

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 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.

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

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"

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.

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

Sealed: 10/2/2026

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.



af c

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

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
G	09.02.26		ADA SILL OPTION ADDED

date: 05-22-18

scale: -

dr. by: TARIQ

chk. by:

drawing no.

18-58F

sheet 1 of 21

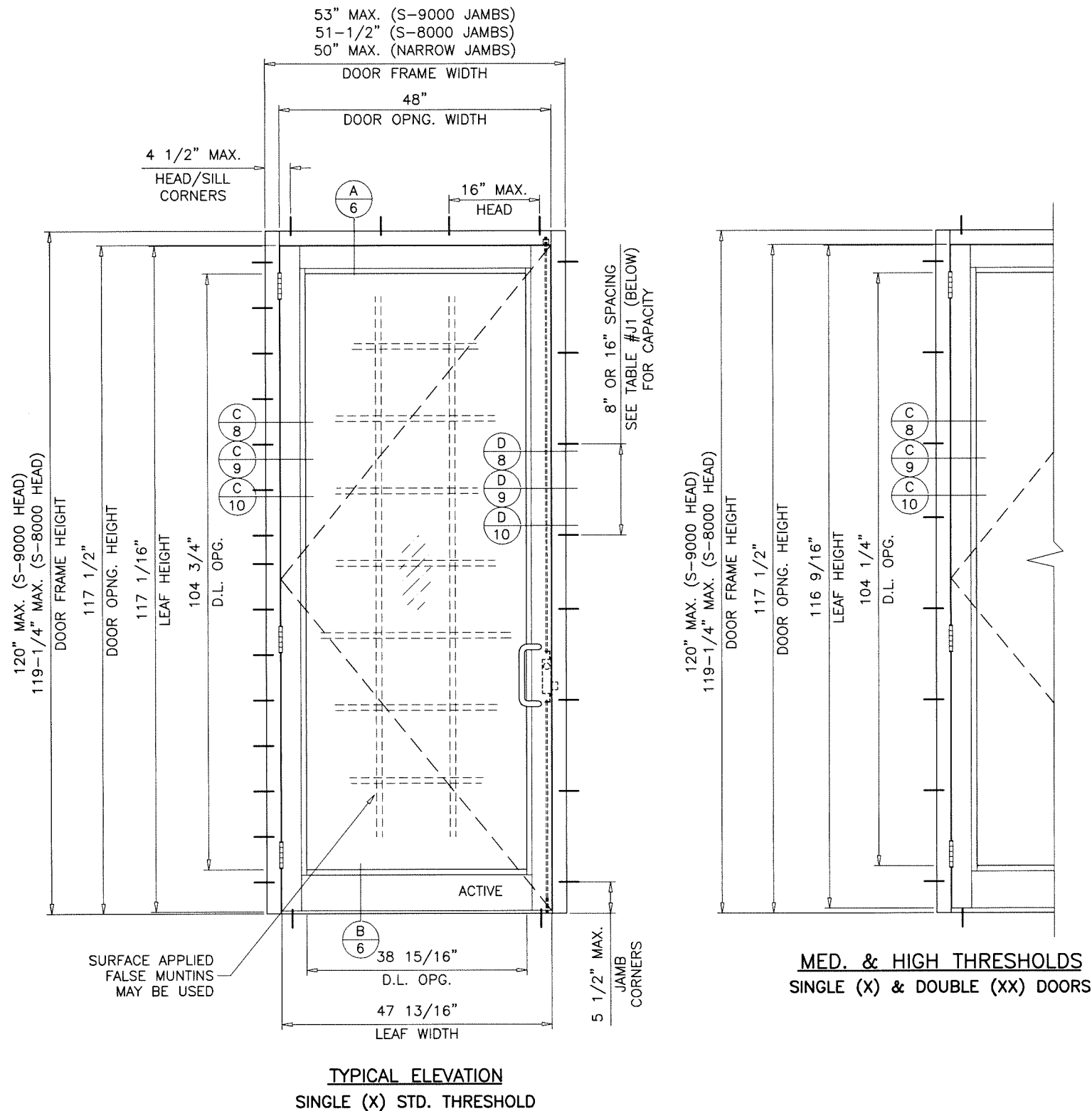
DOORS LOAD CAPACITY - PSF SINGLE DOORS (X)				
SINGLE DOOR (X) DIMS.		GLASS TYPES 'A' & 'Ai'		
DOOR OPNG. WIDTH	DOOR OPNG. HEIGHT	EXT.(+)	INT.(-)	
42"	108"	90.0	90.0	

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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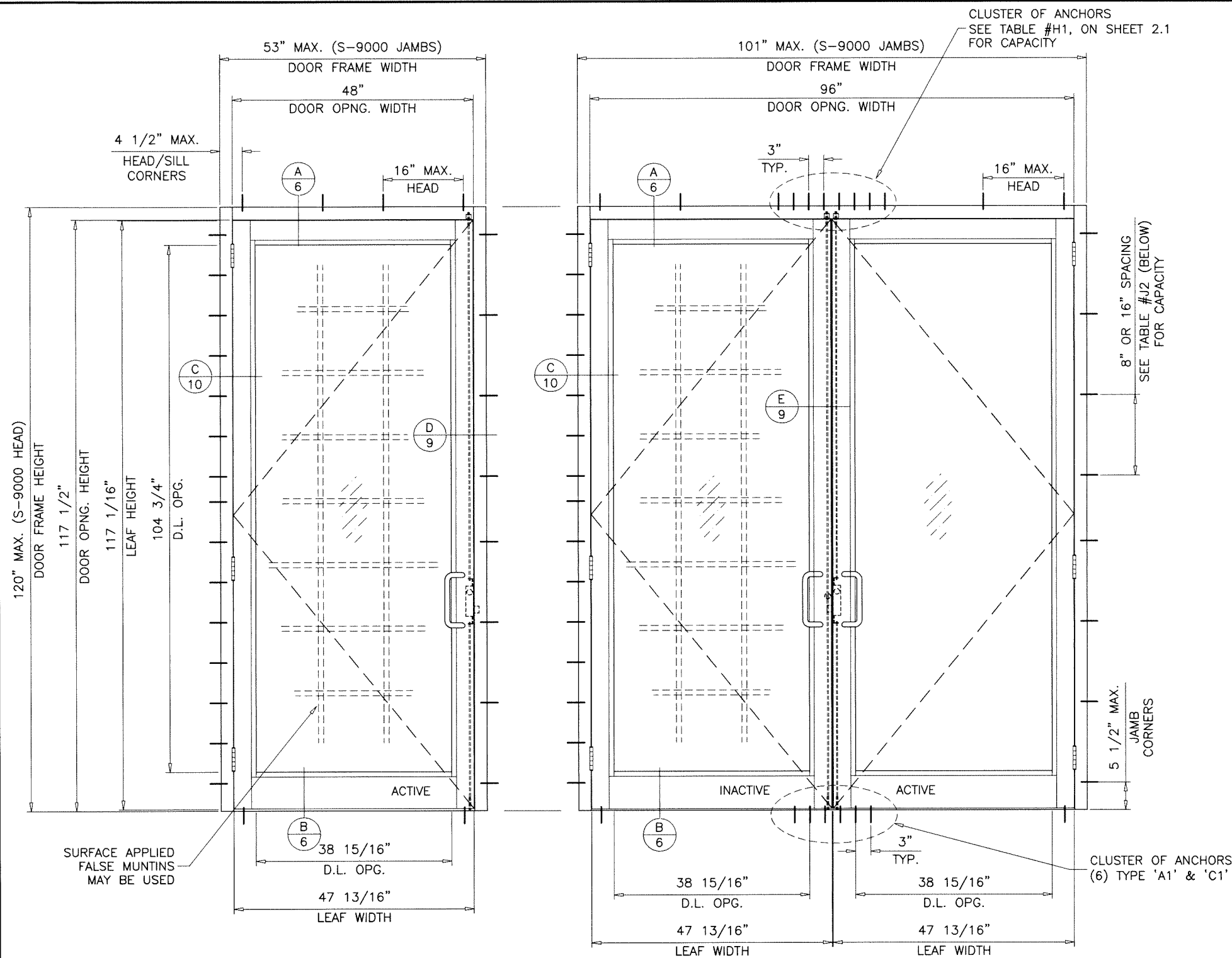
revisions:

no	date	by	description

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chk. by:

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sheet 2 of 21



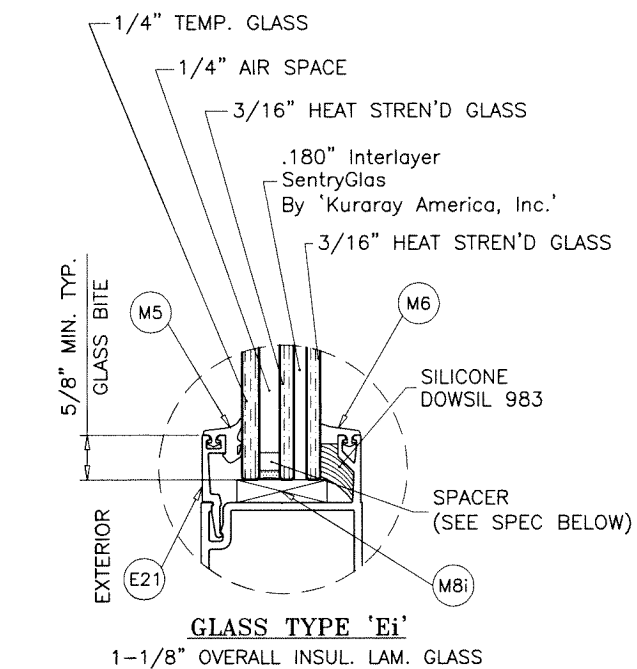
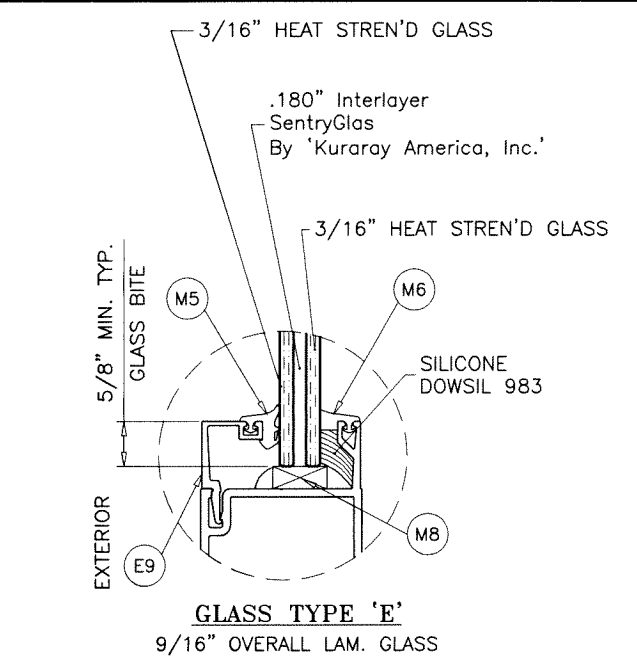
TYPICAL ELEVATION
SINGLE (X) STD. THRESHOLD

TYPICAL ELEVATION
DOUBLE (XX) STD. THRESHOLD

GLASS TYPES 'E' & 'Ei'
MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
- 90.0 PSF
(ONLY FOR DOOR SIZES SHOWN ON THIS SHEET OR SMALLER)

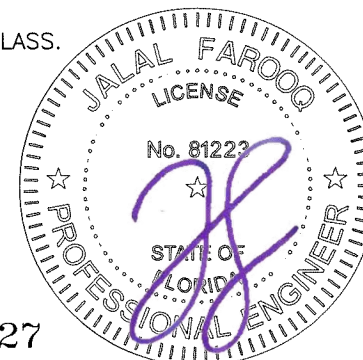
THESE FRAMES CAN BE USED AT ALL SUBSTRATES SHOWN
ON SHEETS 6, 7 AND 9.

DOOR LOCKS OPTION #1 SHOWN ON SHEET 15.
DOOR HINGES OPTION #1 SHOWN ON SHEET 16.



GLAZING OPTIONS (LEVEL 'E' IMPACT)
DOOR LEAF

1/4" 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



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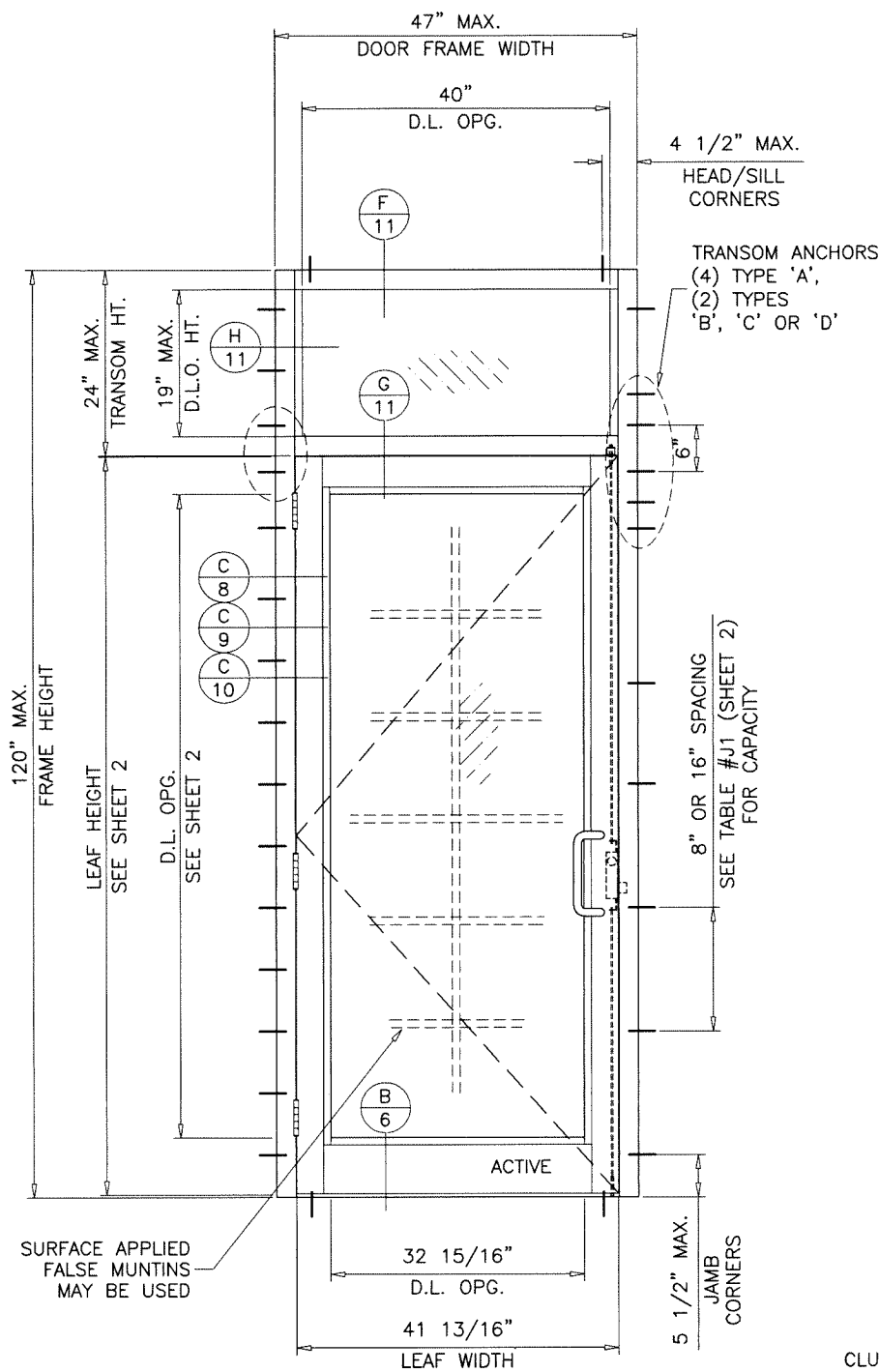
AL-FAROOQ CORPORATION
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COMP-ANL 18-58F-ES

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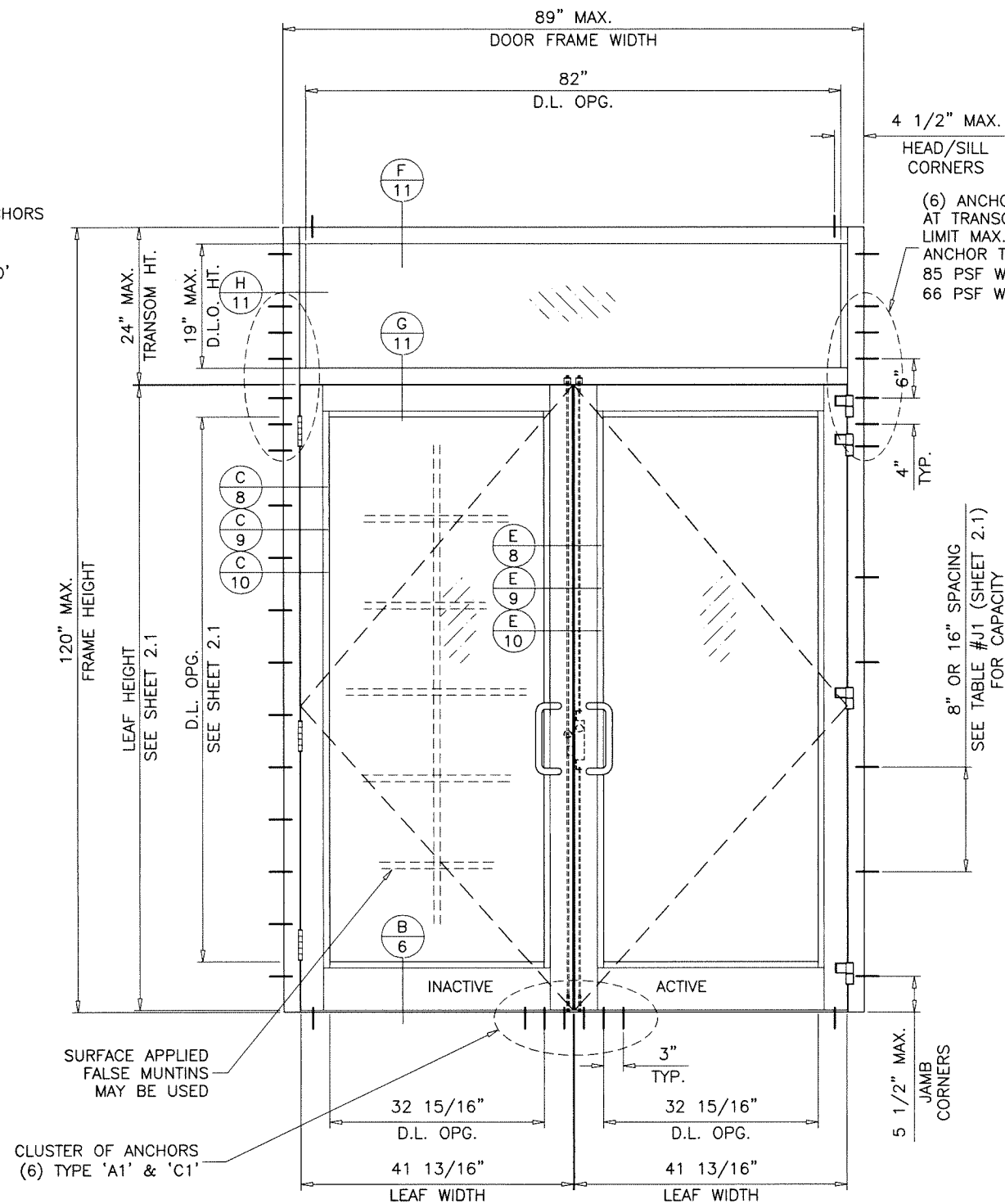
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drawing no. 18-58F sheet 2.2 of 21



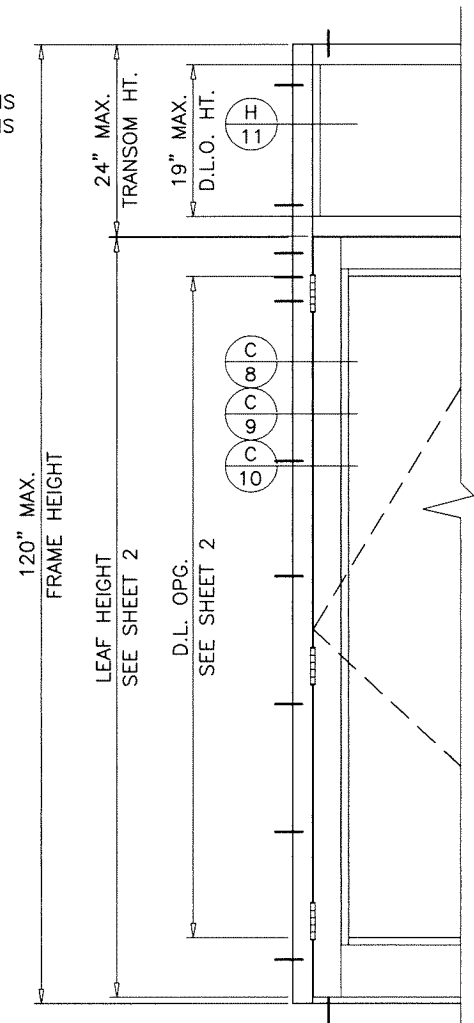
TYPICAL ELEVATION
SINGLE (O/X) STD. THRESHOLD
(ES-9500 TRANSOM)

SINGLE DOORS WITH TRANSOM (O/X) CAPACITY - PSF				
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



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

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SEE SHEETS 2 AND 2.1 FOR DOOR GLASS OPTIONS

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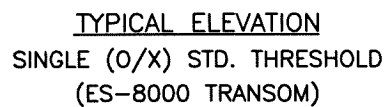
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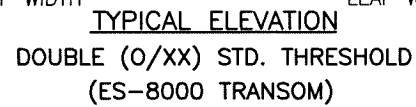
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sheet 3 of 21

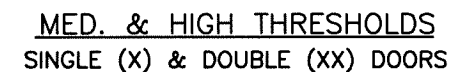
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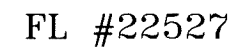
SEE SHEETS 2 AND 2.1
FOR DOOR GLASS OPTIONS



SEE SHEET 12
FOR REINF. DETAIL

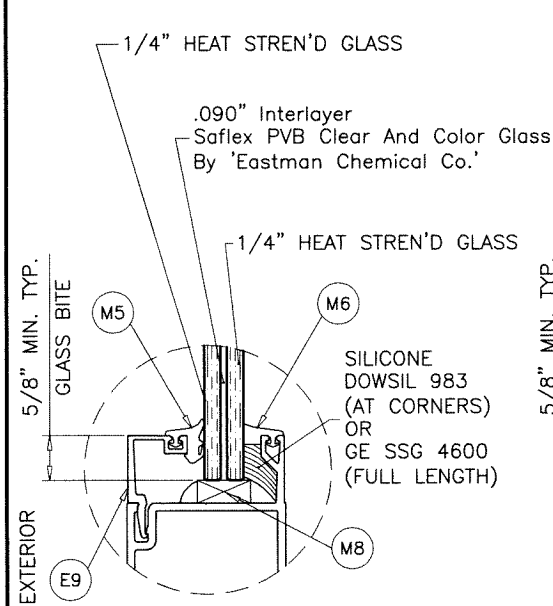


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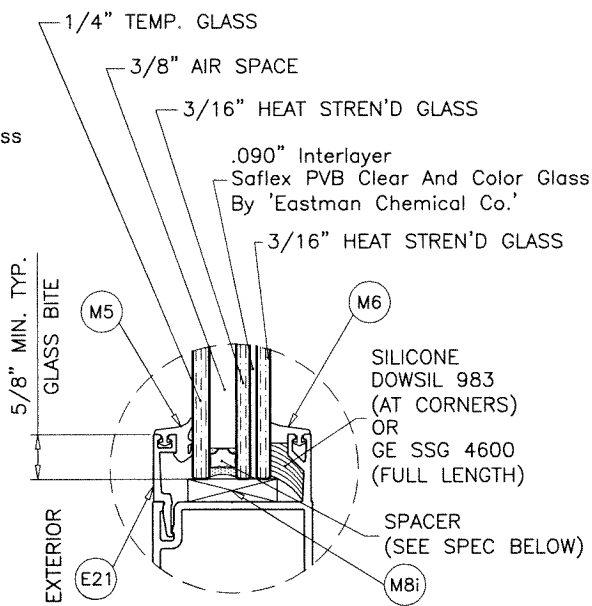


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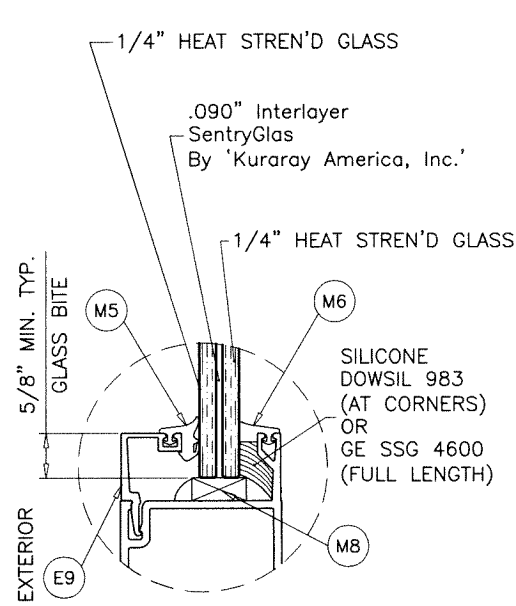
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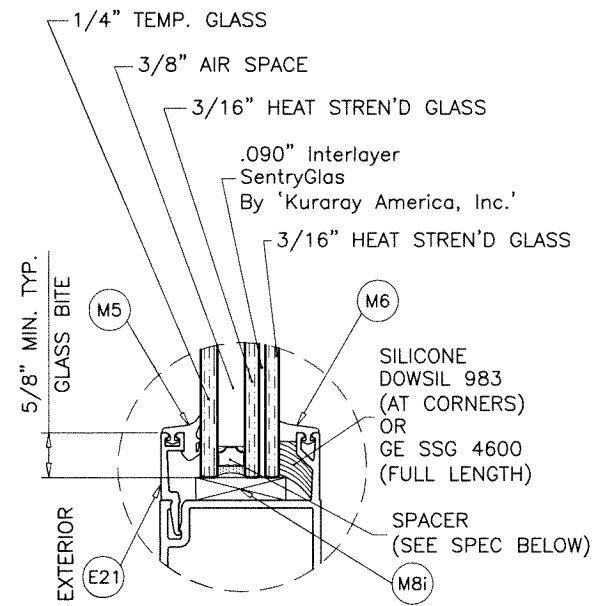
GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



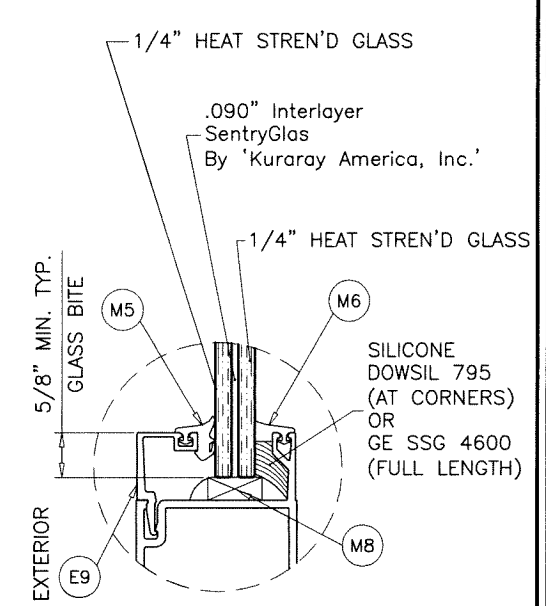
GLASS TYPE 'Ai'
1-1/8" OVERALL INSUL. LAM. GLASS



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

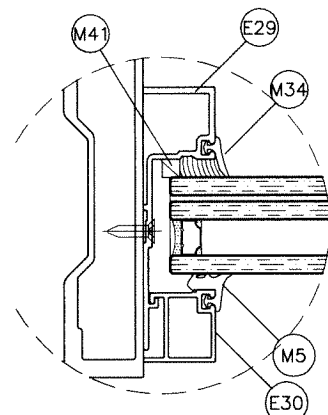
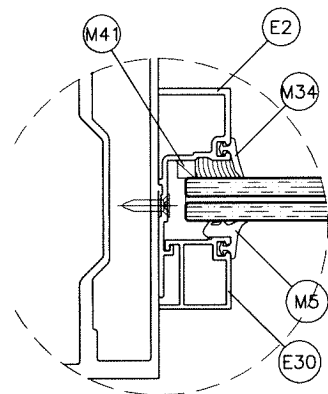


GLASS TYPE 'Bi'
1-1/8" OVERALL INSUL. LAM. GLASS

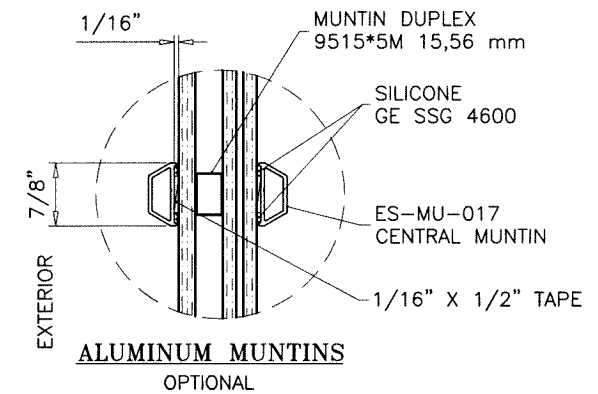
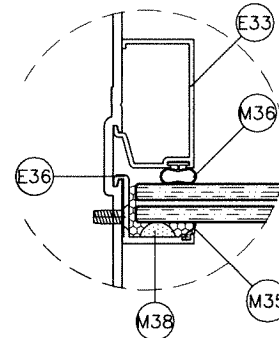


GLASS TYPE 'BB'
9/16" OVERALL LAM. GLASS

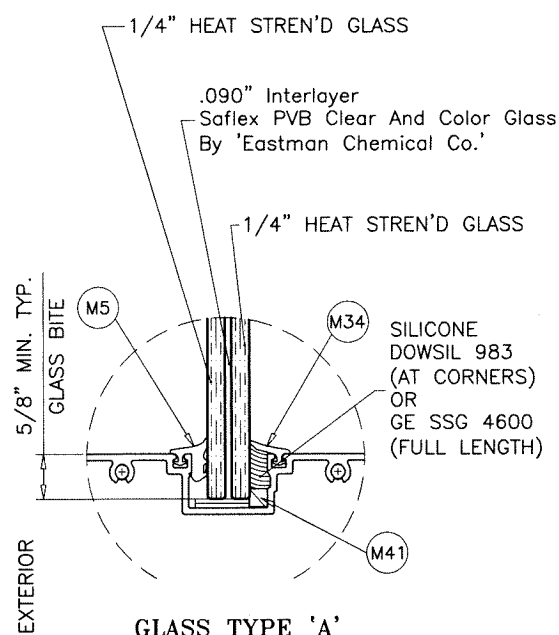
**GLAZING OPTIONS (LEVEL 'D' IMPACT)
DOOR LEAF**



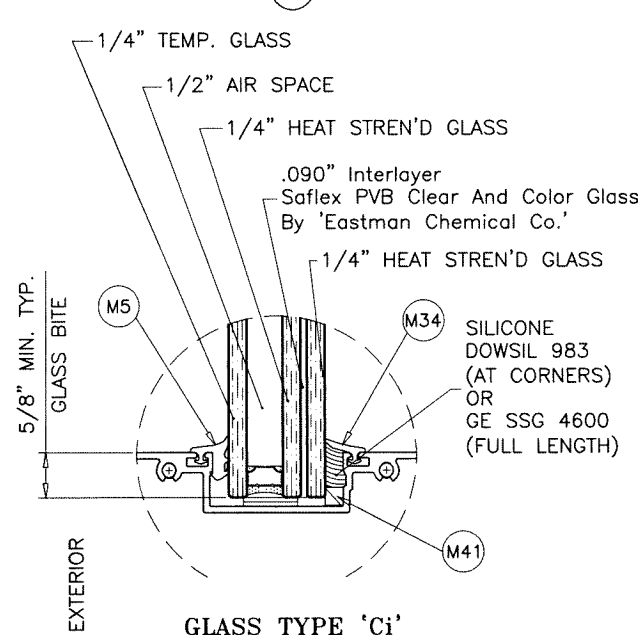
3/8" & 1/2" AIR SPACE CONSISTING OF:
SPACER:
'HELIMA' LOW PROFILE ALUMINUM SPACER
BY 'LINGERMANN GMBH'
AROUND THE PERIMETER OF THE GLASS.
PERIMETER SEALANT:
SILICONE
DOWSIL 791
GE 2000



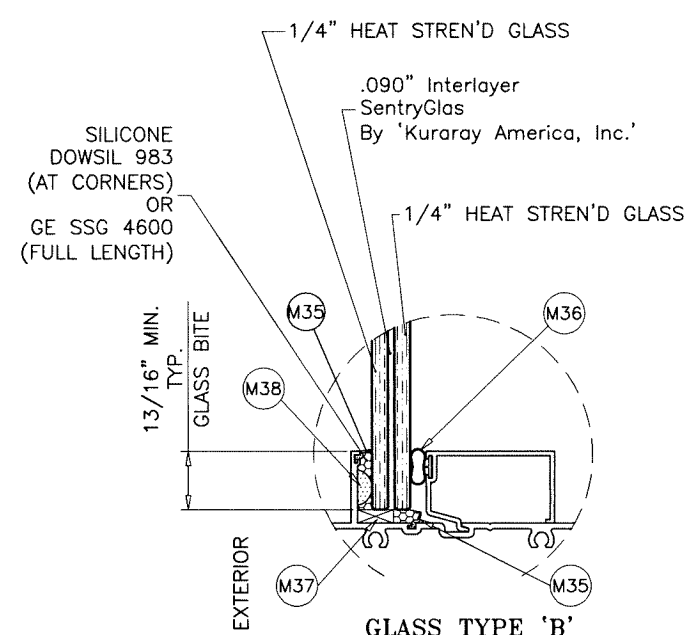
**ALUMINUM MUNTINS
OPTIONAL**



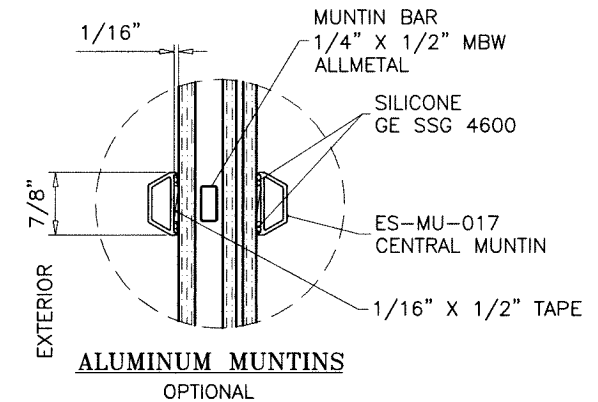
GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



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



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



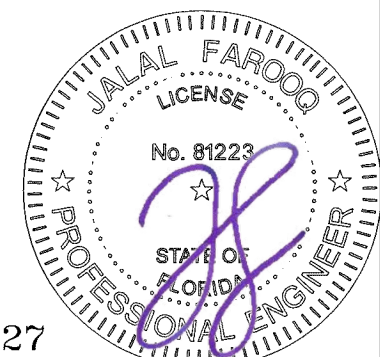
**ALUMINUM MUNTINS
OPTIONAL**

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

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

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COMP-ANL 18-58F-ES

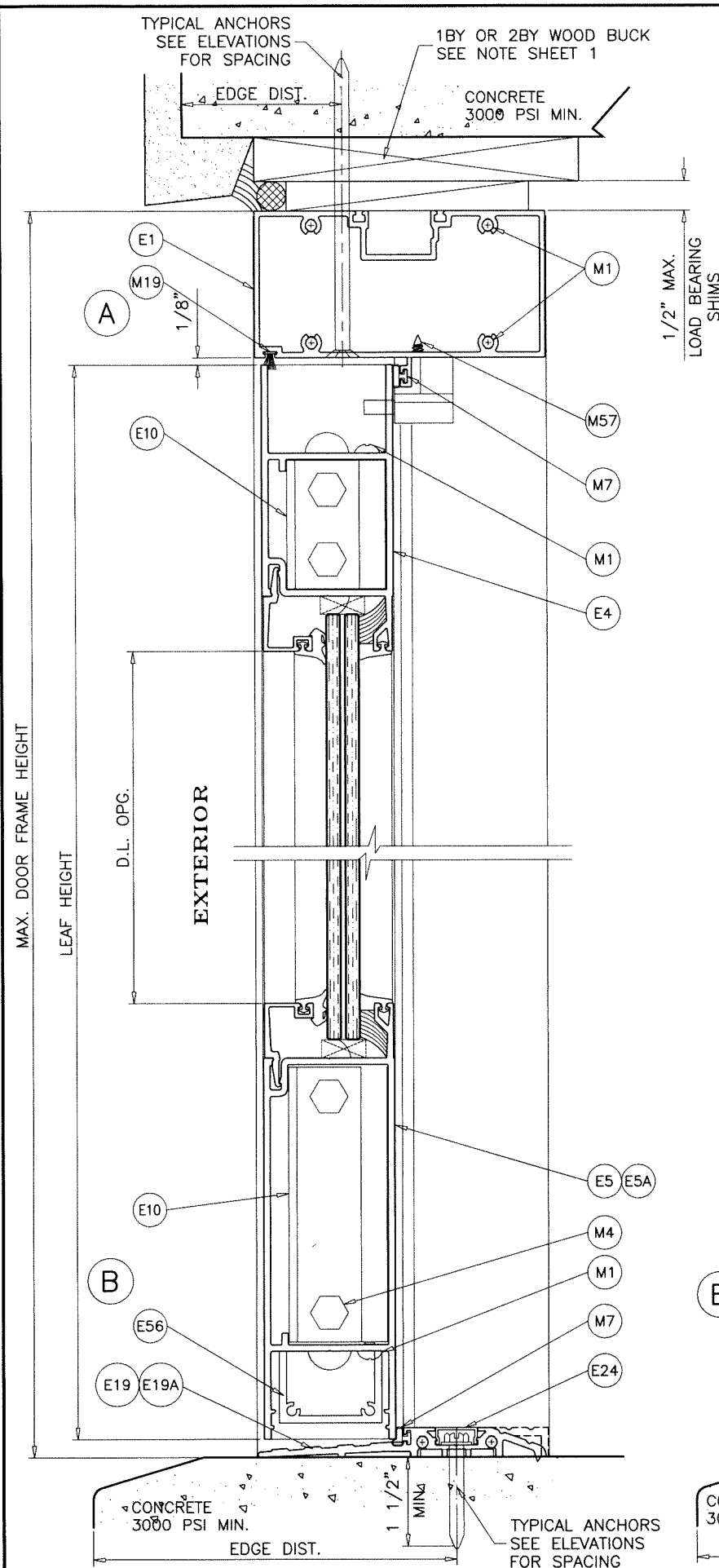
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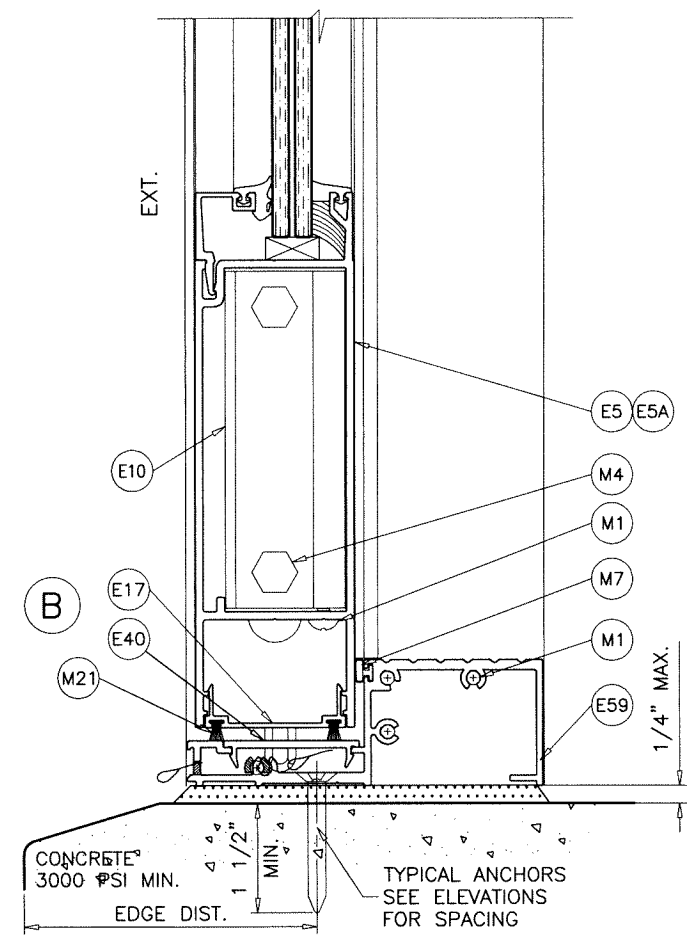
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sheet 5 of 21



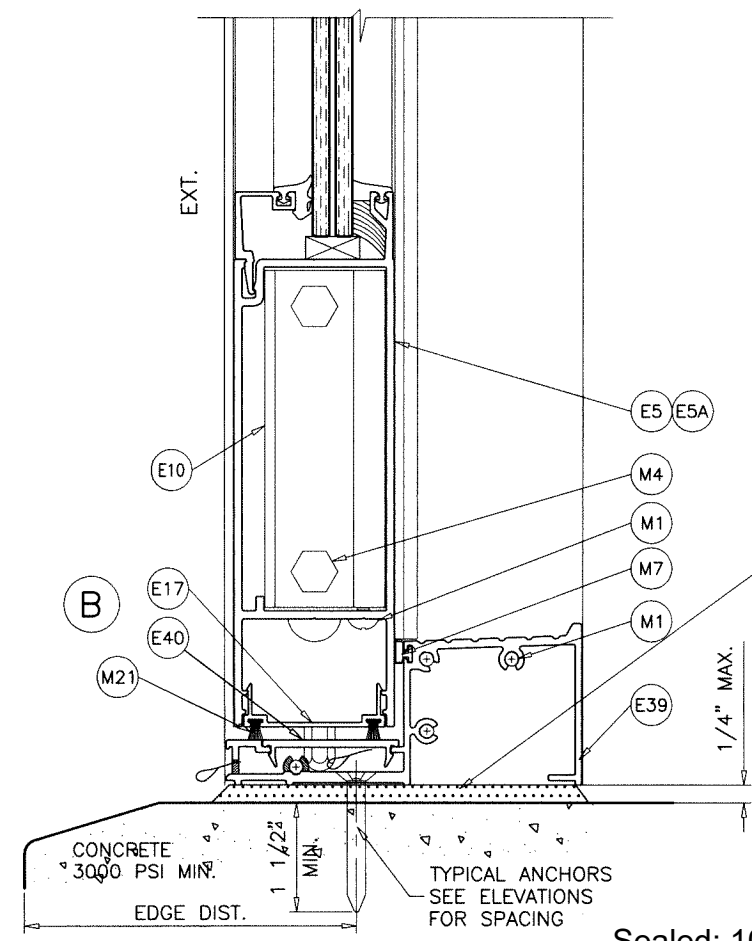
STANDARD THRESHOLD

NOT APPROVED FOR WATER INFILTRATION RESISTANCE



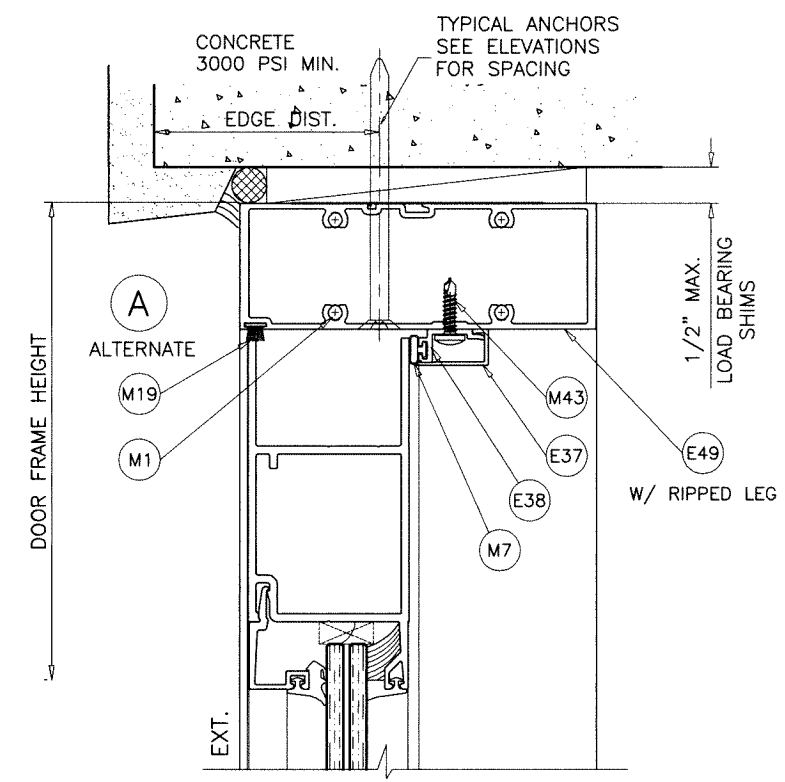
MEDIUM THRESHOLD

NOT APPROVED FOR WATER INFILTRATION RESISTANCE



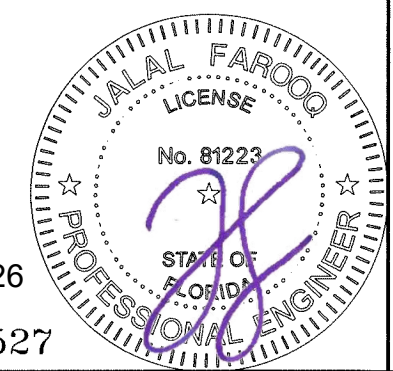
HIGH THRESHOLD

APPROVED FOR WATER INFILTRATION RESISTANCE



**DOOR HEAD
SERIES-8000 FRAME OPTION**

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

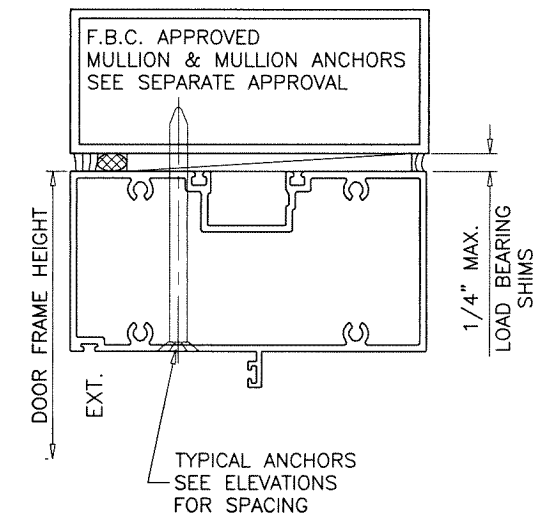
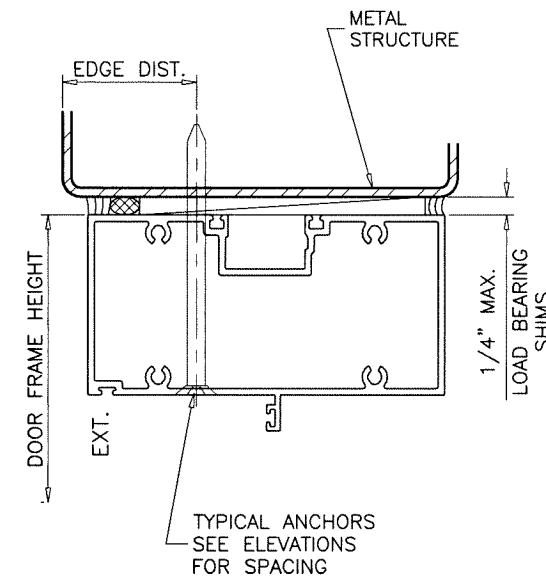
INTO CONCRETE = 2-1/2" MIN.

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

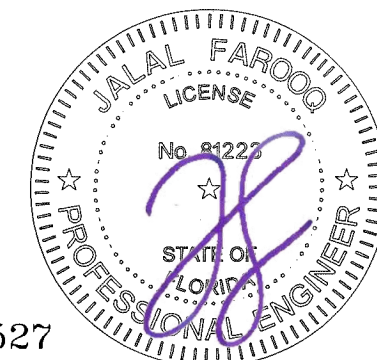
ANCHOR EDGE DISTANCES

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.

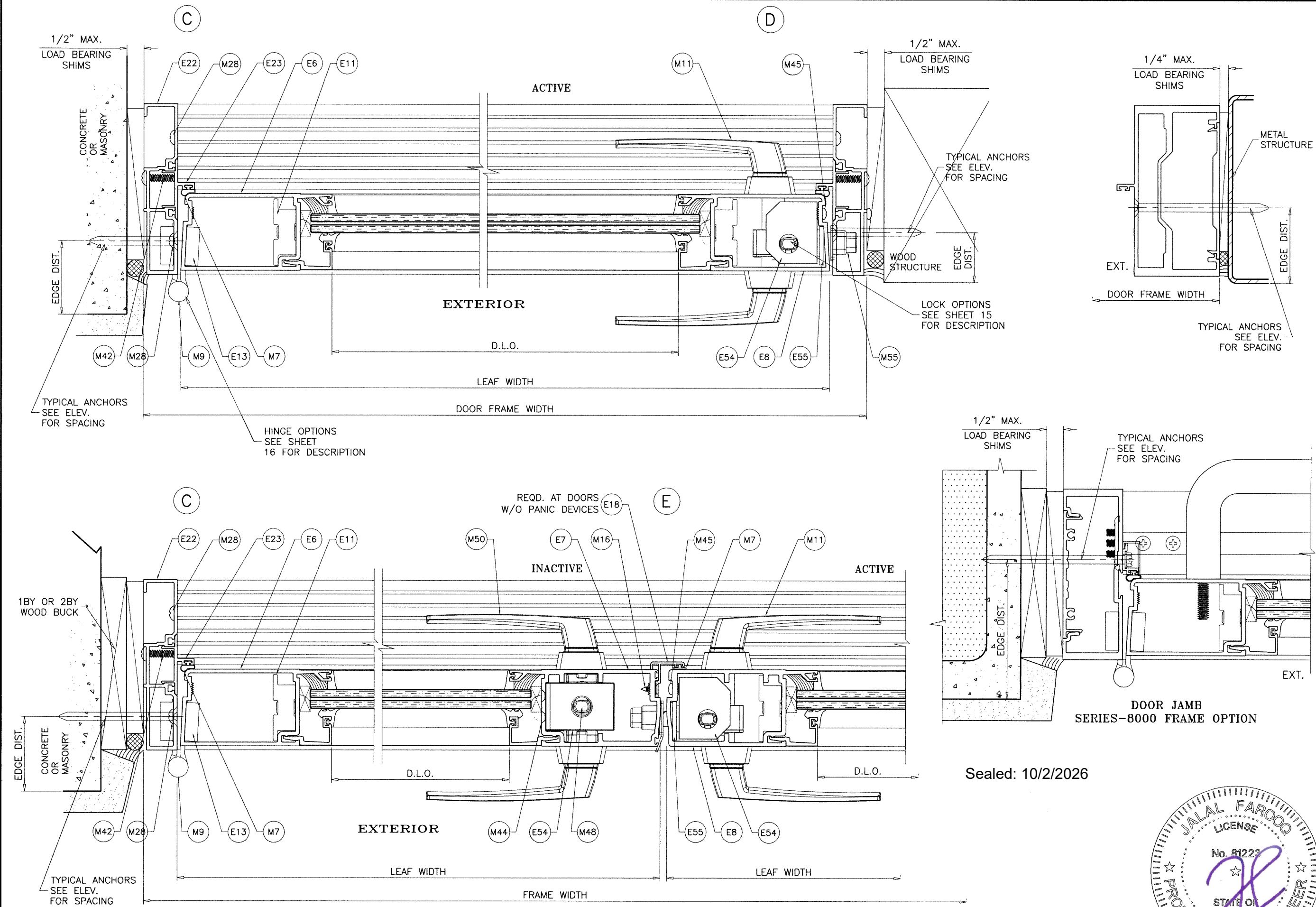


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FL #22527

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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 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:	
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by	description
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DOOR JAMB
SERIES-8000 FRAME OPTION

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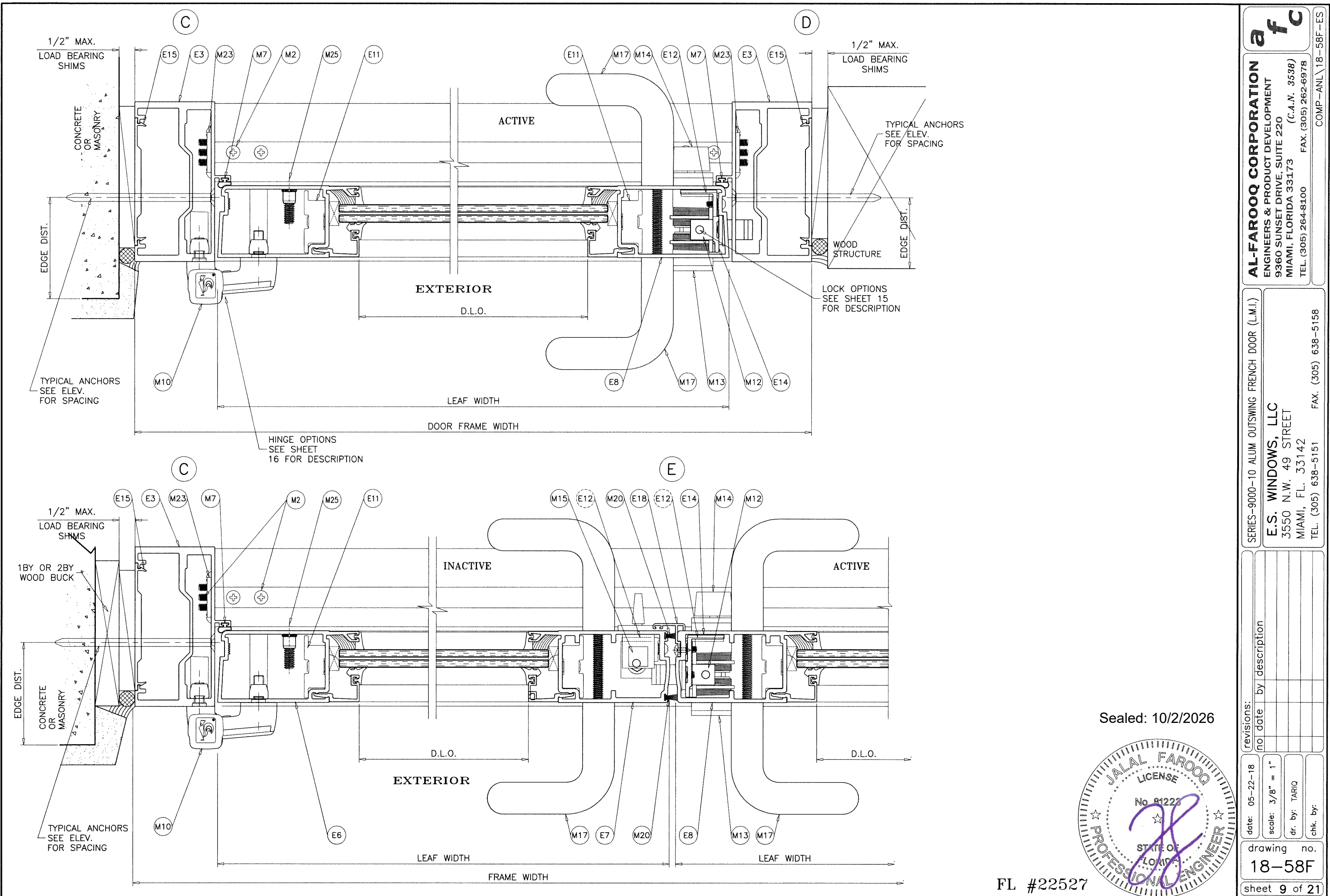
SERIES-9000-10 ALUM. OUTSWING FRENCH DOOR (L.M.I.)

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9360 SUNSET DRIVE, SUITE 220
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COMP-ANL 18-58F-ES

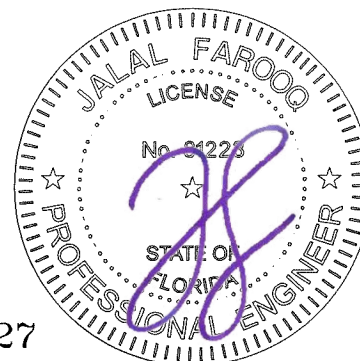
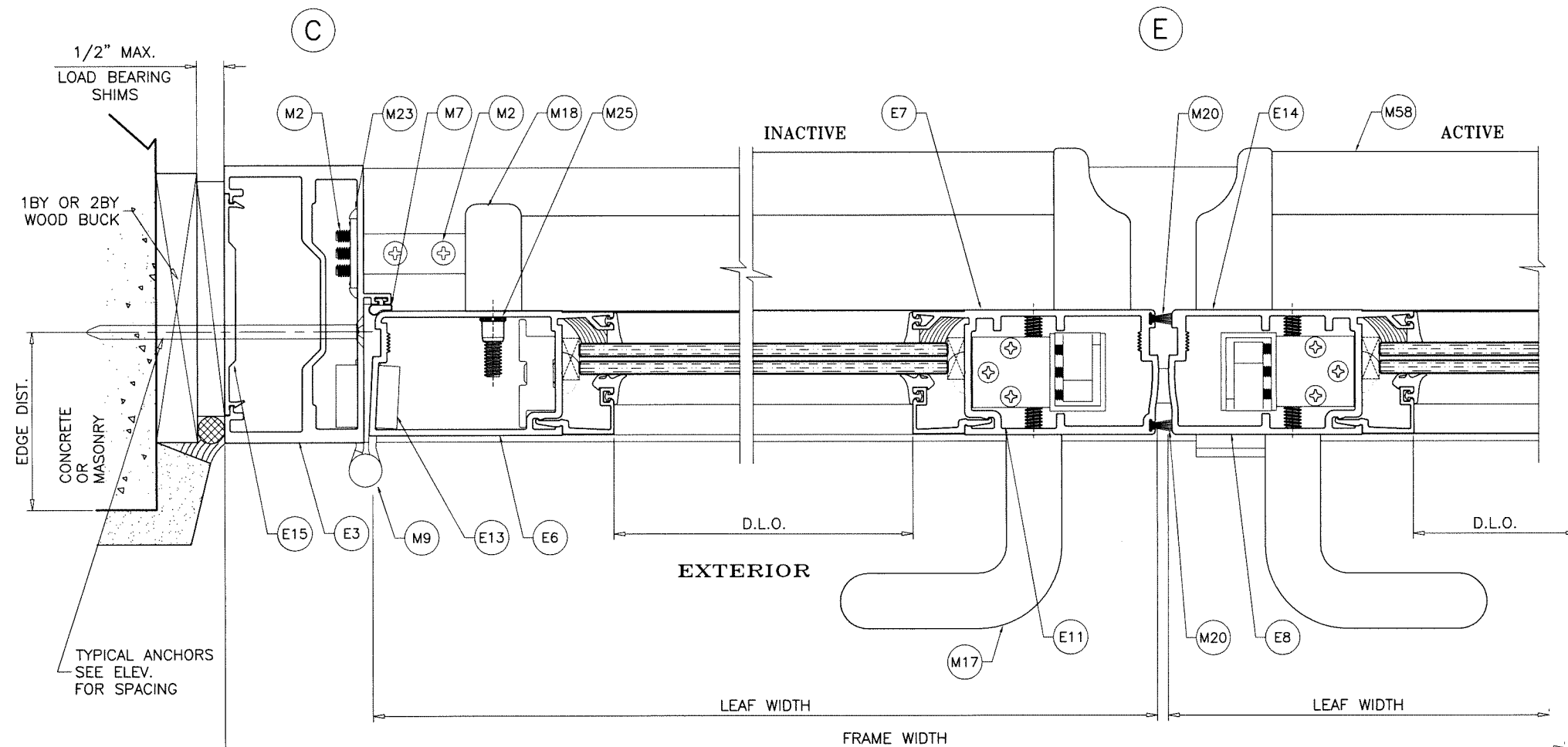
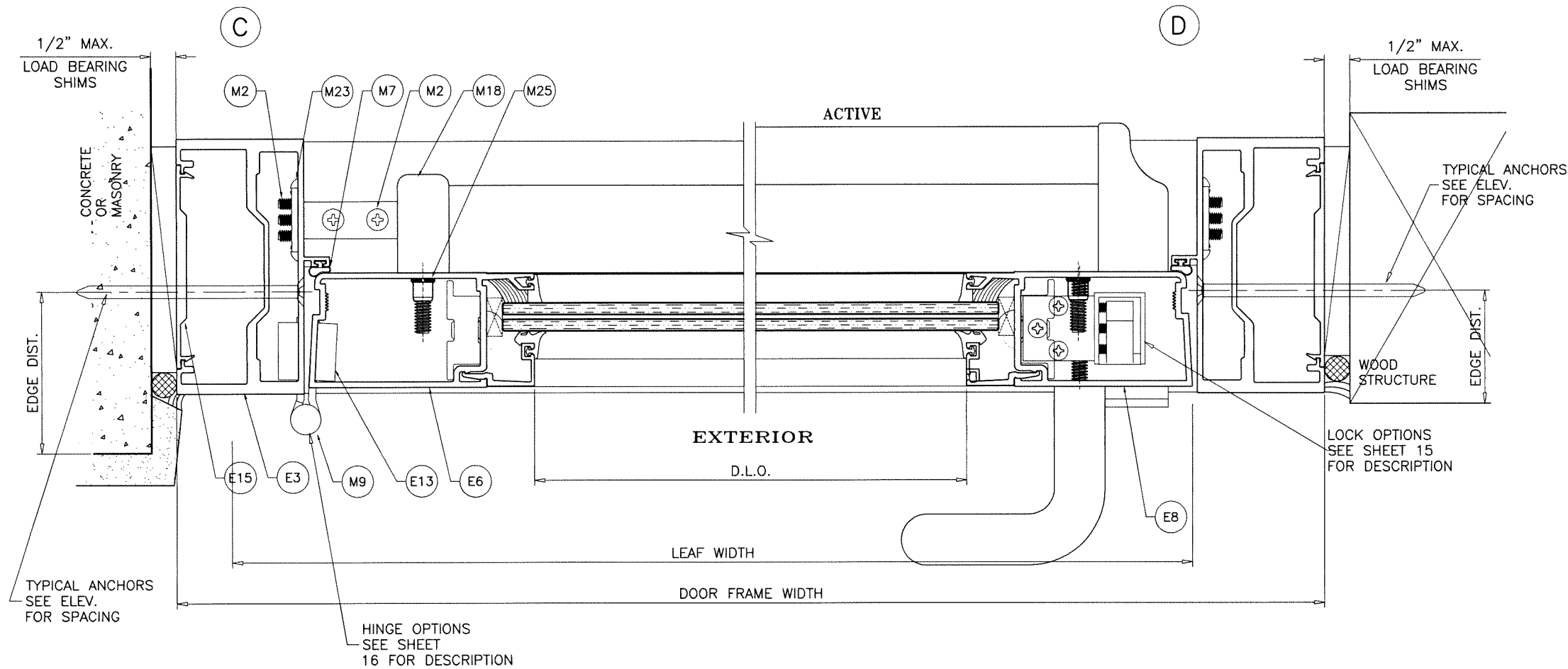
SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

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3550 N.W. 49 STREET
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FL #22527

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

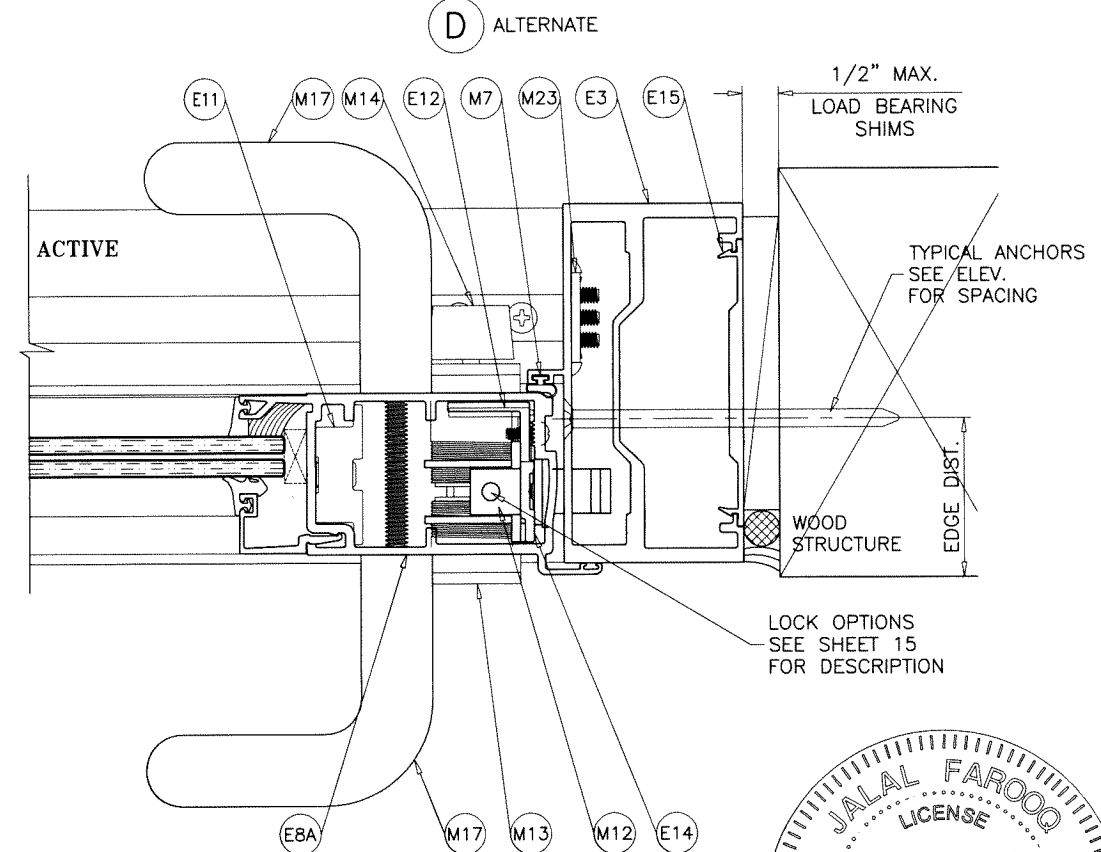
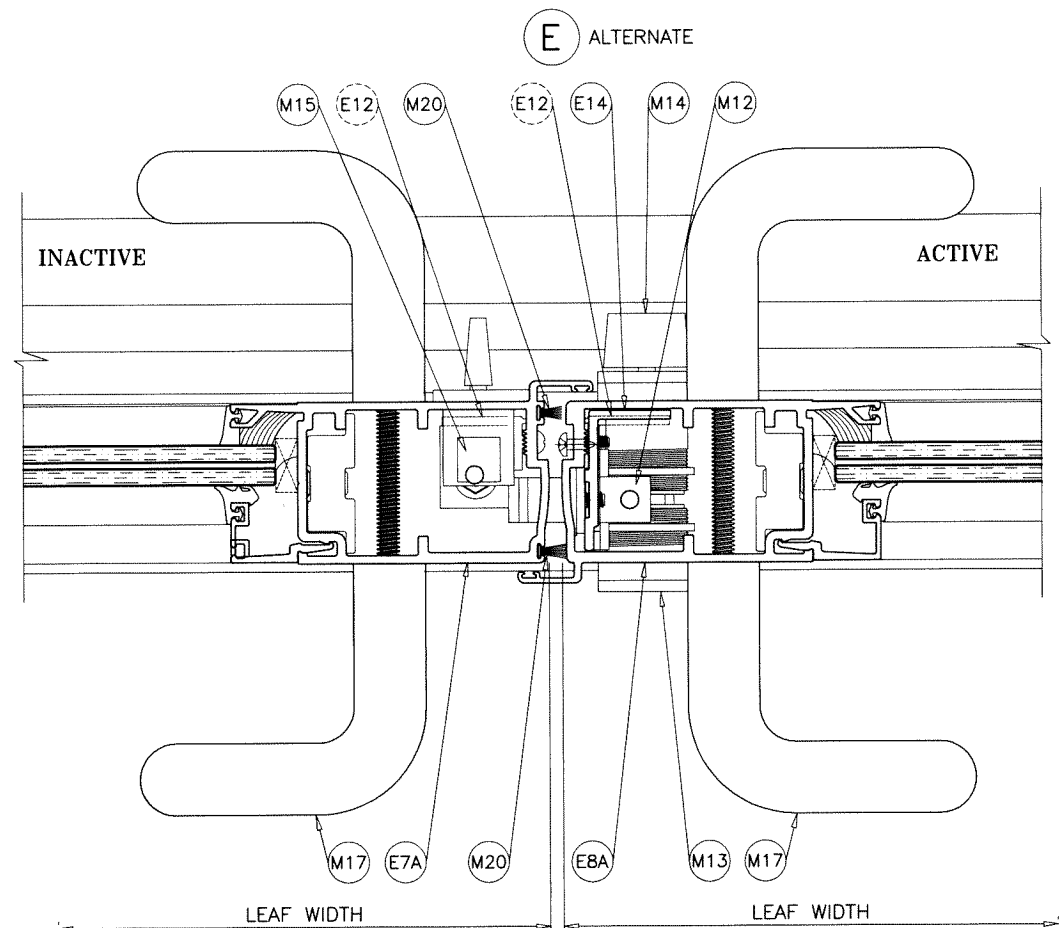
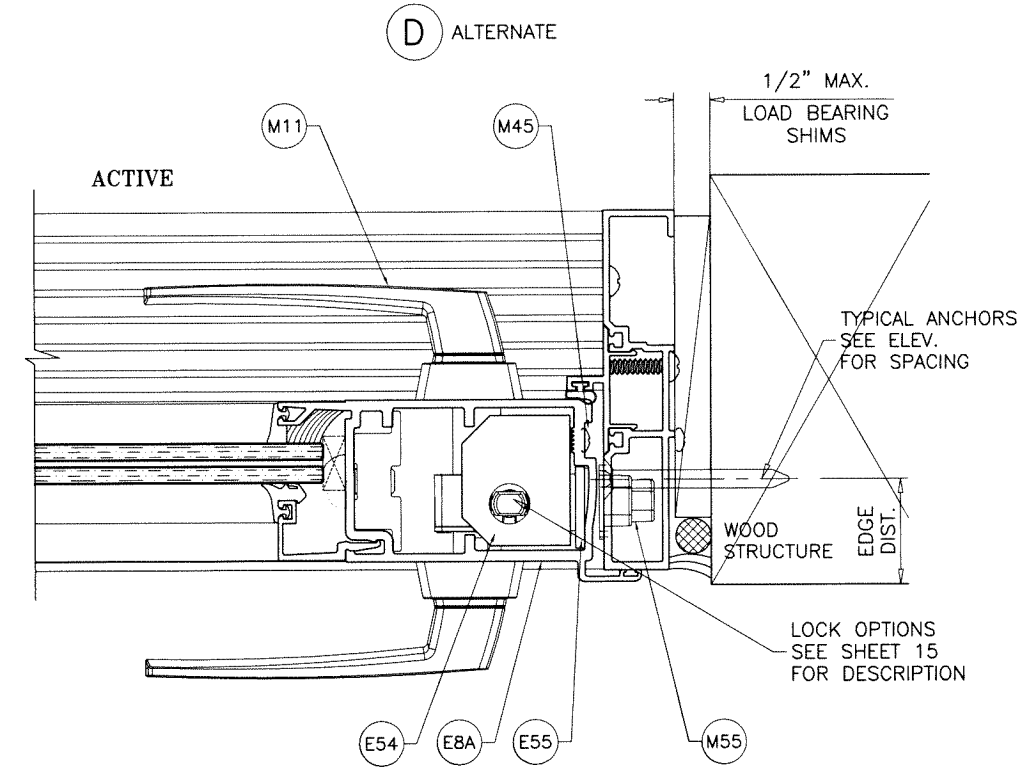
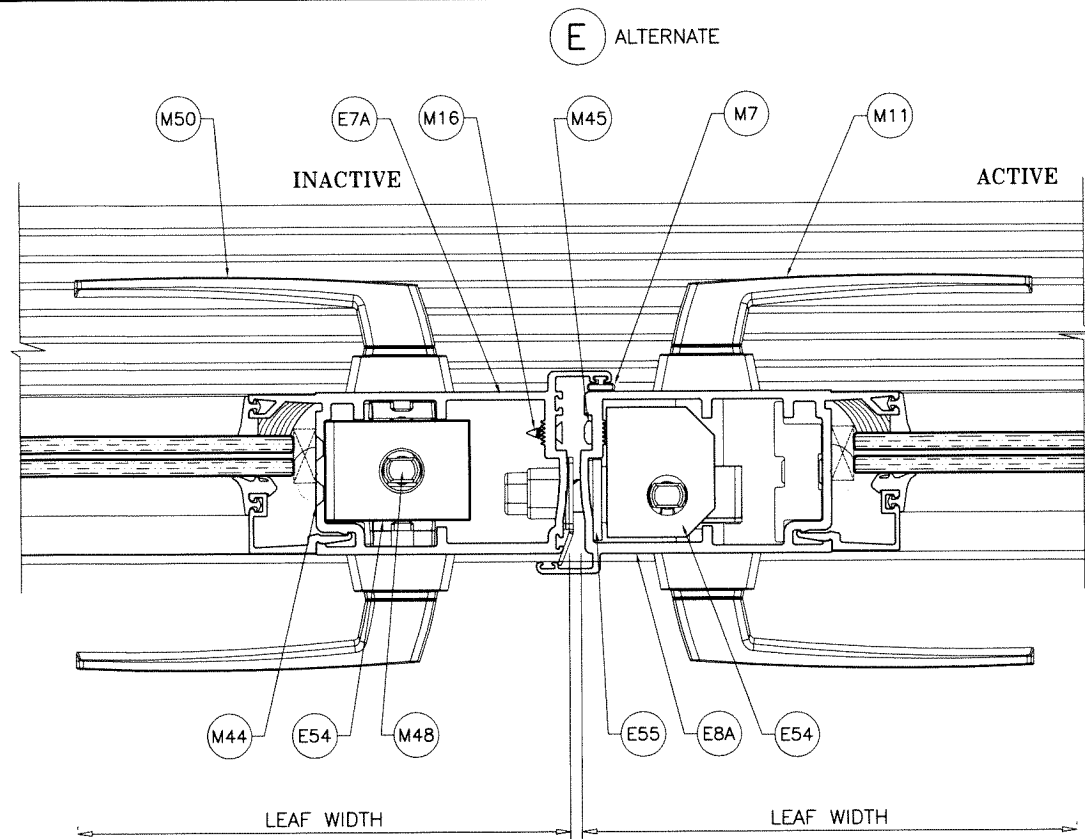
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SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

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3550 N.W. 49 STREET
MIAMI, FL. 33142
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date: 05-22-18	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:	drawing no. 18-58F
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ALT. MEETING STILES NOT APPROVED FOR DOORS
WITH PANIC EXIT DEVICES.

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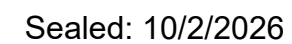
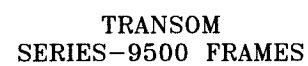
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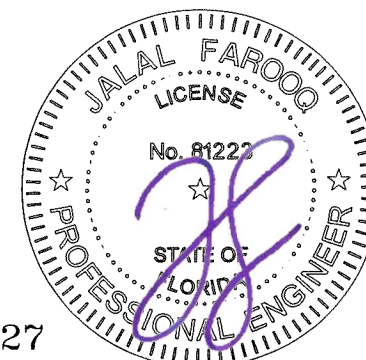
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
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SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)
E.S. WINDOWS, LLC
3550 N.W. 49 STREET
MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

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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 \ 18

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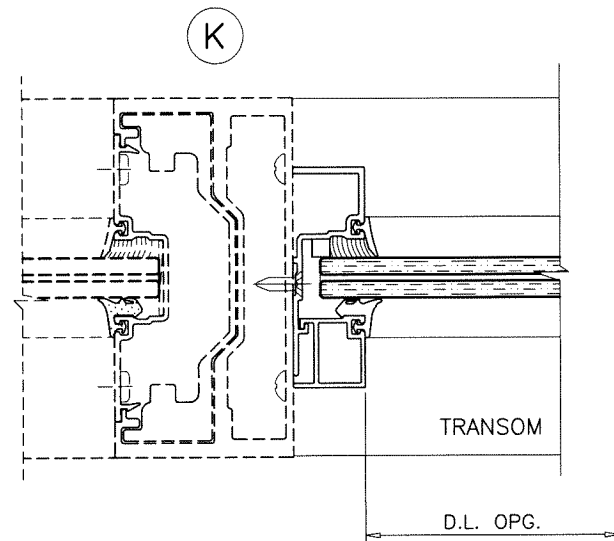
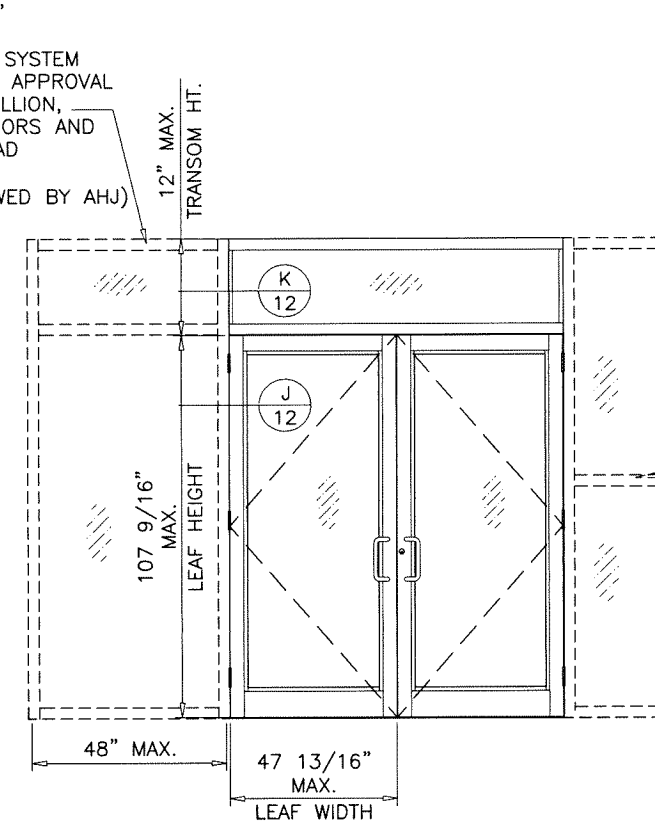
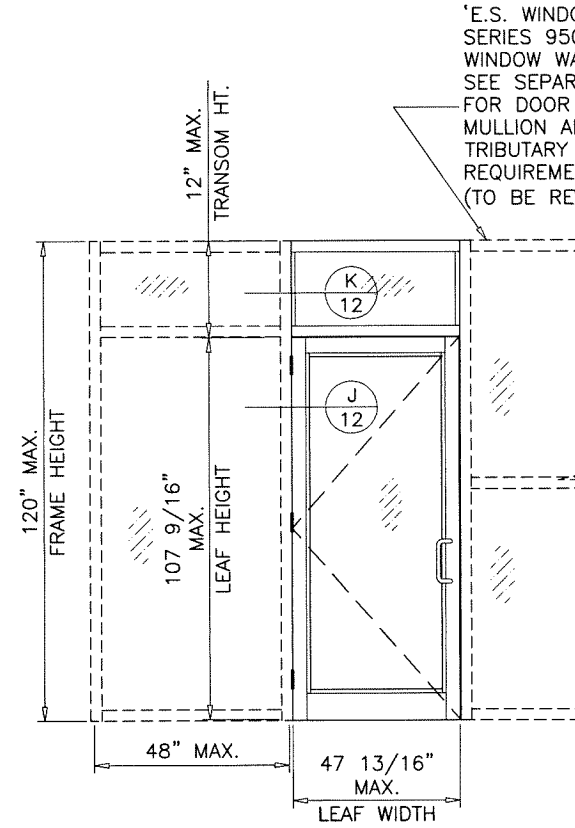
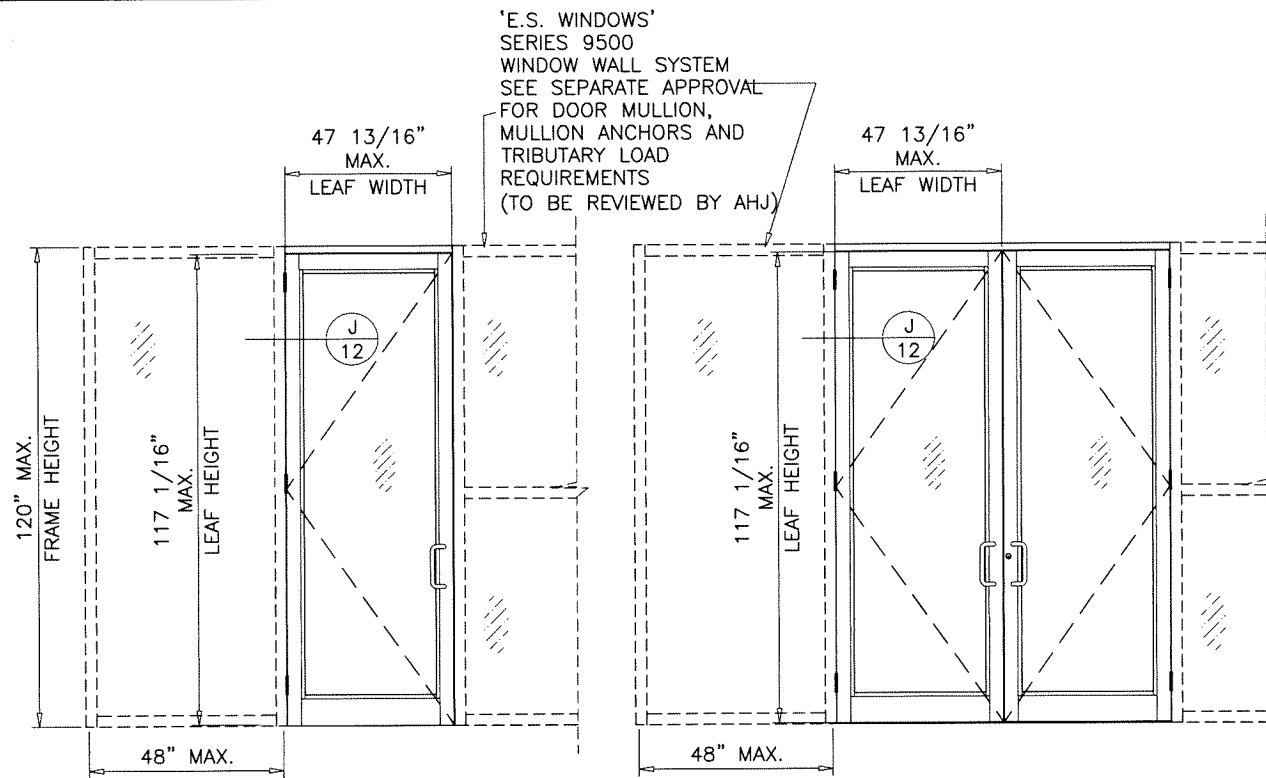
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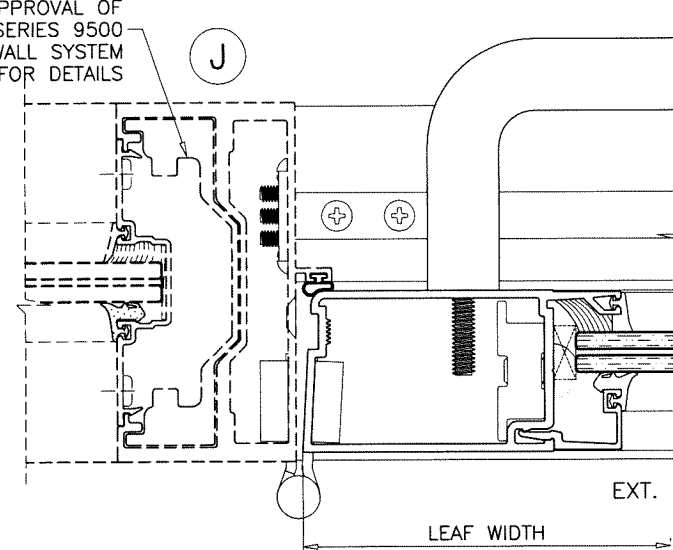
FAX. (305) 638-5158

TEL. (305) 638-5151

COMP-ANL\18-58F-ES



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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9360 SUNSET DRIVE, SUITE 220
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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

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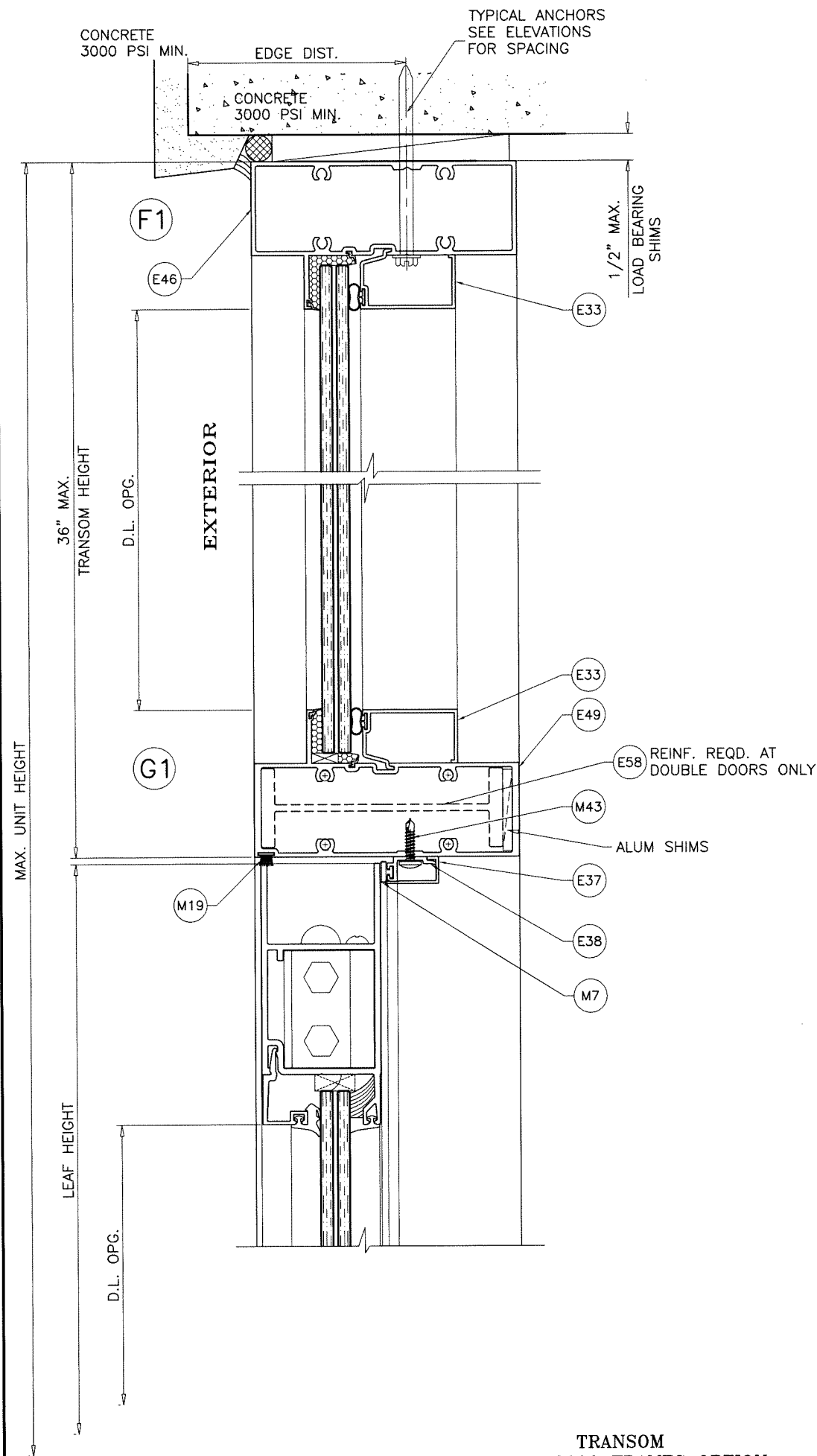
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TRANSOM
SERIES-8000 FRAMES OPTION

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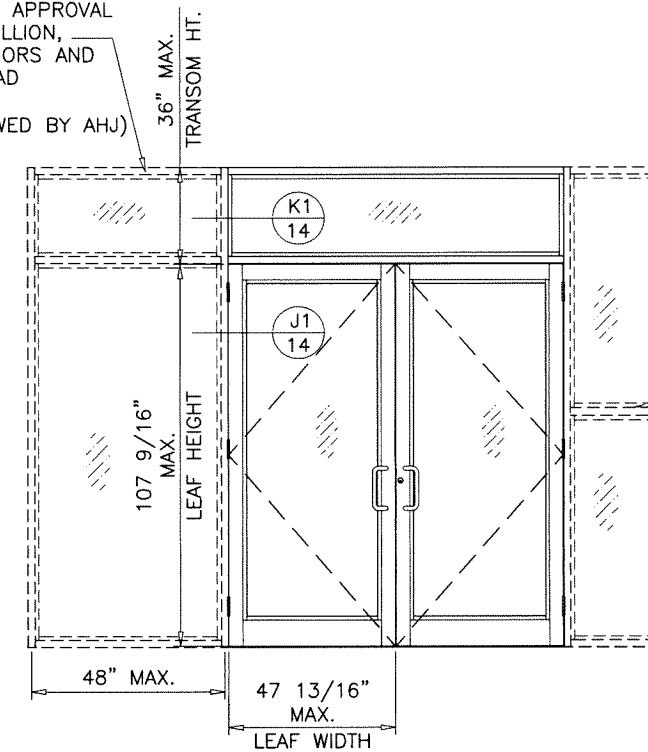
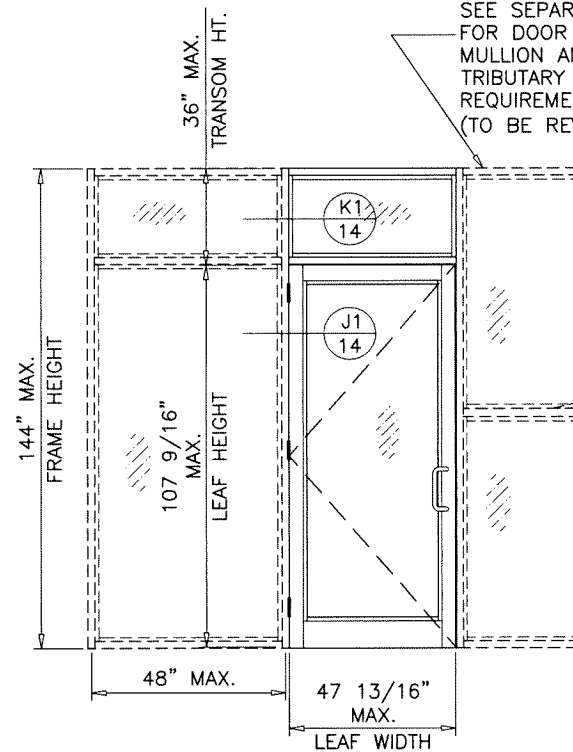
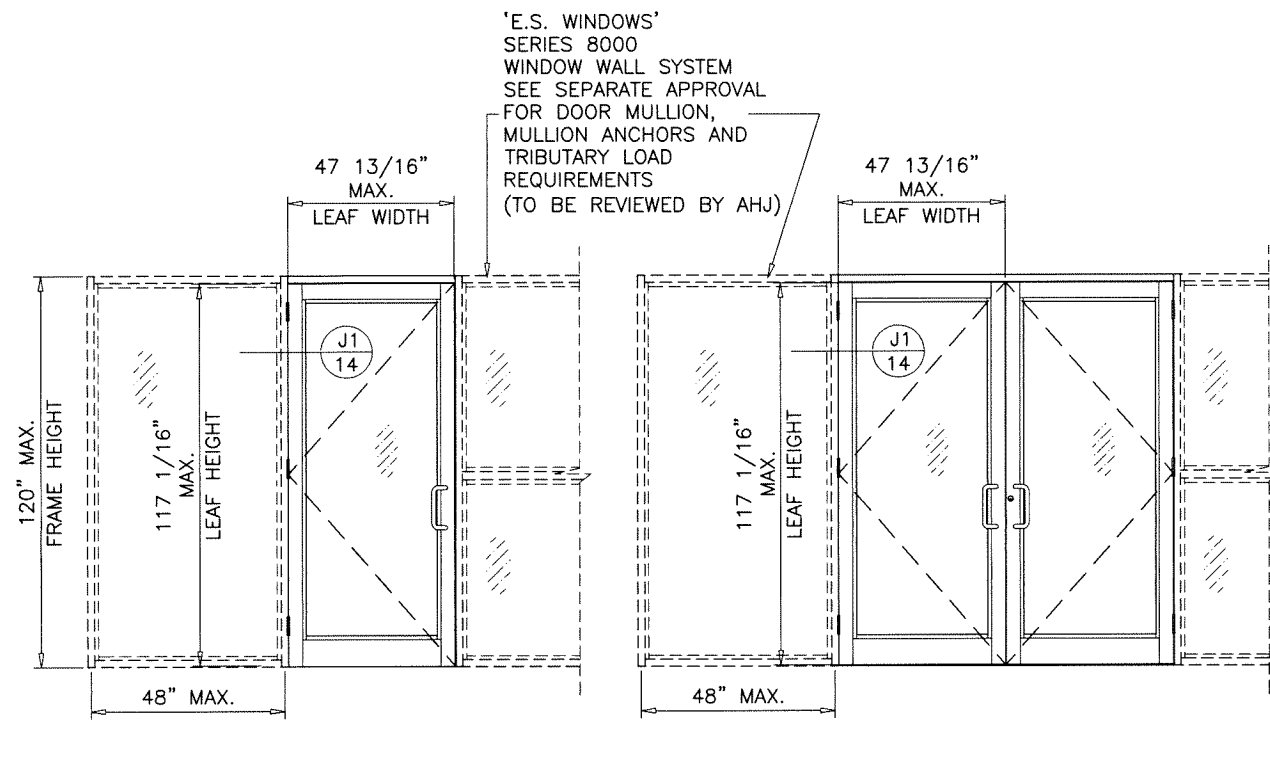


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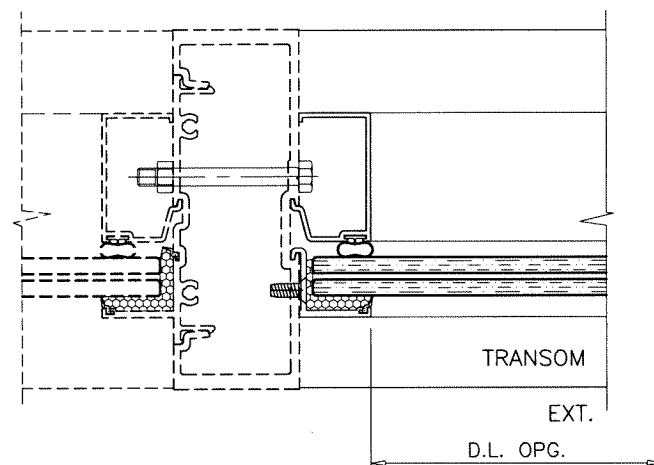
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 (C.A.N. 3538)		a f c
SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)		
E.S. WINDOWS, LLC 3550 N.W. 49 STREET MIAMI, FL. 33142 TEL. (305) 638-5151 FAX. (305) 638-5158		
drawing no. 18-58F		
sheet 13 of 21		

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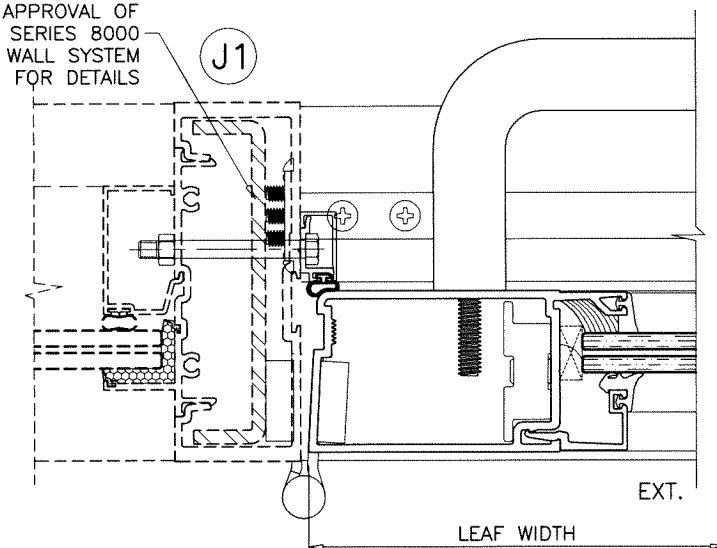


K1



REINFORCING WILL VARY SEE CURRENT APPROVAL OF E.S. SERIES 8000 WINDOW WALL SYSTEM FOR DETAILS

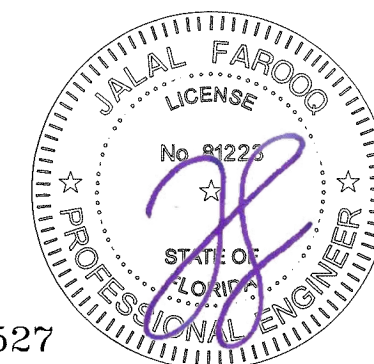
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F.B.C. APPROVED
SERIES 8000 WINDOW WALL SYSTEM BY 'E.S. WINDOWS' UNDER SEPARATE APPROVAL.

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



FL #22527

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

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MIAMI, FL. 33142
TEL. (305) 638-5151 FAX. (305) 638-5158

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date: 05-22-18
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.

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

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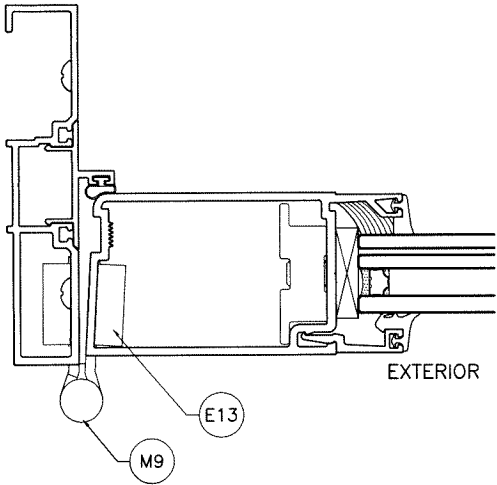
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date: 05-22-18		revisions:	
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drawing no. 18-58F			
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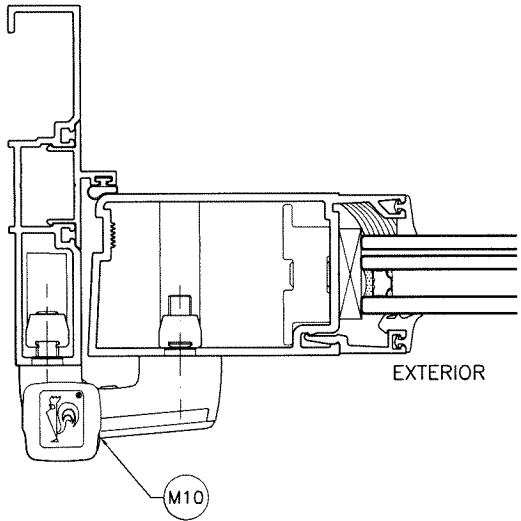
OPTION #1:

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

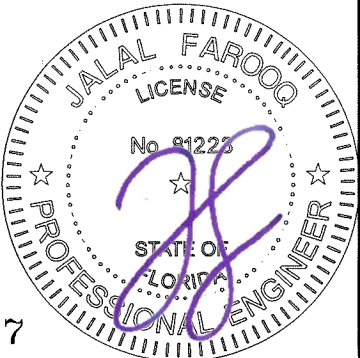


OPTION #2:

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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COMP-ANL 18-58F-ES

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revisions:

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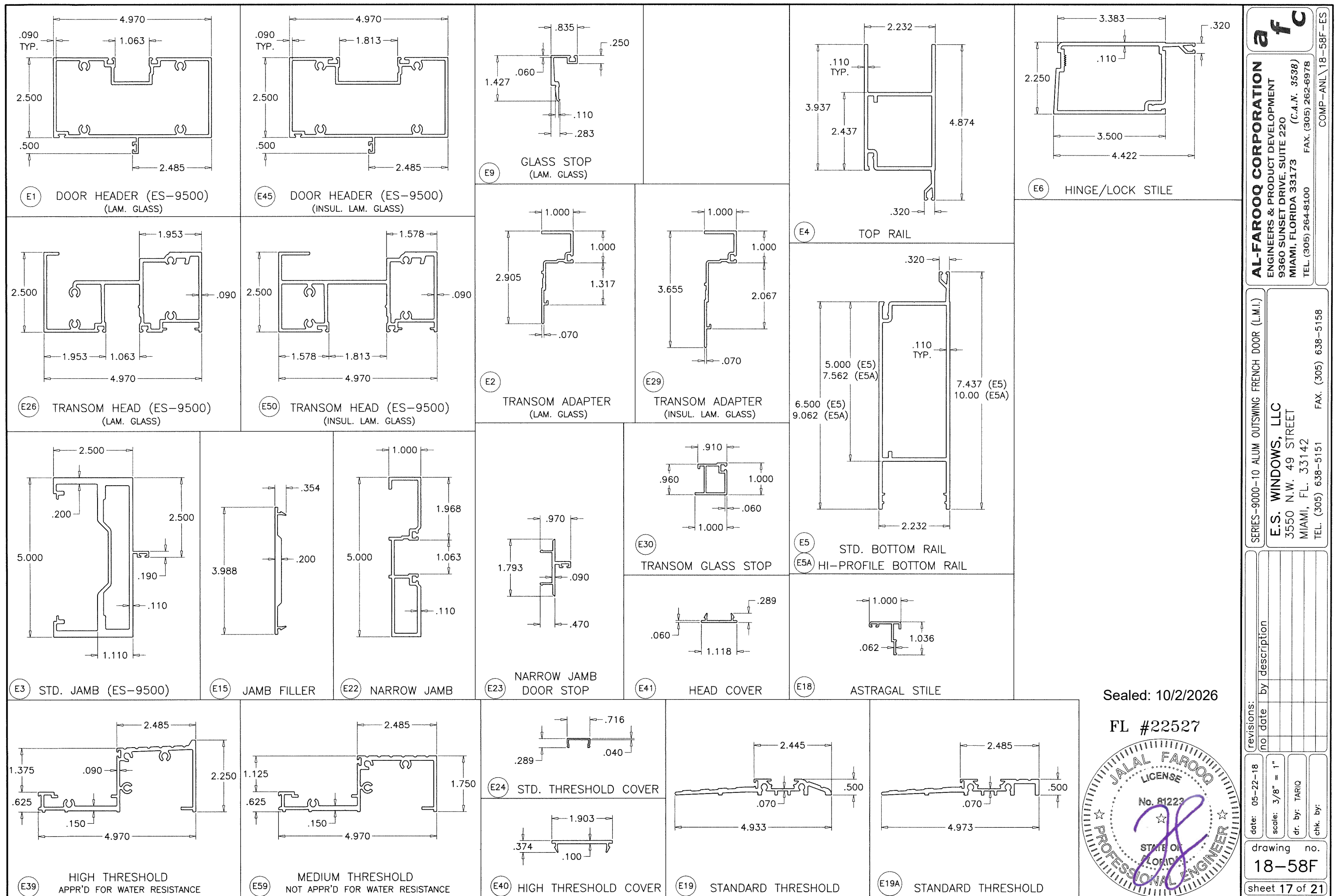
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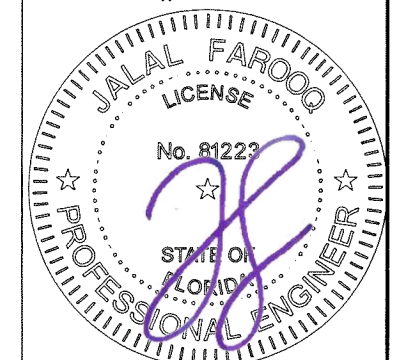
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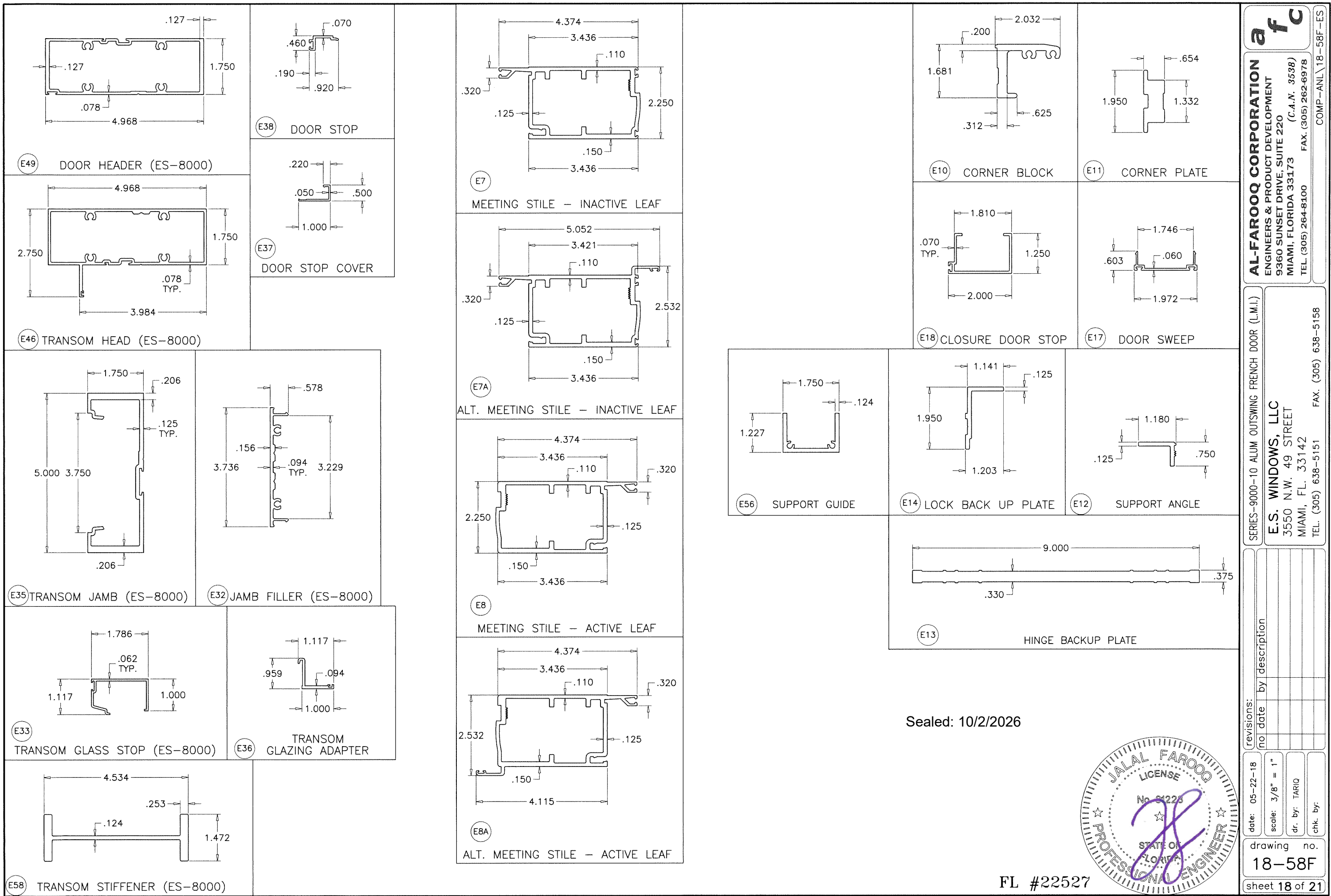
SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

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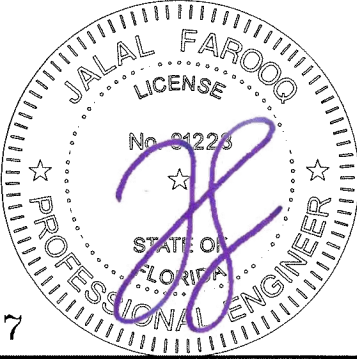
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18-58F
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9360 SUNSET DRIVE, SUITE 220
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C.A.N. 3538

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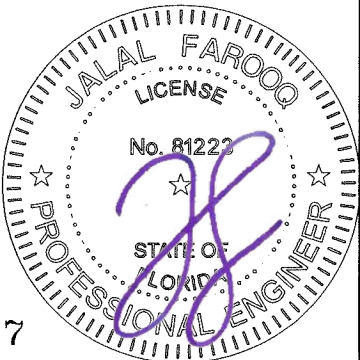
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18-58F

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ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
E1	ES-9012	1	DOOR HEADER	6061-T6	-
E2	ES-9019		TRANSOM ADAPTER	6063-T5	-
E3	ES-9013	2	STD. DOOR JAMB	6063-T6	-
E4	ES-9001	2	TOP RAIL	6063-T5	-
E5	ES-9002	1	STD. BOTTOM RAIL	6063-T6	-
E5A	ES-9000-031	1	HI-PROFILE BOTTOM RAIL	6063-T6	-
E6	ES-9003	2	HINGE/LOCK STILE	6063-T5	-
E7	ES-9006	1	MEETING STILE - INACTIVE LEAF	6063-T5	-
E7A	-	1	ALT. MEETING STILE - INACTIVE LEAF	6063-T5	-
E8	ES-9007	1	MEETING STILE - ACTIVE LEAF	6063-T5	-
E8A	-	1	ALT. MEETING STILE - ACTIVE LEAF	6063-T5	-
E9	ES-9004	4	GLASS STOP	6063-T5	-
E10	ES-9008	4	CORNER BLOCK	6063-T5	-
E11	ES-9009	4	CORNER PLATE	6063-T5	-
E12	ES-9010	4	SUPPORT ANGLE	6063-T5	3/4" X 1" X 1/8" X 9" LONG
E13	ES-9011	AS REQD.	HINGE BACKUP PLATE REINFORCEMENT	6063-T5	1-1/4" X 9" X 3/8" THK.
E14	ES-9020	1	LOCK BACKUP PLATE REINFORCEMENT	6063-T5	10" LONG
E15	ES-9016	AS REQD.	JAMB FILLER	6063-T6	-
E17	ES-9005	-	DOOR SWEEP	6063-T5	-
E18	ES-9060		ASTRAGAL STILE, SECURED W/ #8 X 1/2" SMS @ 12" O.C.	6063-T5	-
E19	ES-9000-030	1	STANDARD THRESHOLD	6061-T6	-
E19A	ES-9000-059	1	STANDARD THRESHOLD	6061-T6	-
E22	ES-7530-213	AS REQD.	NARROW DOOR JAMB	6063-T6	-
E23	ES-7530-214	AS REQD.	NARROW JAMB DOOR STOP	6063-T6	-
E24	ES-6011	AS REQD.	SCREW COVER	6063-T6	-
E26	ES-9506	AS REQD.	FRAME HEAD (LAM. GLASS)	6063-T5	-
E29	ES-9024	AS REQD.	TRANSOM ADAPTER (INSUL. LAM. GLASS)	6063-T5	-
E30	ES-9018	AS REQD.	TRANSOM GLASS STOP	6063-T5	-
E32	ES-8003	AS REQD.	JAMB FILLER	6063-T6	-
E33	ES-8006	AS REQD.	GLASS STOP	6063-T5	-
E36	ES-8014	AS REQD.	GLAZING ADAPTER (DOOR TRANSOM)	6063-T6	-
E37	ES-9052	-	DOOR STOP COVER	6063-T5	-
E38	ES-9051	-	DOOR STOP	6063-T5	-
E39	ES-9026	1	HIGH THRESHOLD	6063-T6	-
E40	ES-9027	1	THRESHOLD COVER	6063-T5	-
E41	ES-9502	AS REQD.	HEAD COVER	6063-T5	-
E45	ES-9025	AS REQD.	DOOR HEADER (INSUL. LAM. GLASS)	6061-T6	-
E46	ES-8005	AS REQD.	TRANSOM HEAD	6063-T6	-
E49	ES-8013M2	AS REQD.	DOOR HEAD	6061-T6	-
E50	ES-9554	AS REQD.	HEAD (INSUL. LAM. GLASS)	6063-T5	-
E54	ALU-A-027	AS REQD.	ANGLE	6063-T6	-
E55	ALU-P-030	AS REQD.	PLATE	6063-T6	-
E56	GMP-104A	AS REQD.	SUPPORT GUIDE	6063-T6	-
E58	-	AS REQD.	TRANSOM STIFFENER (ES-8000)	6005-T5	-
E59	ES-9000-036	1	MEDIUM THRESHOLD	6063-T6	-
M1	#12 X 1"	AS REQD.	FRAME & LEAF ASSEMBLY FASTENERS	ST. STEEL	PH SMS
M2	12-24 X 1/2"	AS REQD.	HINGE, INT. PIVOT & THRESHOLD CLIP FASTENERS	ST. STEEL	FH MS
M3	8-32 X 1/2"	AS REQD.	SUPPORT ANGLE & LOCK BACK UP PLATE FASTENERS	ST. STEEL	FH MS
M4	3/8-16 X 1"	AS REQD.	LEAF ASSEMBLY FASTENERS	ST. STEEL	HEX BOLT
M5	ES-9000-G01	AS RQD.	WEDGE GASKET	SILICONE	DUROMETER 70±5 SHORE A
M6	ES-9000-G02	AS RQD.	SPACER GASKET	EPDM	DUROMETER 70±5 SHORE A
M7	ES-9000-G03	AS RQD.	BULB VINYL, BASE-POLYPROPYLENE, BULB-TPE	-	ULTRAFAB, DUROMETER 73
M8	ES-9000-B01	AS REQD.	SETTING BLOCK (LAM. GLASS) AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
M8i	ES-9000-B02A	AS REQD.	SETTING BLOCK (INSUL. LAM. GLASS) AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
M9	-	AS REQD.	BUTT HINGE 4 1/2" x 4"	ST. STEEL	-
M10	60AT 2-TLG	AS REQD.	RESIDENTIAL HINGE	-	DR. HAHN
M11	DL01-6192-117	1	LOCK HANDLE KIT	-	ADAMS RITE
M12	MS1953-350	1	3 POINT LOCK	-	ADAMS RITE
M13	SBCTN03	1	KEY CYLINDER	-	-
M14	SBCTN03	1	THUMBTURN	-	-
M15	MS1880-04	1	2 POINT LOCK	-	ADAMS RITE

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
M16	#8 X 1/2"	AS REQD.	ASTRAGAL FASTENERS	ST. STEEL	FH SMS
M17	BF157A47	AS REQD.	PUSH - PULL	-	-
M18	33/35A	AS REQD.	PANIC EXIT DEVICE	-	VON DUPRIN
M19	W13273NK	AS REQD.	PILE W'STRIPPING	WOOL	-
M20	W23451NK	AS REQD.	PILE W'STRIPPING MTG. STILES	WOOL	-
M21	W13351NK	AS REQD.	PILE W'STRIPPING SWEEP	WOOL	-
M21B	W13276NK	AS REQD.	PILE W'STRIPPING	WOOL	-
M22	-	1/ CLOSER	CHANNEL SPACER 5/8" X 1-7/8"	-	-
M23	-	2	THRESHOLD CLIP	-	-
M24	DOWSIL 983	AS RQD.	STRUCTURAL SILICONE	-	-
M25	AEKA-420-165	AS RQD.	1/4-20 NUT FOR INSERT IN PUSH BAR	-	-
M27	#10 X 1/2"	AS REQD.	TRANSOM ADAPTER FASTENERS	ST. STEEL	FH SMS
M28	#12 X 1"	AS REQD.	TO LEAF	ST. STEEL	FH SMS
M34	ES-8009	AS REQD.	SILICONE DAM	EPDM	DUROMETER 60±5 SHORE A
M36	ES-8010	AS REQD.	BULB SEAL	EPDM	DUROMETER 60±5 SHORE A
M37	ES-6025-B05	AS REQD.	SETTING BLOCK (LAM. GLASS) AT 1/4 POINTS	EPDM	DUROMETER 85±5 SHORE A
M38	ES-8011	AS REQD.	GLASS SPACER	EPDM	DUROMETER 85±5 SHORE A
M41	-	AS REQD.	1/4" X 1/4" INTERIOR SPACER	EPDM	DUROMETER 85±5 SHORE A
M42	#12 X 2"	AS REQD.	THRESHOLD TO JAMB FASTENERS	ST. STEEL	PH SMS
M43	#8 X 1/2"	AS REQD.	DOOR STOP FASTENERS	ST. STEEL	PH SMS
M44	10-24 X 1/2"	AS REQD.	ANGLE FASTENERS	ST. STEEL	FH SMS
M45	8-32 X 1/2"	AS REQD.	ANGLE FASTENERS	ST. STEEL	PH SMS
M46	#8 X 3/4"	AS REQD.	ANGLE FASTENERS	ST. STEEL	FH SMS
M47	-	AS REQD.	MORTISE LOCK	-	-
M48	DL01-6040	AS REQD.	SHOOT BOLT TIPS	-	-
M50	DL01-6295-117	AS REQD.	DUMMY HANDLE KIT	-	-
M57	#10 X 1-1/2"	AS REQD.	FOR RATCHET RELEASE ACCESORY	ST. STEEL	FH SMS

Sealed: 10/2/2026



FL #22527

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

COMP-ANL\18-58F-ES

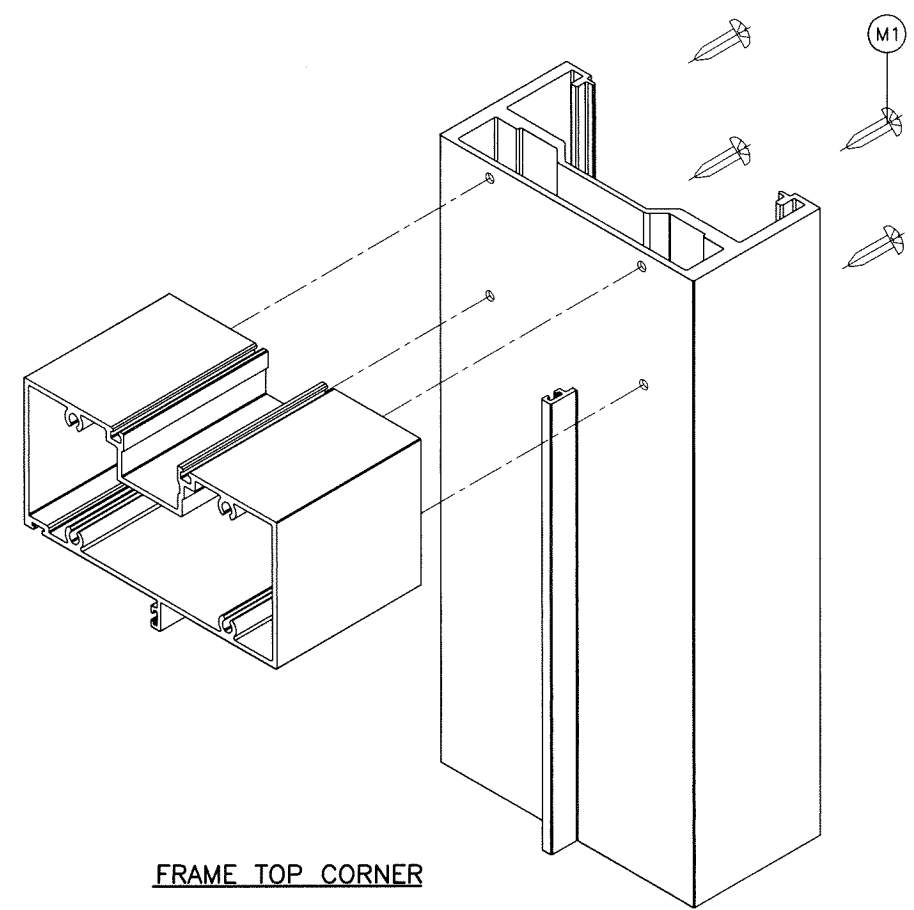
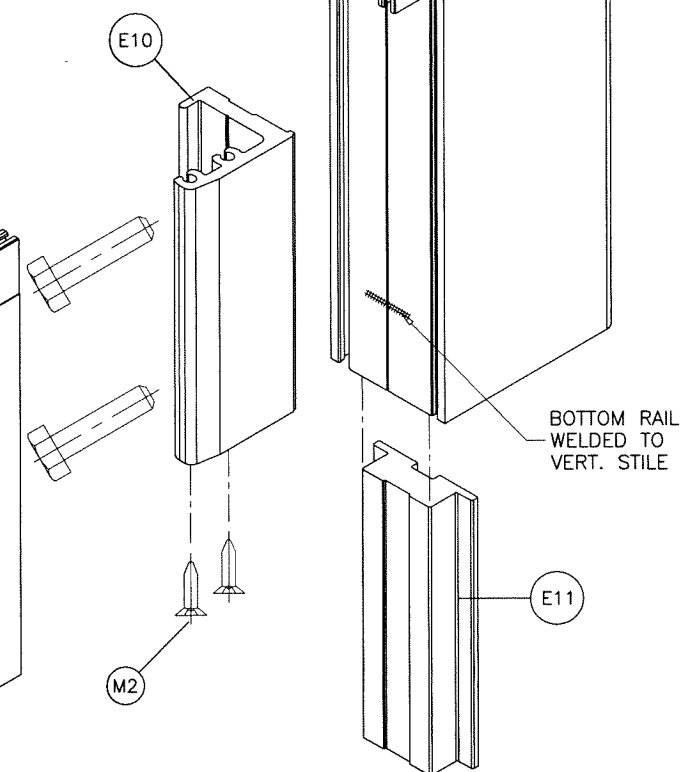
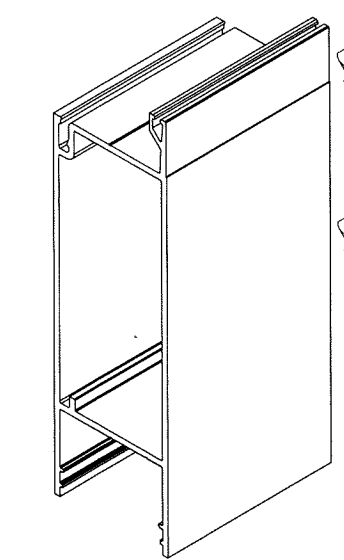
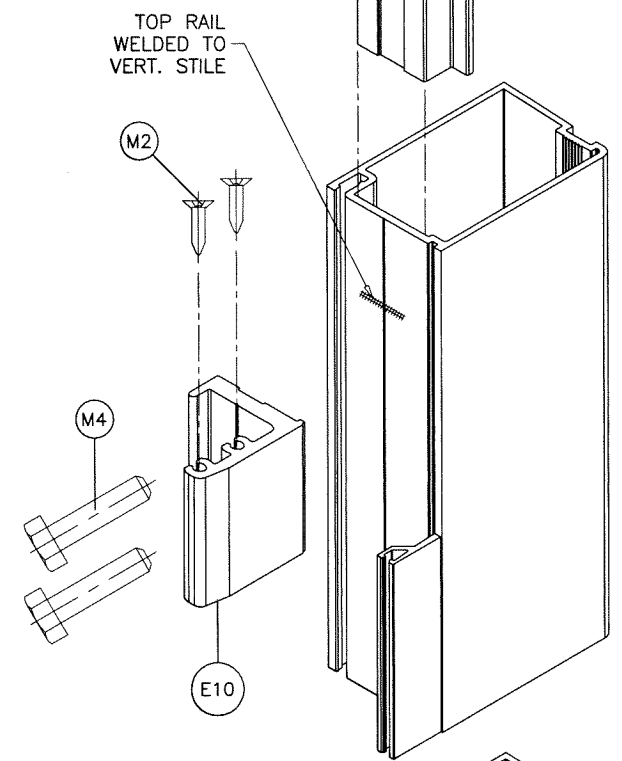
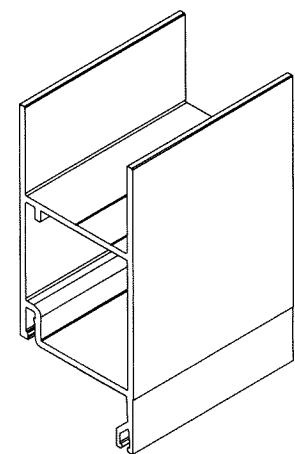
SERIES-9000-10 ALUM OUTSWING FRENCH DOOR (L.M.I.)

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

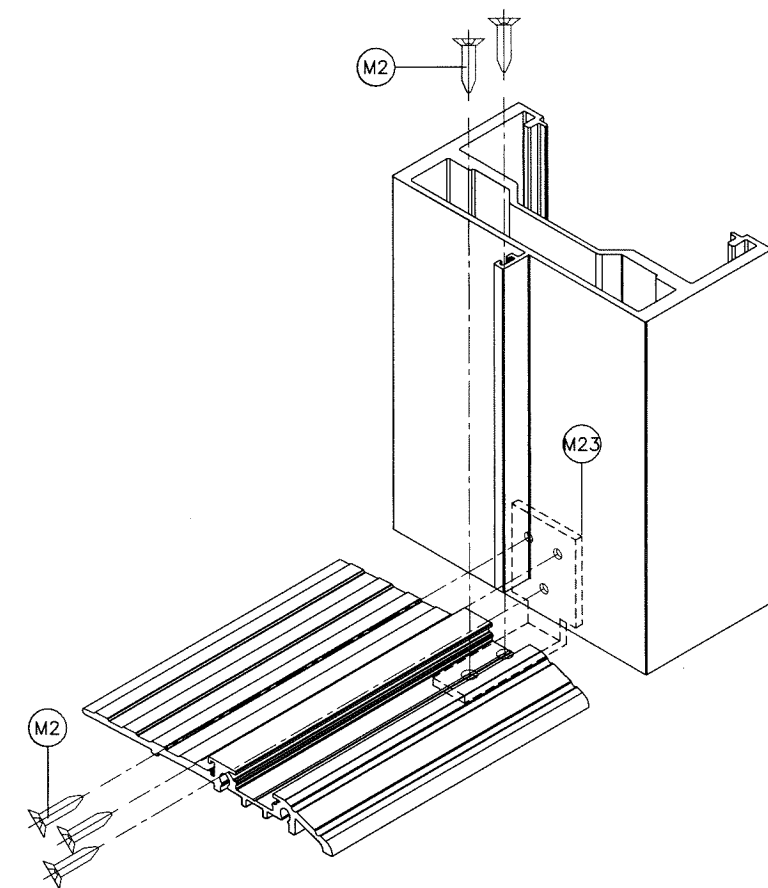
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18-58F
sheet 19 of 21



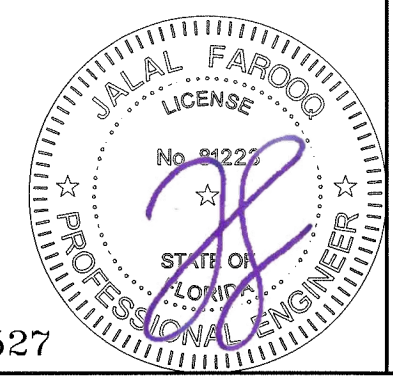
FRAME TOP CORNER



THRESHOLD CORNER

Sealed: 10/2/2026

FL #22527



a f c
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