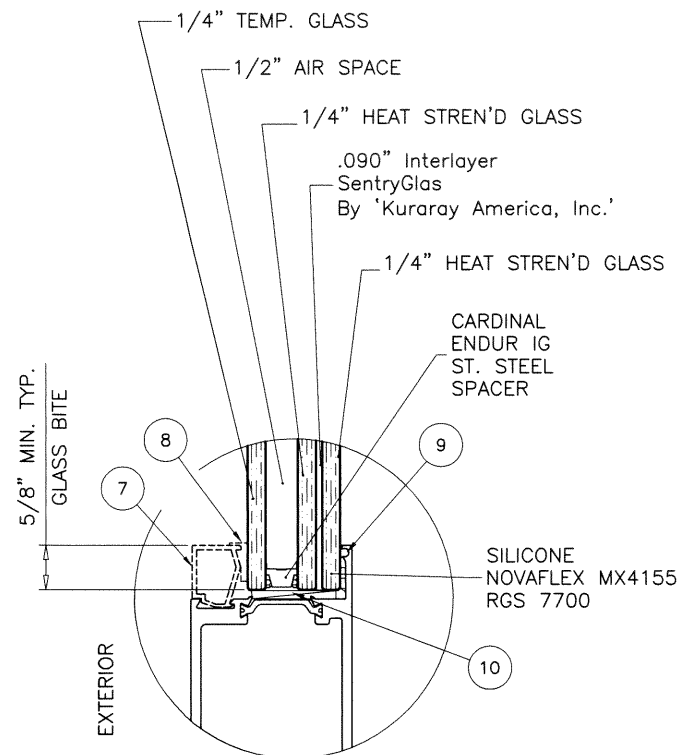




GLAZING DETAIL

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

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

SERIES 7980 ALUMINUM PIVOT DOOR

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

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

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 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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

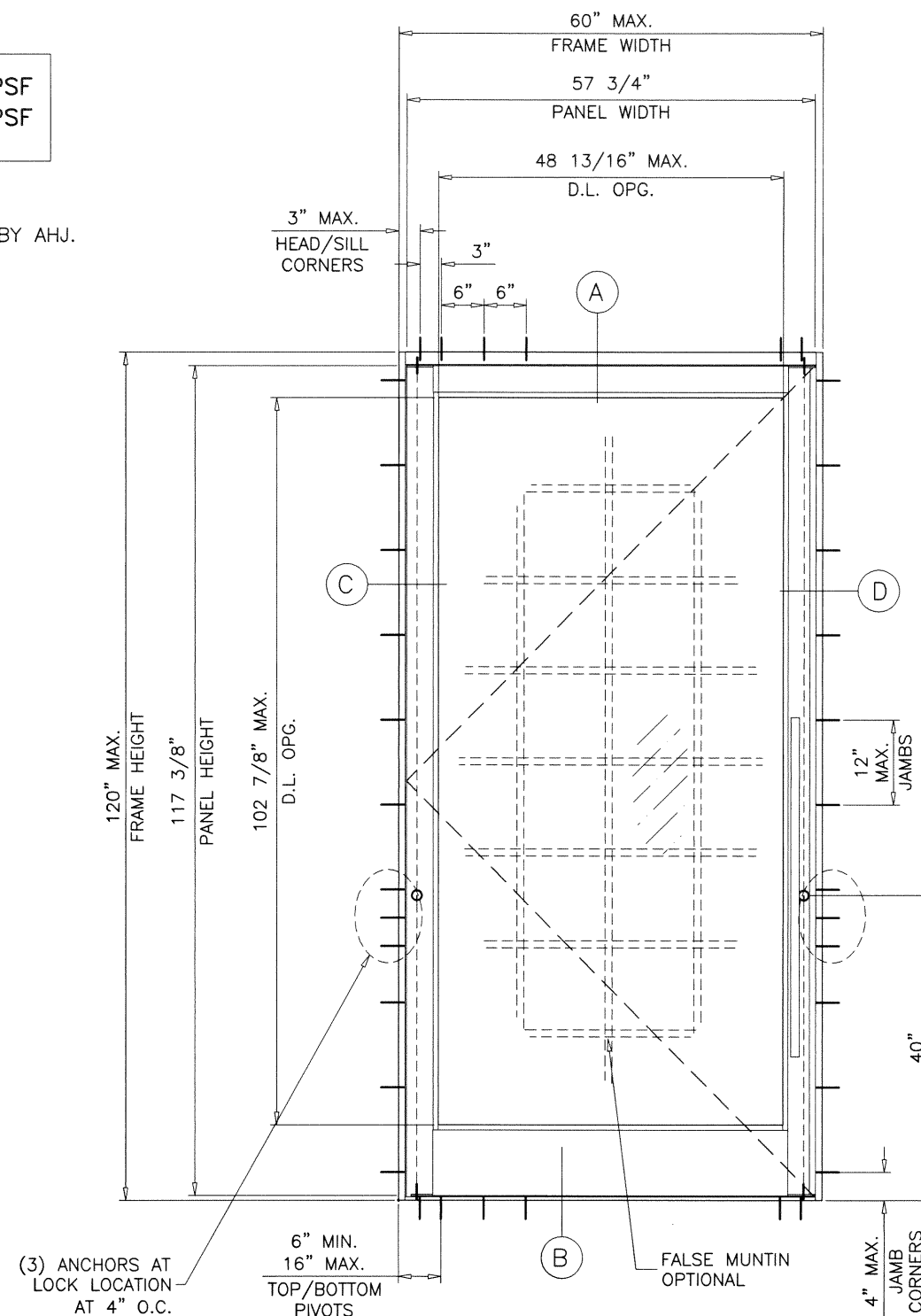
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

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

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.

MAXIMUM DESIGN LOAD RATING = + 37.5 PSF
(FOR MAX. SIZE SHOWN BELOW OR SMALLER) - 37.5 PSF
AS PERMITTED BY FBC REQUIREMENTS

NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

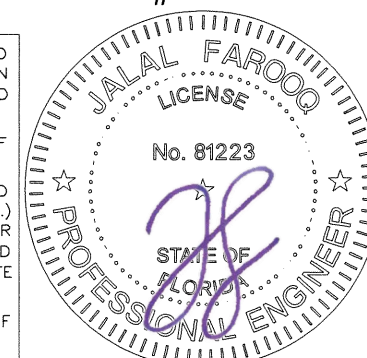


TYPICAL ELEVATION

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A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\19-37F-WWS

Series 7980 Aluminum Pivot Door (L.M.I.)

Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)

no	date	by	description
A	09.24.20		UPDATED TO 2020 FBC

revisions:

date: 05-03-19

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dr. by: TARIQ

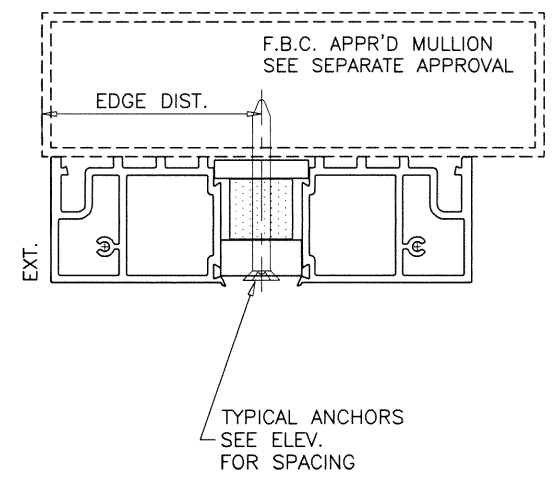
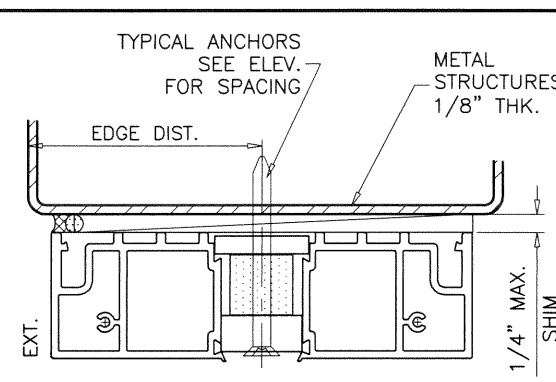
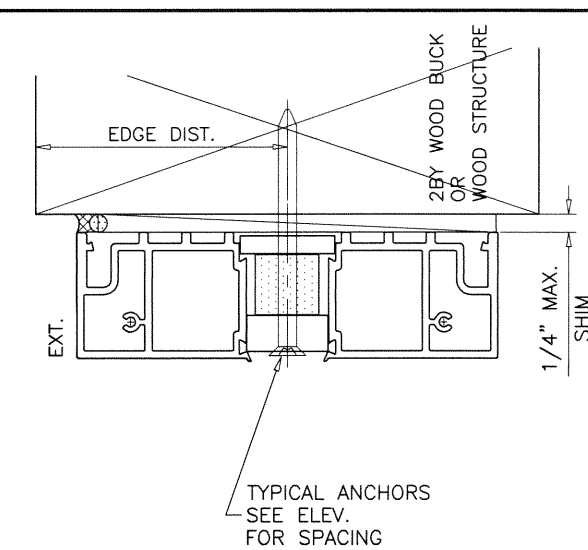
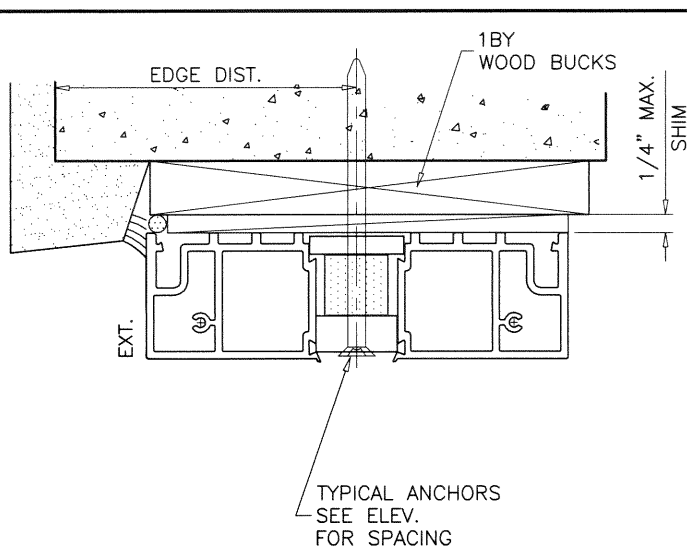
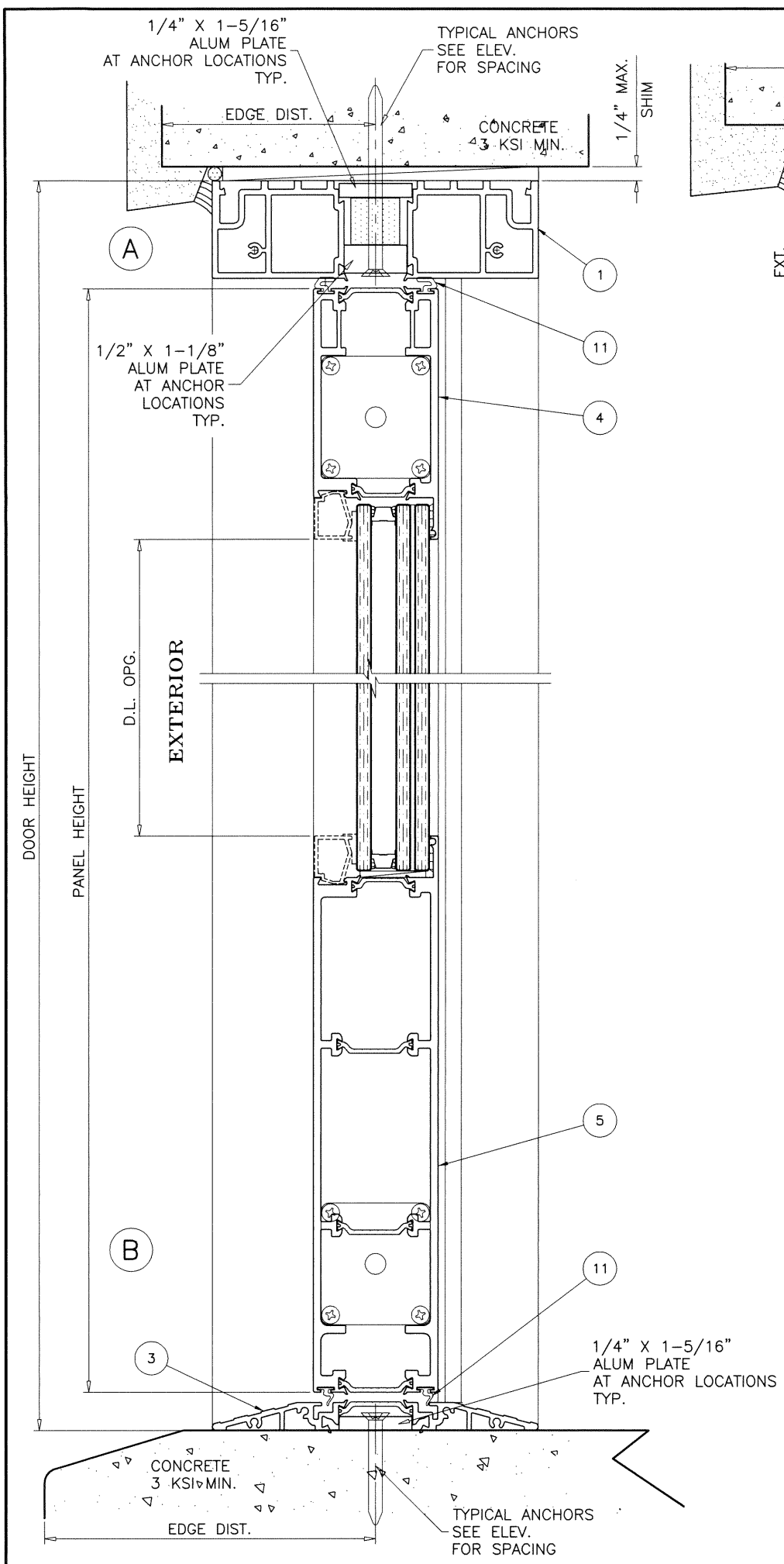
chk. by:

drawing no.

19-37F

sheet 1 of 8

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



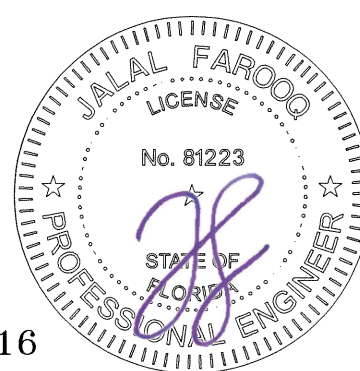
WOOD BUCKS AND METAL STRUCTURE NOT BY 'WESTERN WDW.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
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
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
 INTO F.B.C. APPROVED MULLIONS
 AND
 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)

CRITICAL EDGE DISTANCE
 INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" 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.

FLUSH FRAMES



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 COMP-ANL 19-37F-WWS

af c

Series 7980 Aluminum Pivot Door (L.M.I.)

Western Window Systems
 2200 E. Riverview Drive
 Phoenix, AZ. 85034
 Tel: (877) 268-1300 Fax: (876)

revisions:	
no	date by description

date: 05-03-19

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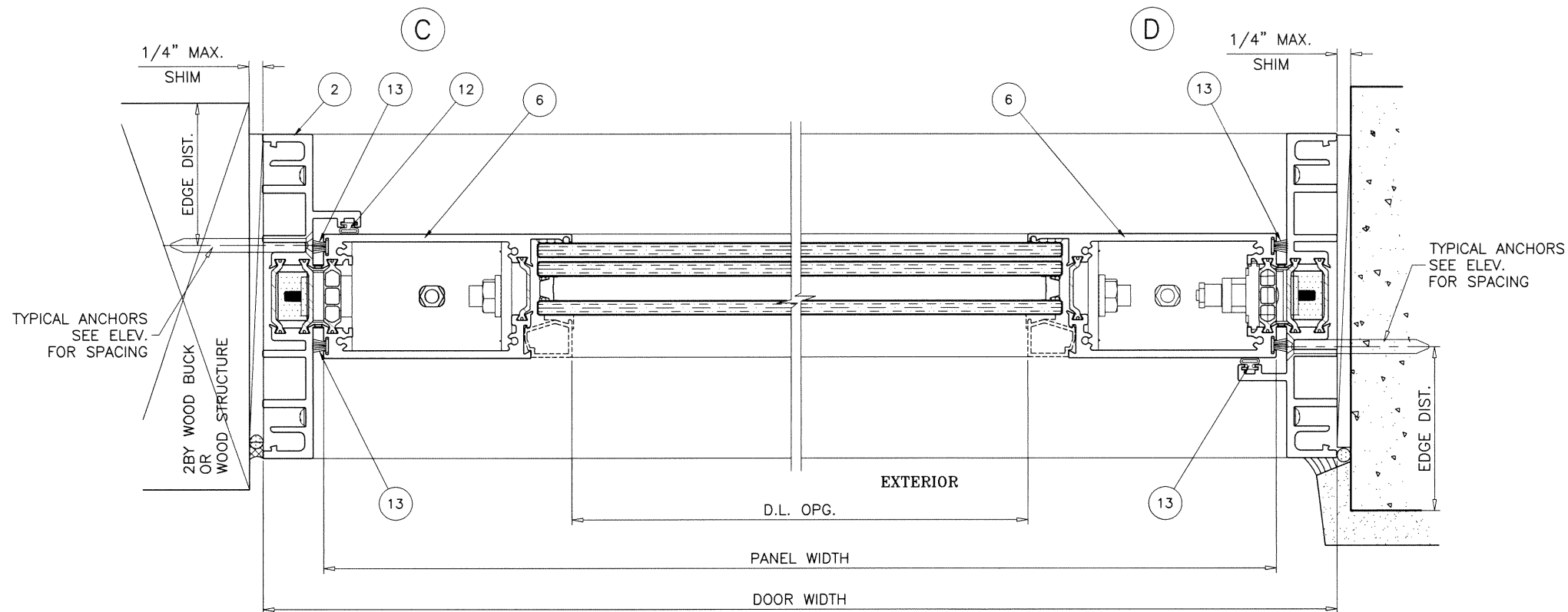
dr. by: TARIQ

chk. by:

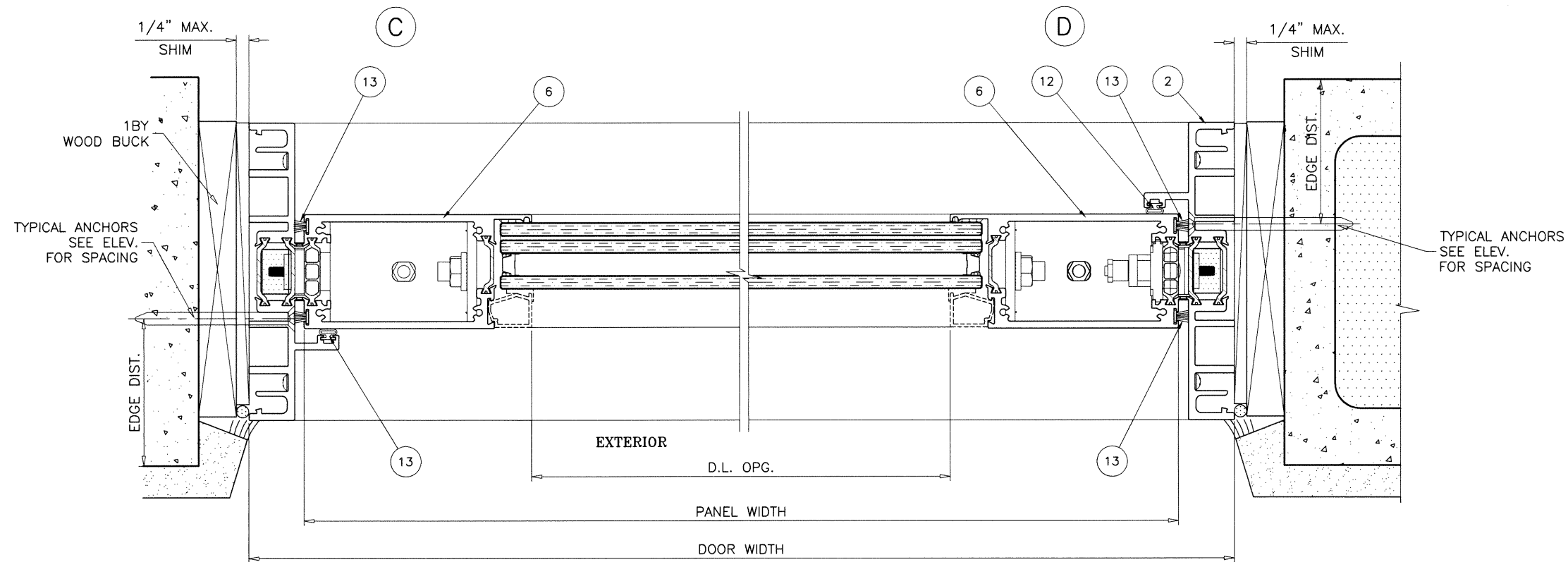
drawing no.

19-37F

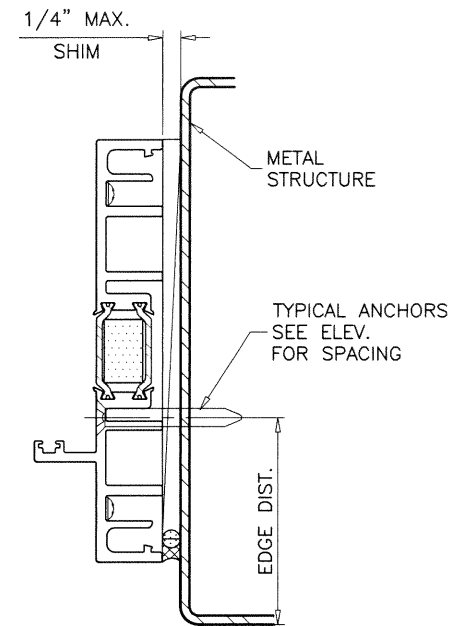
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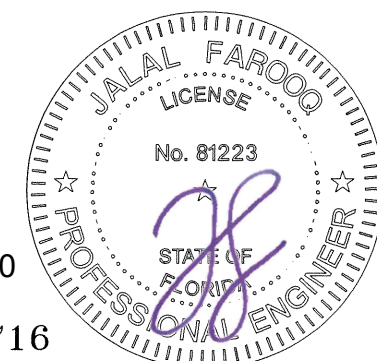
INSWING DOOR



OUTSWING DOOR



FLUSH FRAMES



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FL #29716

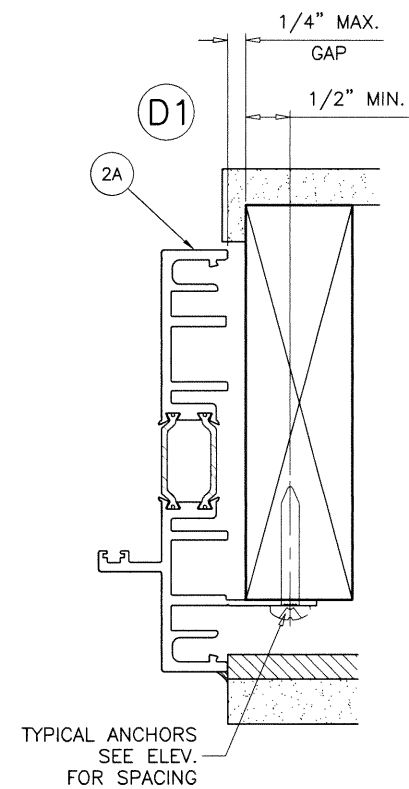
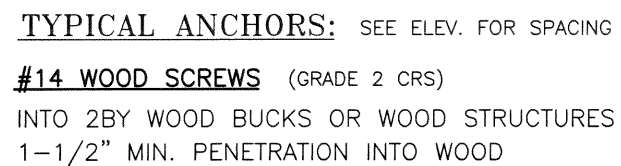
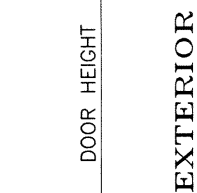
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173 FAX (305) 262-6978
TEL (305) 264-8100
COMP-ANL 19-37F-WWS

Series 7980 Aluminum Pivot Door (L.M.I.)

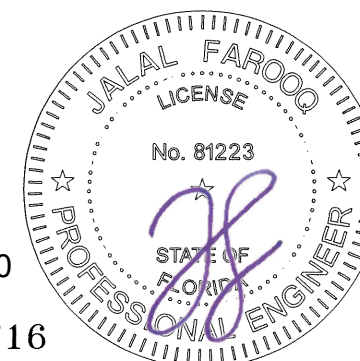
Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)



revisions:		no date by description	
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dr. by:	TARIQ	chk. by:	
drawing no.	19-37F		
sheet	3 of 8		



FIN FRAMES



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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

Series 7980 Aluminum Pivot Door (L.M.I.)

Western Window Systems



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Phoenix, AZ. 85034

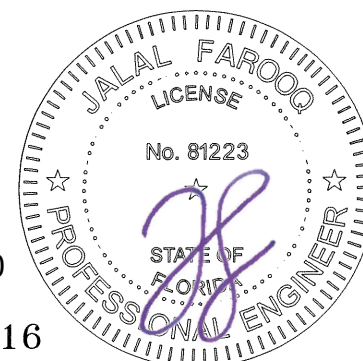
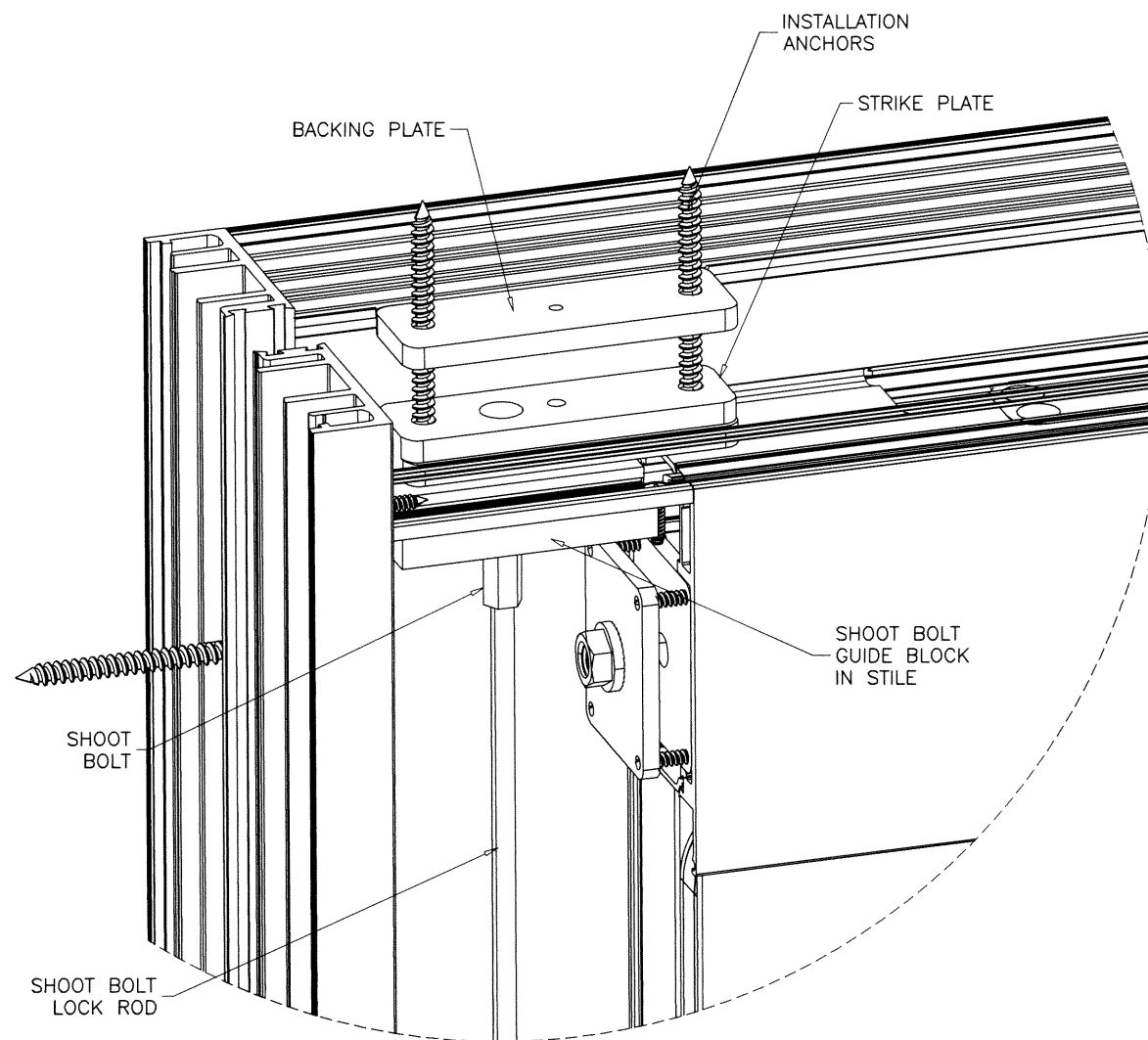
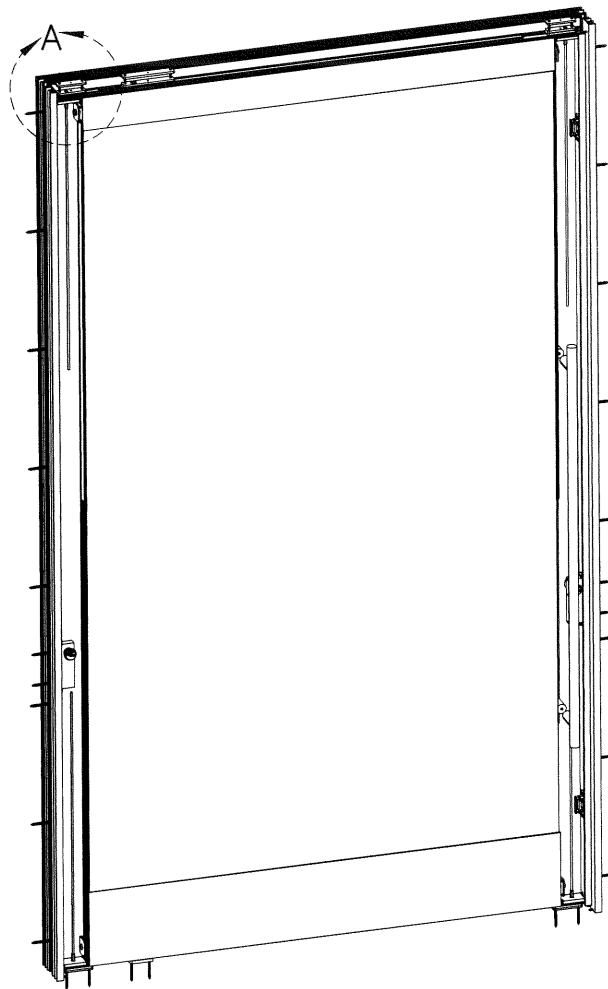
Fax: (876)

COMP-ANI\19-37E-WWS

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dr. by: TARIQ			
chk. by:			

drawing no. 19-37F

sheet 4 of 8



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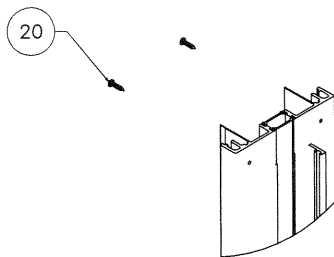
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Series 7980 Aluminum Pivot Door (L.M.I.)

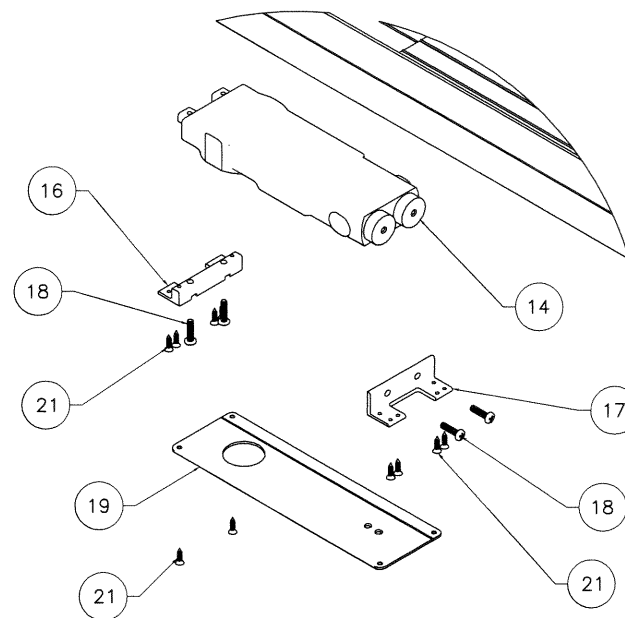
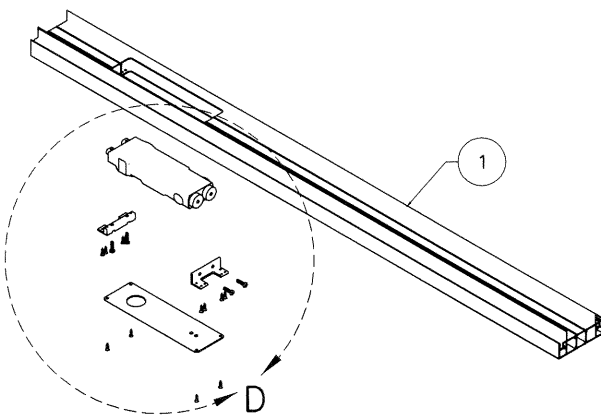
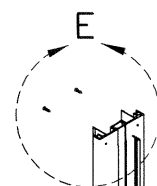
Western Window Systems
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Phoenix, AZ. 85034
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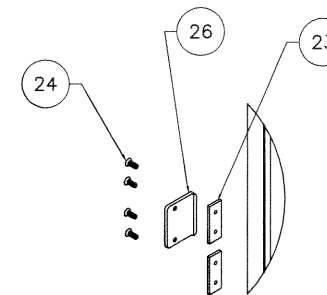
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sheet 5 of 8				



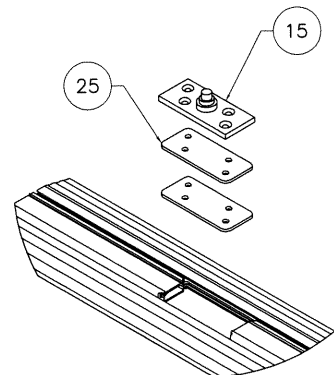
DETAIL 'E'
(2 LOCATIONS)



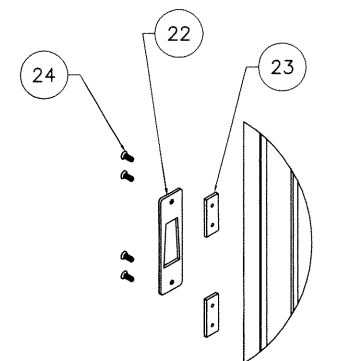
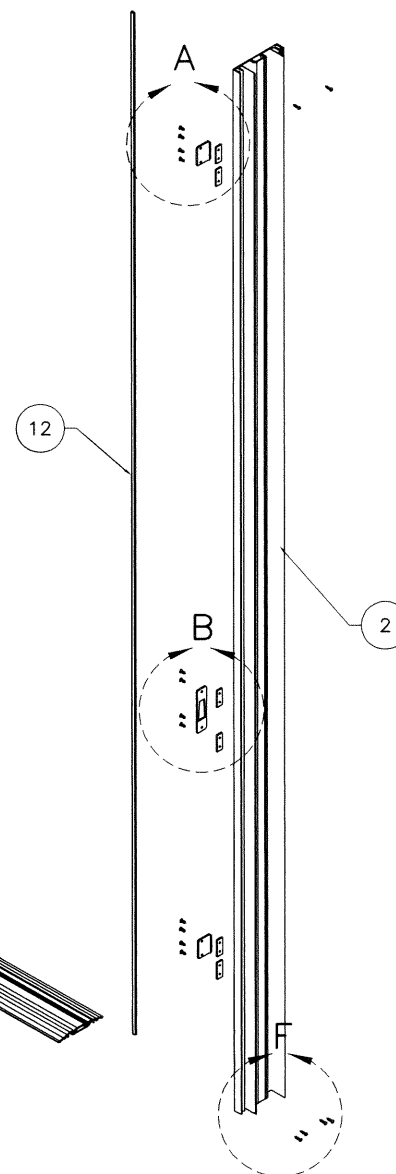
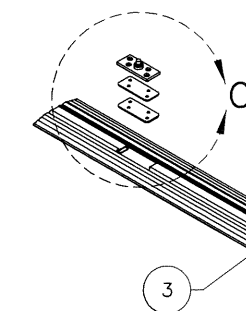
DETAIL 'D'



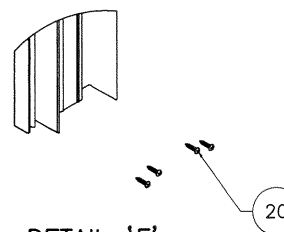
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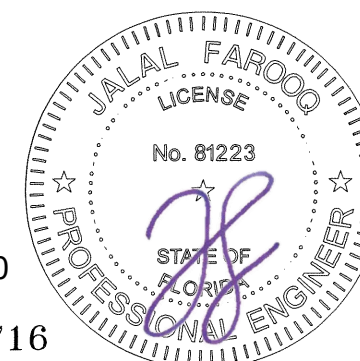
DETAIL 'C'



DETAIL 'B'



DETAIL 'F'
(2 LOCATIONS)



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Series 7980 Aluminum Pivot Door (L.M.I.)

Western Window Systems

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Phoenix, AZ. 85034

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scale: -

dr. by: TARIQ

chk. by:

drawing no.

19-37F

sheet 6 of 8

COMP-ANL\19-37F-WWS

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	EX7980	AS REQD.	FLUSH FRAME HEAD	6063-T6	-
1A	EX7980	AS REQD.	FIN FRAME HEAD	6063-T6	-
2	EX7982	1	FLUSH FRAME JAMB	6063-T6	-
2A	EX7982	1	FIN FRAME JAMB	6063-T6	-
3	EX7981	AS REQD.	FRAME SILL	6063-T6	-
4	E7983	1	PANEL TOP RAIL	6063-T6	-
5	E7910	1	PANEL BOTTOM RAIL	6063-T6	-
6	E7984	AS REQD.	PANEL JAMB STILE	6063-T6	-
7	E7629	AS REQD.	GLASS STOP (DECORATIVE)	6063-T6	OPTIONAL
8	W12512	AS REQD.	GALZING GASKET (EXTERIOR)	EPDM	OPTIONAL, SEE SHEET 3 FOR LIMITATIONS
9	W7600	AS REQD.	3mm CHORD STOCK (INTERIOR)	EPDM	-
10	H2212	2/ LITE	SETTING BLOCK, AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
11	-	AS REQD.	LEAF W'STRIPPING	-	-
12	W1310	AS REQD.	BULB W'STRIPPING	-	-
13	W3623	AS REQD.	PANEL W'STRIPPING (POLYPILE WITH CENTER FIN)	-	-
14	H624	1	CONCEALED OVERHEAD CLOSURE	-	-
15	H691	1	Inswing Pivot SET, BOTTOM PIN	-	-
16	H7658	1	TOP FRAME CONCEALED CLOSURE MOUNT	-	-
17	H7659	1	TOP FRAME CONCEALED CLOSURE MOUNT	-	-
18	F5120	4	1/4-20 X 1" P PH MACHINE SCREWS	ST. STEEL	-
19	H7981	1	CLOSURE FILLER PLATE	-	-
20	F5088SSS	12	#8 X 3/4" P PH SMS	ST. STEEL	-
21	F5085	12	#10 X 3/4" P PH SMS	ST. STEEL	-
22	H630.1S	1	TYPE C STRIKE	-	-
23	H7646	6	BACKING PLATE (#10-32)	-	-
24	F5006SSS	12	#10-32 X 1/2" P FH UNDERCUT SCREWS	ST. STEEL	-
25	H695	2	SILL Inswing Pivot SHIM	-	-
26	H615	2	ROLLER CATCH STRIKE	-	-
27	-	AS REQD.	TOP RAIL FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
28	-	AS REQD.	BOTTOM RAIL FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
29	-	AS REQD.	STILE FOAM (POLYSTYRENE EXPANDED)	-	CENTRAL PLASTICS
30	-	-	-	-	-

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER OF GLAZING BEAD TO FRAME SEALED WITH SILICONE SEALANT.

LOCKS:

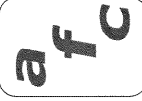
LOCK STILE & PIVOT STILE:

3 POINT LOCK ASSEMBLY BY 'INTERLOCK USA INC.'
AT 40" FROM BOTTOM
KEY OPERATOR ON EXTERIOR AND THUMB TURN ON INTARIOR
(1) LOCKING POINT ENGAGING AT FRAME JAMB
1/2" DIA. THROW BOLT (1) AT TOP ENGAGING FRAME HEAD
AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONCEALED
VERTICAL RODS
FASTENED TO ACTIVE LEAF LOCK STILE WITH
(2) 10-24 X 1-7/8" FH MACHINE SCREWS



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(C.A.N. 3538)

Series 7980 Aluminum Pivot Door (L.M.I.)

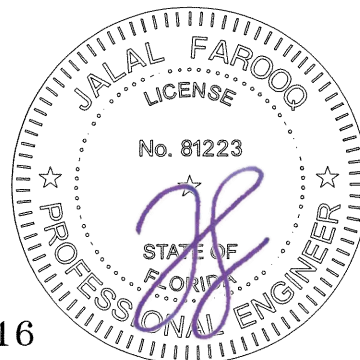
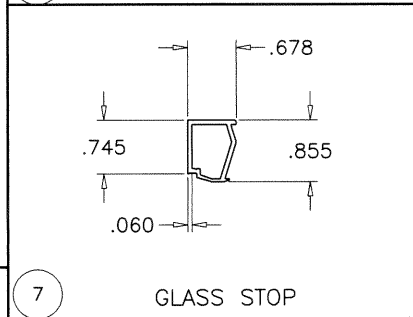
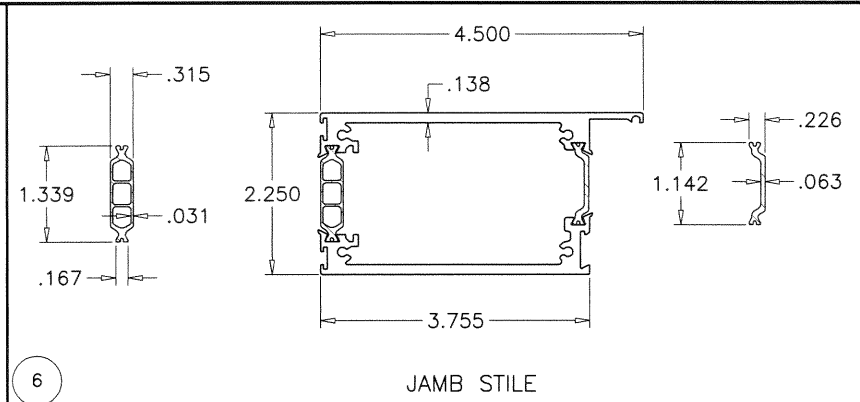
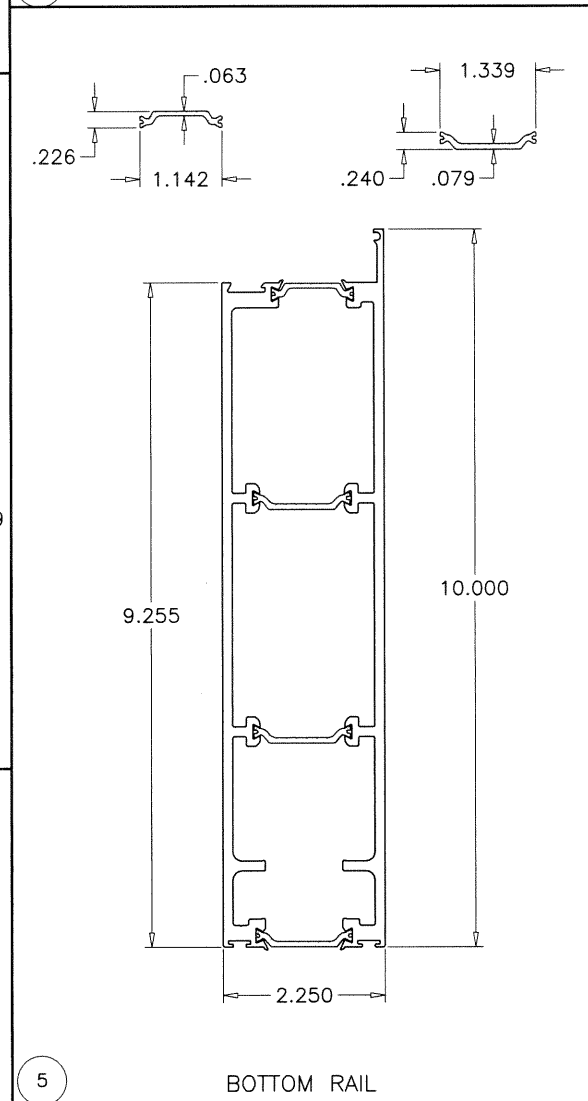
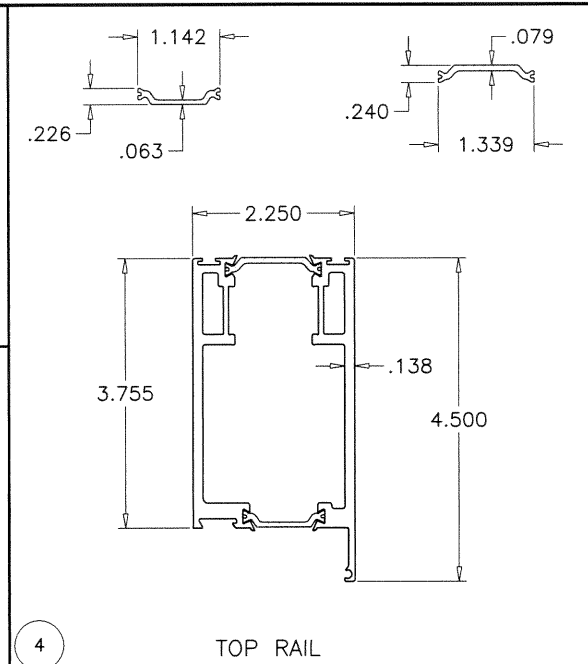
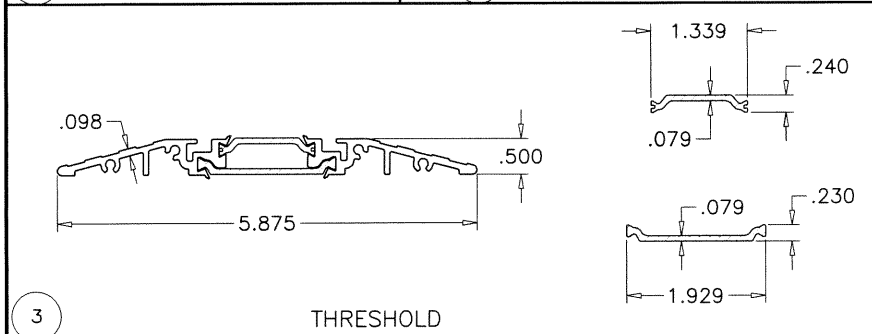
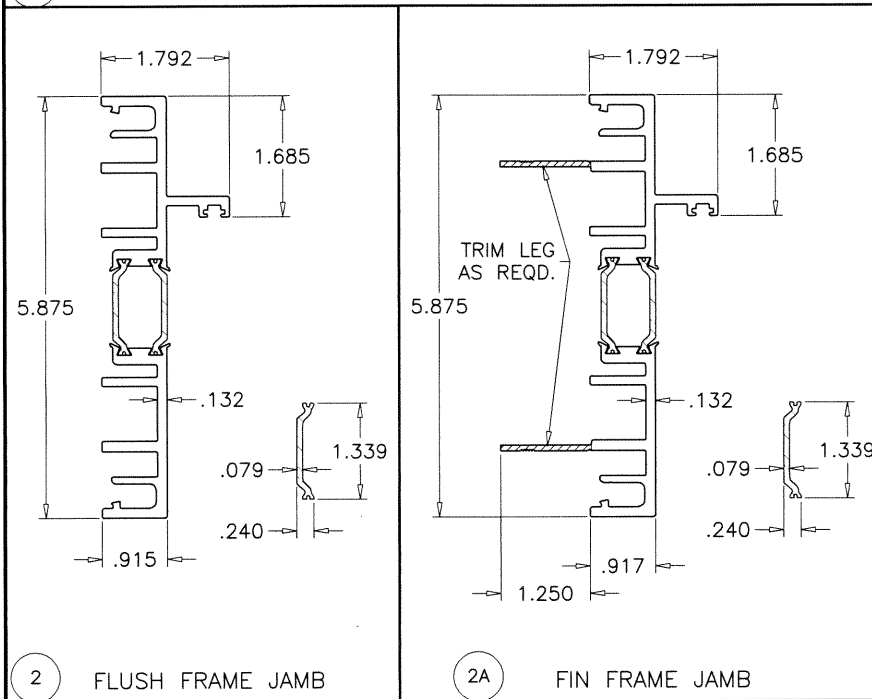
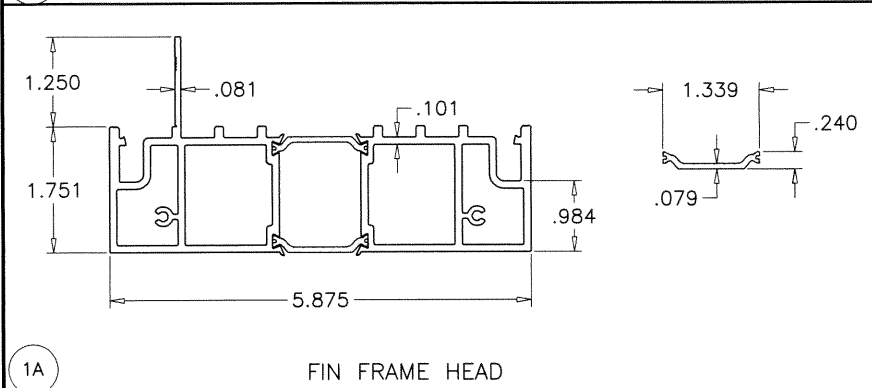
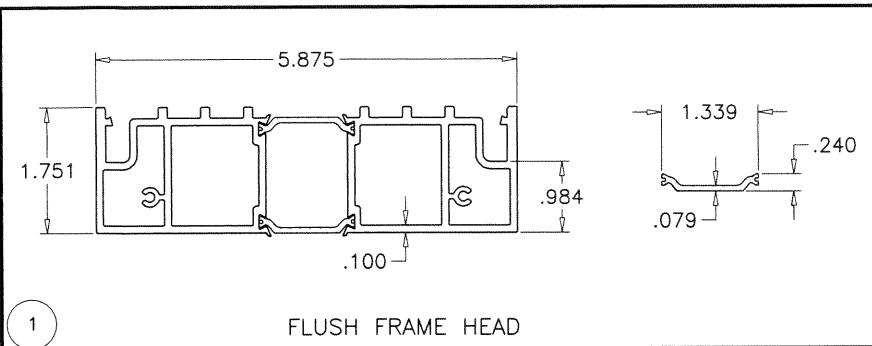
Western Window Systems
2200 E. Riverview Drive
Phoenix, AZ. 85034
Tel: (877) 268-1300 Fax: (876)



revisions:	
no	date
by	description

date: 05-03-19	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
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drawing no.
19-37F
sheet 7 of 8



Sealed: 10/2/2020

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19-37F

sheet **8** of **8**