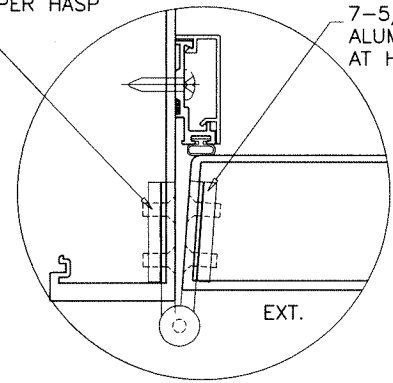
FL #17682

DOOR FRAME NOT SHOWN FOR CLARITY



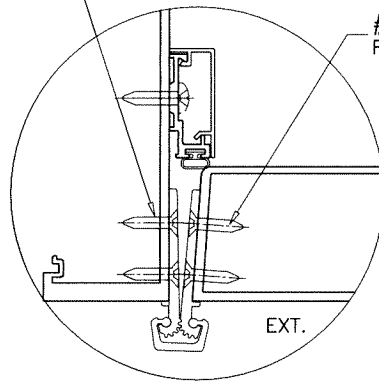
12-24 X 1/2"
FH MACHINE SCREWS
4 PER HASP

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

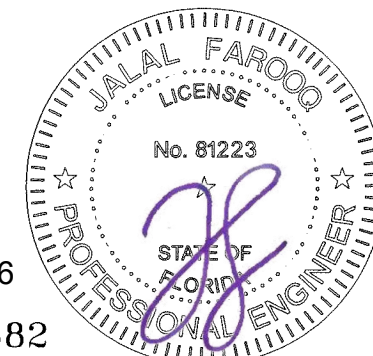
4-1/2" LONG BUTT HINGES REGENT #4001
OR IDH #B10445R ST/ST
(3) PER LEAF, 7-1/2" FROM TOP AND BOTTOM
AND AT MIDSPAN
FASTENED TO FRAME JAMB WITH
(4) #12-24 X 1/2" FH MS
AND TO LEAF STILE WITH
(4) #12-24 X 1/2" FH MS

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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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

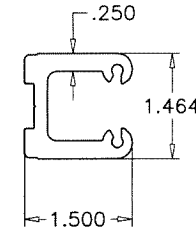
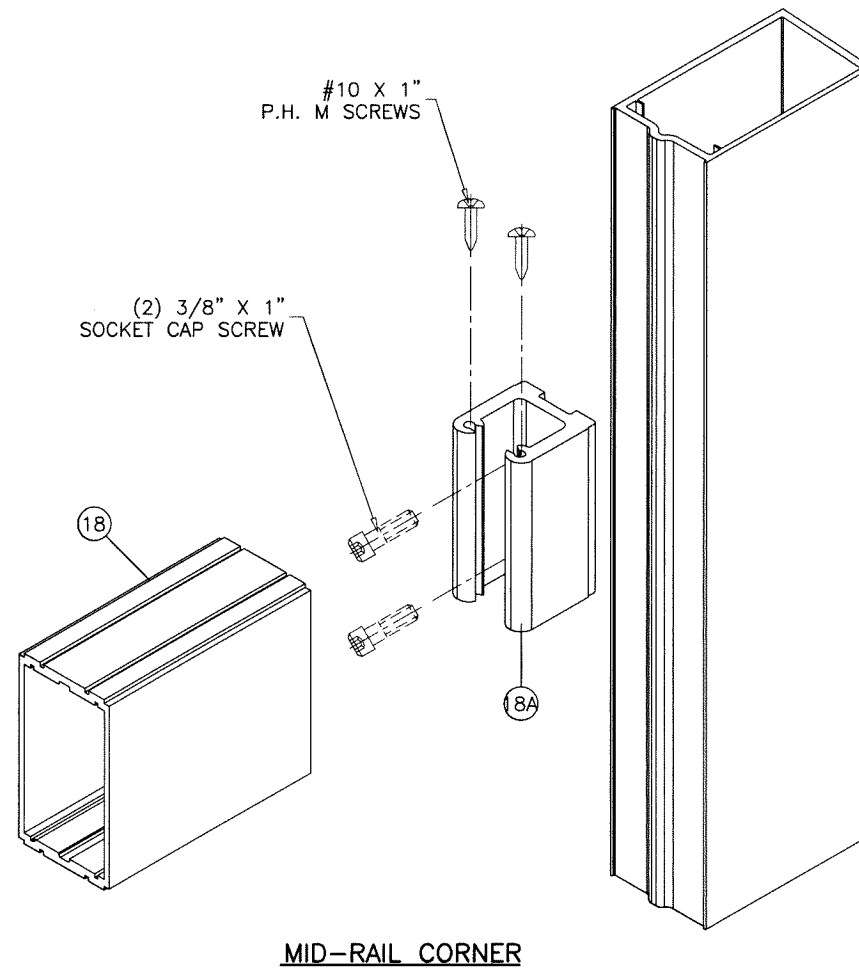
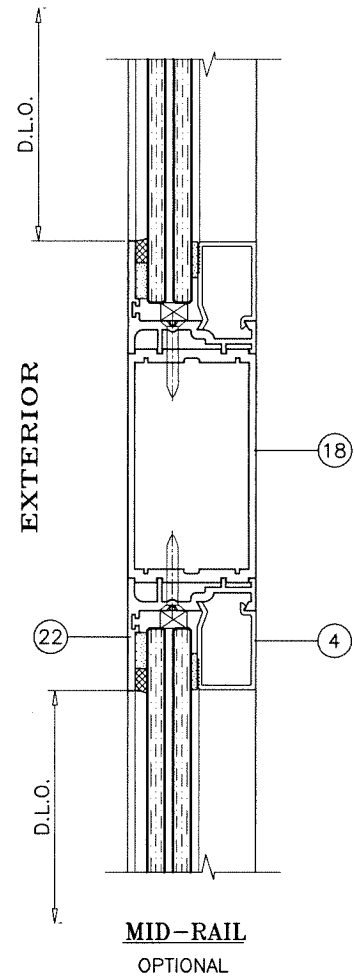
SERIES 'SUMMIT' ALUMINUM OUT-SWING DOOR (L.M.I.)

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

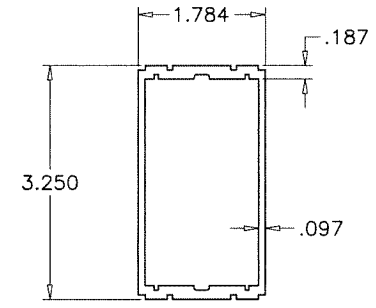
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no	date by description

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dr. by: TARIQ	chk. by:

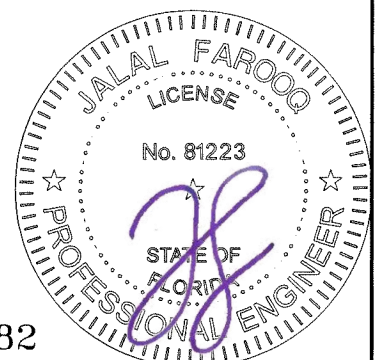
drawing no.
21-38F
sheet 18 of 22



(18A) MID-RAIL CORNER CLIP



(18) MID-RAIL



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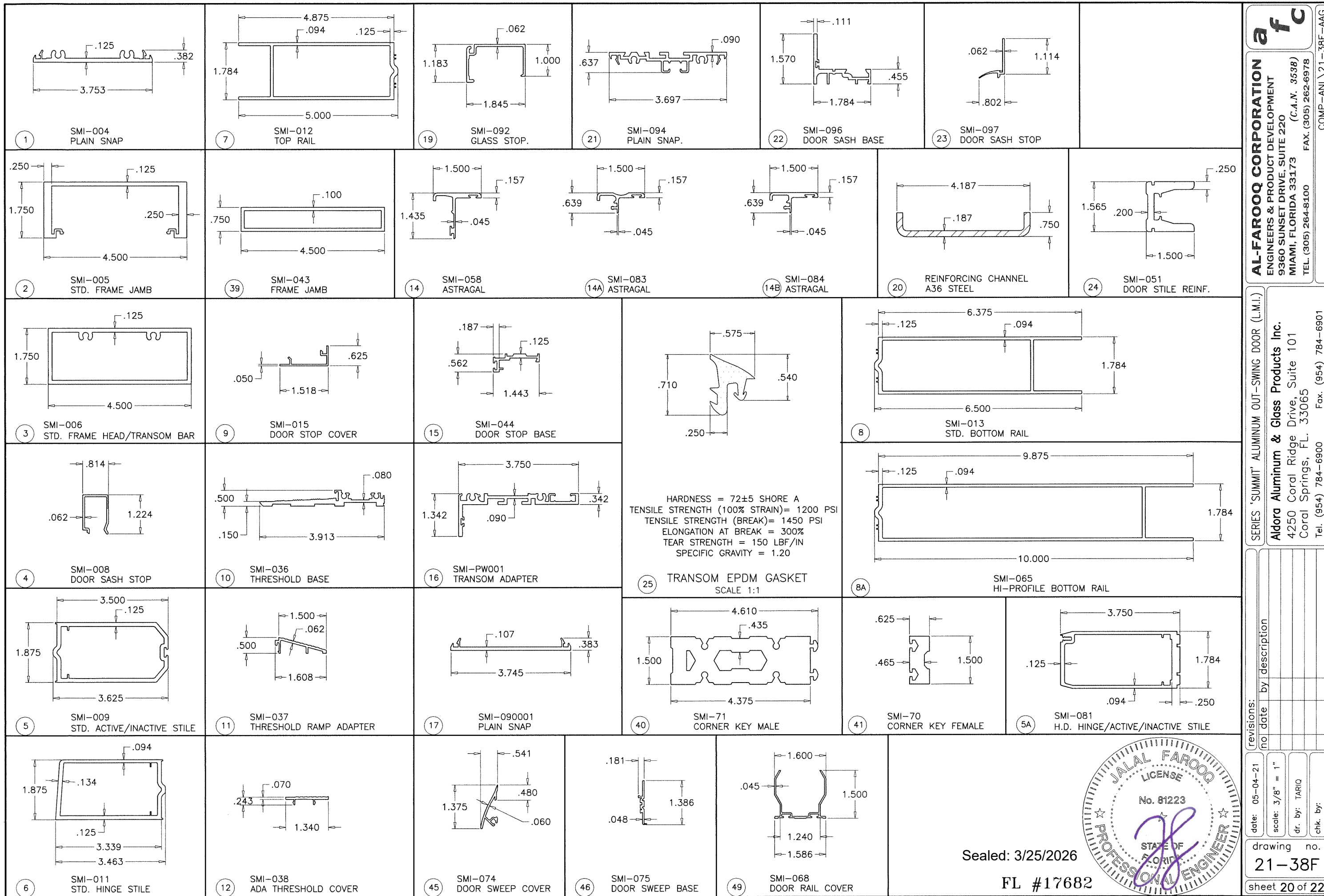
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dr. by: TARIQ
chk. by:

drawing no.
21-38F
sheet 19 of 22



HARDNESS = 72±5 SHORE A
 TENSILE STRENGTH (100% STRAIN) = 1200 PSI
 TENSILE STRENGTH (BREAK) = 1450 PSI
 ELONGATION AT BREAK = 300%
 TEAR STRENGTH = 150 LBF/IN
 SPECIFIC GRAVITY = 1.20



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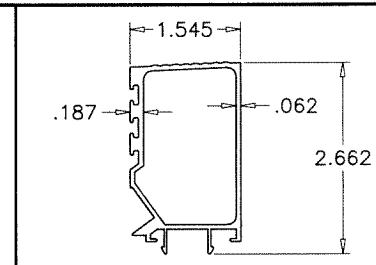
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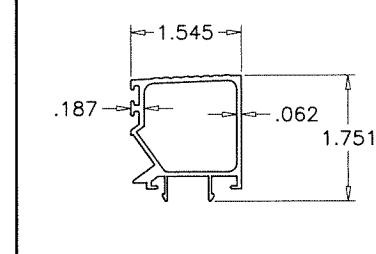
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 chk. by:
 drawing no. 21-38F
 sheet 20 of 22

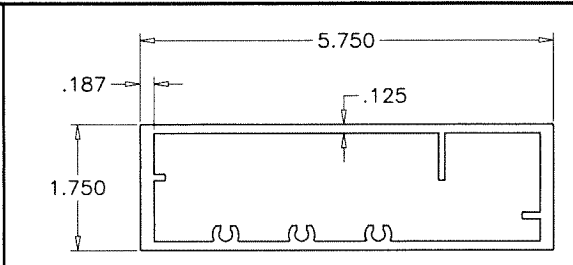
ITEM #	PART #	REQ'D	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI-004	AS REQ'D	PLAIN SNAP	6063-T6	-
2	SMI-005	AS REQ'D	STD. FRAME JAMB	6063-T6	-
2A	SMI-078	AS REQ'D	DEEP FRAME JAMB	6063-T6	-
3	SMI-006	AS REQ'D	STD. FRAME HEAD/TRANSOM BAR	6063-T6	-
3A	SMI-077	AS REQ'D	STD. FRAME HEAD/TRANSOM BAR	6063-T6	-
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 REQ'D	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 REQ'D	REINFORCING CHANNEL (TRANSOM)	A36 STEEL	-
20A	-	AS REQ'D	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 REQ'D	PUSH-IN, DOOR PERIMETER SEALING	RIGID PVC	CENTRAL PLASTICS INC.
45	SMI-074	AS REQ'D	DOOR SWEEP COVER	6063-T6	-
46	SMI-075	AS REQ'D	DOOR SWEEP BASE	6063-T6	-
47	SMI-G19	AS REQ'D	DOOR SWEEP GASKET	VINYL	MELTPPOINT PLASTICS
48	#8 X 3/4"	AS REQ'D	DOOR SWEEP BASE FASTENERS	ST. STEEL	P. HD. PH SMS
49	SMI-068	AS REQ'D	DOOR RAIL COVER	6063-T6	-
50	SMI-W01	AS REQ'D	WOOL PILE	PILE	ULTRAFAB
51	#10 X 3/4"	2/ CORNER	THRESHOLD ASSEMBLY FASTENERS	ST. STEEL	PH SMS



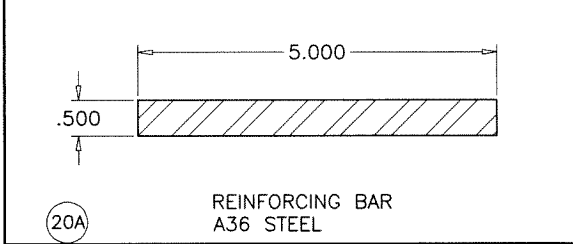
13 SMI-039 HI-RISE THRESHOLD COVER



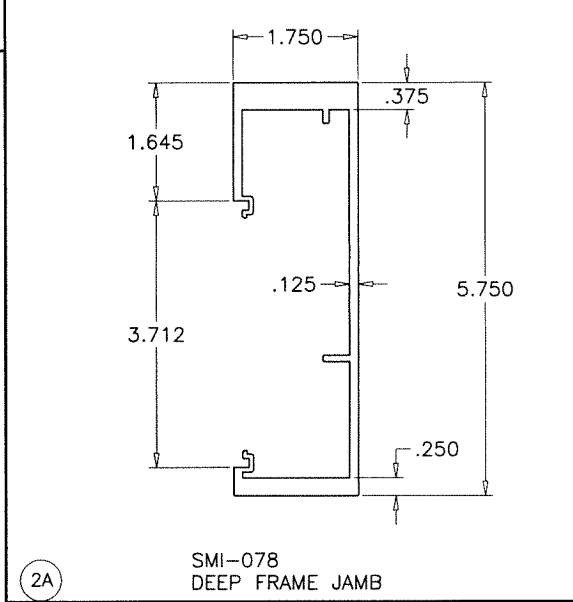
13A SMI-066 MID-RISE THRESHOLD COVER



3A SMI-077 DEEP FRAME HEAD/TRANSOM BAR



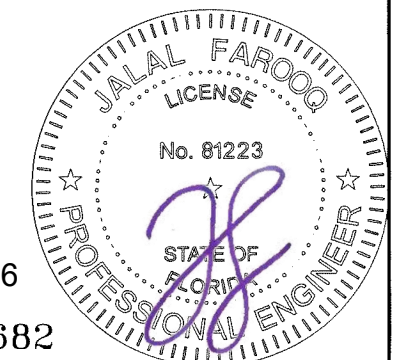
20A REINFORCING BAR A36 STEEL



2A SMI-078 DEEP FRAME JAMB

SEALANTS:

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



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