

SERIES 9000-10
ALUMINUM OUTSWING ENTRANCE DOOR

SEE SHEETS 2 & 2.1 FOR DESIGN LOAD CAPACITY OF SINGLE AND DOUBLE DOORS WITHOUT TRANSOMS.

SEE SHEETS 3 & 4 FOR DESIGN LOAD CAPACITY OF SINGLE AND DOUBLE DOORS WITH TRANSOMS.

LOWER VALUES FROM DOOR CAPACITY OR TRANSOM CAPACITY CHART WILL APPLY.

DOORS CAN ALSO BE USED WITH E.S. WINDOWS SERIES 9500 OR SERIES 8000 WINDOW WALL SYSTEMS UNDER SEPARATE APPROVAL.

SEE SEPARATE APPROVALS FOR E.S. WINDOWS SERIES 9500 AND SERIES 8000 WINDOW WALL DOOR MULLION CAPACITIES.

LOWER VALUES FROM DOOR CAPACITY CHARTS OR WINDOW WALL APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DOORS WITH HIGH THRESHOLD (ES-9026) APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. STANDARD AND MEDIUM THRESHOLDS NOT APPROVED FOR WATER INFILTRATION RESISTANCE. SEE SHEET 6 FOR DETAILS.

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

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

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

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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

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

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

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.

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 15.250" (STD. THRESHOLD)

D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 15.750" (MED. & HIGH THRESHOLDS)

D.L.O. WIDTH (DOOR) = FRAME WIDTH - 14.0625"

D.L.O. HEIGHT (ES-9500 TRANSOM) = TRANSOM HEIGHT - 5"

D.L.O. WIDTH (ES-9500 TRANSOM) = FRAME WIDTH - 7"

D.L.O. HEIGHT (ES-8000 TRANSOM) = TRANSOM HEIGHT - 5.5"

D.L.O. WIDTH (ES-8000 TRANSOM) = FRAME WIDTH - 5.5"

LEAF HEIGHT = FRAME HEIGHT - 2.938" (STD. THRESHOLD)

LEAF HEIGHT = FRAME HEIGHT - 2.438" (MED. & HIGH THRESHOLDS)

LEAF WIDTH = FRAME WIDTH - 5.188"

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

Sealed: 03/20/2026

FL #22527

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.



afc

AL-FAROOQ CORPORATION
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MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\18-58F-ES

SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:

no	date	by	description
C	10.03.22		LEVEL E IMPACT DOOR ADDED
D	08.22.23		SILICONE OPTION ADDED
E	06.17.25		PANIC DEVICE REV. TO FALCON
F	02.27.26		INSUL. GLASS MUNTIN ADDED

date: 05-22-18
scale: -
dr. by: TARIQ
chk. by:

drawing no.
18-58F

sheet 1 of 21

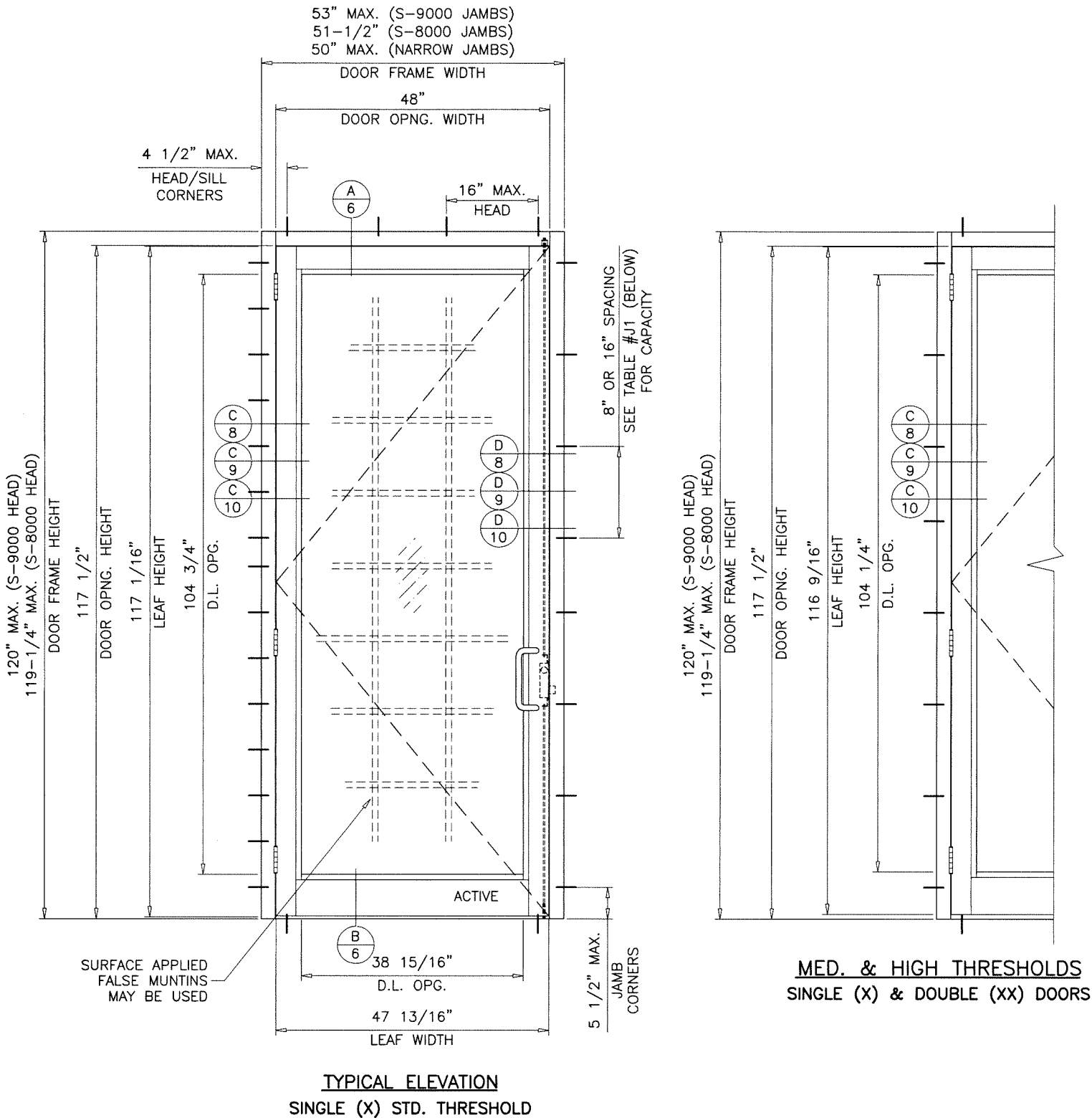
DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)			
SINGLE DOOR (X) DIMS.		GLASS TYPES 'A' & 'Ai'	
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)
42"	108"	90.0	90.0

DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)			
SINGLE DOOR (X) DIMS.		GLASS TYPES 'B' & 'Bi'	
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)
48"	117-1/2"	90.0	90.0

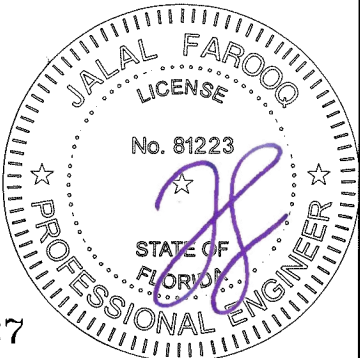
DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)			
SINGLE DOOR (X) DIMS.		GLASS TYPE 'BB'	
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)
38"	113-1/2"	114.0	114.0
41"	105-1/2"		

TABLE #J1		SINGLE DOOR JAMB ANCHORS LOAD CAPACITY – PSF								
SINGLE DOOR DIMS.		1/4” SHIM SPACE			3/8” SHIM SPACE			1/2” SHIM SPACE		
		SPACING AT 16” O.C.		AT 8” O.C.	SPACING AT 16” O.C.		AT 8” O.C.	SPACING AT 16” O.C.		AT 8” O.C.
		ANCHOR 'A'	ANCHOR 'C' & 'D'	ANCHOR 'A','C'&'D'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A' & 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A' & 'C'
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)	EXT.(+) INT.(–)
42”	108”	90.0	90.0	90.0	70.2	90.0	90.0	54.6	79.0	90.0
48”	117–1/2”	88.0	90.0	90.0	62.3	89.0	90.0	48.4	70.0	90.0
38”	113–1/2”	109.0	114.0	114.0	76.9	109.4	114.0	59.8	86.4	114.0
41”	105–1/2”	101.9	114.0	114.0	71.9	102.3	114.0	55.9	80.7	114.0

SEE SHEET 7 FOR ANCHOR DESCRIPTION



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chk. by:

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18-58F

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DOORS LOAD CAPACITY - PSF DOUBLE DOORS (XX)			
DOUBLE DOOR (XX) DIMS.		GLASS TYPES 'A' & 'Ai'	
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)
84"	108"	90.0	90.0

DOORS LOAD CAPACITY - PSF DOUBLE DOORS (XX)			
DOUBLE DOOR (XX) DIMS.		GLASS TYPES 'B' & 'Bi'	
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)
96"	117-1/2"	90.0	90.0

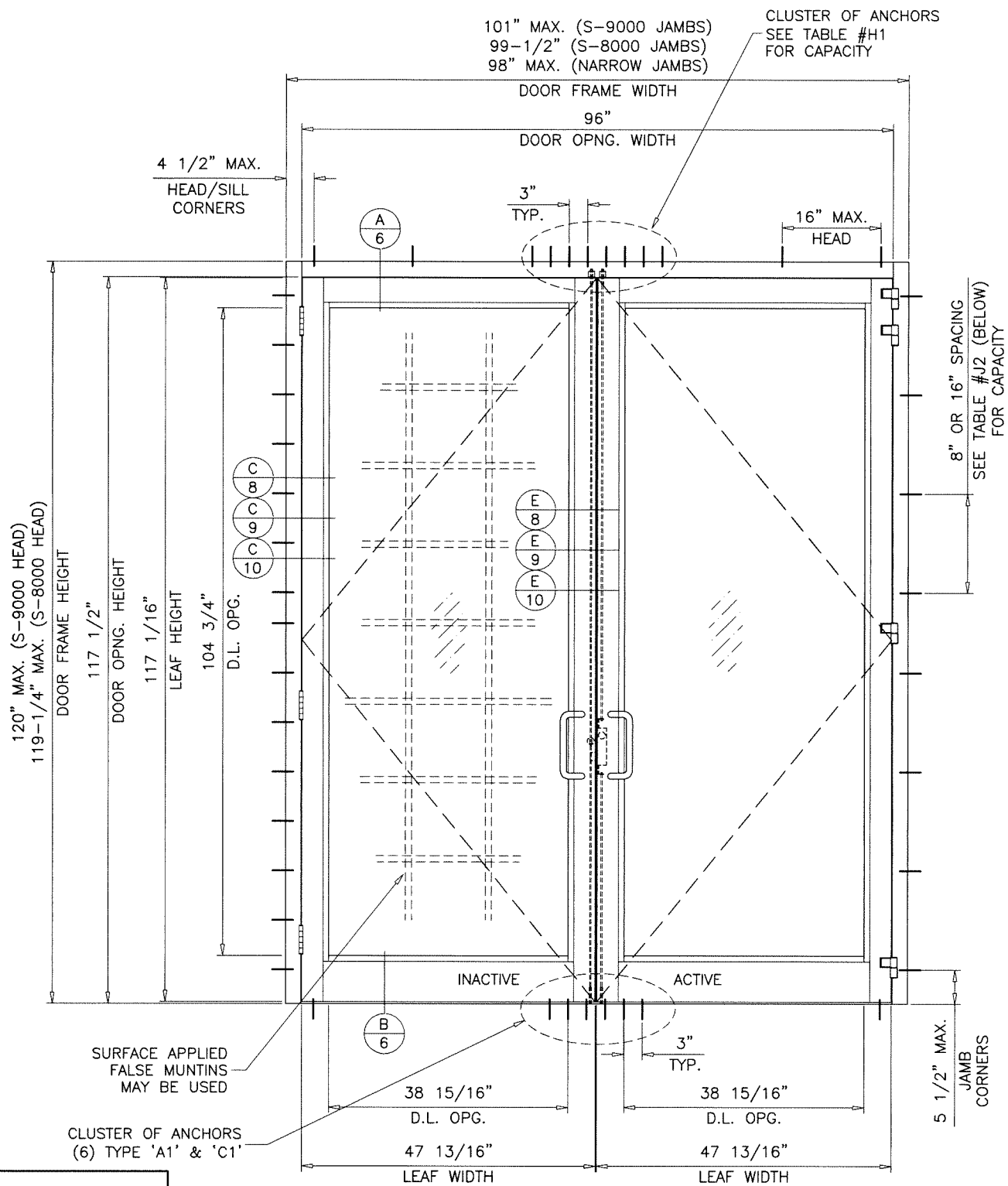
DOORS LOAD CAPACITY - PSF DOUBLE DOORS (XX)			
DOUBLE DOOR (XX) DIMS.		GLASS TYPE 'BB'	
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)
75-7/8"	113-1/2"	114.0	114.0
81-7/8"	105-1/2"		

TABLE #J2		DOUBLE DOOR JAMB ANCHORS LOAD CAPACITY - PSF							
DOUBLE DOOR DIMS.		1/4" SHIM SPACE		3/8" SHIM SPACE		1/2" SHIM SPACE			
		SPACING AT 16" O.C.		SPACING AT 16" O.C.		SPACING AT 16" O.C.			
		ANCHOR 'A', 'C' & 'D'	ANCHOR 'A', 'C', 'D'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A' & 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A' & 'C'
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
84"	108"	90.0	90.0	74.2	90.0	90.0	57.7	83.0	90.0
96"	117-1/2"	90.0	90.0	65.4	90.0	90.0	50.8	73.0	90.0
75-7/8"	113-1/2"	114.0	114.0	81.6	114.0	114.0	63.5	91.7	114.0
81-7/8"	105-1/2"	107.7	114.0	76.0	108.2	114.0	59.1	85.4	114.0

SEE SHEET 7 FOR ANCHOR DESCRIPTION

TABLE #H1		DOUBLE DOOR HEAD ANCHORS LOAD CAPACITY - PSF											
DOOR DIMS.		1/4" SHIM SPACE			3/8" SHIM SPACE				1/2" SHIM SPACE				
		CLUSTER OF 6		CLUSTER OF 8		CLUSTER OF 6		CLUSTER OF 8		CLUSTER OF 6		CLUSTER OF 8	
		ANCHOR 'A', 'C' & 'D'		ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'	ANCHOR 'A'	ANCHOR 'C'
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	EXT.(+) INT.(−)	
84"	108"	90.0	75.2	90.0	75.2	90.0	90.0	90.0	58.5	90.0	75.2	90.0	
96"		90.0	66.2	90.0	66.3	90.0	85.2	90.0	51.5	80.0	66.2	90.0	
84"	117–1/2"	90.0	69.2	90.0	69.2	90.0	89.0	90.0	53.8	78.0	69.2	90.0	
96"		90.0	61.0	90.0	61.0	90.0	78.4	90.0	47.4	72.0	61.0	90.0	
75–7/8"	113–1/2"	111.7	114.0	114.0	78.8	112.2	101.3	114.0	61.3	88.5	78.8	113.8	
81–7/8"	105–1/2"	111.7	114.0	114.0	78.8	112.2	101.3	114.0	61.3	88.5	78.8	113.8	

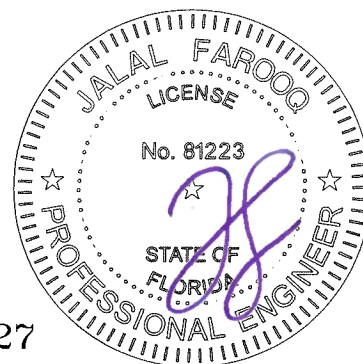
SEE SHEET 7 FOR ANCHOR DESCRIPTION



TYPICAL ELEVATION
DOUBLE (XX) STD. THRESHOLD

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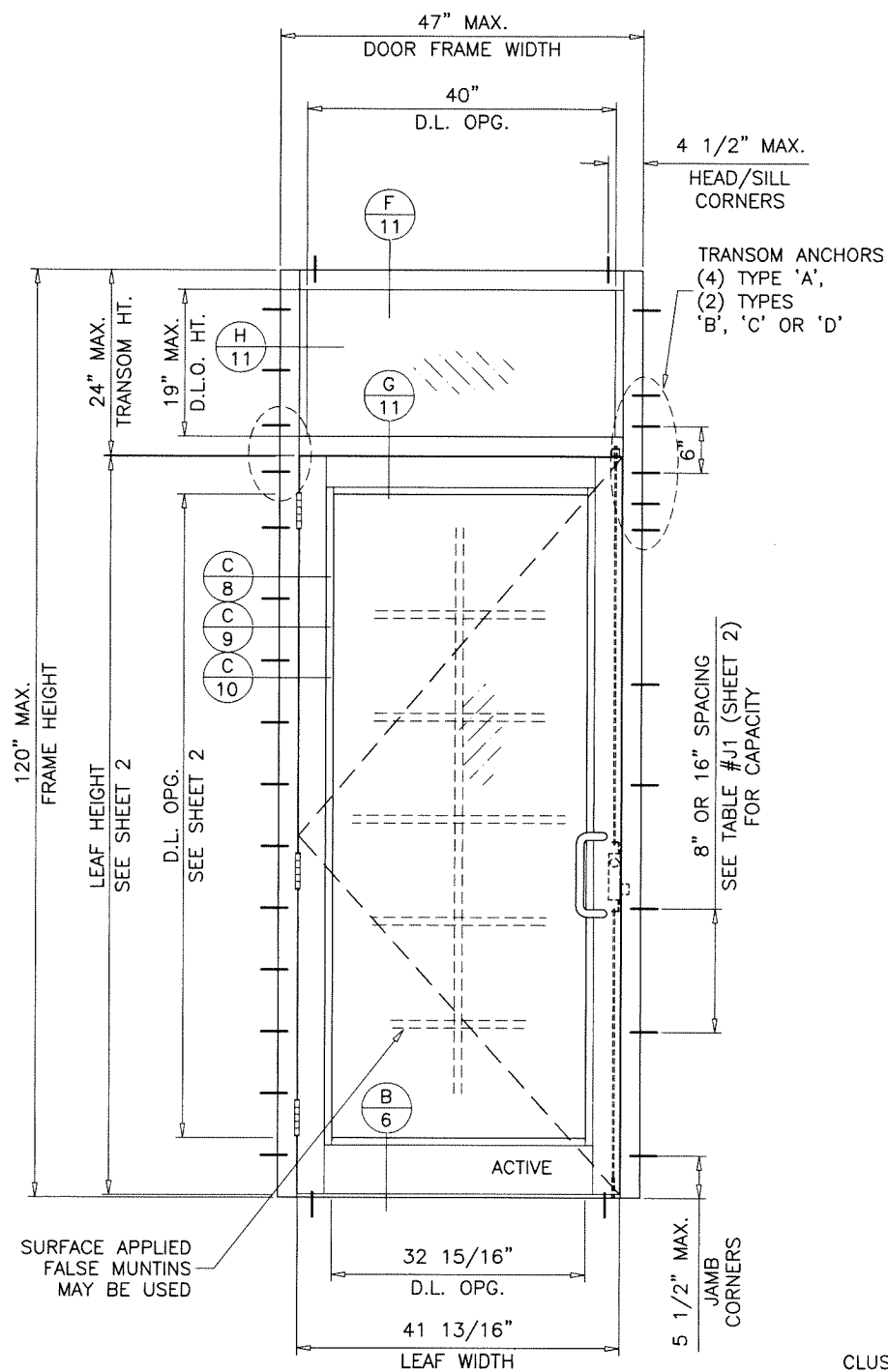
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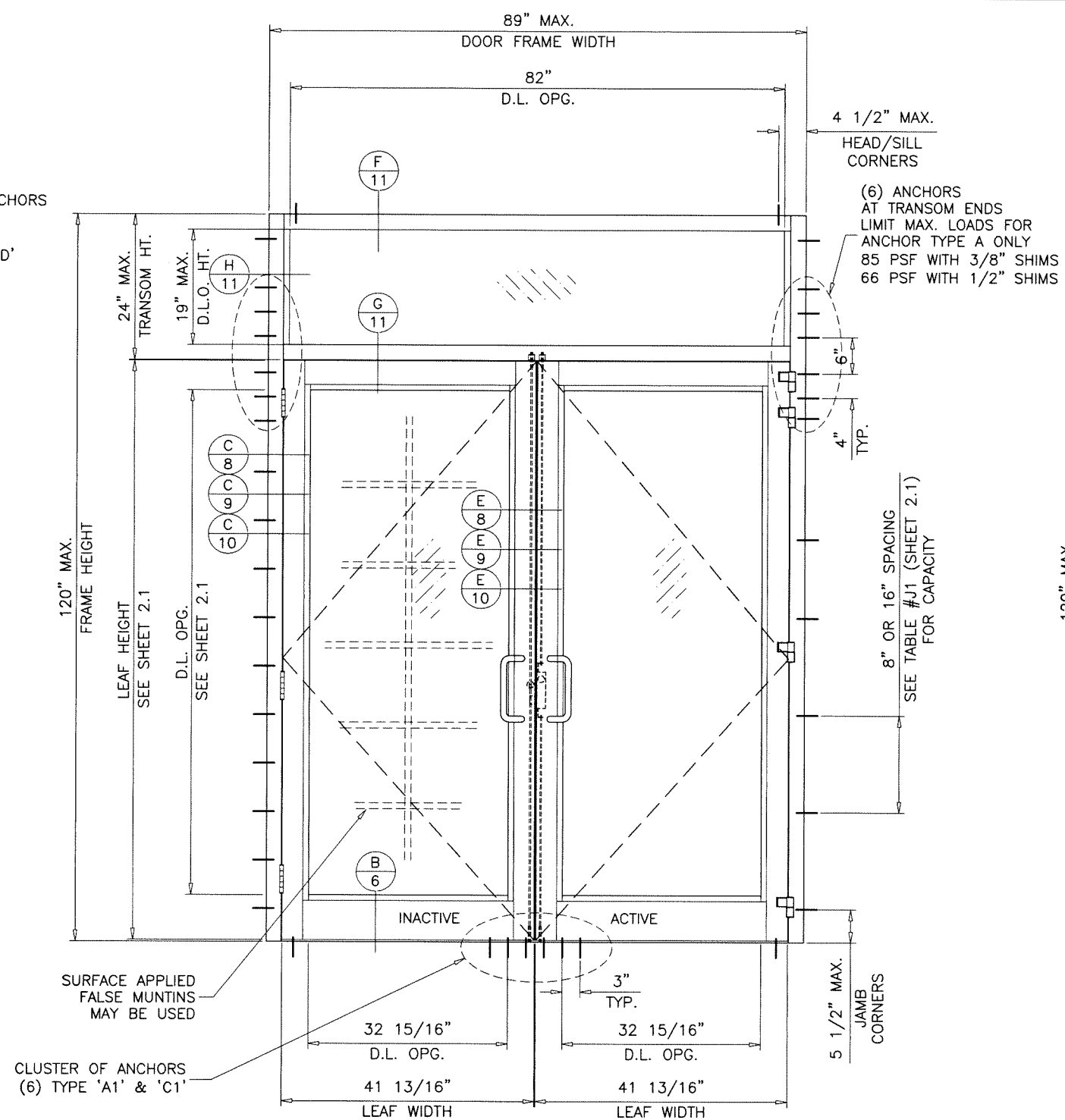
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revisions:		no		date		by		description	
date:		05-22-18		scale:		1/2"=1'-0"		dr. by:	
chk. by:		TARIC		drawing no.		18-58F		sheet 2.1 of 21	



TYPICAL ELEVATION
SINGLE (O/X) STD. THRESHOLD
(ES-9500 TRANSOM)

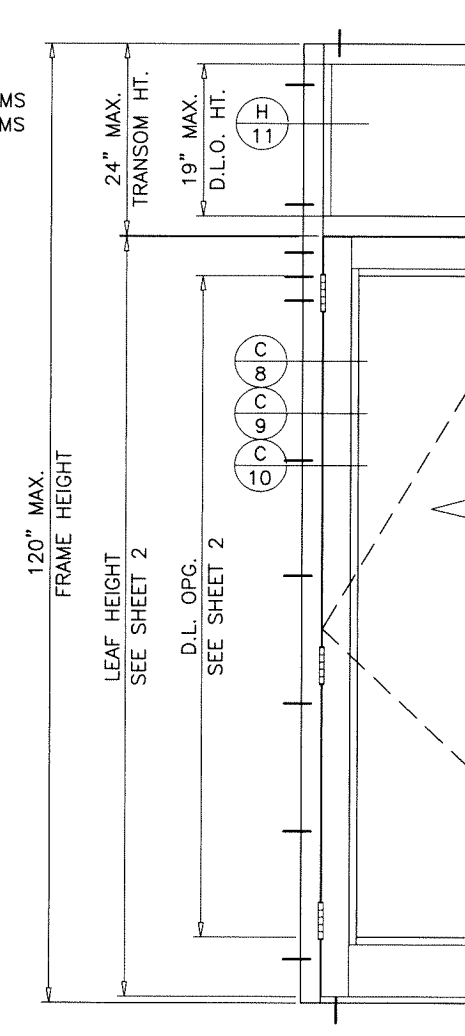
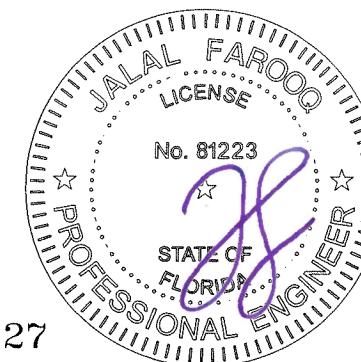
SINGLE DOORS WITH TRANSOM (O/X) CAPACITY - PSI				
GLASS TYPES 'A', 'Ai' & 'B', 'Bi' (DOOR)				
GLASS TYPES 'A', 'B' & 'Ci' (TRANSOM)				
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	EXT.(+)	INT.(-)
47" (X)	108"	12"	90.0	90.0



TYPICAL ELEVATION
DOUBLE (O/XX) STD. THRESHOLD
(ES-9500 TRANSOM)

DOUBLE DOORS WITH TRANSOM (O/XX) CAPACITY - PSF				
GLASS TYPES 'A', 'Ai' & 'B', 'Bi' (DOOR)				
GLASS TYPES 'A', 'B' & 'Ci' (TRANSOM)				
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	EXT.(+)	INT.(-)
89" (XX)	108"	12"	90.0	90.0

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SEE SHEETS 2 AND 2.1 FOR DOOR GLASS OPTIONS

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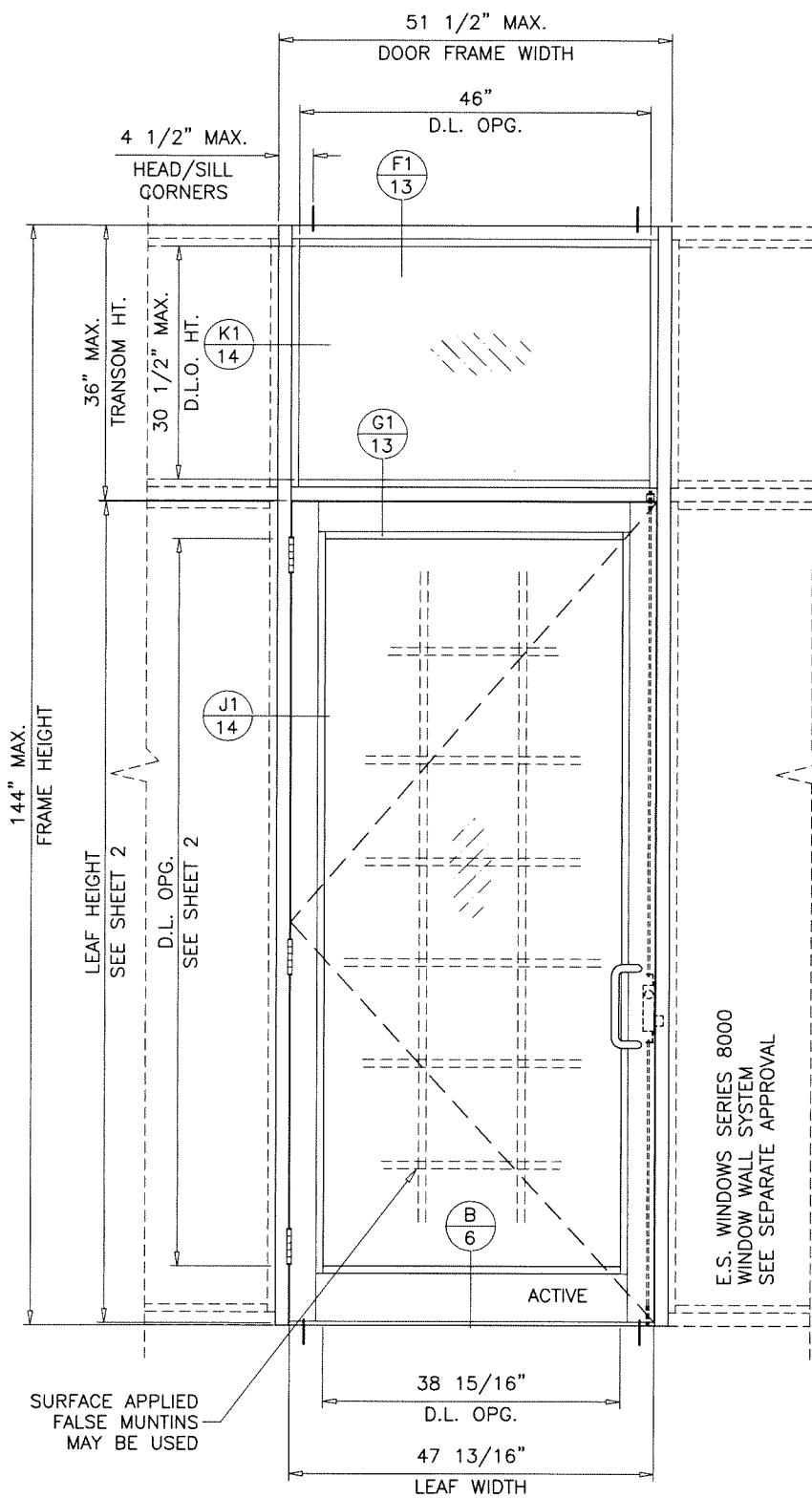
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chk. by:	

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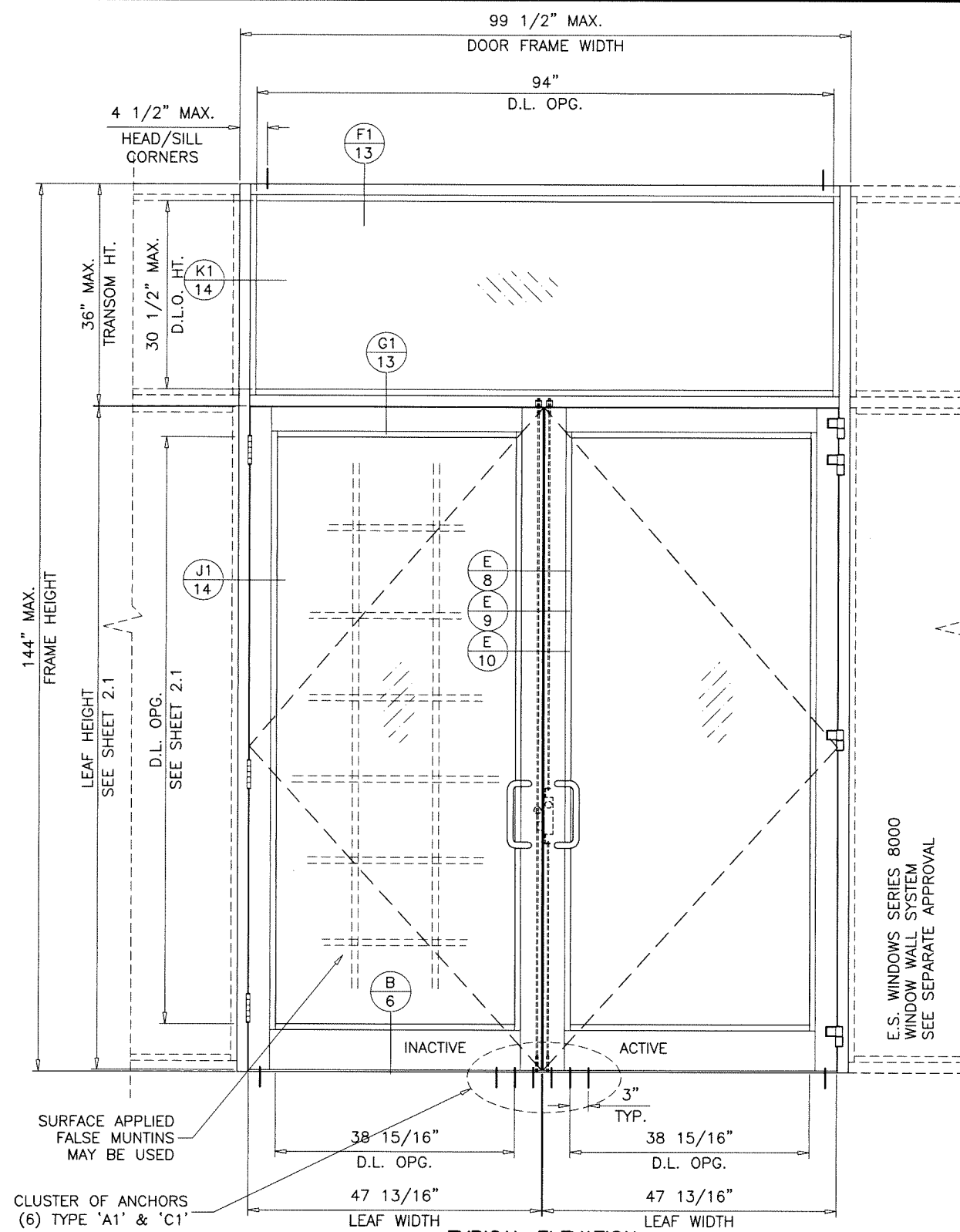
sheet 3 of 21



TYPICAL ELEVATION
SINGLE (O/X) STD. THRESHOLD
(ES-8000 TRANSOM)

SINGLE DOORS WITH TRANSOM (O/X) CAPACITY - PSF GLASS TYPE 'B' (TRANSOM)				
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	WITHOUT REINF.	
			EXT.(+)	INT.(-)
51-1/2" (X)	108"	12"	90.0	90.0
		18"	90.0	90.0
		24"	90.0	90.0
		30"	90.0	90.0
		36"	90.0	90.0

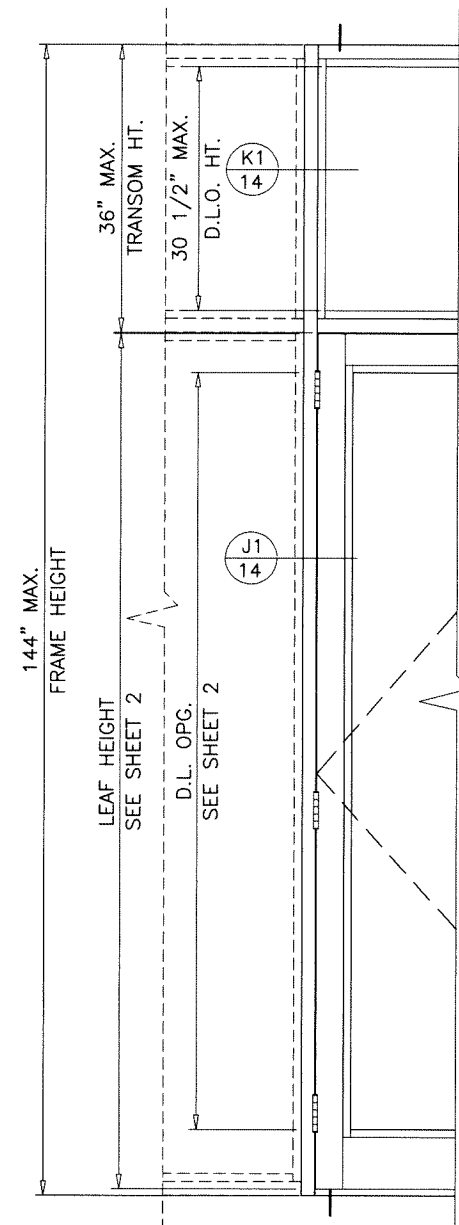
SEE SHEETS 2 AND 2.1
FOR DOOR GLASS OPTIONS



TYPICAL ELEVATION
DOUBLE (O/XX) STD. THRESHOLD
(ES-8000 TRANSOM)

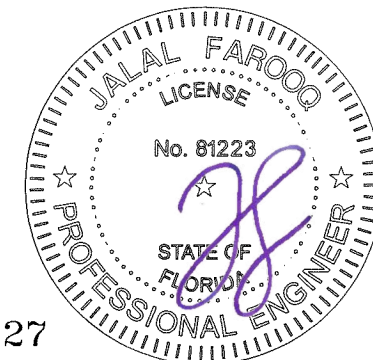
DOUBLE DOORS WITH TRANSOM (O/XX) CAPACITY - PSF GLASS TYPE 'B' (TRANSOM)				
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	WITH REINF.	
			EXT.(+)	INT.(-)
99-1/2" (XX)	108"	12"	90.0	90.0
		18"	90.0	90.0
		24"	90.0	90.0
		30"	90.0	90.0
		36"	90.0	90.0

SEE SHEET 12
FOR REINF. DETAIL



MED. & HIGH THRESHOLDS
SINGLE (X) & DOUBLE (XX) DOORS

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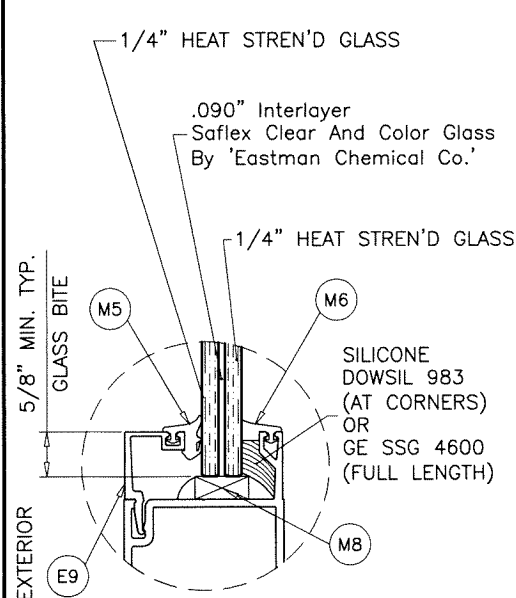
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revisions:		by description	
no	date		

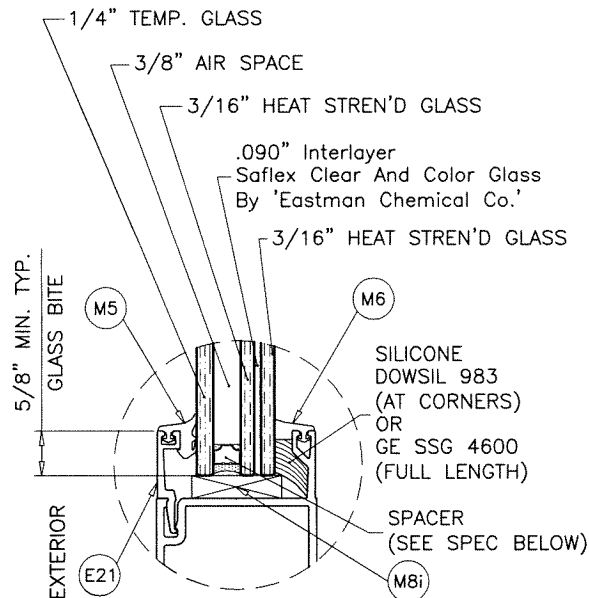
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chk. by:

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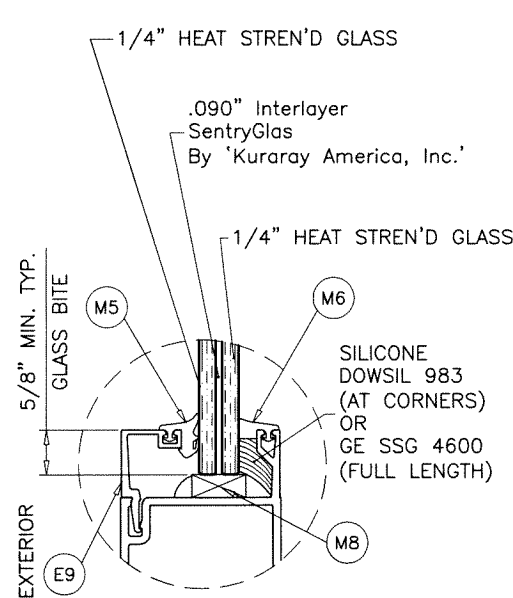
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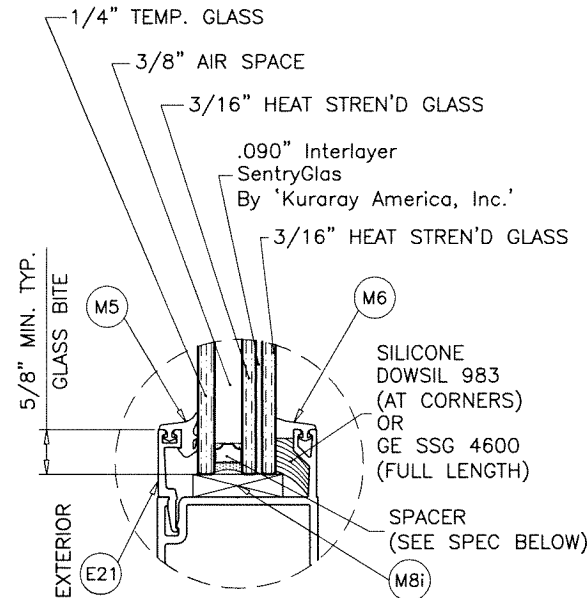
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9/16" OVERALL LAM. GLASS



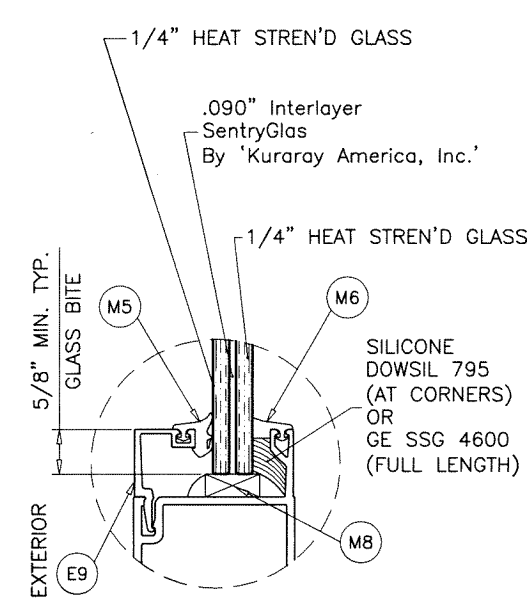
GLASS TYPE 'Ai'
1-1/8" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'B'
9/16" OVERALL LAM. GLASS

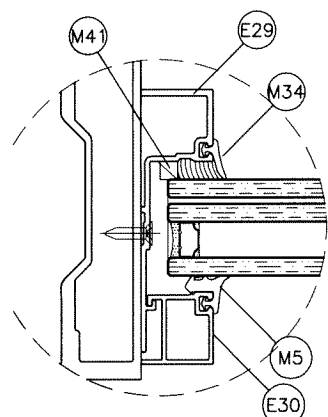
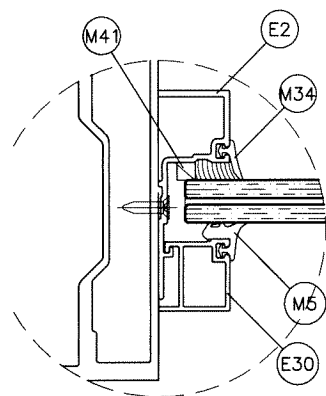


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1-1/8" OVERALL INSUL. LAM. GLASS

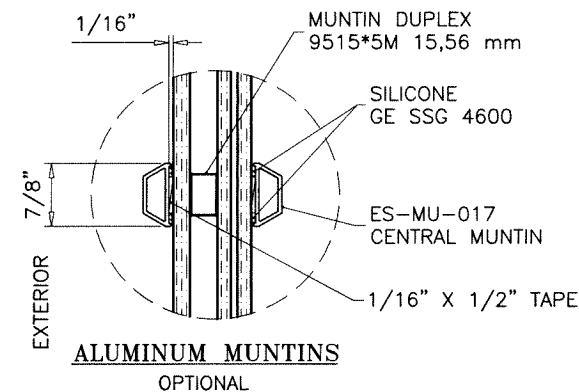
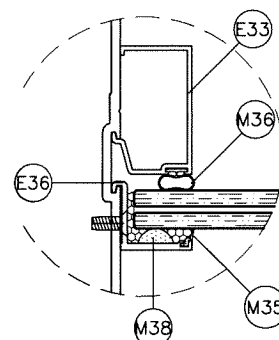


GLASS TYPE 'BB'
9/16" OVERALL LAM. GLASS

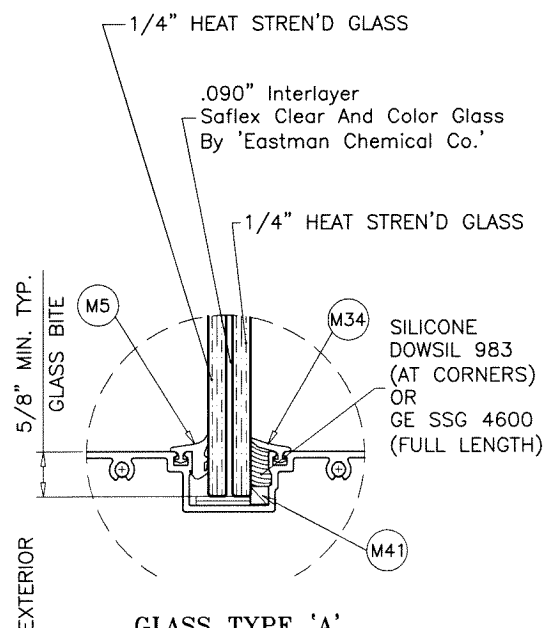
GLAZING OPTIONS (LEVEL 'D' IMPACT)
DOOR LEAF



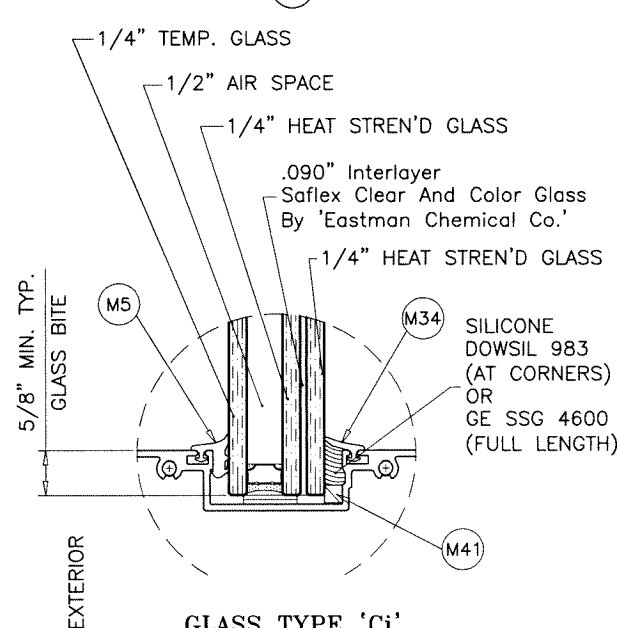
3/8" & 1/2" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000



ALUMINUM MUNTINS
OPTIONAL

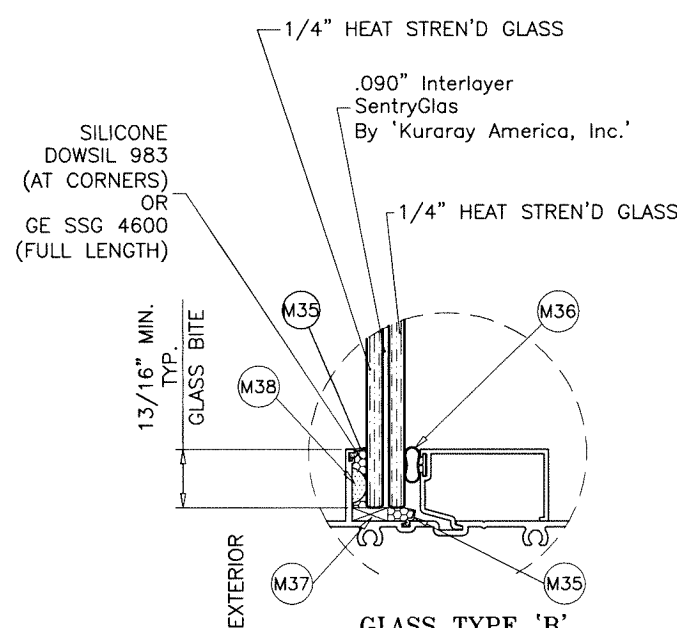


GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



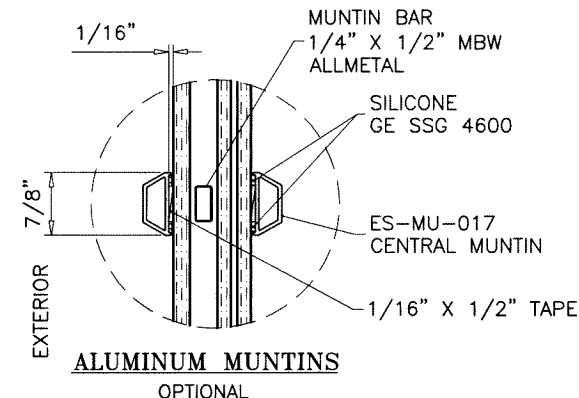
GLASS TYPE 'Ci'
1-5/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS (LEVEL 'D' IMPACT)
TRANSOM (ES-9500)



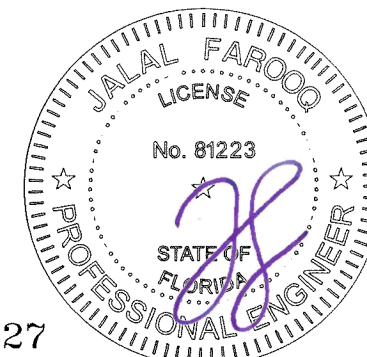
GLASS TYPE 'B'
9/16" OVERALL LAM. GLASS

GLAZING DETAIL (LEVEL 'D' IMPACT)
TRANSOM (ES-8000)



ALUMINUM MUNTINS
OPTIONAL

Sealed: 03/20/2026



AL-FAROOQ CORPORATION
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COMP-ANL 18-58F-ES

SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

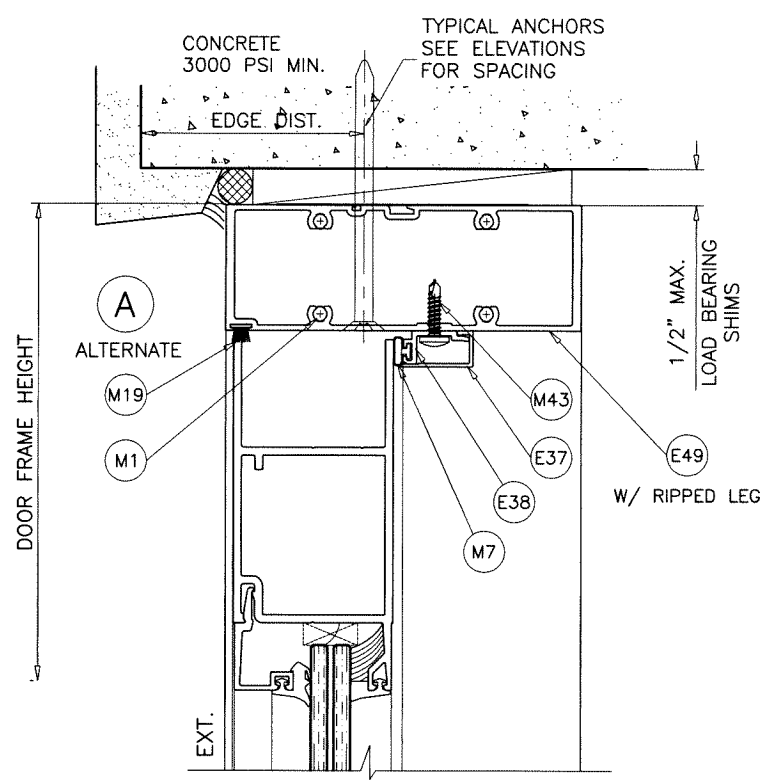
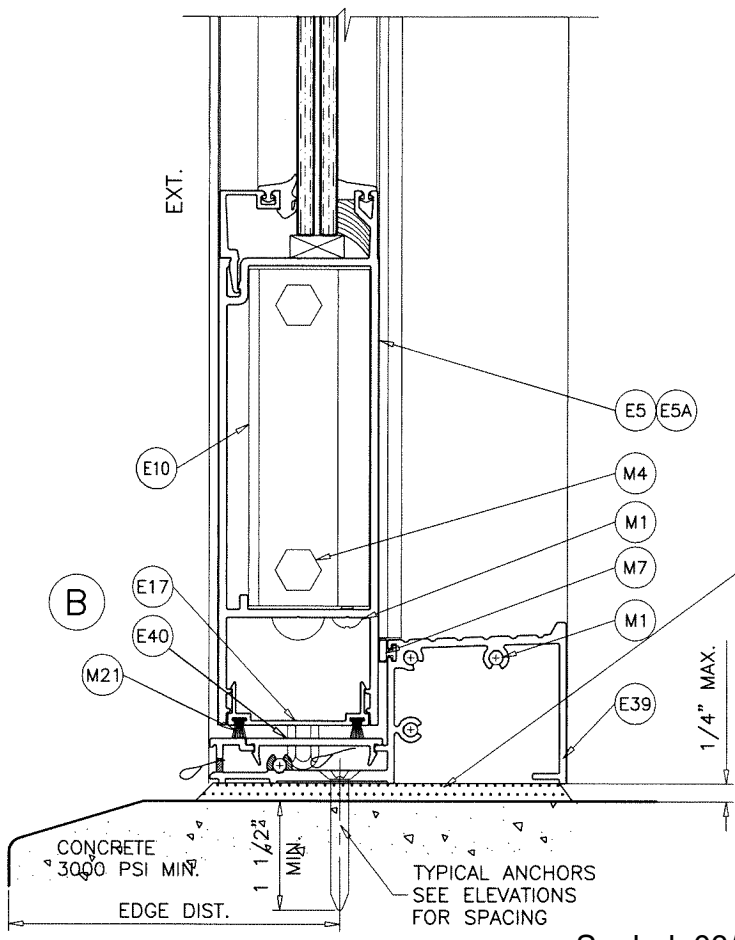
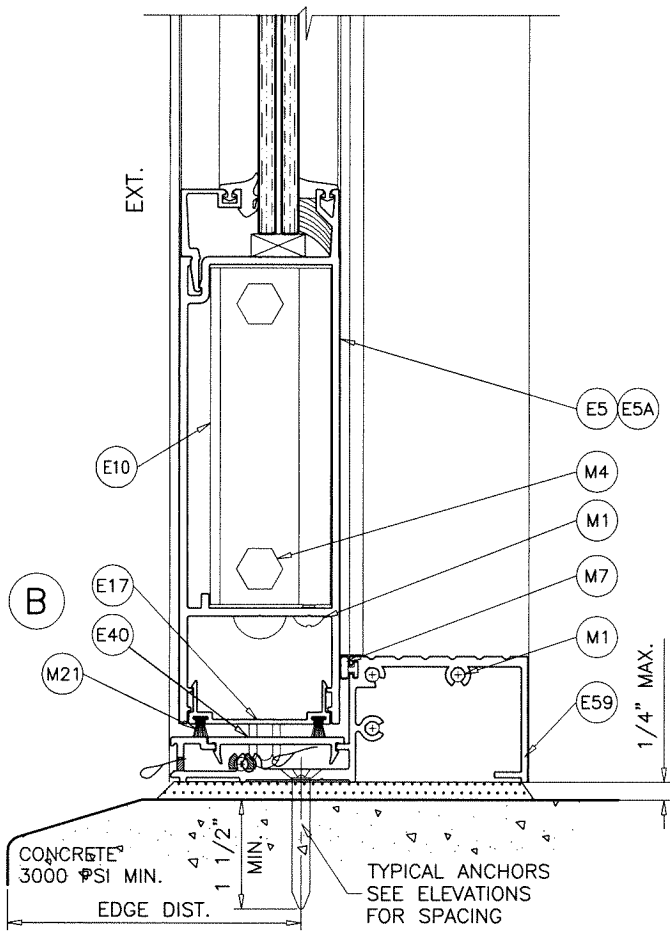
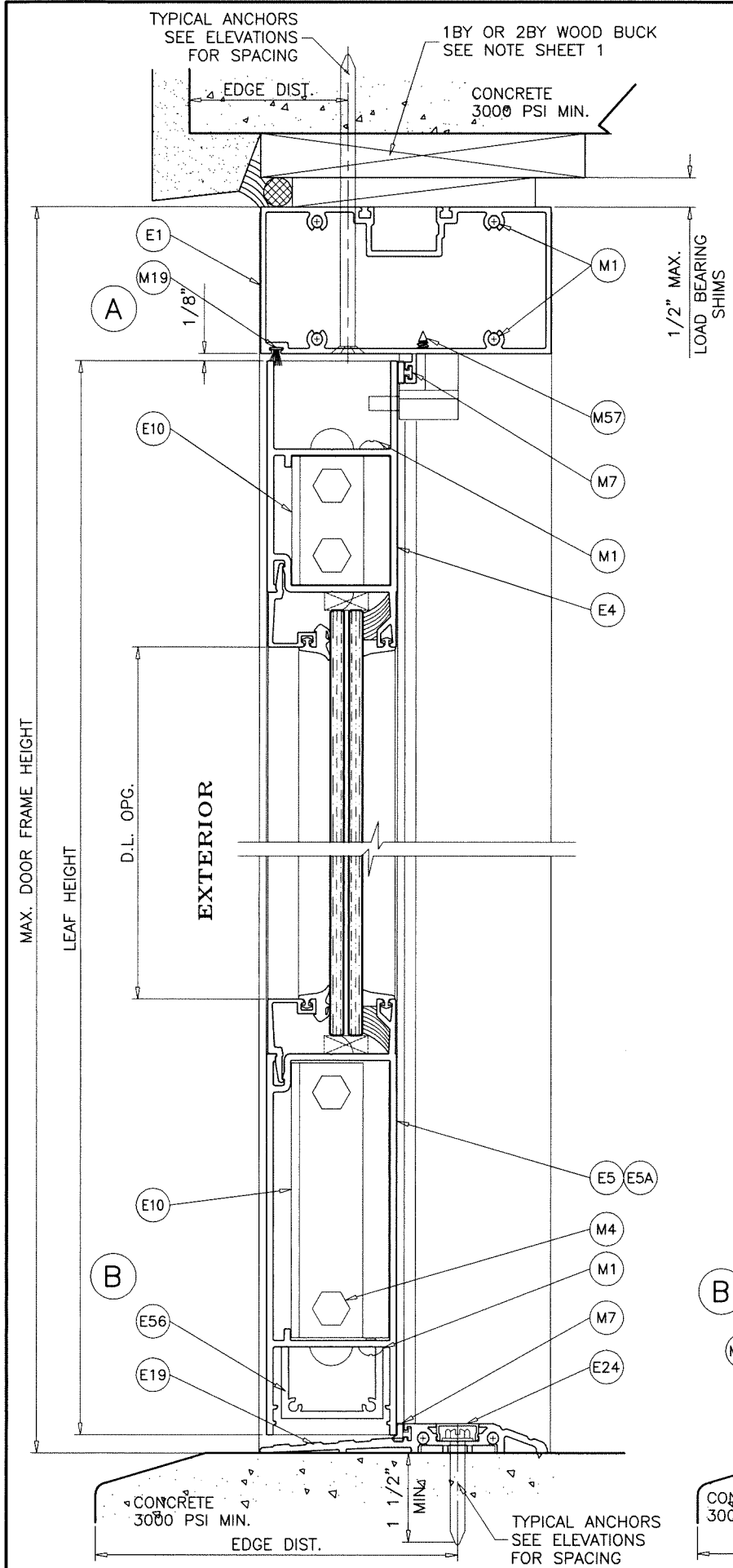
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

revisions:	no	date	by	description

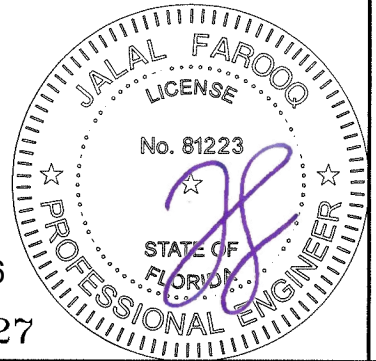
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chk. by:

drawing no.
18-58F
sheet 5 of 21

FL #22527



HIGH STRENGTH GROUT
POURED & HARDENED
f'c = 5000 PSI MIN.
NOT BY 'E.S. WINDOWS'
MUST TRANSFER SHEAR
LOADS TO STRUCTURE



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1X OR 2X WOOD BUCKS AND METAL STRUCTURES NOT BY 'E.S. WDW.'
MUST SUPPORT 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)
THRU 1BY OR 2BY WOOD BUCKS INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (THRU 2BY BUCKS) (JAMBS)
1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (THRU 1BY BUCKS) (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.

TYPE 'C' - 5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
THRU 1BY OR 2BY WOOD BUCKS INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (THRU 2BY BUCKS) (JAMBS)
1-3/4" MIN. EMBED INTO GROUT FILLED BLOCKS (THRU 1BY BUCKS) (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
2" MIN. EMBED INTO GROUT FILLED BLOCKS (JAMBS)

ANCHOR EDGE DISTANCES

INTO CONCRETE AND BLOCKS = 3-1/8" MIN.
INTO WOOD STRUCTURE = 1-1/4" MIN.

TYPE 'D' - 1/4" TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

INTO METAL STRUCTURE = 1/2" MIN.

TYPE 'A1' - 1/4" X 1-3/4" ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE (FOR STD. AND HIGH THRESHOLD)
WITH 1-1/2" MIN. EMBED INTO CONCRETE

ANCHOR EDGE DISTANCES

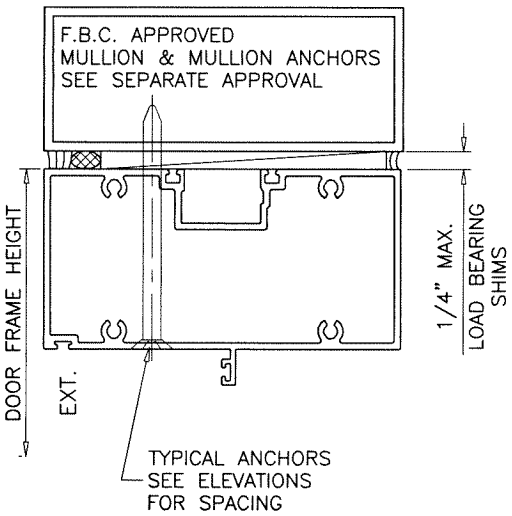
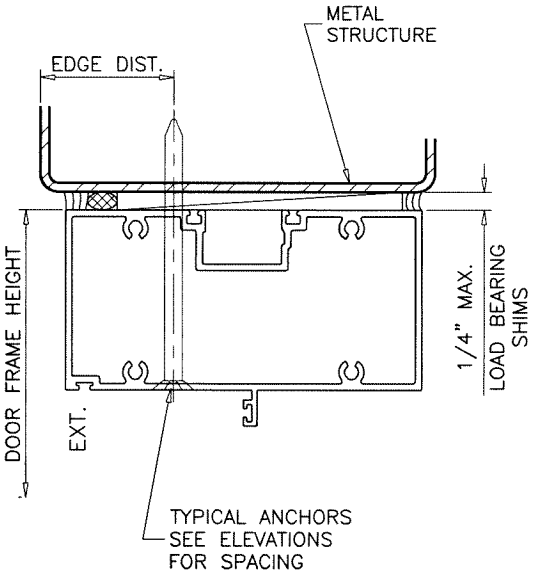
INTO CONCRETE = 2-1/2" MIN.

TYPE 'C1' - 5/16" X 2" ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONCRETE (FOR SADDLE THRESHOLD)
WITH 1-1/2" MIN. EMBED INTO CONCRETE

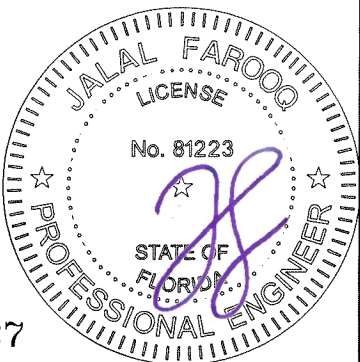
ANCHOR EDGE DISTANCES

INTO CONCRETE = 3-1/8" MIN.

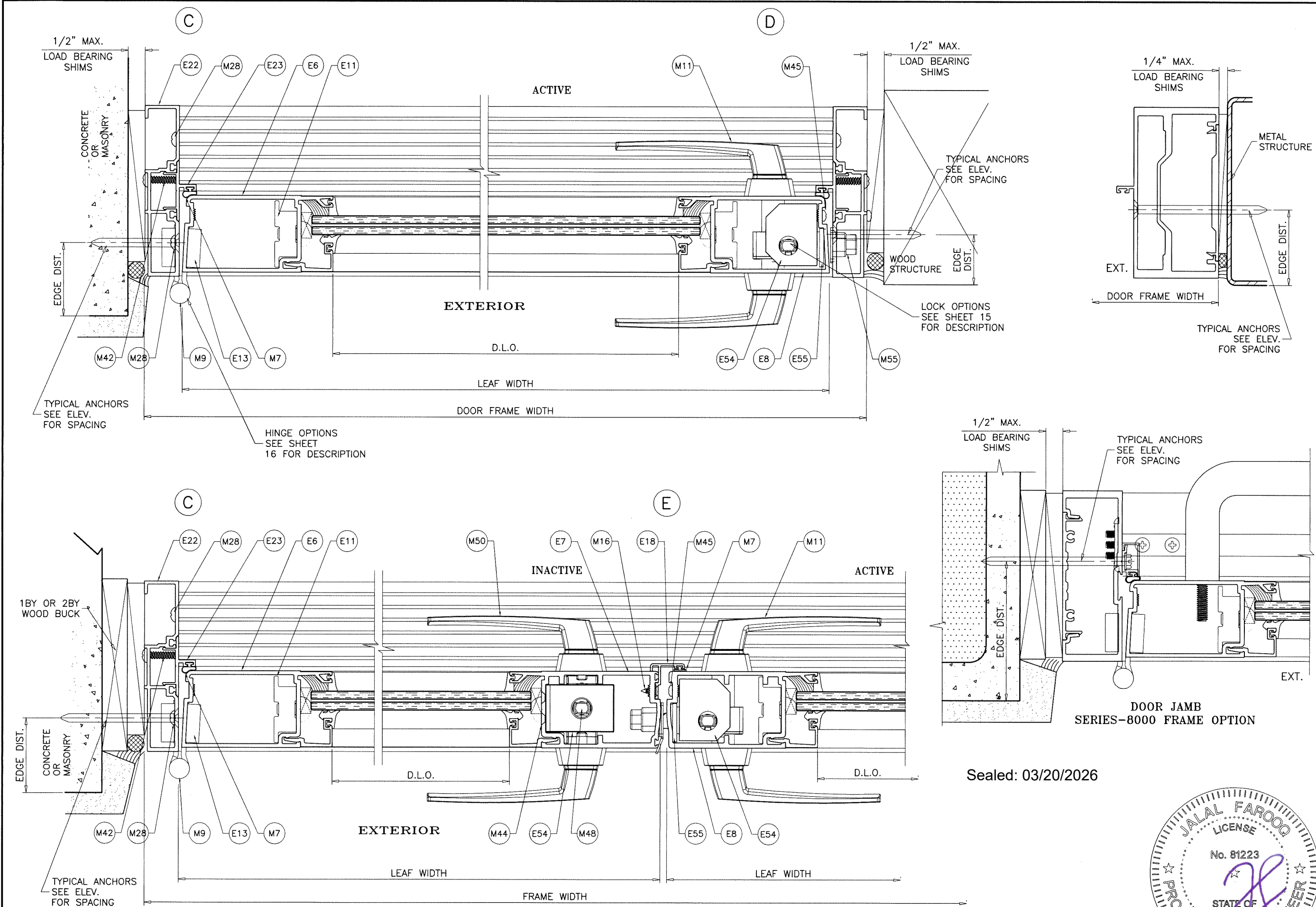
WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 GROUT FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



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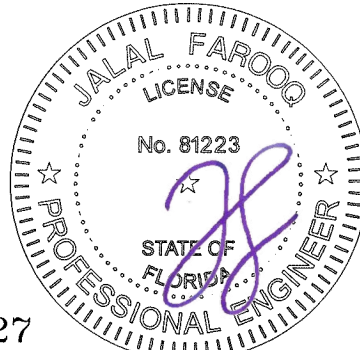


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SERIES-9000-10 ALUM. OUTSWING FRENCH DOOR (L.M.I.)	
E.S. WINDOWS, LLC 3550 N.W. 49 STREET MIAMI, FL. 33142 TEL. (305) 638-5151 FAX. (305) 638-5158	
revisions:	no date by description
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DOOR JAMB
SERIES-8000 FRAME OPTION

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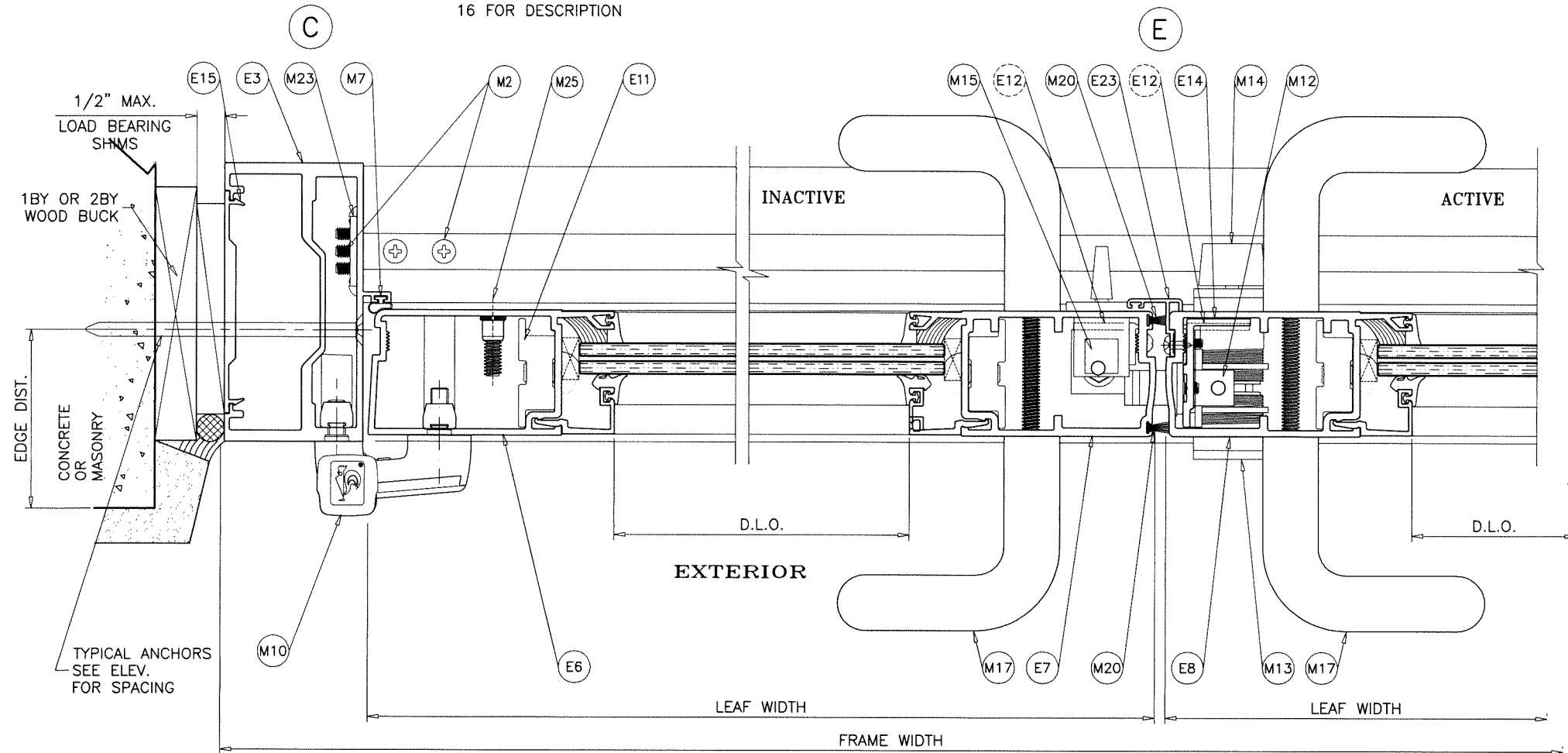
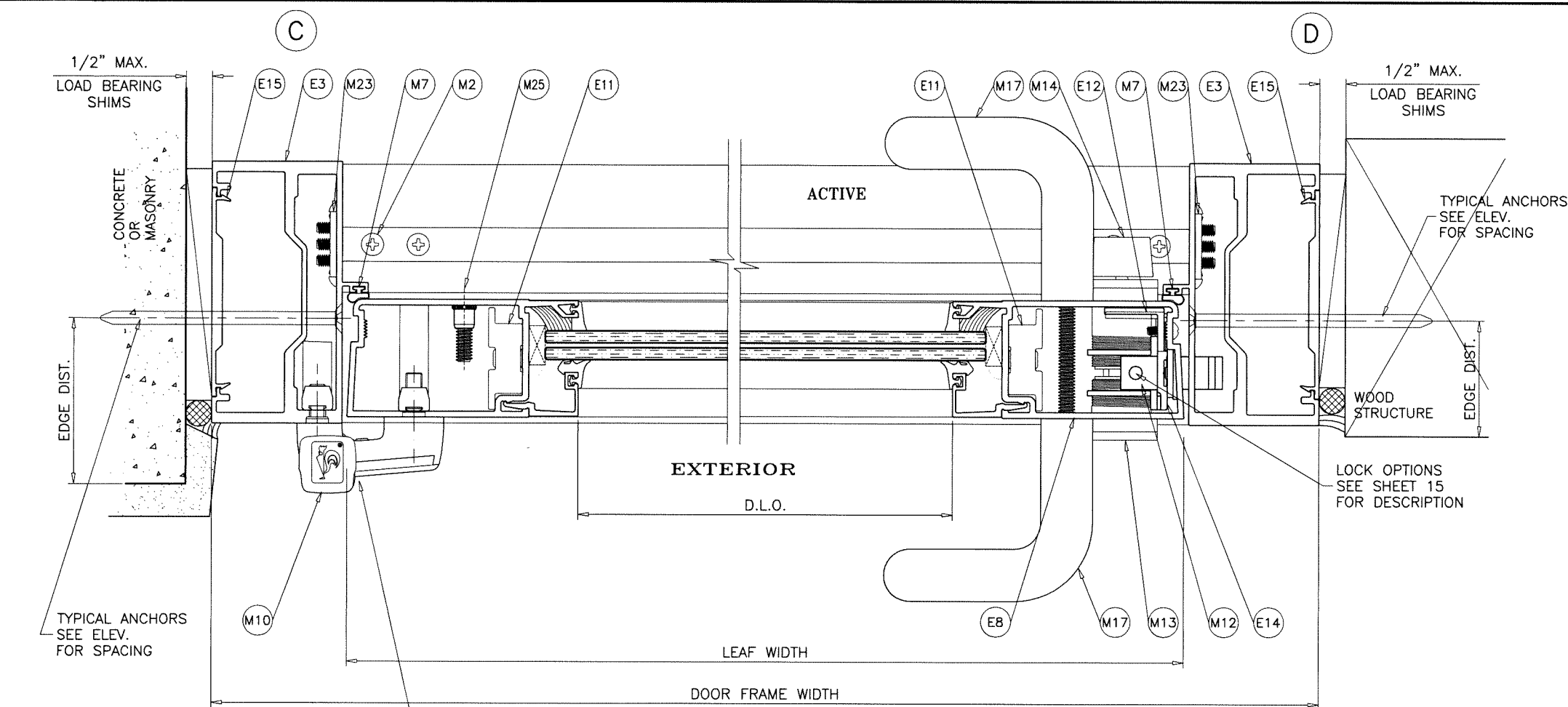
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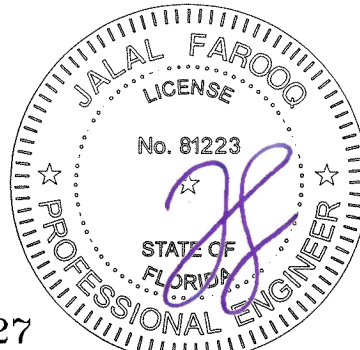
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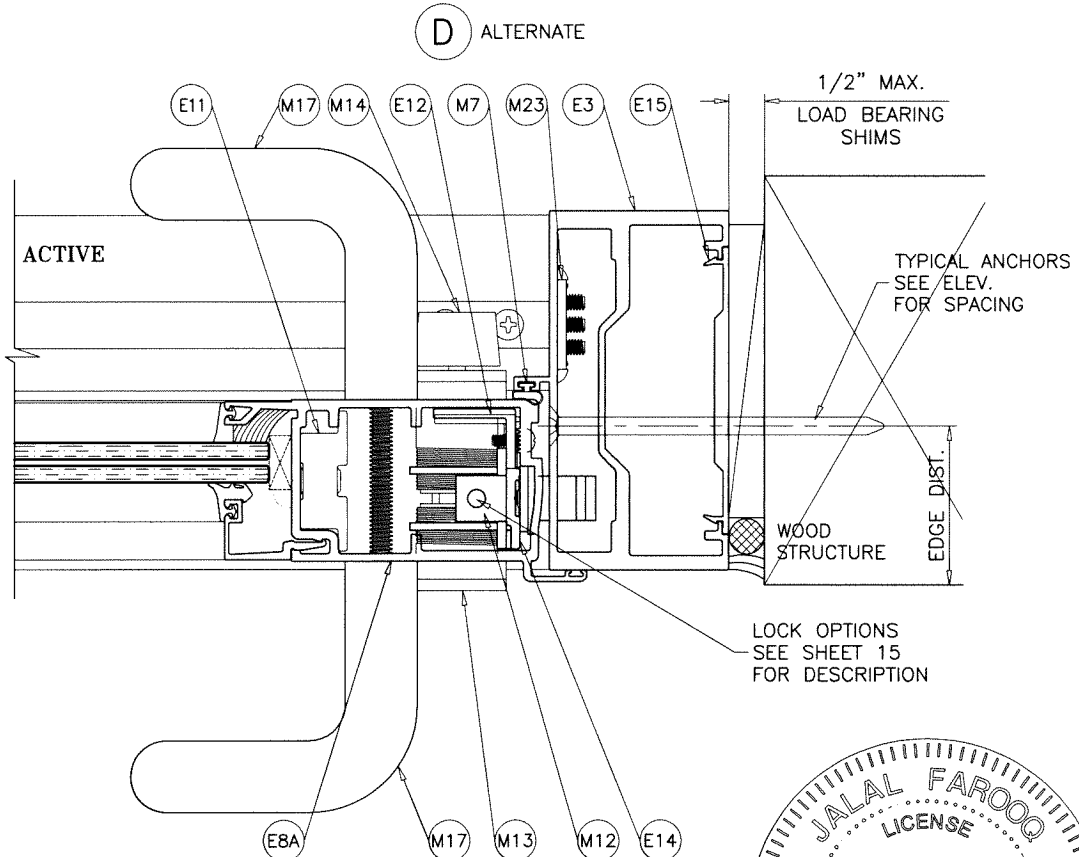
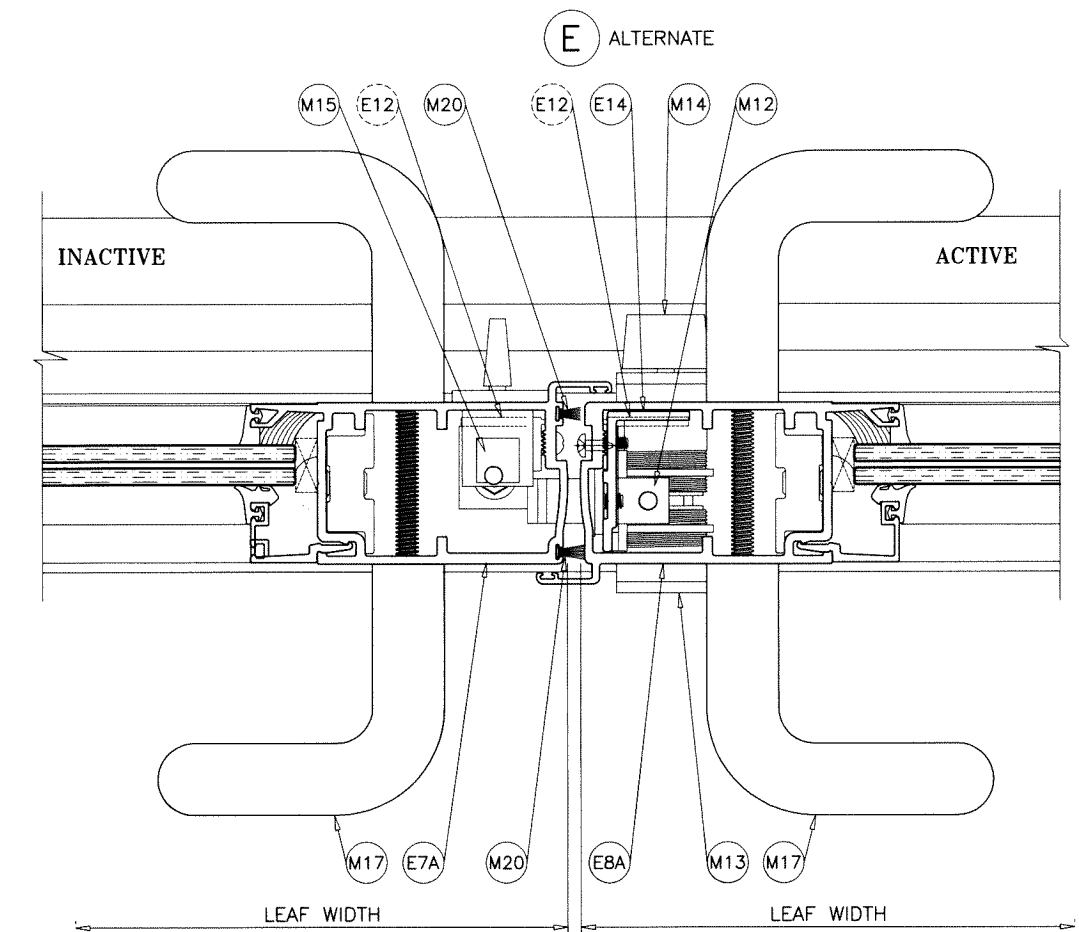
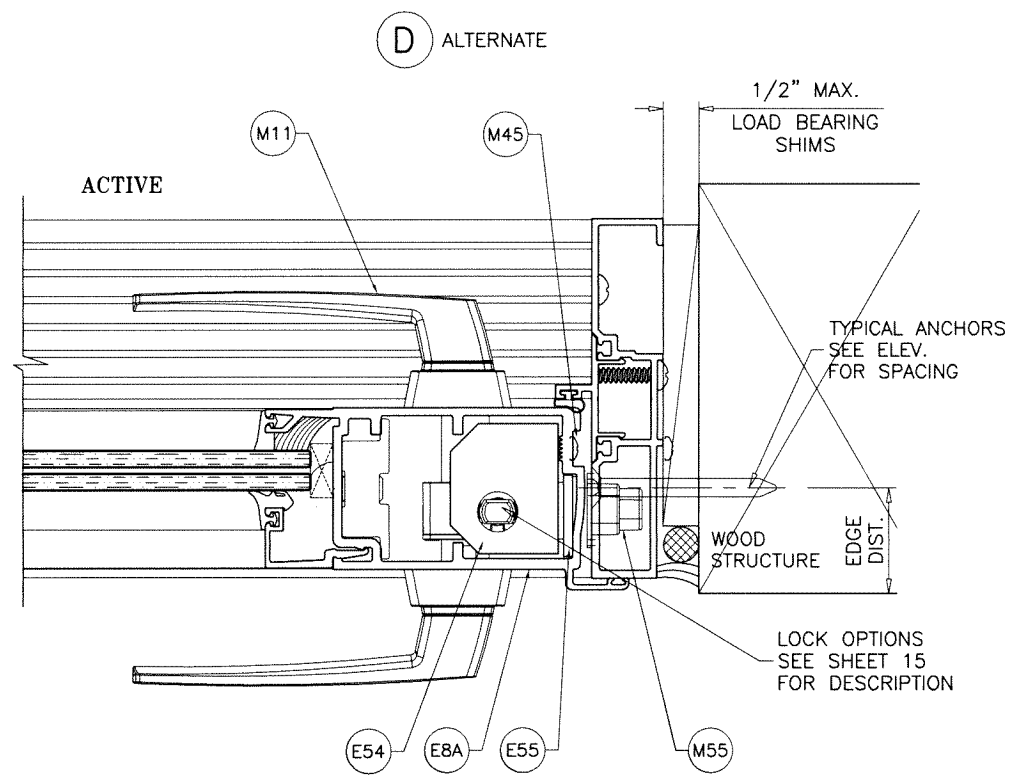
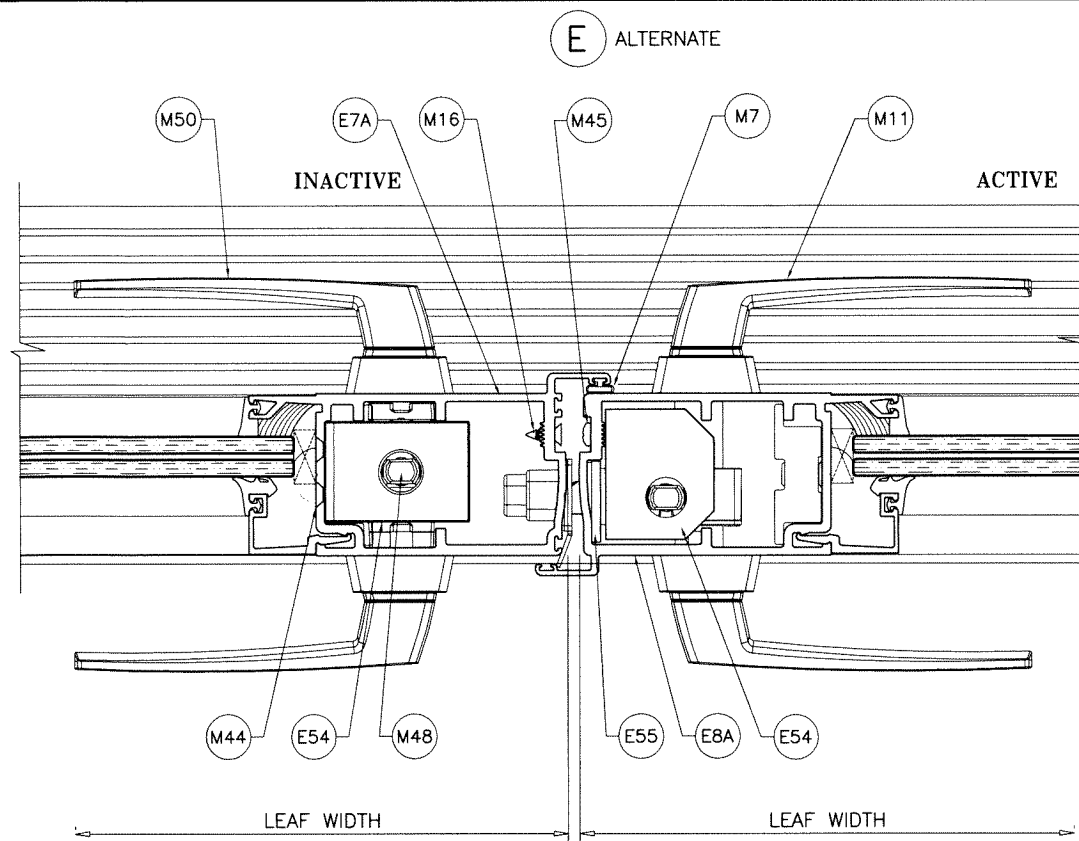
SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

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ALT. MEETING STILES NOT APPROVED FOR DOORS
WITH PANIC EXIT DEVICES.

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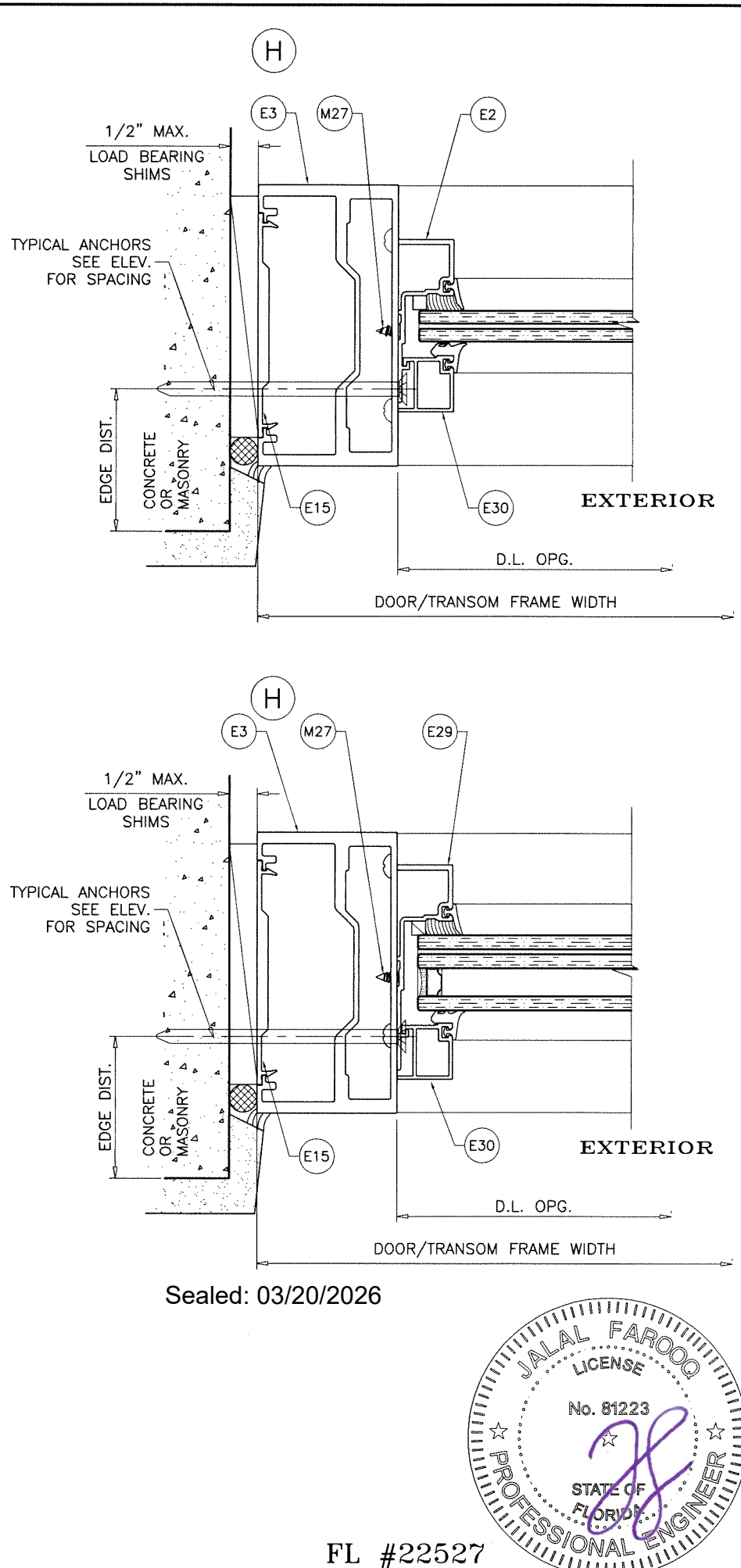
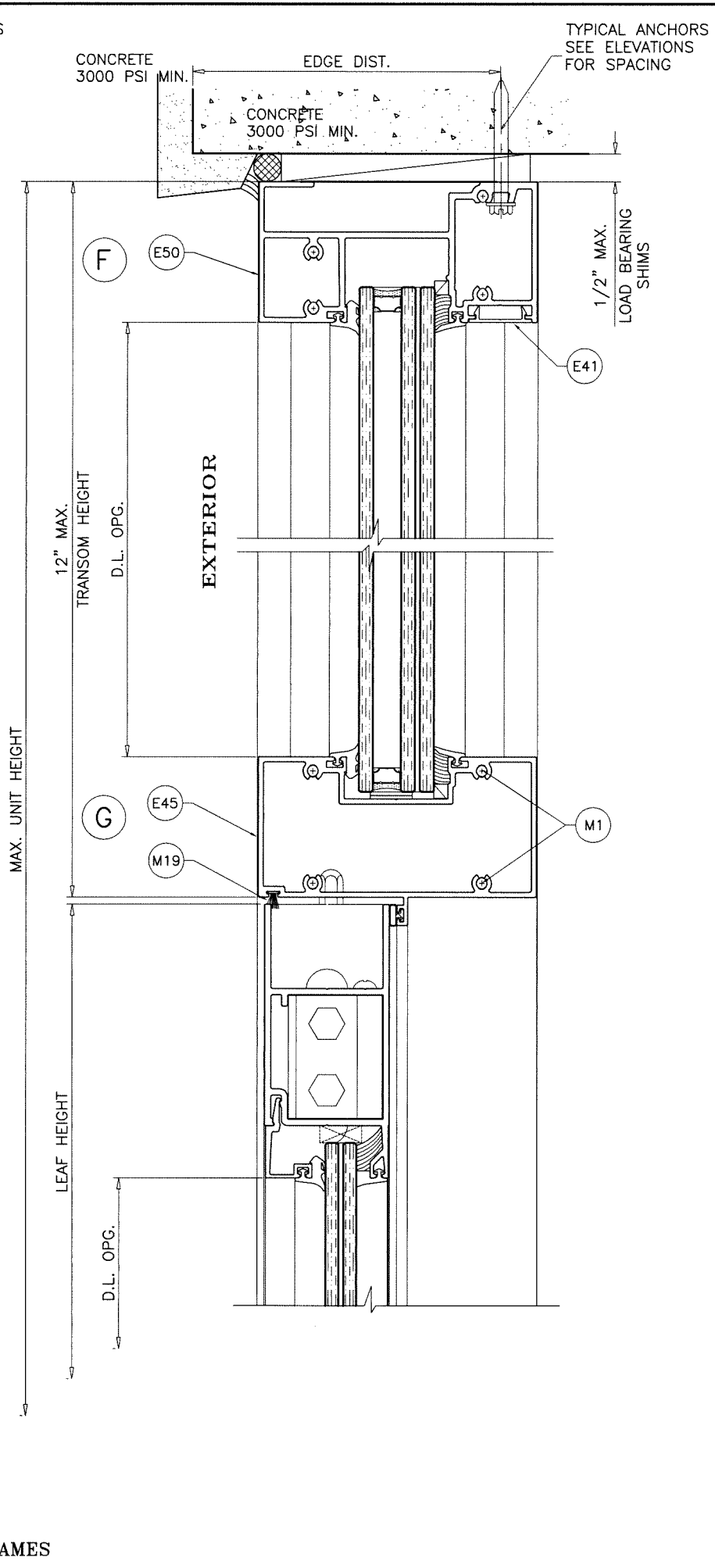
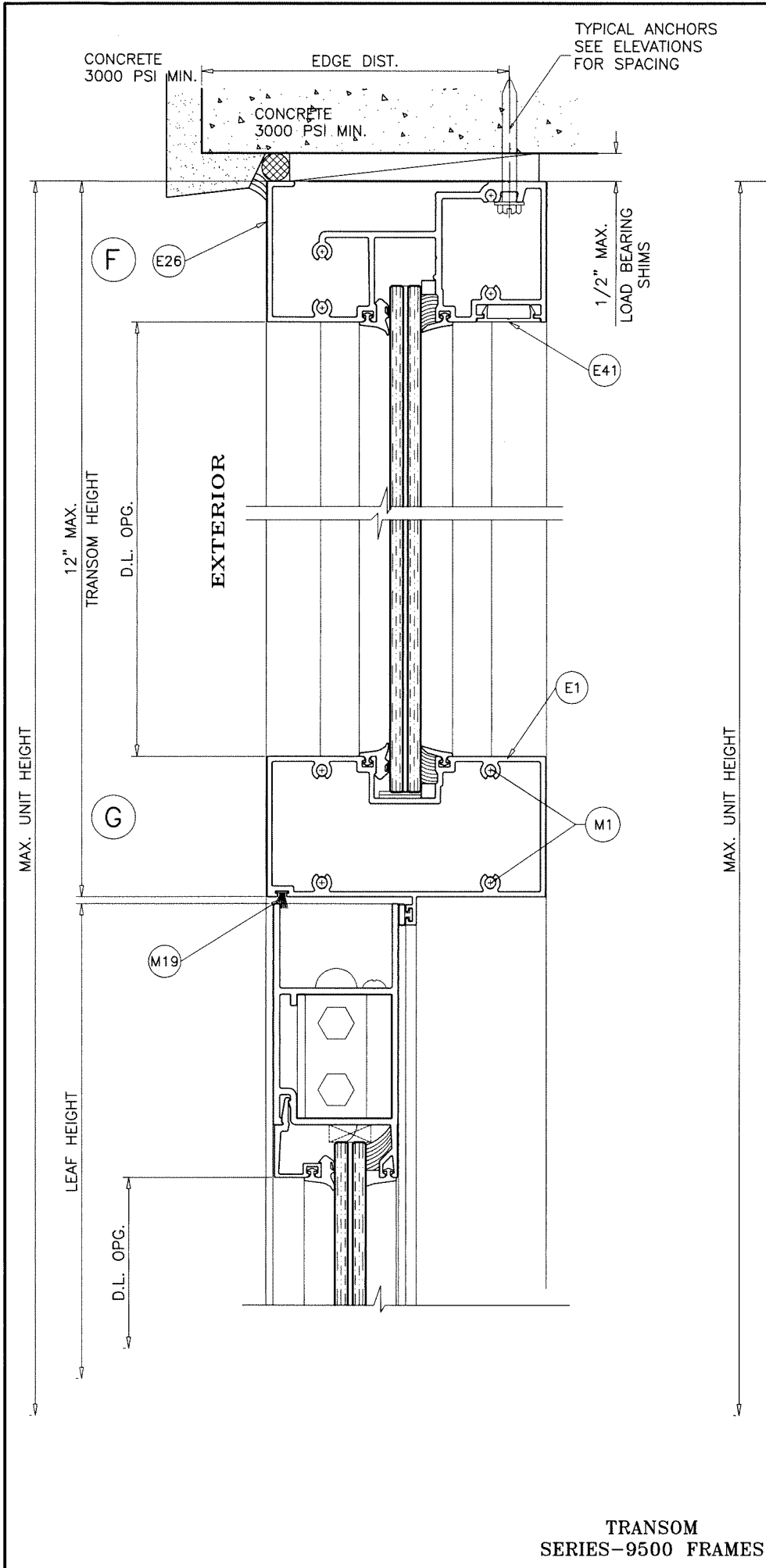
E.S. WINDOWS, LLC
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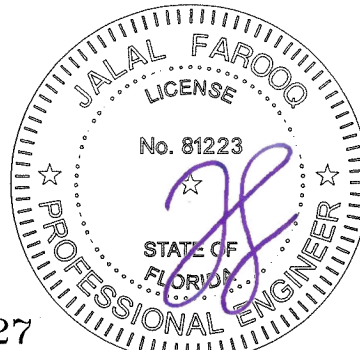
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TRANSOM
SERIES-9500 FRAMES

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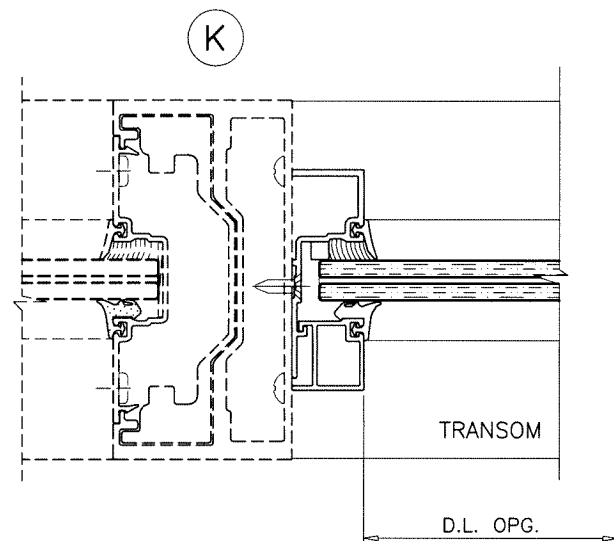
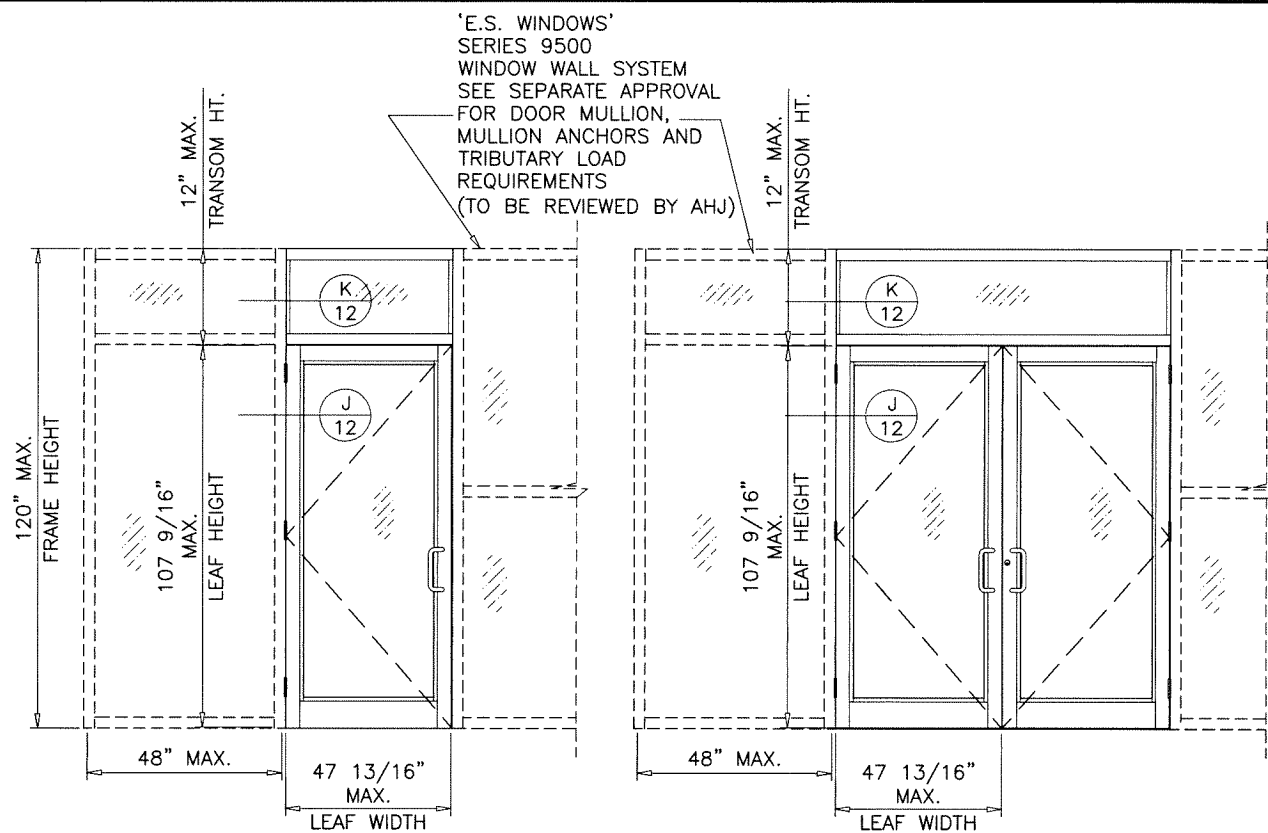
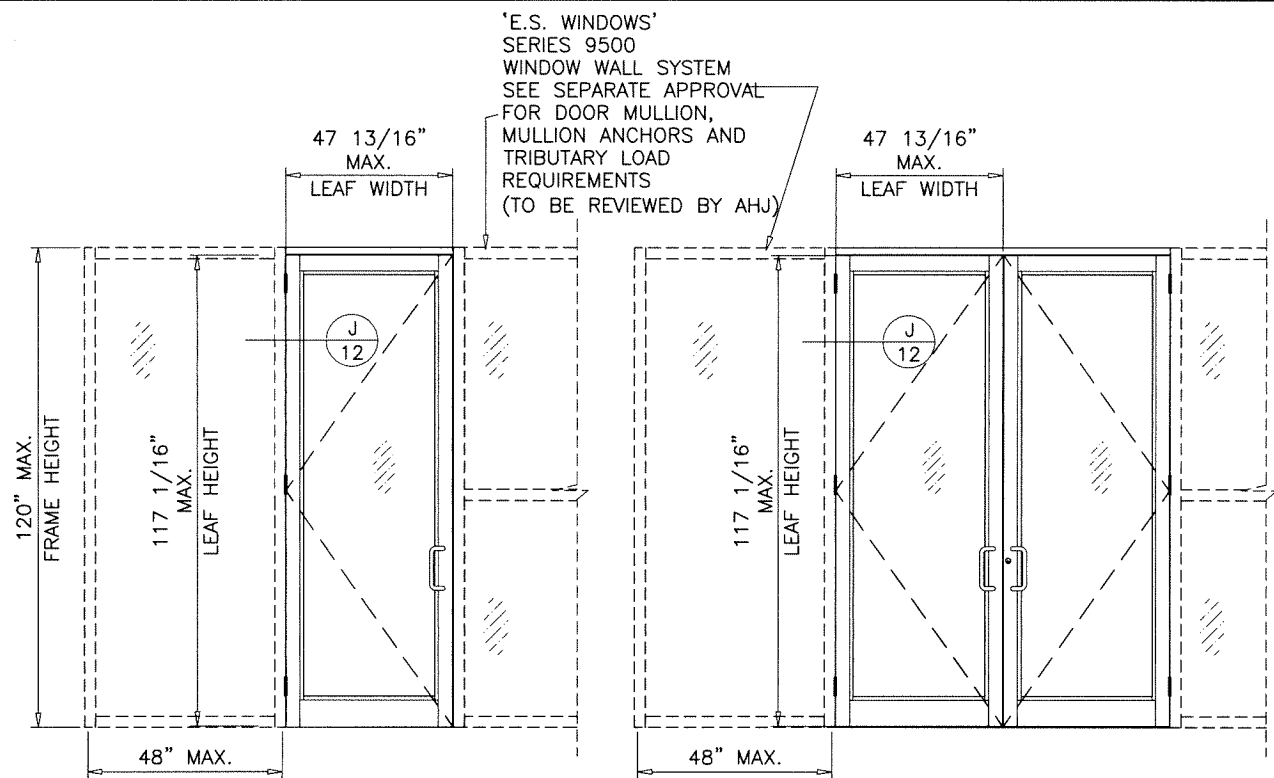
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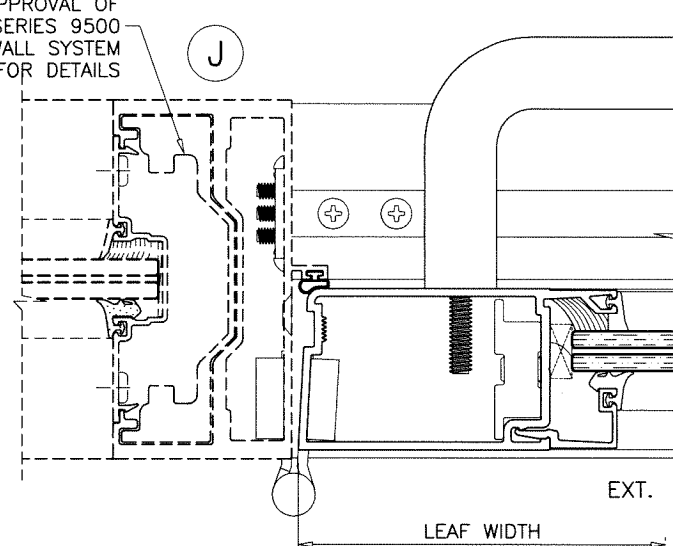
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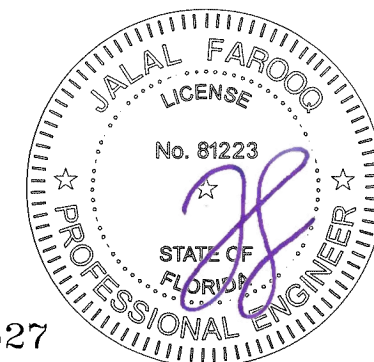
REINFORCING WILL VARY
SEE CURRENT APPROVAL OF
E.S. SERIES 9500
WINDOW WALL SYSTEM
FOR DETAILS



F.B.C. APPROVED
SERIES 9500 WINDOW WALL SYSTEM BY 'E.S. WINDOWS'
UNDER SEPARATE APPROVAL.

LOWER VALUES FROM DOOR CAPACITY CHARTS OR
WINDOW WALL APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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(C.A.N. 3538)

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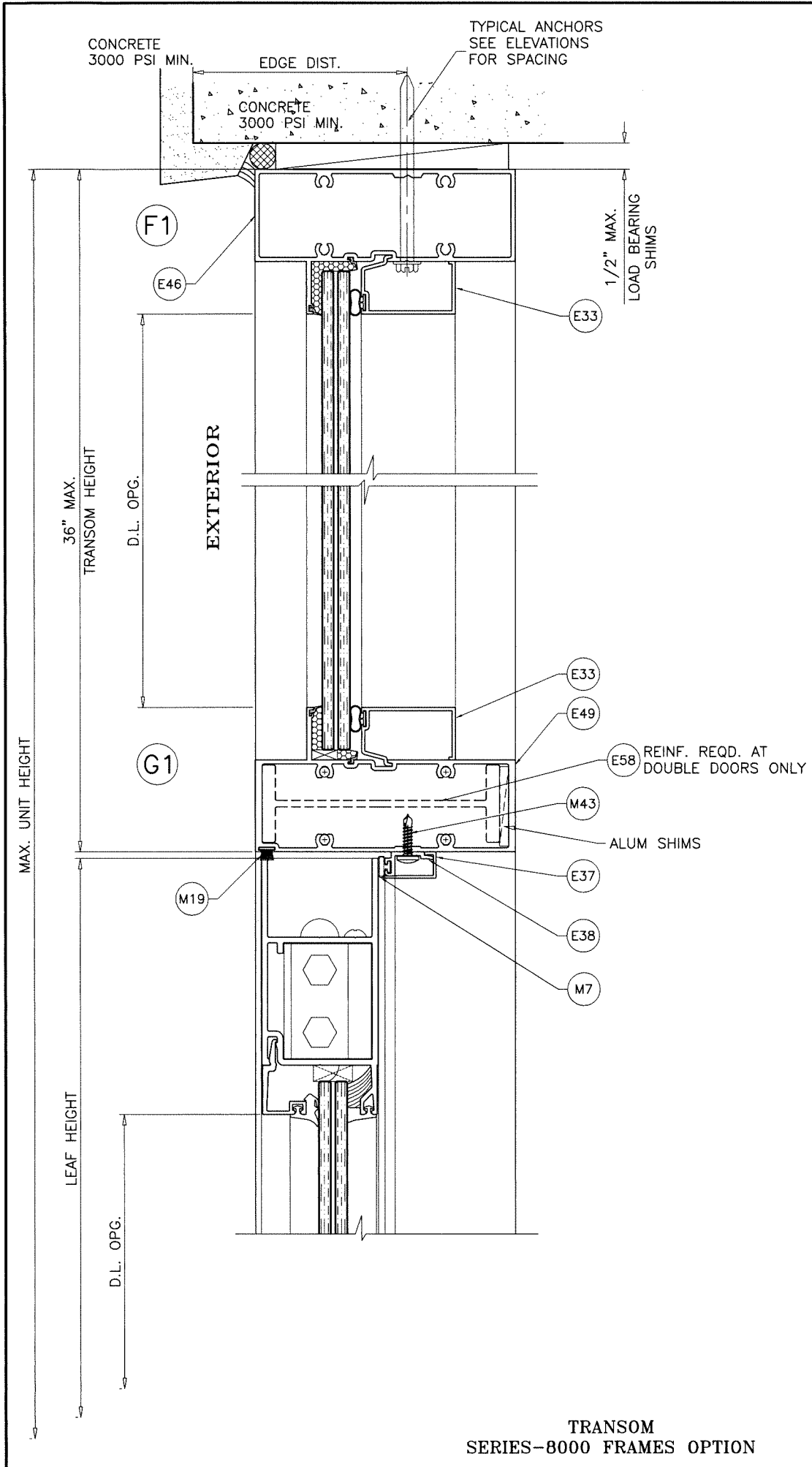
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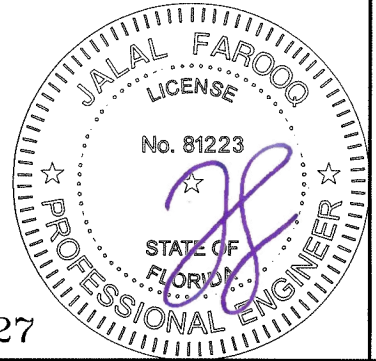
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TRANSOM
SERIES-8000 FRAMES OPTION

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SERIES-9000-10 ALUM. OUTSWING FRENCH DOOR (L.M.I.)

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LOCK OPTIONS:

3 POINT LOCK

OPTION #1:

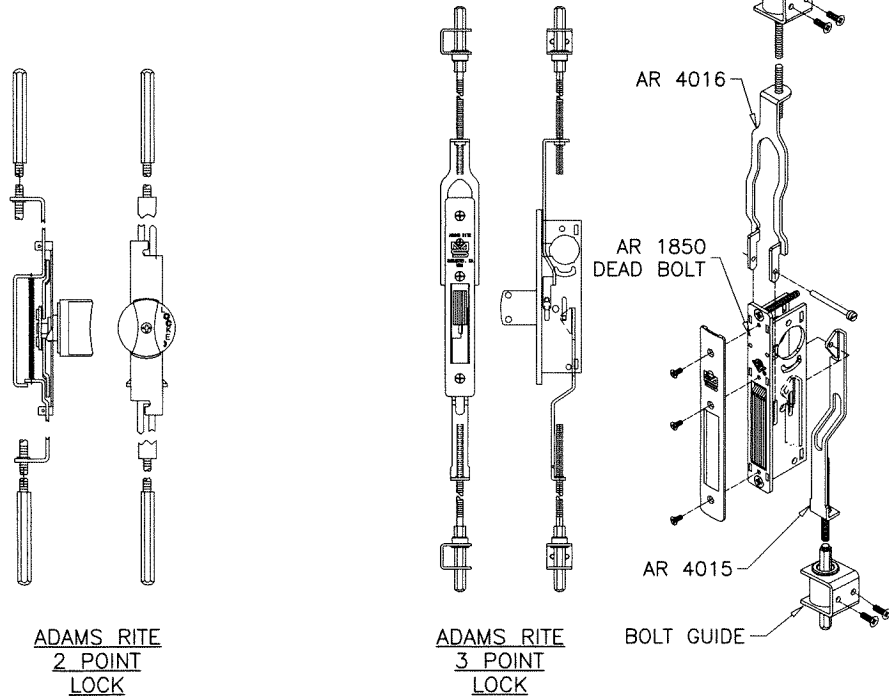
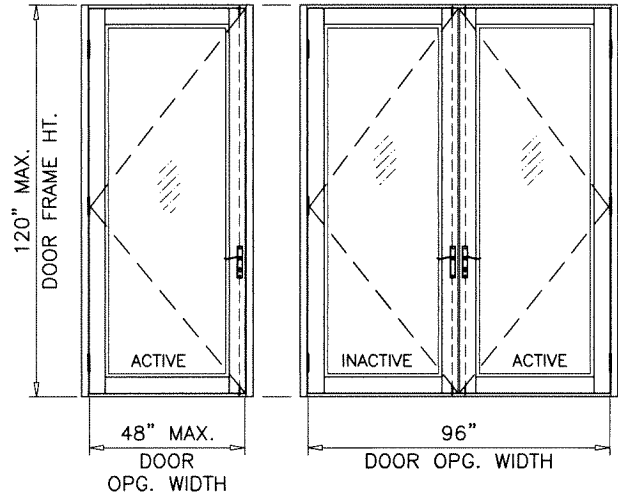
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 48 IN.
MAX. DESIGN LOAD = 90 PSF

ACTIVE LEAF:

KEY OPERATED THREE POINT LOCK SYSTEM 4015/4016 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 1880/81 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) #8-32 X 1/4" PH MACHINE SCREWS



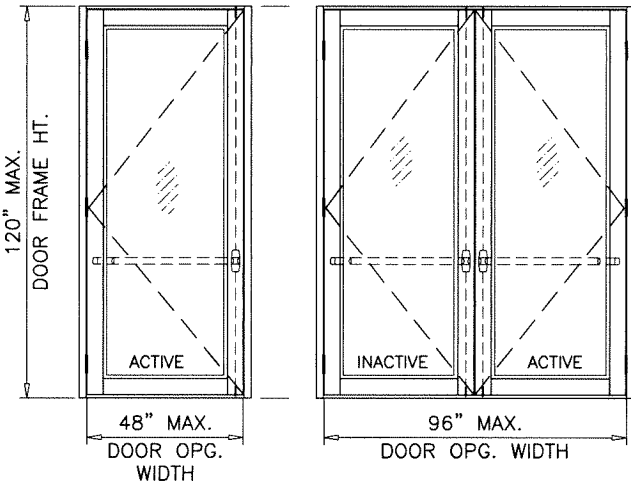
PANIC EXIT DEVICE

OPTION #2:

PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 120 IN.
MAX. LEAF WIDTH = 48 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

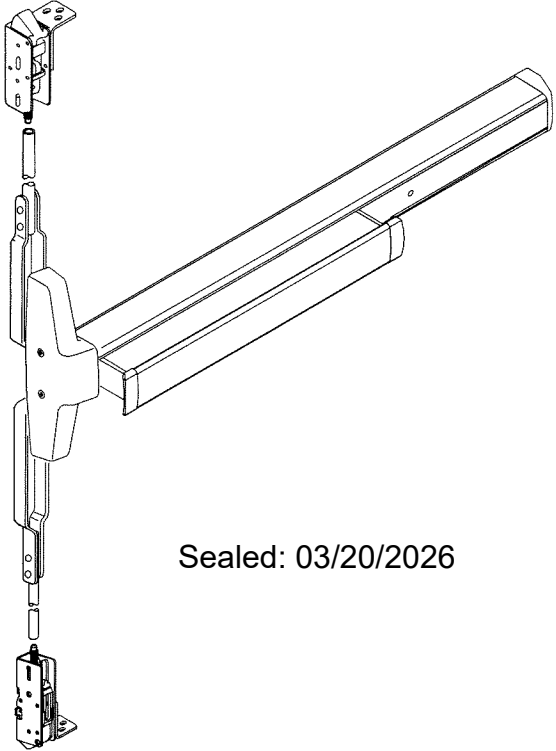
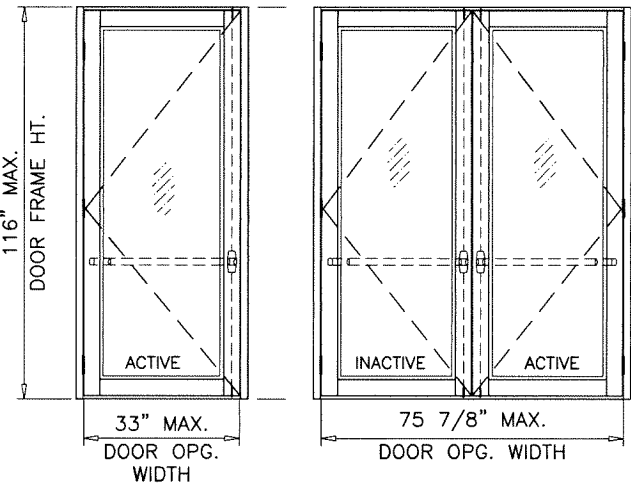


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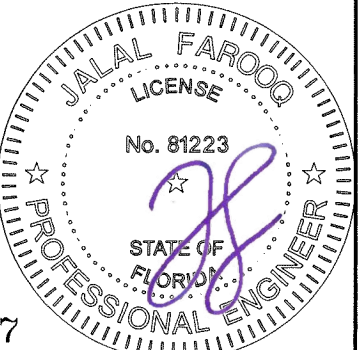
PANIC EXIT DEVICE
MAX. FRAME HEIGHT = 116 IN.
MAX. LEAF WIDTH = 38 IN.
MAX. DESIGN LOAD = 114 PSF

ACTIVE & INACTIVE LEAF:

CONCEALED VERTICAL ROD PANIC EXIT DEVICE SERIES 1690 BY 'FALCON' 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



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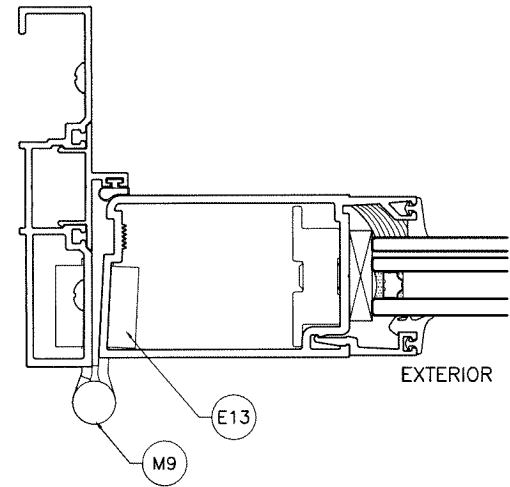
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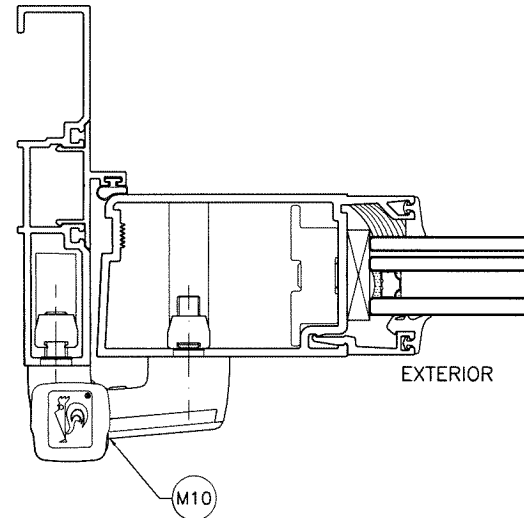
OPTION #1:

4 X 4-3/4" ST. STEEL BALL BEARING BUTT HINGES
LOCATED AT
11" FROM TOP & BOTTOM AND AT MIDSPAN
FASTENED TO DOOR FRAME AND LEAF STILE WITH
(4) #12-24 X 1/2" FH MACHINE SCREWS PER HASP

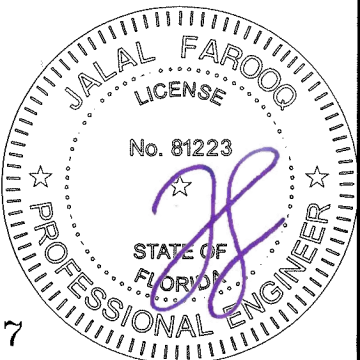


OPTION #2:

SERIES 60AT (DR HAHN A701) DIE CAST ALUMINUM HINGE
BY 'DR HAHN'
(2) HINGES PER LEAF AT 6" FROM TOP & BOTTOM



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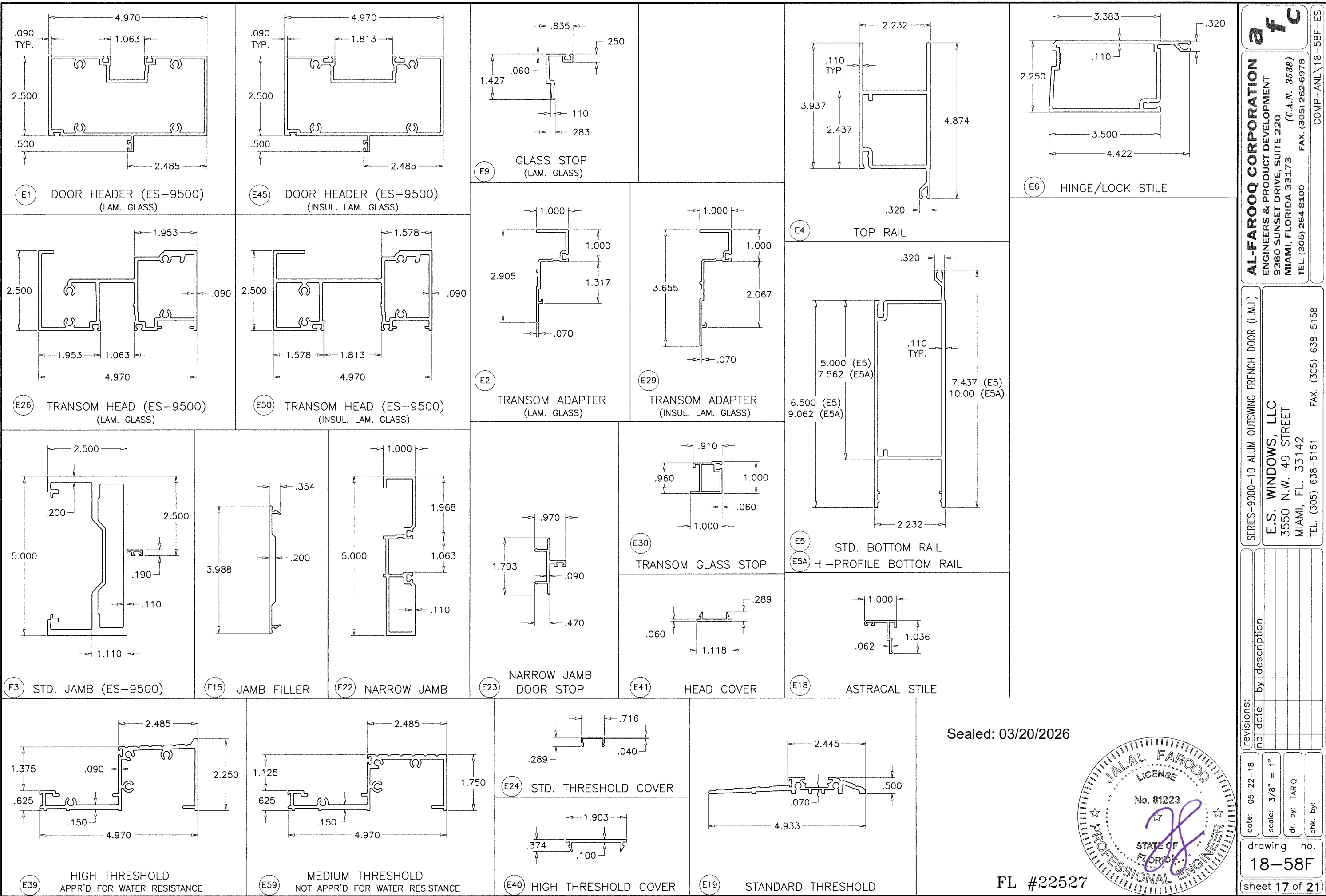
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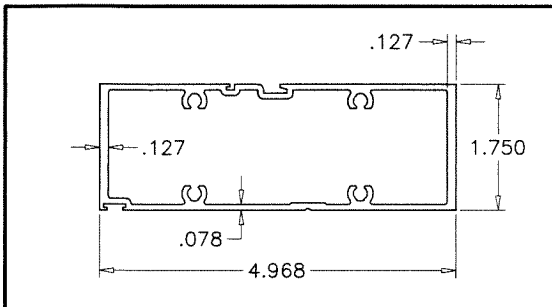
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chk. by:

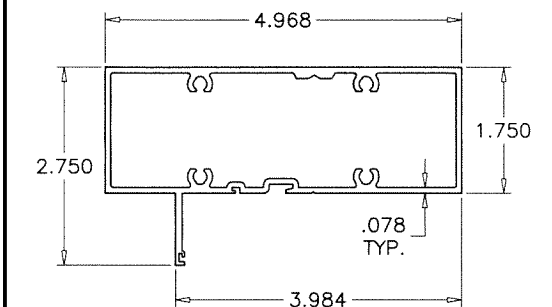
drawing no.
18-58F
sheet 17 of 21

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

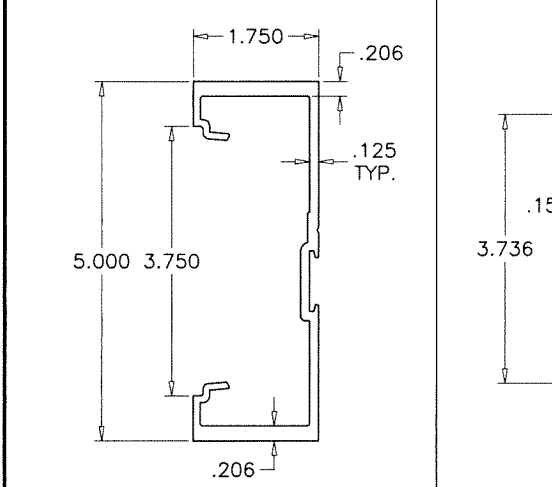
FL #22527



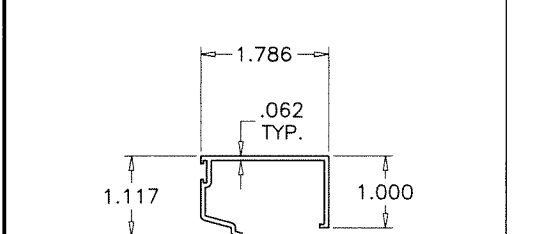
E49 DOOR HEADER (ES-8000)



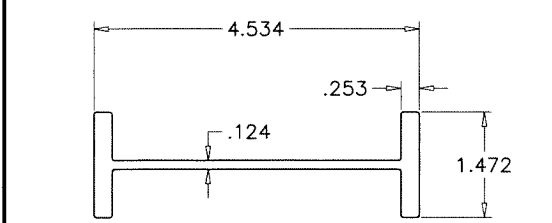
E46 TRANSOM HEAD (ES-8000)



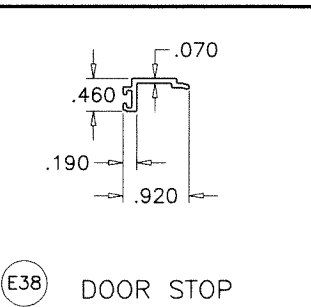
E35 TRANSOM JAMB (ES-8000)



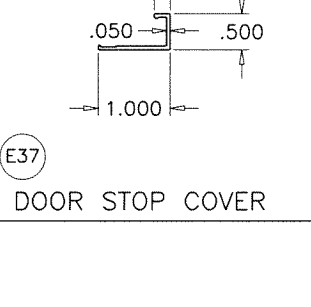
E33 TRANSOM GLASS STOP (ES-8000)



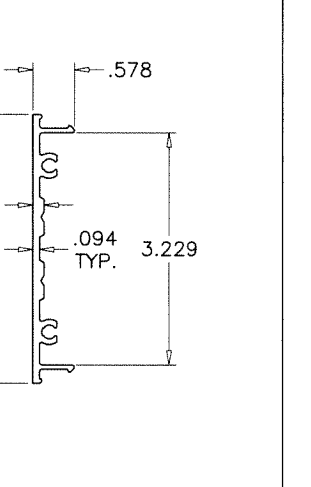
E58 TRANSOM STIFFENER (ES-8000)



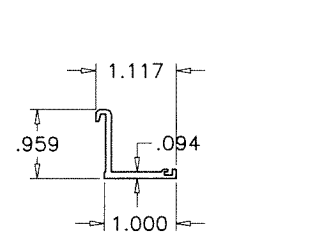
E38 DOOR STOP



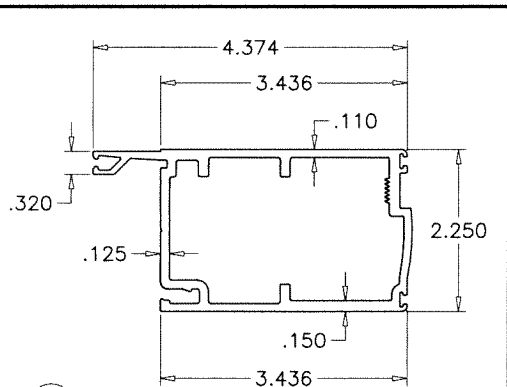
E37 DOOR STOP COVER



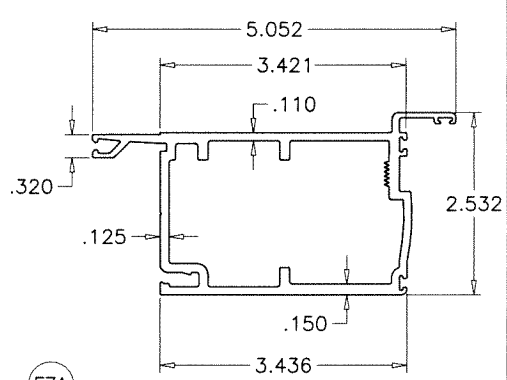
E32 JAMB FILLER (ES-8000)



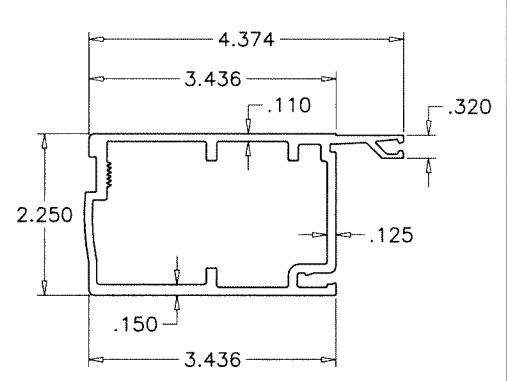
E36 TRANSOM GLAZING ADAPTER



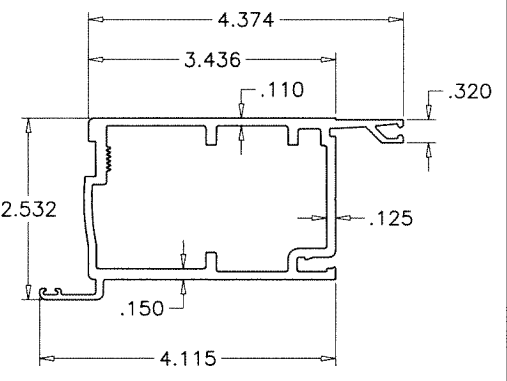
E7 MEETING STILE - INACTIVE LEAF



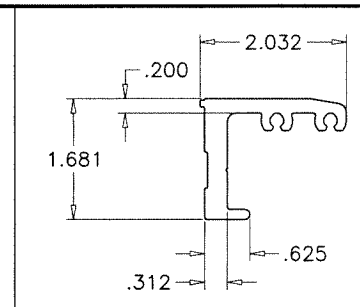
E7A ALT. MEETING STILE - INACTIVE LEAF



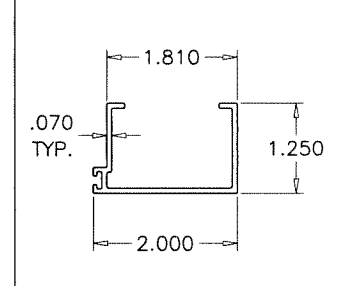
E8 MEETING STILE - ACTIVE LEAF



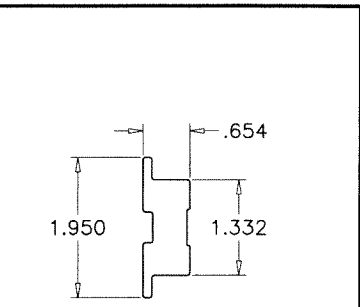
E8A ALT. MEETING STILE - ACTIVE LEAF



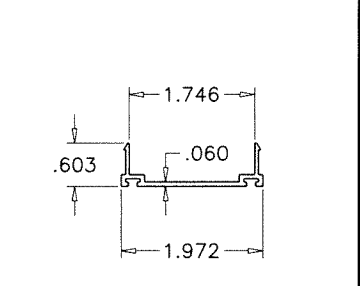
E10 CORNER BLOCK



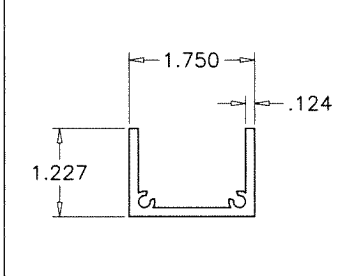
E18 CLOSURE DOOR STOP



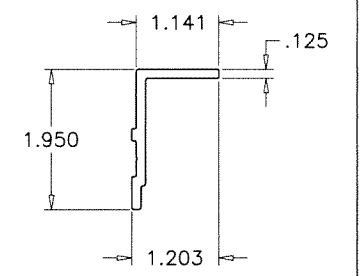
E11 CORNER PLATE



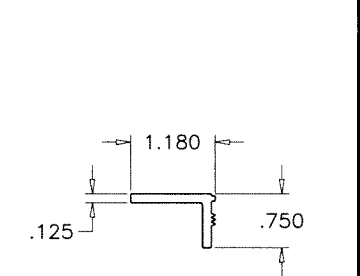
E17 DOOR SWEEP



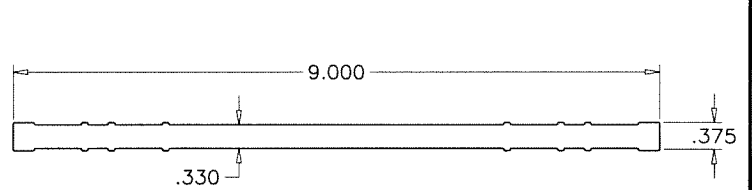
E56 SUPPORT GUIDE



E14 LOCK BACK UP PLATE



E12 SUPPORT ANGLE



E13 HINGE BACKUP PLATE

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FL #22527

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

SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
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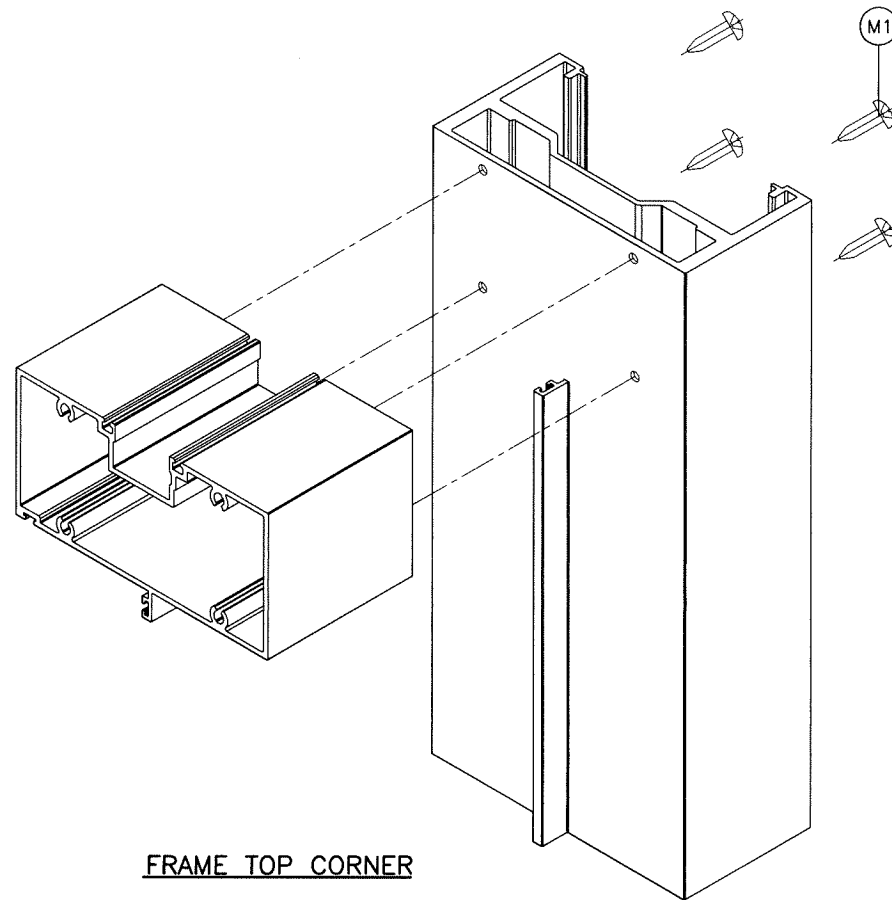
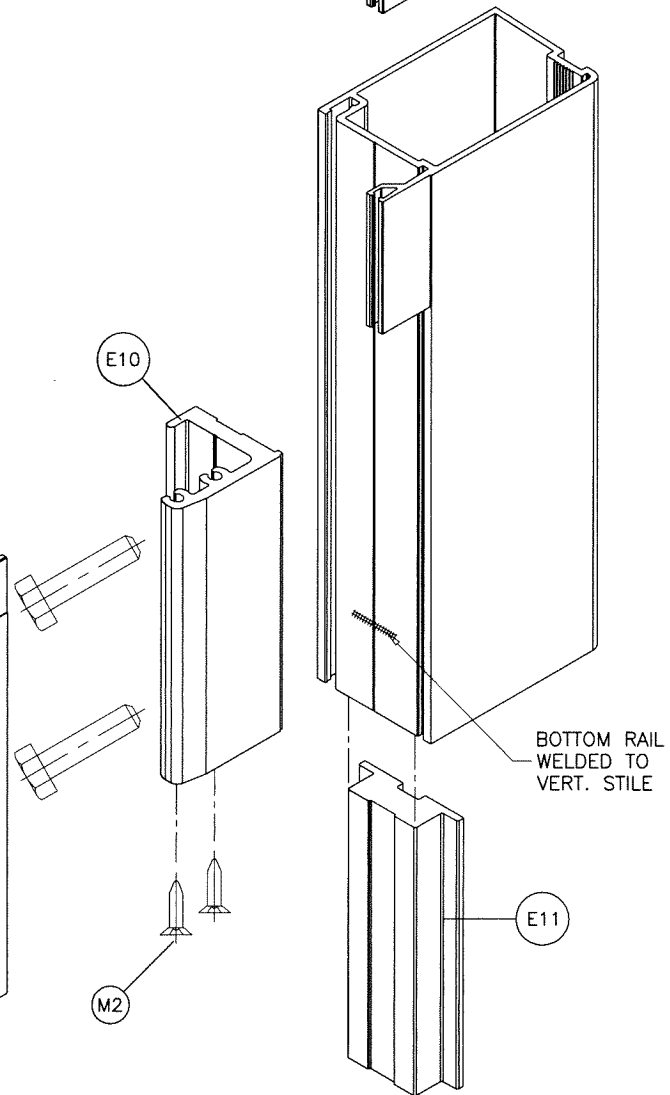
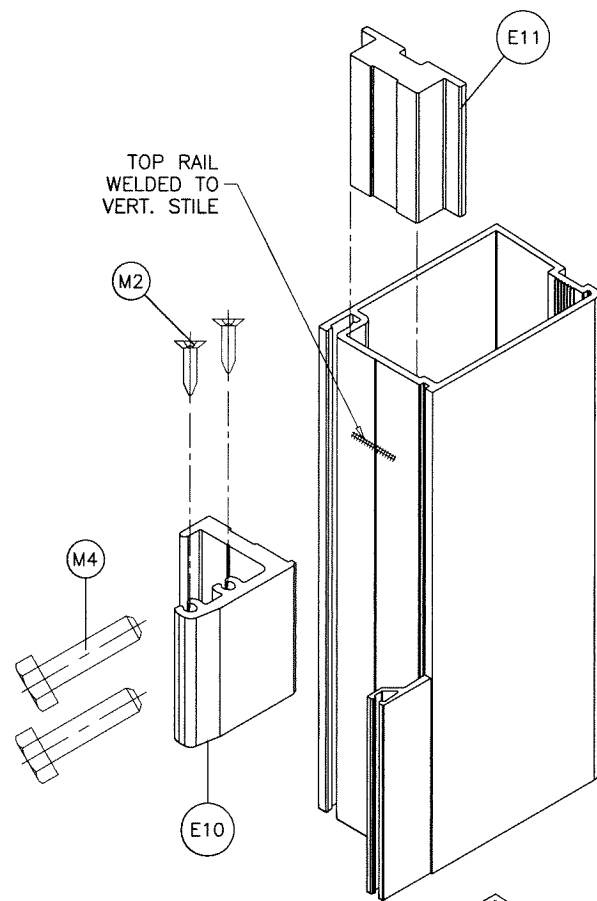
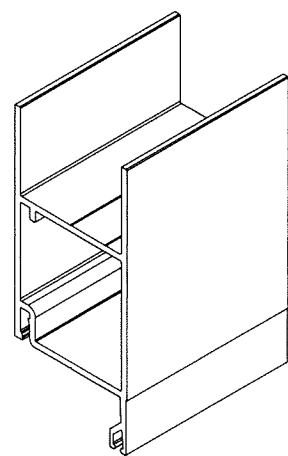
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chk. by:

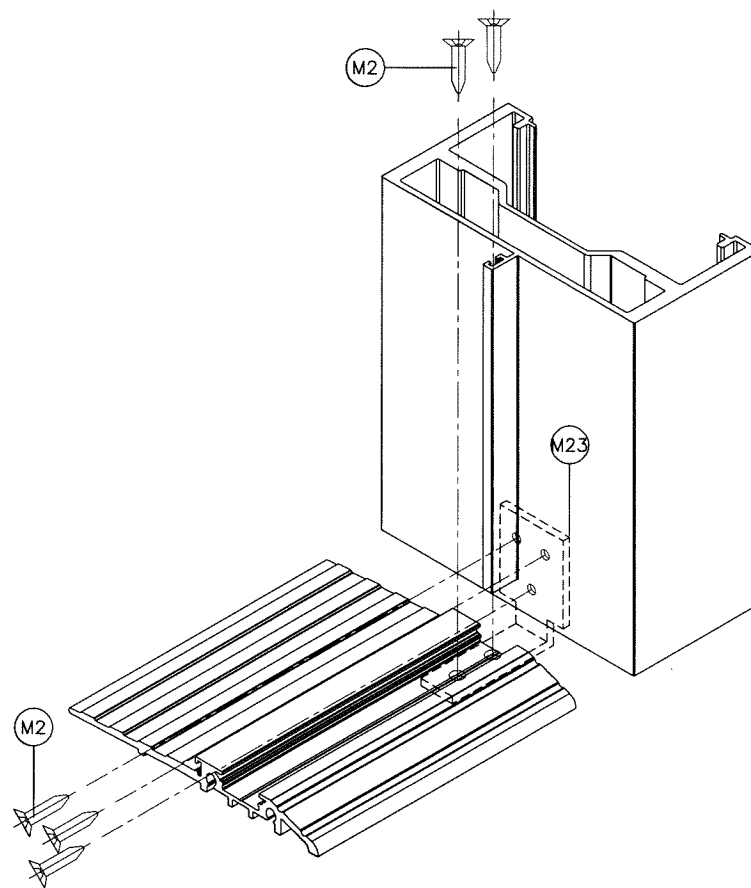
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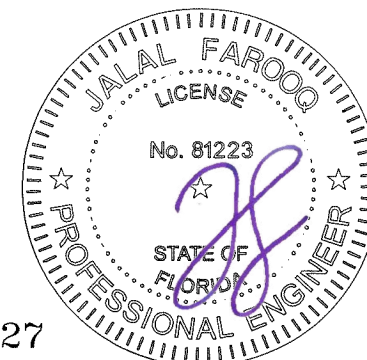


FRAME TOP CORNER



THRESHOLD CORNER

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FL #22527

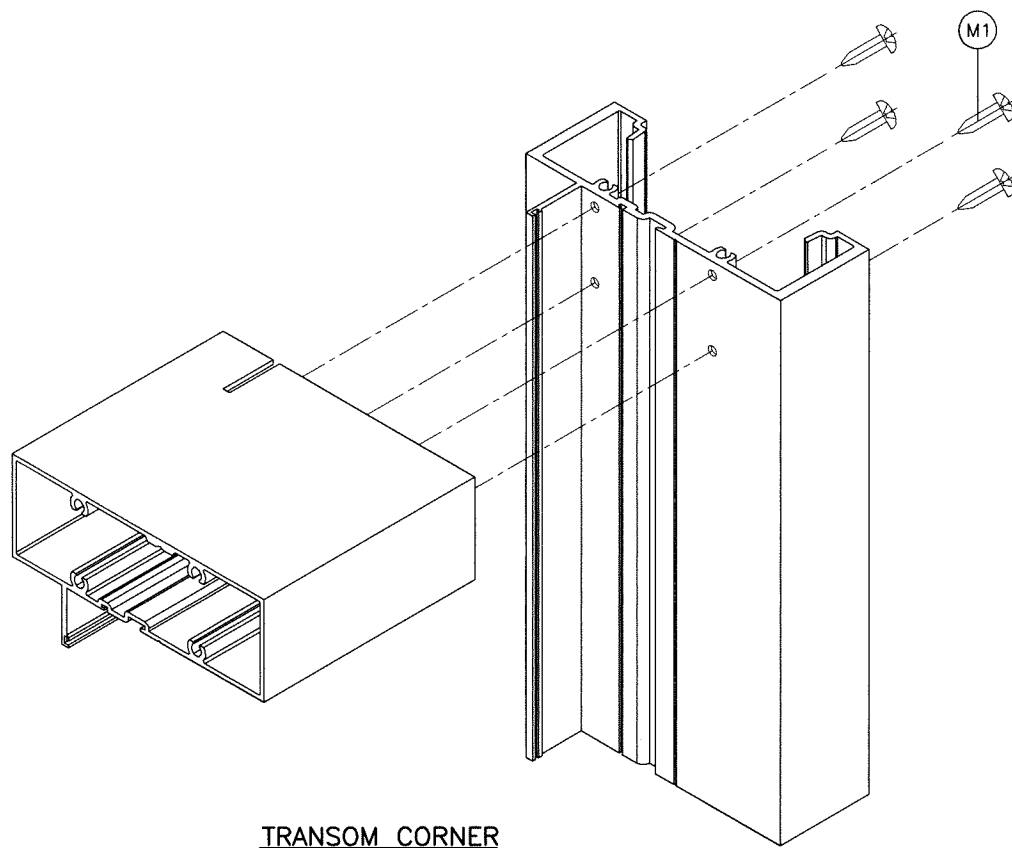
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
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 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL 18-58F-ES

SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)
E.S. WINDOWS, LLC
 3550 N.W. 49 STREET
 MIAMI, FL. 33142
 TEL. (305) 638-5151 FAX. (305) 638-5158

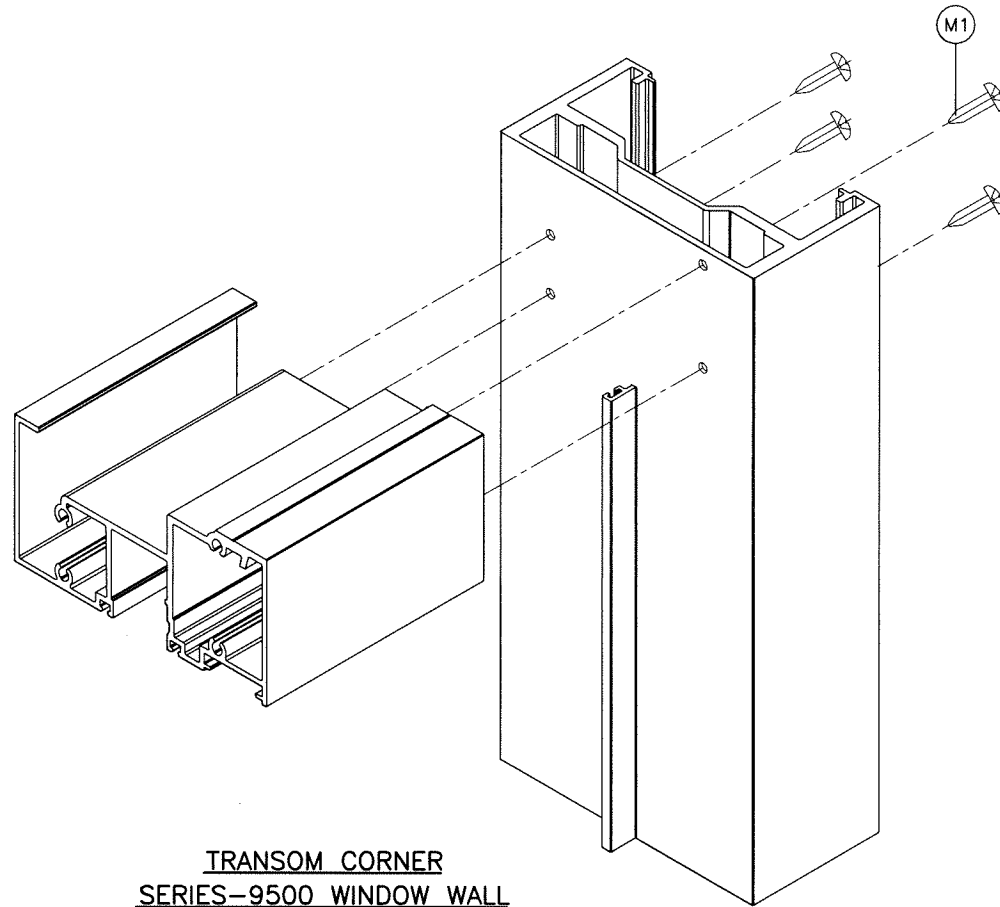
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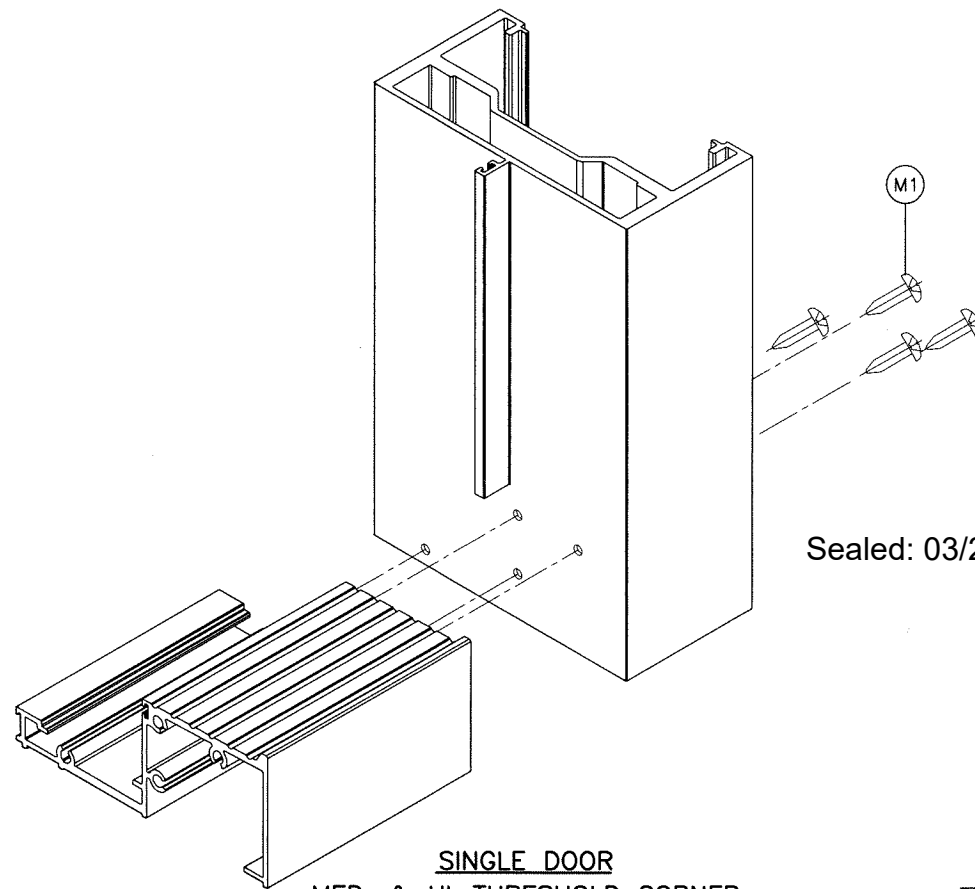
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TRANSOM CORNER
SERIES-8000 WINDOW WALL

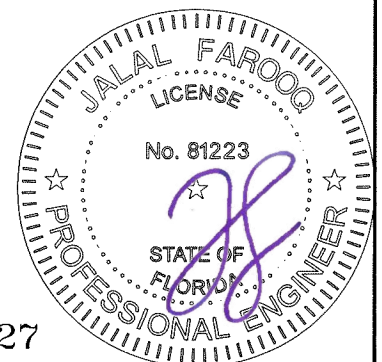


TRANSOM CORNER
SERIES-9500 WINDOW WALL



SINGLE DOOR
MED. & HI-THRESHOLD CORNER

Sealed: 03/20/2026



FL #22527

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9360 SUNSET DRIVE, SUITE 220
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SERIES-9000-10 ALUM. OUTSWING FRENCH DOOR (L.M.I.)

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revisions:		
no	date	by description

date: 05-22-18	scale: -	dr. by: TARIQ	chk. by:
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18-58F

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