

GLASS D.L.O. DIMS.

D.L.O. HEIGHT (DOOR & SIDELITE) = FRAME HEIGHT - 14.875"  
 D.L.O. WIDTH (X DOORS & O PANELS) = FRAME WIDTH - 11.875"  
 D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 20")/2  
 DOOR LEAF WIDTH (X DOORS) = FRAME WIDTH - 3.250"  
 DOOR LEAF WIDTH (XX DOORS) = (FRAME WIDTH - 2.750")/2

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

**SERIES-249 ALUMINUM FRENCH DOOR W/ SIDELITES**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES.  
 SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.  
 SEE SHEET 6 FOR DESIGN LOAD CAPACITIES.

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.

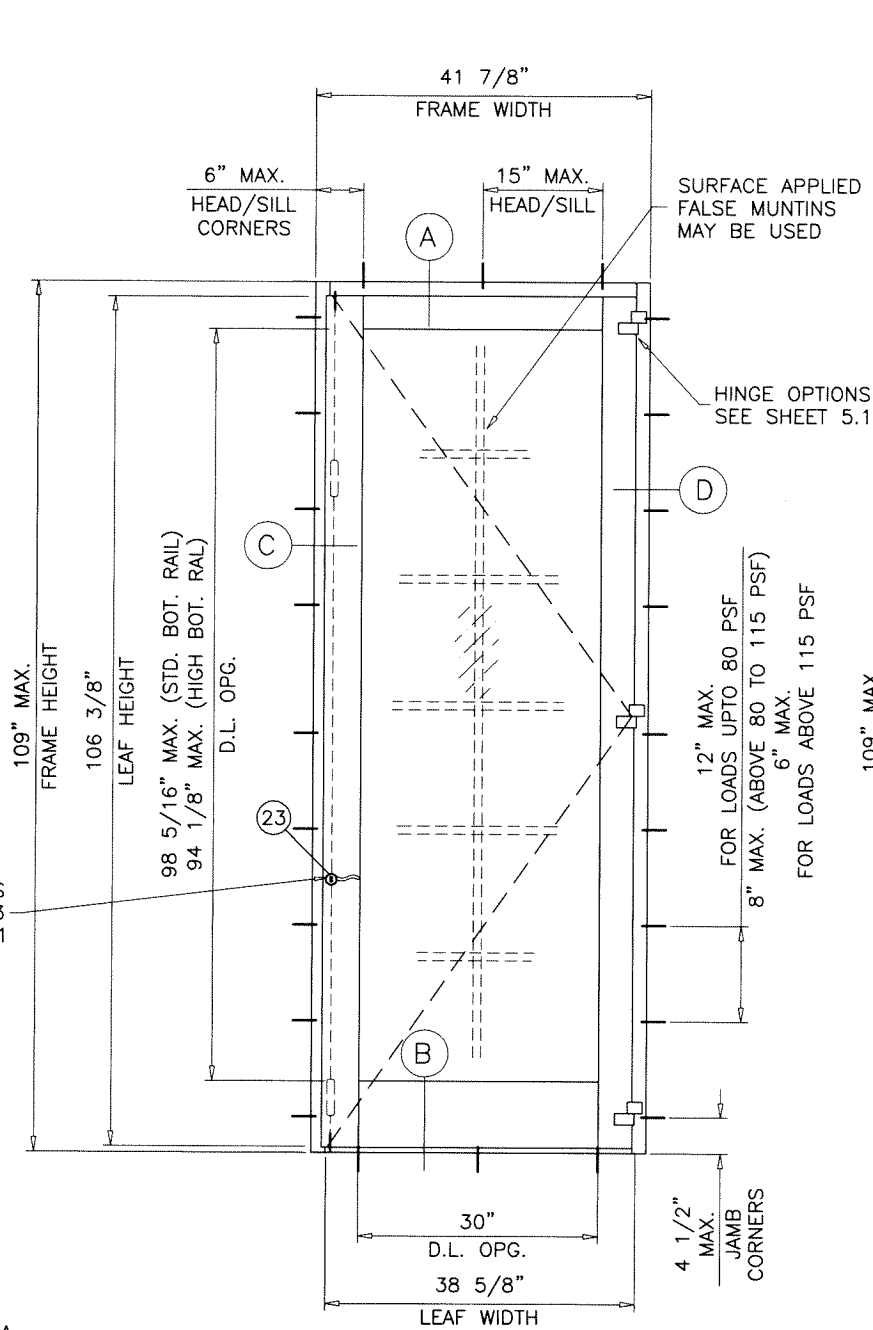
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.

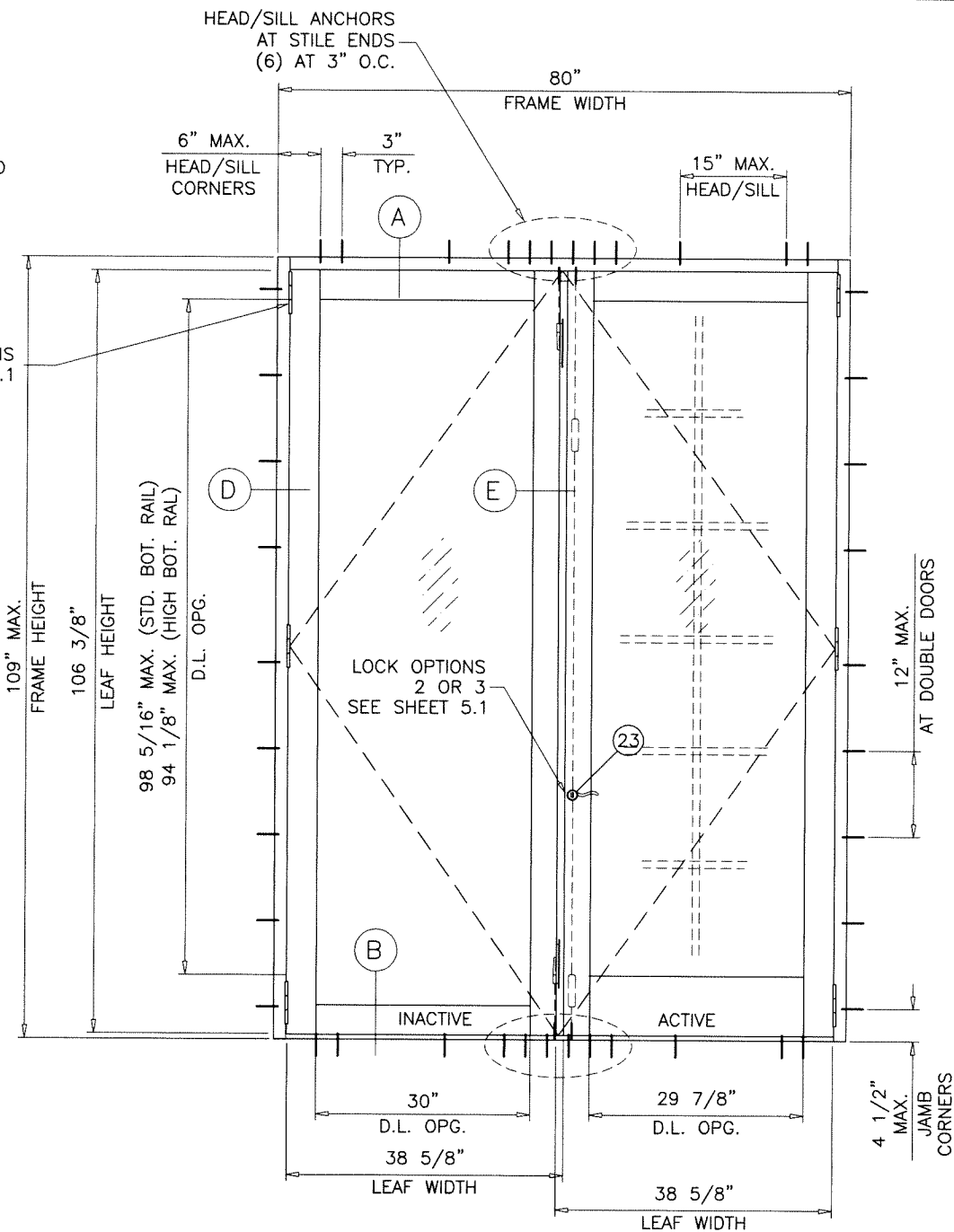
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.  
 CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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



**TYPICAL ELEVATION**  
 ( X )  
 SINGLE LEAF DOOR

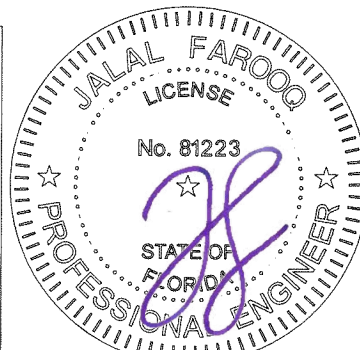


**TYPICAL ELEVATION**  
 ( XX )  
 DUAL LEAF DOOR

**DOOR OPTIONS**

- 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.

Sealed: 7/20/2023



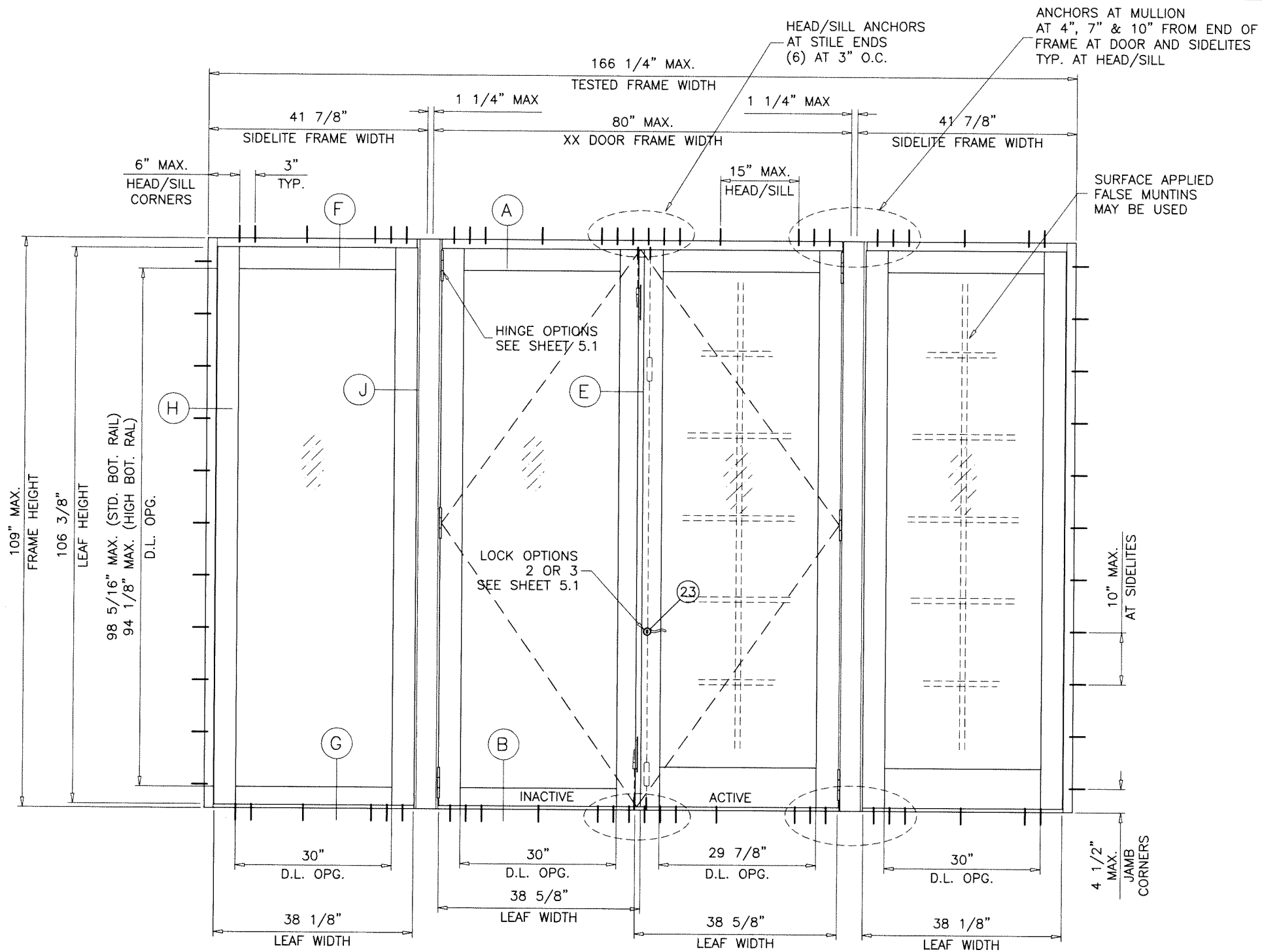
**af c**  
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W15-30TAW

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**Assura Windows & Doors, LLC.**  
 1543 N. Powerline Road  
 Pompano Beach, FL. 33069  
 Tel. (954) 781-4430 www.assurawindows.com

no	date	description
A	02.08.17	MANUF. NAME REV.
B	12.14.17	UPDATED TO 2017 FBC
C	09.23.20	UPDATED TO 2020 FBC
D	05.07.21	LOCK OPTION ADDED
E	07.05.23	UPDATED TO 2023 FBC

date: 06-29-15  
 scale: 1/2"=1'-0"  
 dr. by: TARIQ  
 chk. by:

drawing no.  
**W15-30**  
 sheet 1 of 16



**TYPICAL ELEVATION  
( OXXO )**

**WITH PANEL SIDELITES**

**SIDELITE OPTION WITH DOOR**

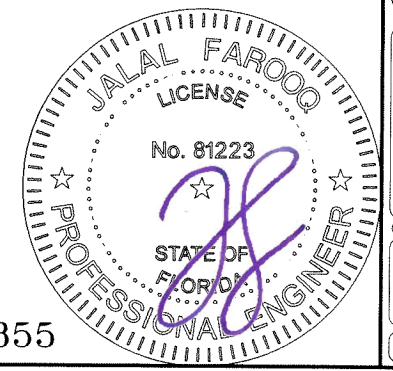
MAX. FRAME AREA NOT TO EXCEED 125.84 SQ. FT. PER FBC 2020

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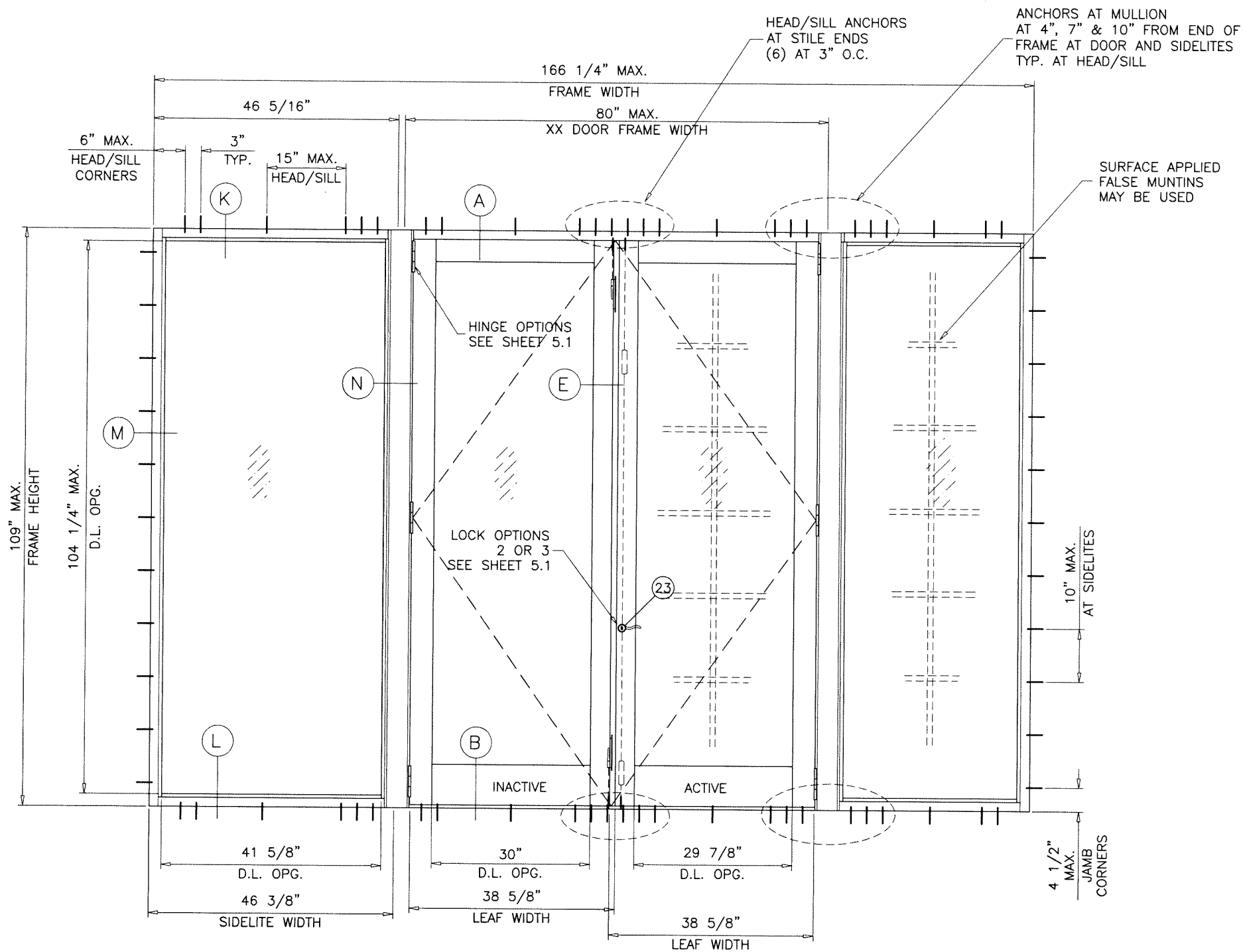
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FL #21855

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**W15-30**  
 sheet 2 of 16



TYPICAL ELEVATION  
( OX XO )

WITH DIRECT SET SIDELITES

SIDELITE OPTION WITH DOOR

MAX. FRAME AREA NOT TO EXCEED 125.84 SQ. FT. PER FBC 2020

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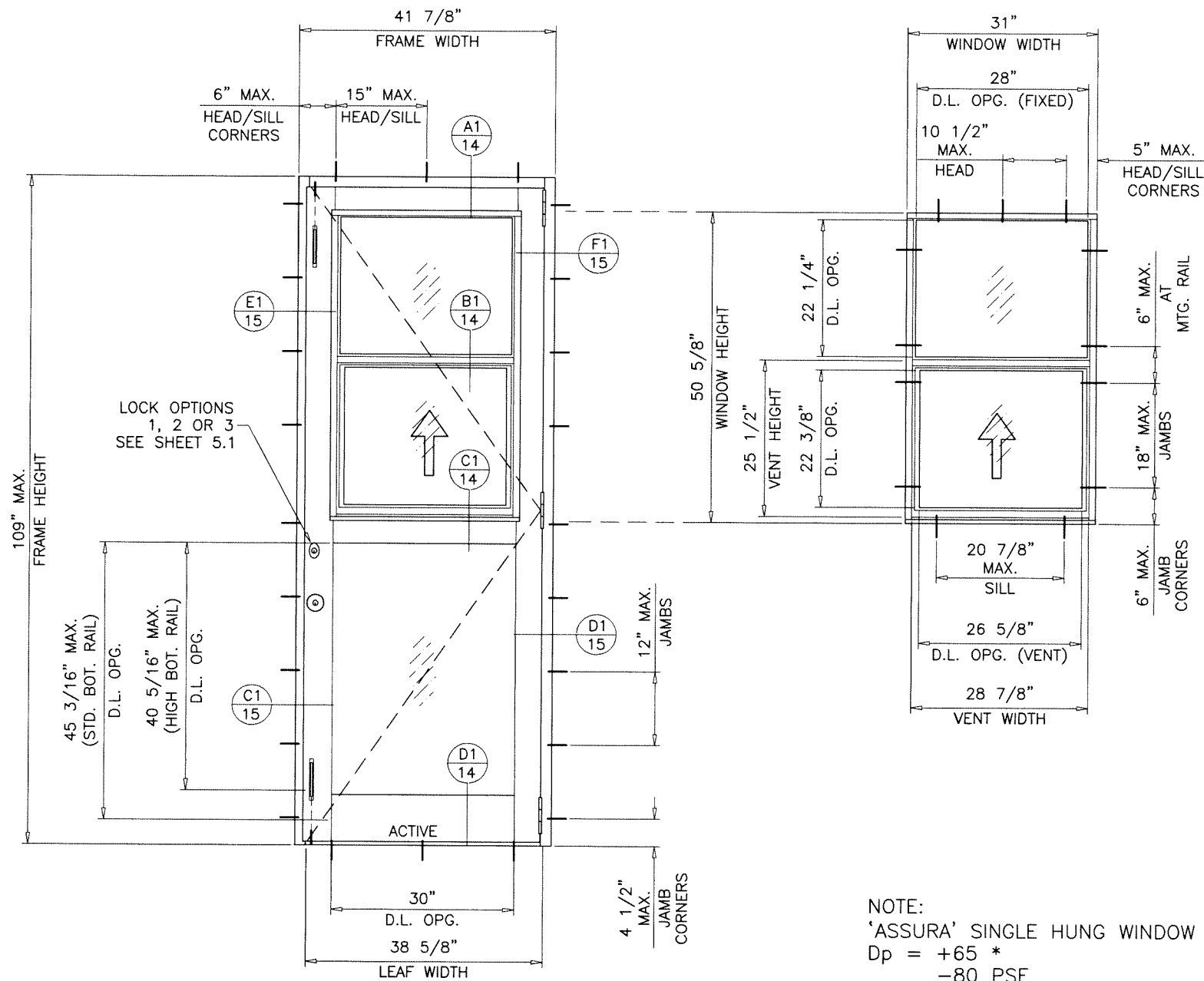
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**W15-30**  
 sheet 3 of 16



**TYPICAL ELEVATION**

( X )

FOR DESIGN LOAD CAPACITY SEE SHEET 5

**SINGLE LEAF DOOR WITH SINGLE HUNG WDW. INSERT**

**S.H. WINDOW INSERT OPTION**

**NOTE:**

'ASSURA' SINGLE HUNG WINDOW IS INTEGRAL PART OF THE SINGLE DOOR.

Dp = +65 \*

-80 PSF

\* EXT.(+) Dp WITH HIGH THRESHOLD, LIMITED TO +58 PSF WITH STD. THRESHOLD

**afc**

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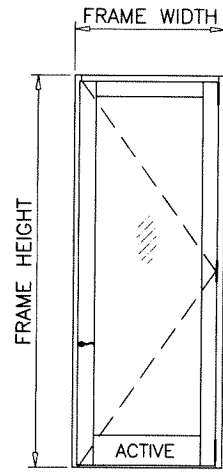
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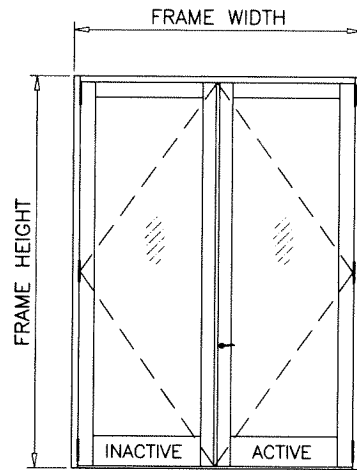
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FL #21855

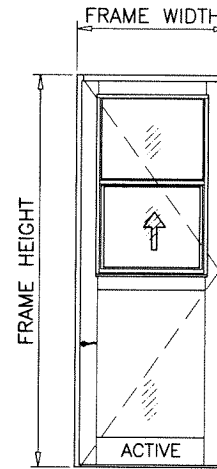




( X )



( XX )



SINGLE LEAF (X) DOORS WITHOUT SIDELITES					
DESIGN LOAD CAPACITY - PSF					
FRAME WIDTH INCHES	FRAME HEIGHT INCHES	LOCKS #1, #2 & #3		LOCK OPTION #1	
		GLASS TYPES 'A', 'A1', 'B' OR 'B1'		GLASS TYPES 'B' OR 'B1'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
42	109	80.0	80.0	100.0	141.0

EXT.(+) LOADS SHOWN ABOVE ARE WITH HIGH THRESHOLD  
FOR STD. THRESHOLD LIMIT EXT.(+) LOADS TO 58.0 PSF

DOUBLE LEAF (XX) DOORS WITHOUT SIDELITES					
DESIGN LOAD CAPACITY - PSF					
FRAME WIDTH INCHES	FRAME HEIGHT INCHES	LOCK OPTION #2 & #3			
		GLASS TYPES 'A', 'A1', 'B' OR 'B1'			
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
80	109	80.0	80.0		

EXT.(+) LOADS SHOWN ABOVE ARE WITH HIGH THRESHOLD  
FOR STD. THRESHOLD LIMIT EXT.(+) LOADS TO 58.0 PSF

SINGLE LEAF (X) DOORS WITH S.H. INSERT					
DESIGN LOAD CAPACITY - PSF					
FRAME WIDTH INCHES	FRAME HEIGHT INCHES	LOCK OPTIONS #1, #2 & #3			
		GLASS TYPES @ DOOR 'A', 'A1', 'B' OR 'B1'			
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
42	109	65.0	80.0		
GLASS TYPE 'F' @ S.H. WDW					

EXT.(+) LOADS SHOWN ABOVE ARE WITH HIGH THRESHOLD  
FOR STD. THRESHOLD LIMIT EXT.(+) LOADS TO 58.0 PSF

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

Sealed: 7/20/2023



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COMP-ANL\W15-30TMM

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**LOCKS:**

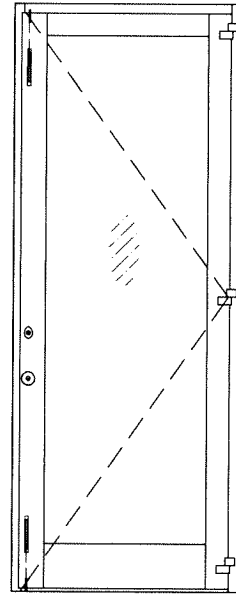
**OPTION #1**

**ACTIVE LEAF:**

STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT ACTIVE LEAF LOCK STILE, 48" FROM BOTTOM FASTENED WITH (2) 1/4-28 X 2-1/2" MS

CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT ACTIVE LEAF LOCK STILE, 39-1/2" FROM BOTTOM FASTENED WITH (2) #8 X 5/8" PH SCREWS AND (2) #8-32 X 1-1/2" OH MS

CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE, MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE LOCATED AT 11-1/2" AND 89-1/2" FROM BOTTOM FASTENED WITH (2) #8-32 X 1/2" FH MS



**OPTION #2**

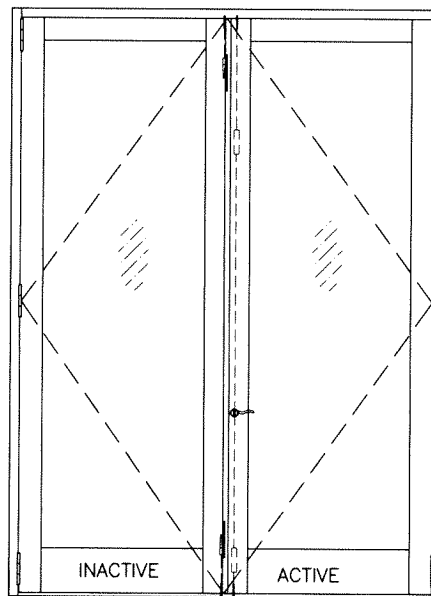
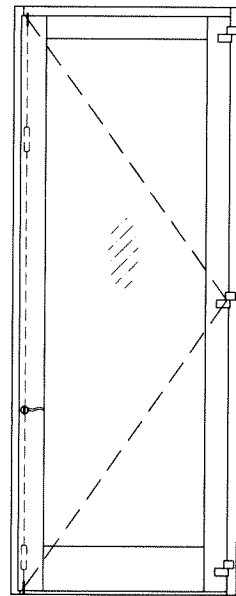
**ACTIVE LEAF:**

3 POINT LOCK SYSTEM WITH LEVER HANDLE LOCATED AT 40-1/2" FROM BOTTOM OF ACTIVE LEAF LOCK STILE HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS ENGAGING AT HEAD AND SILL FASTENED WITH (2) #12-28 X 2-1/4" OH MS

METALLIC STRIKE PLATE AT 40" FROM BOTTOM OF INACTIVE LEAF LOCK STILE FASTENED WITH (3) #10 X 1/2" FH SMS

**INACTIVE LEAF**

CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF INACTIVE LEAF LOCK STILE, MANUALLY OPERATED LEVERS MOUNTED AT INSIDE FACE OF LEAF STILE LOCATED AT 10-1/2" & 76-1/2" FROM BOTTOM FASTENED WITH (2) #8-32 X 1/2" FH MS



**OPTION #3**

**ACTIVE LEAF:**

SURFACE MOUNT DEAD BOLT LOCK AT 41-1/2" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR FASTENED TO LOCK STILE WITH (2) 12-28 X 2-1/4" OH MS (2) 10-24 X 1/2" FH MS

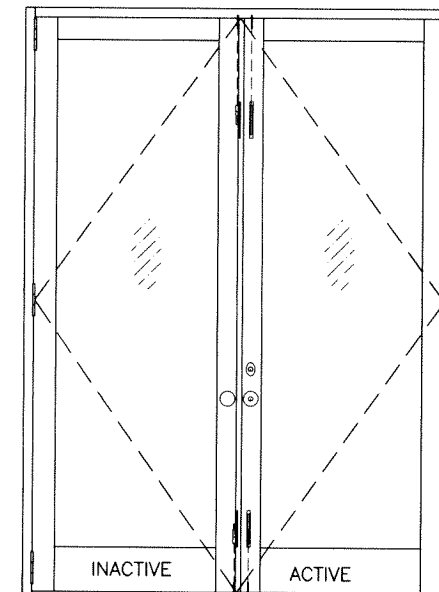
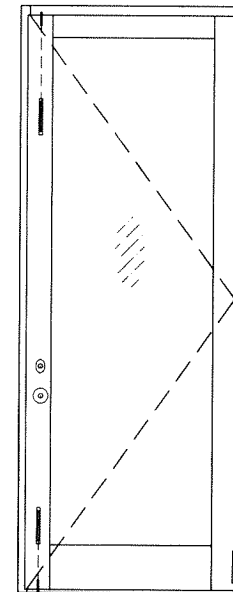
SURFACE MOUNT METALLIC HANDLE AT 36" FROM BOTTOM, FASTENED TO LOCK STILE WITH (2) 8-32 X 1-1/4" PH MS. AND (2) 8-24 X 1/2" FH MS

SURFACE MOUNT METALLIC STRIKE PLATES FACING LOCKS AT 35-1/4" AND 41-1/4" FROM BOTTOM FASTENED TO JAMB OR INACTIVE LOCK STILE WITH (2) 12-24 X 3/8" FH MS

CONCEALED FLUSH BOLTS WITH MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE, LOCATED AT 8-1/2" FROM BOTTOM & 15-1/2" FROM TOP FASTENED TO LOCK STILE WITH (2) 8-32 X 3/8" FH MS

**INACTIVE LEAF**

CONCEALED FLUSH BOLTS WITH MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT 8-1/2" FROM BOTTOM & 15-1/2" FROM TOP FASTENED TO LOCK STILE WITH (2) 8-32 X 3/8" FH MS



**HINGES:**

**OPTION #1**

7-5/8" LONG ALUM BUTT HINGES, AT 12" FROM EACH END AND ONE AT MIDSPAN OF LEAF.

**OPTION #2**

3-1/4" LONG ALUM PIVOT HINGES, AT 12" FROM EACH END AND ONE AT MIDSPAN OF LEAF. FASTENED TO FRAME WITH (2) 1/4-20 X 1-1/2" MS FASTENED TO PANEL WITH (2) 5/16-18 X 1-1/2" MS

**SEALANTS:**

FRAME CORNERS AND GLAZING BEAD TO PANEL SEALED WITH WHITE COLORED SEALANT. SEAMS BETWEEN MULLION AND JAMBS SEALED WITH SILICONE.

Sealed: 7/20/2023

FL #21855



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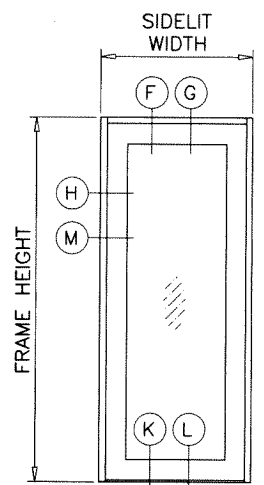
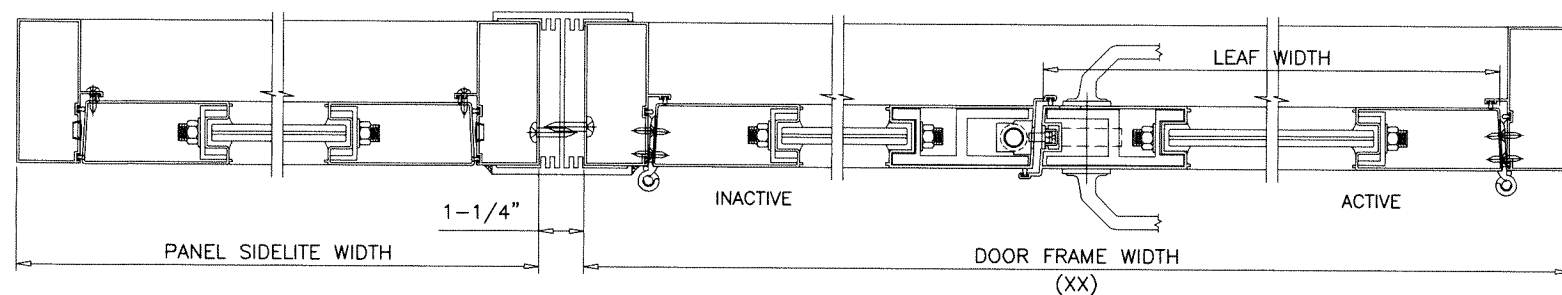
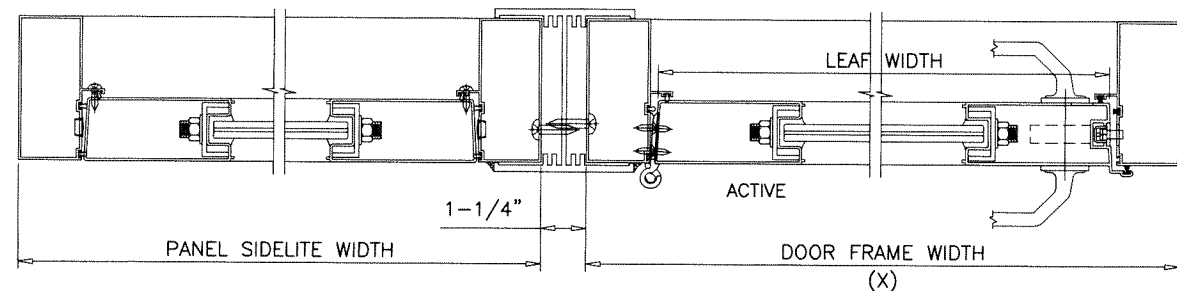
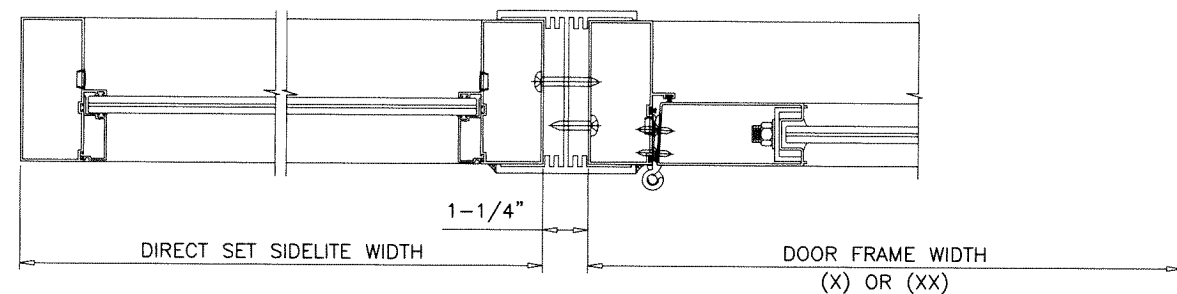
COMP-ANL W15-30TAW

STATIONARY PANEL (O) OR DOORS WITH SIDELITES				
DESIGN LOAD CAPACITY - PSF				
FRAME HEIGHT INCHES	DOOR WIDTH INCHES	PANEL/DIRECT SET SIDELITE WIDTH INCHES	GLASS TYPES 'A', 'A1', 'B' OR 'B1'	
			EXT. (+)	INT. (-)
81	41 7/8 (X) 80 (XX)	48	80.0	69.7
85	41 7/8 (X) 80 (XX)	48	80.0	69.7
91	41 7/8 (X) 80 (XX)	48	80.0	69.7
97	41 7/8 (X) 80 (XX)	42	80.0	79.6
103	41 7/8 (X) 80 (XX)	42	80.0	79.6
109	41 7/8 (X) 80 (XX)	41 7/8	80.0	80.0

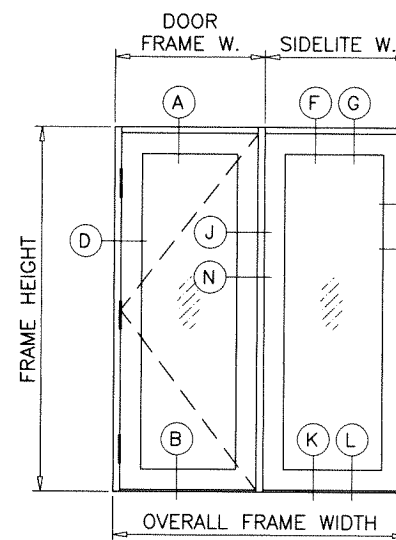
EXT.(+) LOADS SHOWN ABOVE ARE WITH HIGH THRESHOLD FOR STD. THRESHOLD LIMIT EXT.(+) LOADS TO 58.0 PSF

NOTE:  
FOR DOORS CAPACITIES SEE SHEET 5.  
FOR SIDELITE CAPACITIES SEE CHART ABOVE.  
LOWER VALUES FROM DOOR OR SIDELITE CHART  
WILL APPLY TO ENTIRE SYSTEM.

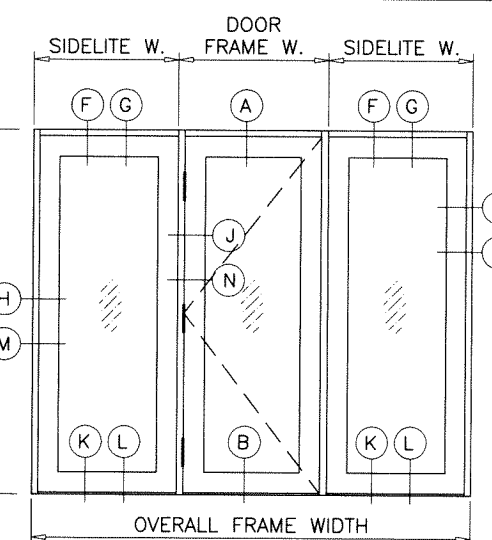
DIRECT SET SIDELITE WIDTH = PANEL SIDELITE WIDTH = SIDELITE FRAME WIDTH



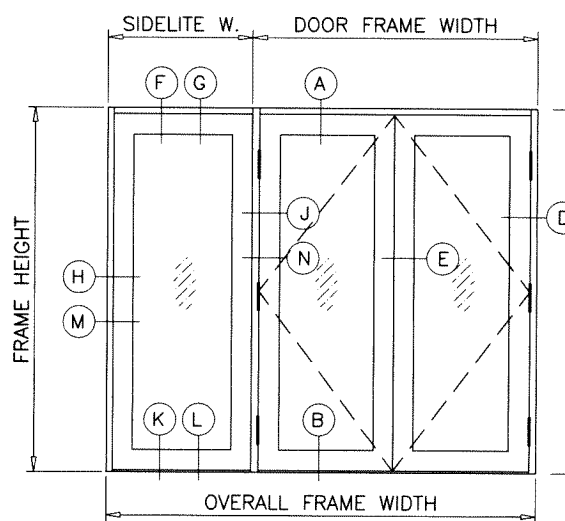
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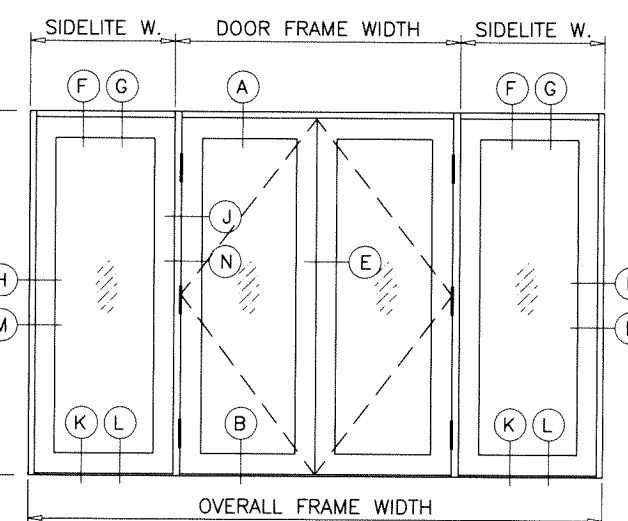
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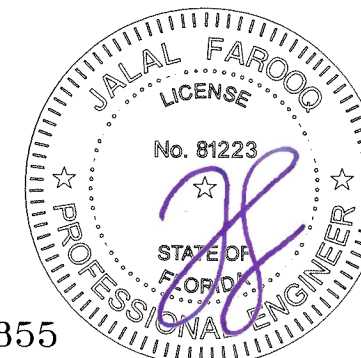


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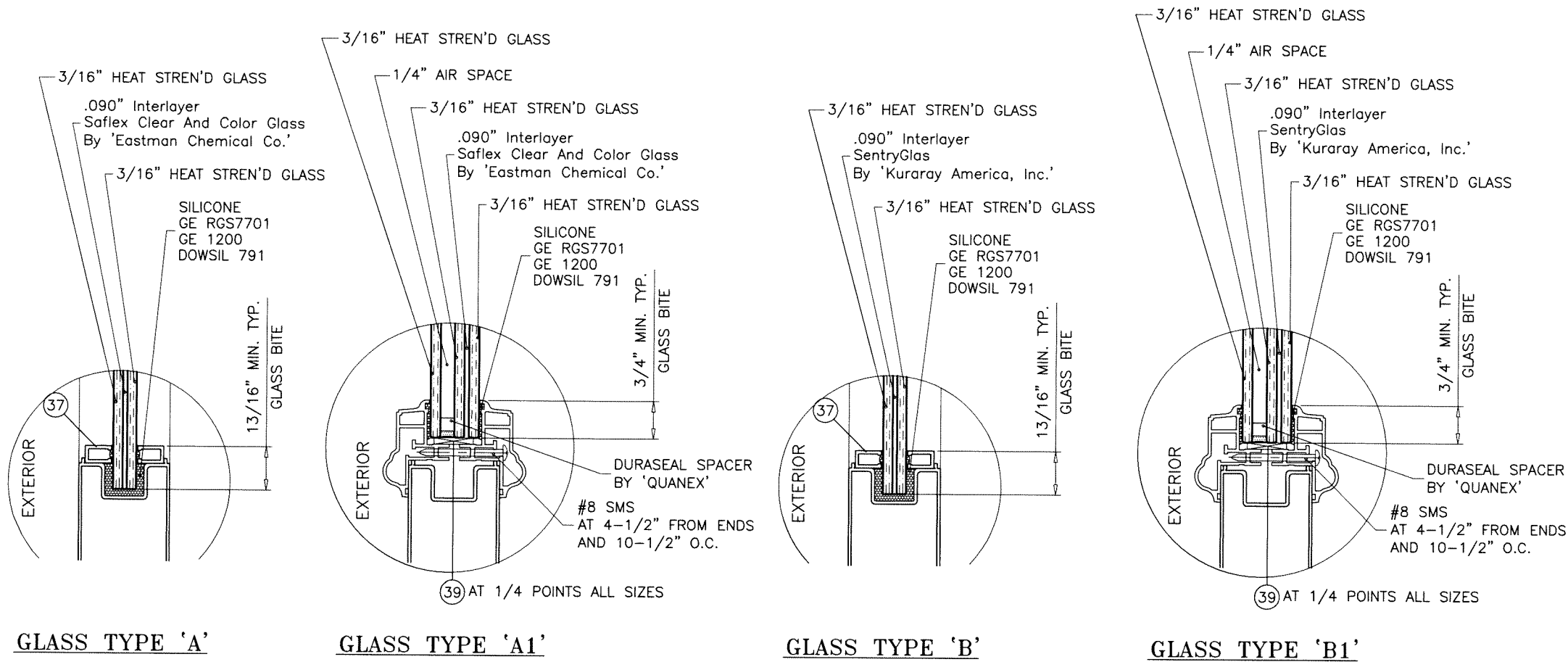
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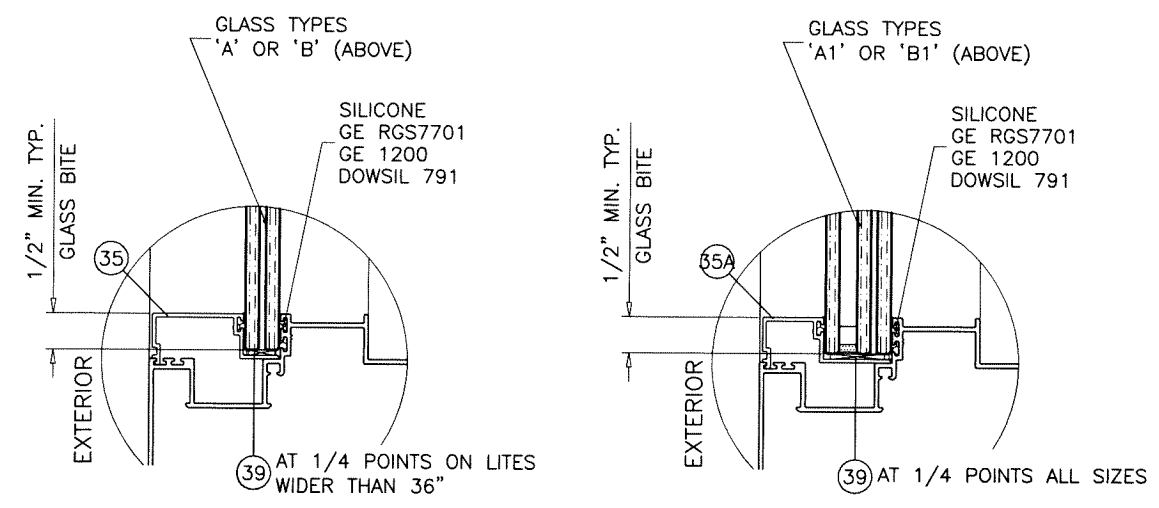
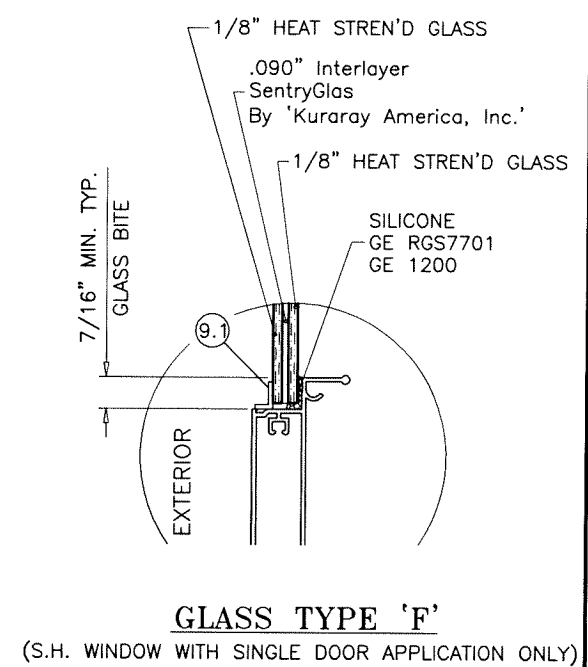
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sheet 6 of 16

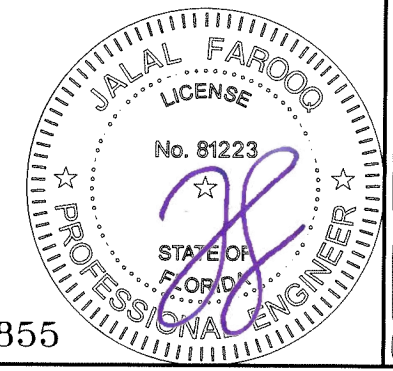


**GLAZING OPTIONS**



NOTE:  
TO QUALIFY FOR SMALL MISSILE IMPACT RATING  
EXTERIOR PLY OF GLASS TYPES 'A1' & 'B1' MUST BE TEMPERED.

Sealed: 7/20/2023



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MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W15-30TMM

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)

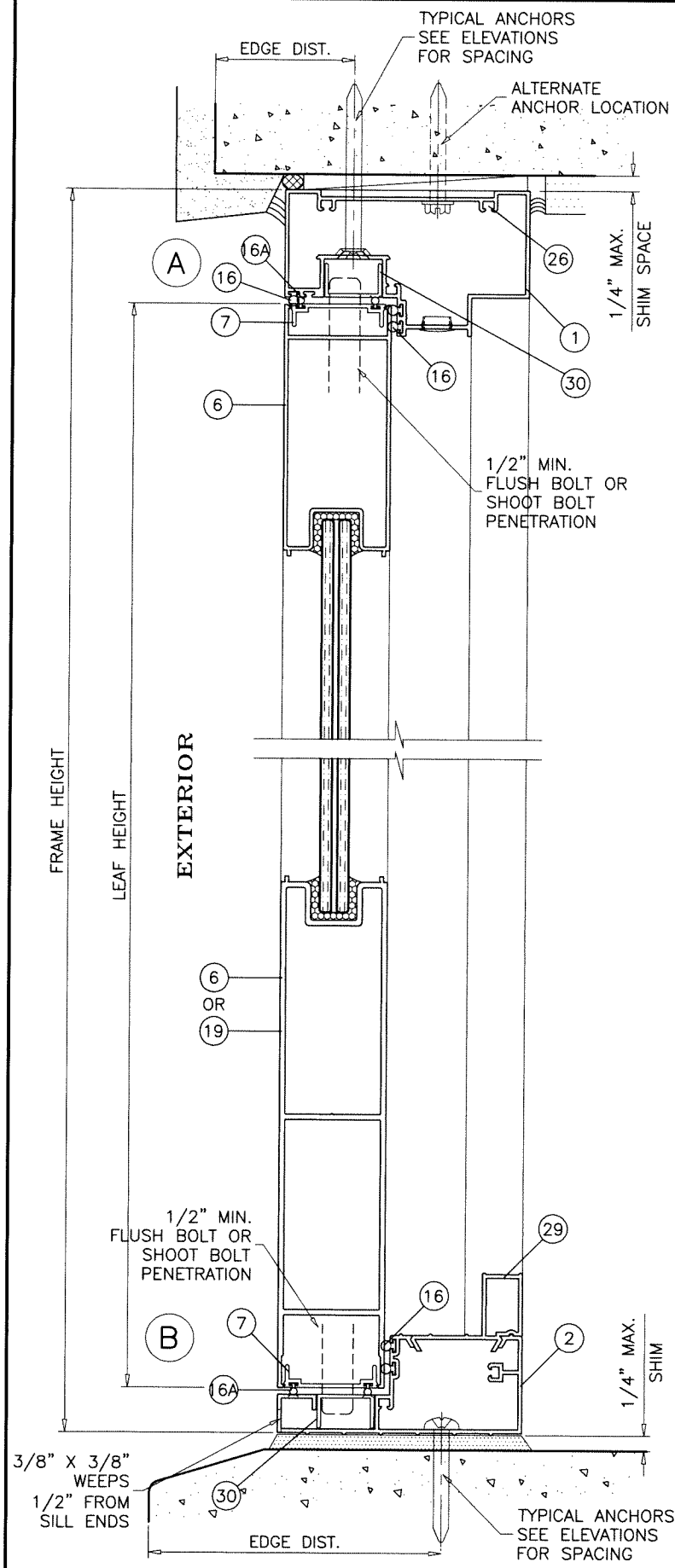
**Assura Windows & Doors, LLC.**  
1543 N. Powerline Road  
Pompano Beach, FL. 33069  
Tel. (954) 781-4430 www.assurawindows.com

revisions:	no	date	by	description

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chk. by:

drawing no.  
**W15-30**  
sheet 7 of 16

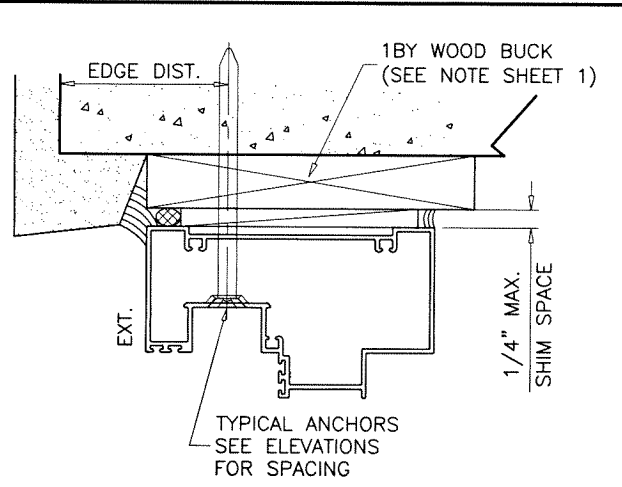




**HIGH THRESHOLD**

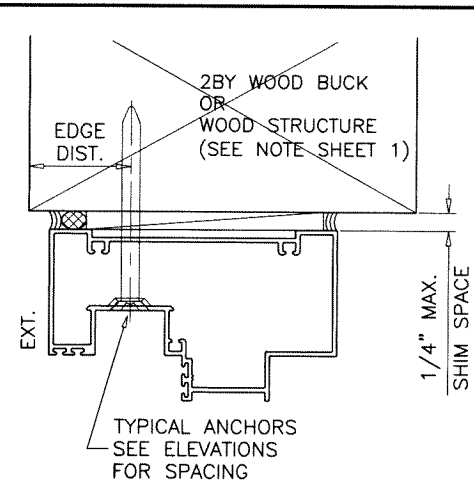
APPR'D FOR WATER RESISTANCE  
 LIMIT MAX. EXT(+) LOADS TO 100.0 PSF (SINGLE DOOR)  
 LIMIT MAX. EXT(+) LOADS TO 80.0 PSF (DOUBLE DOOR)

**OPERATING UNITS**



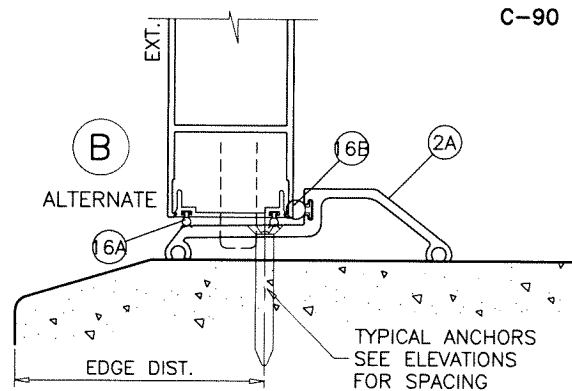
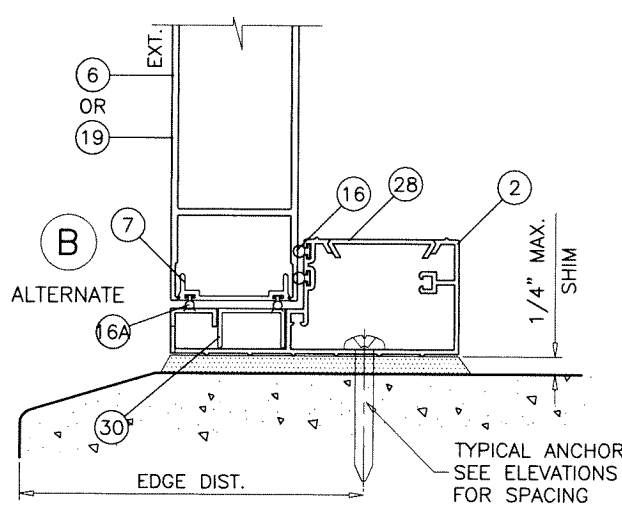
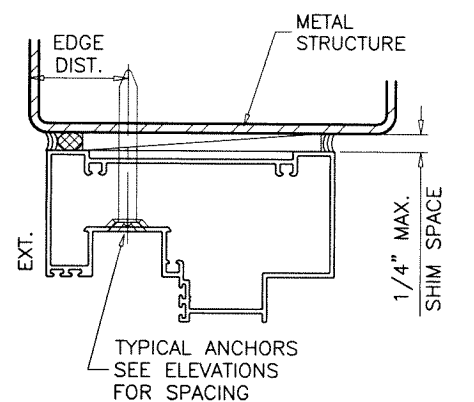
**STANDARD THRESHOLD**

APPR'D FOR WATER RESISTANCE  
 LIMIT MAX. EXT(+) LOADS TO 58.0 PSF



**LOW THRESHOLD**

NOT APPR'D FOR WATER RESISTANCE

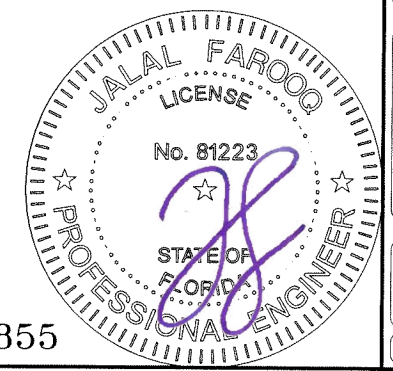


WOOD BUCKS AND METAL STRUCTURE NOT BY 'ASSURA WDWS.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- 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 1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL) 1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)
  - 1/4" DIA. TEKS OR SELF DRILLING SCREWS** (GRADE 5 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 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.

**OPERATING UNITS**



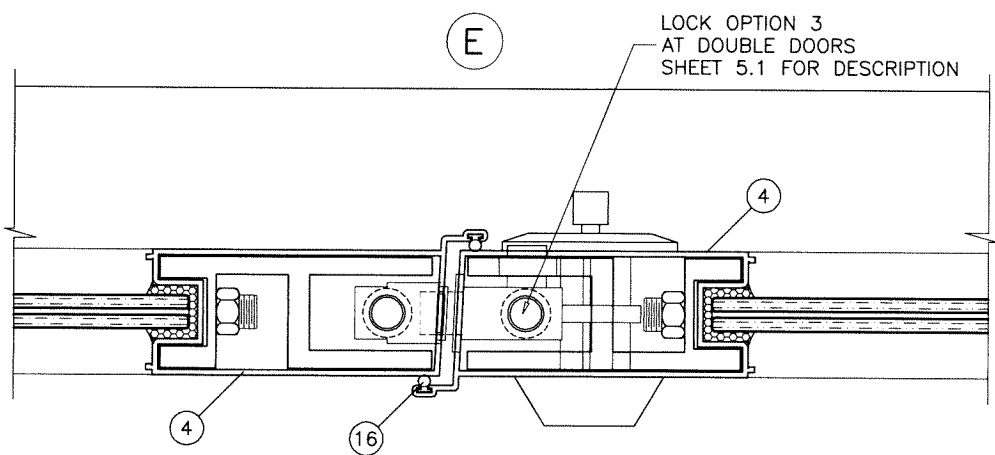
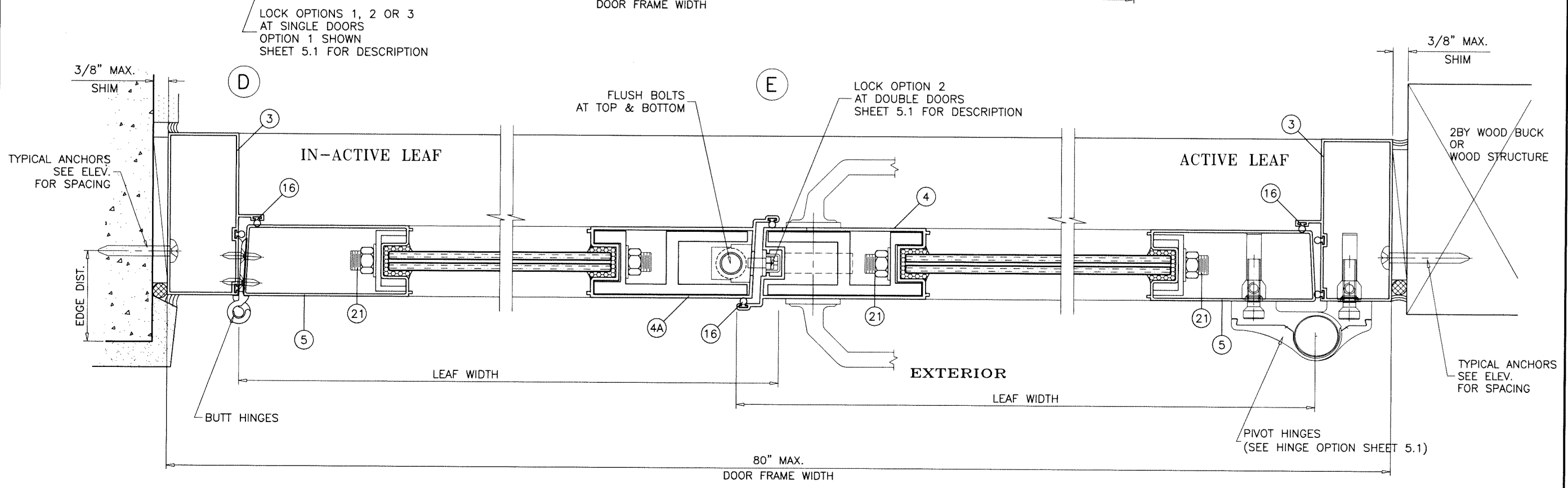
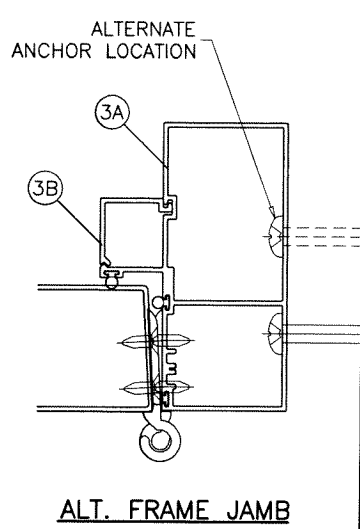
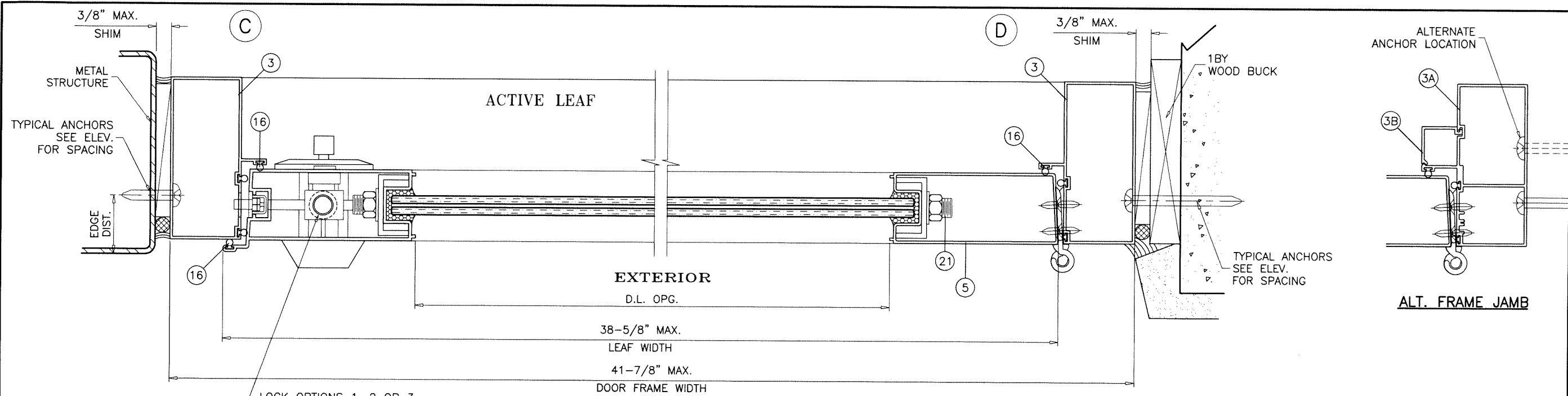
Sealed: 7/20/2023

FL #21855

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W15-30TMW

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**Assura Windows & Doors, LLC.**  
 1543 N. Powerline Road  
 Pompano Beach, FL. 33069  
 Tel. (954) 781-4430 www.assurawindows.com

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date:	06-29-15	scale:	3/8" = 1"
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drawing no.	W15-30		
sheet	8 of 16		



**af c**  
**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\W15-30TAW

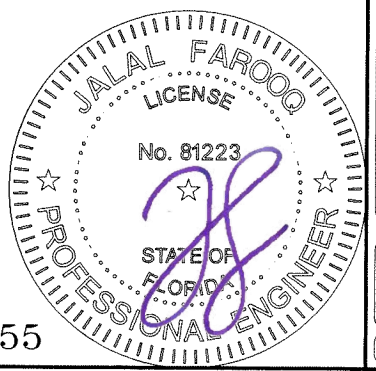
SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
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 chk. by:

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**W15-30**  
 sheet 9 of 16

**OPERATING UNITS**

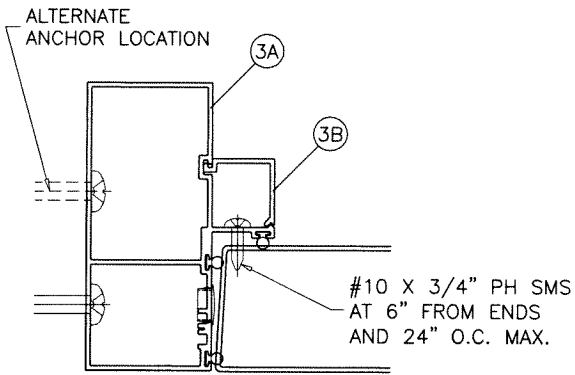


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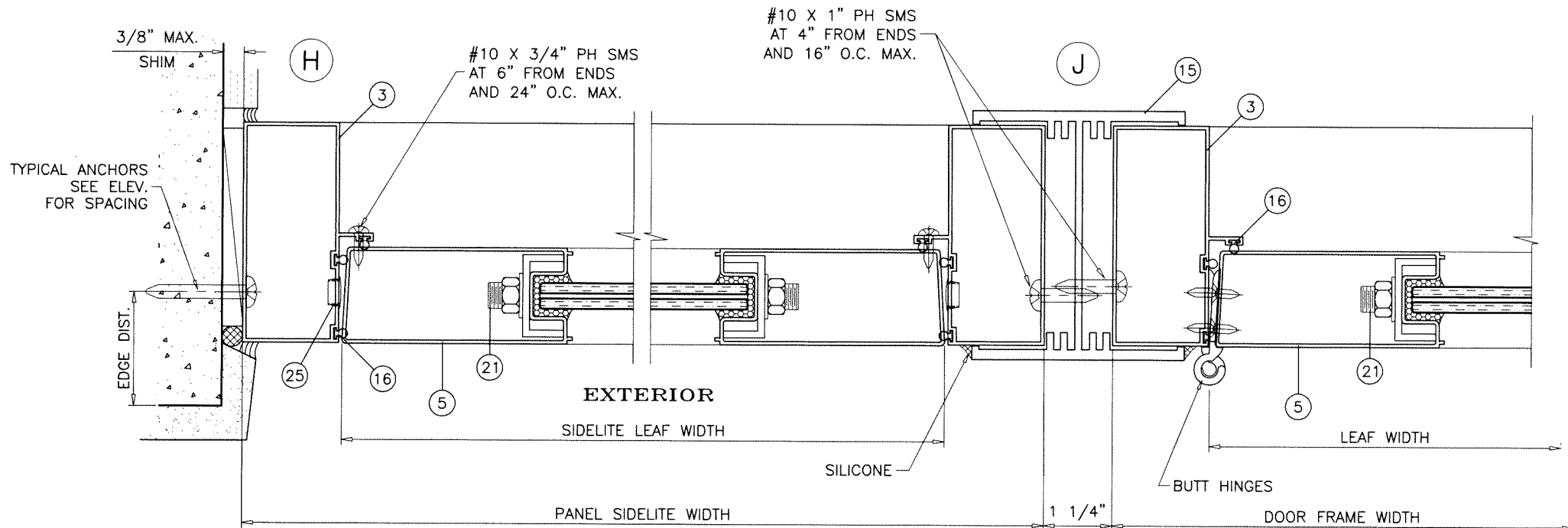
FL #21855

**PANEL SIDELITE INSTALLATION DETAILS**

SIDELITES CAN BE INSTALLED IN ALL SUBSTRATES SHOWN ON SHEETS 8 & 9.



**ALT. FRAME JAMB**



EXTERIOR SIDELITE LEAF WIDTH

LEAF WIDTH

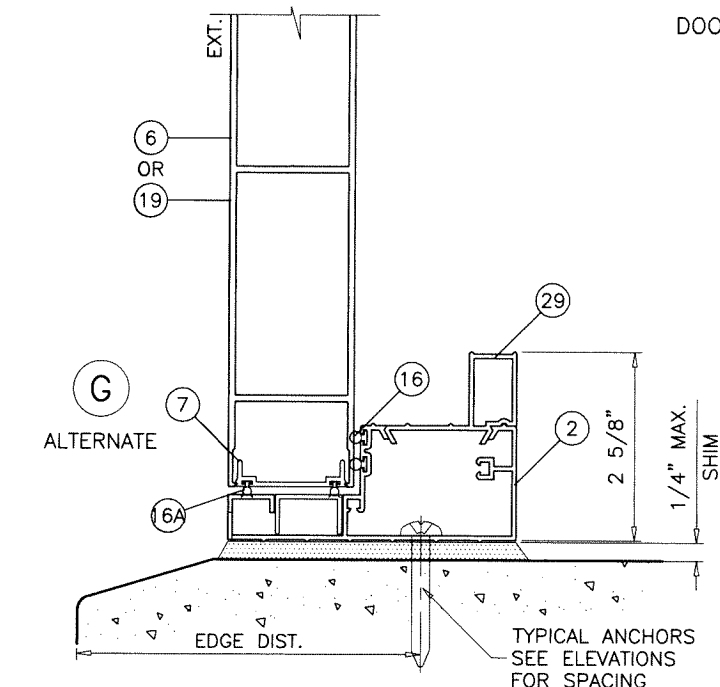
PANEL SIDELITE WIDTH

1 1/4"

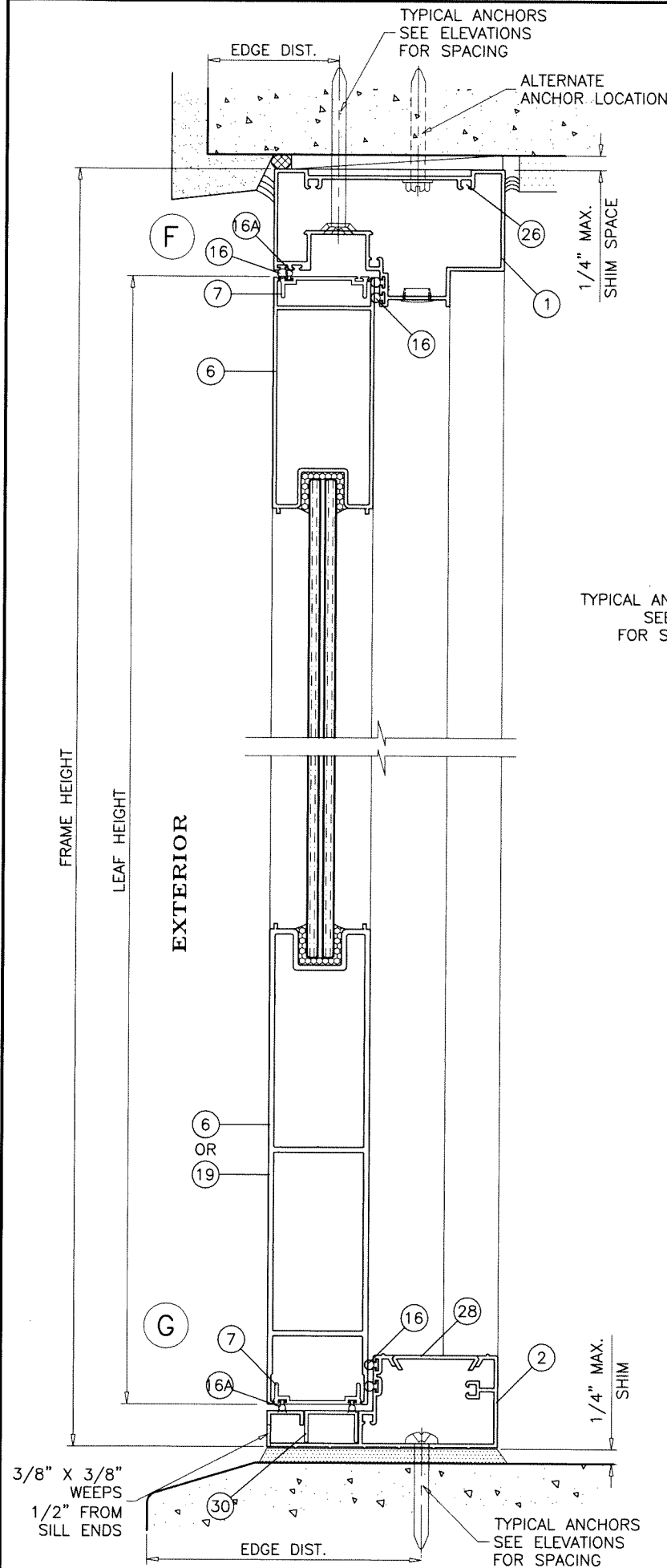
DOOR FRAME WIDTH

BUTT HINGES

DOOR LEAF WIDTH = SIDELITE FRAME WIDTH - 3.250"

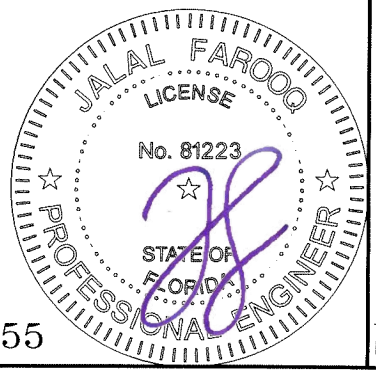


**PANEL SIDELITE UNIT (HIGH THRESHOLD)**



**PANEL SIDELITE UNIT (STD. THRESHOLD)**

**PANEL SIDELITE UNITS**



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FL #21855

**af c**  
**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  
 COMP-ANL\W15-30TMW

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**Assura Windows & Doors, LLC.**  
 1543 N. Powerline Road  
 Pompano Beach, FL. 33069  
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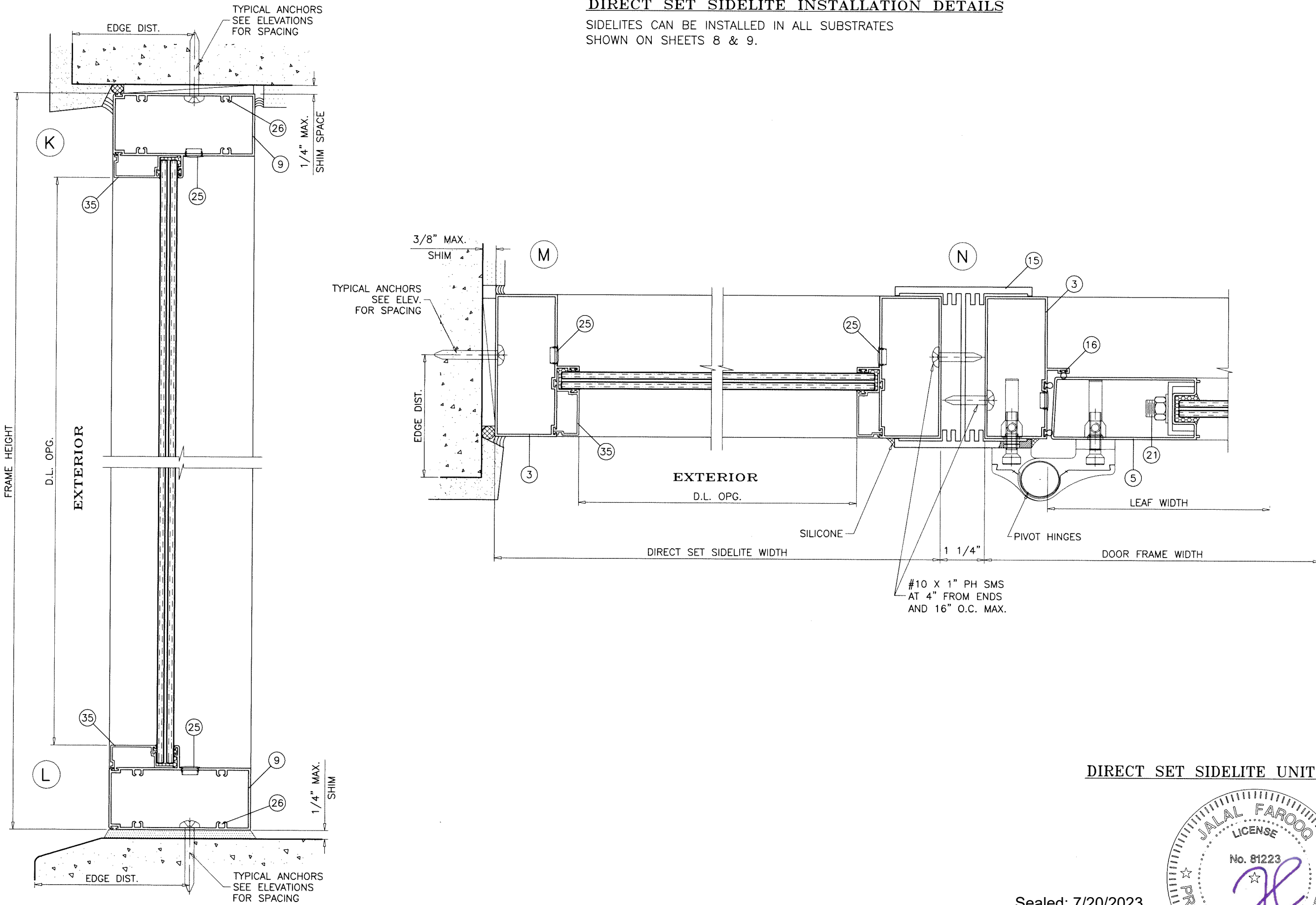
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dr. by:	JARIQ
chk. by:	

drawing no.	W15-30
sheet	10 of 16

**DIRECT SET SIDELITE INSTALLATION DETAILS**

SIDELITES CAN BE INSTALLED IN ALL SUBSTRATES  
SHOWN ON SHEETS 8 & 9.



**DIRECT SET SIDELITE UNITS**

**DIRECT SET SIDELITE UNITS**

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FL #21855

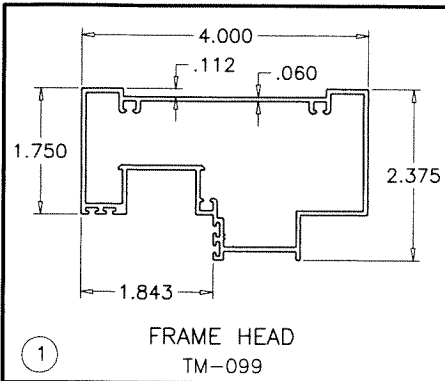


**afc**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173 (C.A.N. 3538)  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W15-30TMW

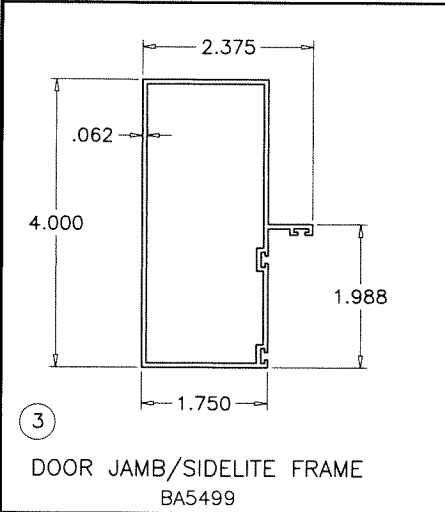
SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**Assura Windows & Doors, LLC.**  
1543 N. Powerline Road  
Pompano Beach, FL. 33069  
Tel. (954) 781-4430 www.assurawindows.com

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no	date by description

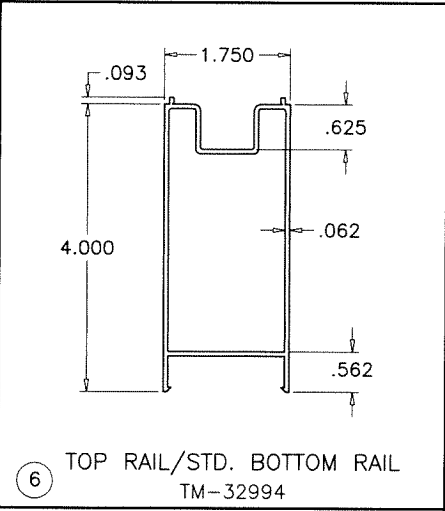
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sheet 11 of 16			



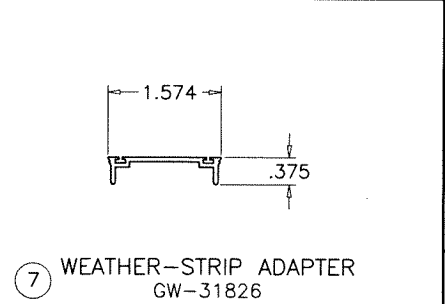
1 FRAME HEAD  
TM-099



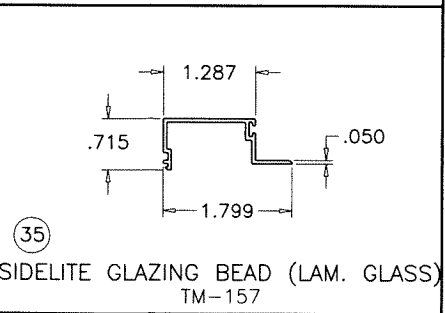
3 DOOR JAMB/SIDELITE FRAME  
BA5499



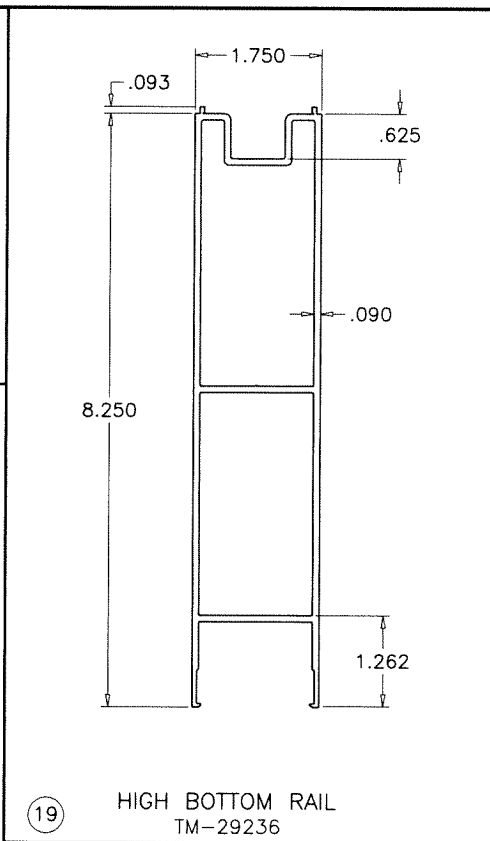
6 TOP RAIL/STD. BOTTOM RAIL  
TM-32994



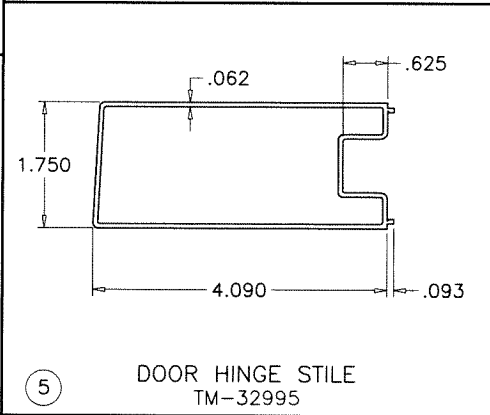
7 WEATHER-STRIP ADAPTER  
GW-31826



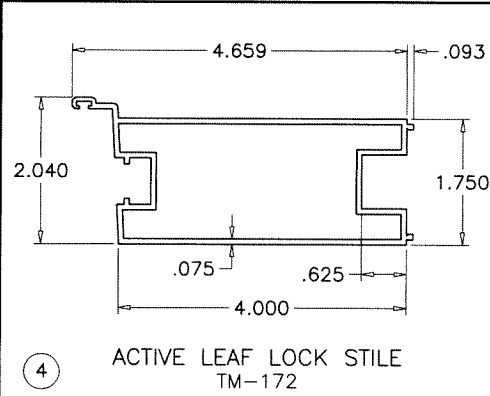
35 SIDELITE GLAZING BEAD (LAM. GLASS)  
TM-157



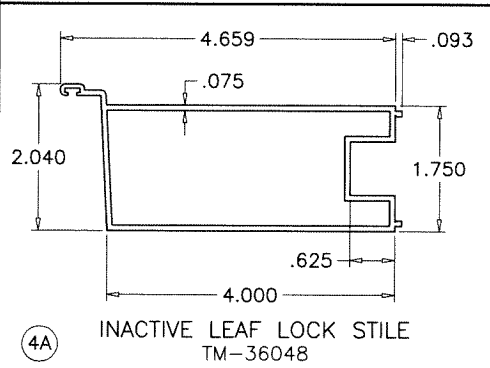
19 HIGH BOTTOM RAIL  
TM-29236



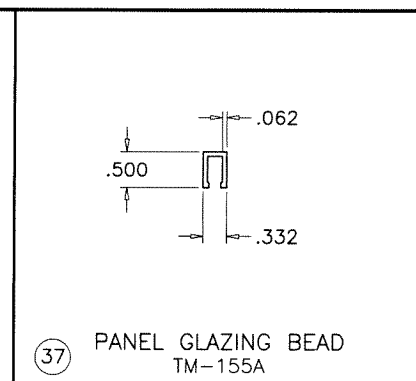
5 DOOR HINGE STILE  
TM-32995



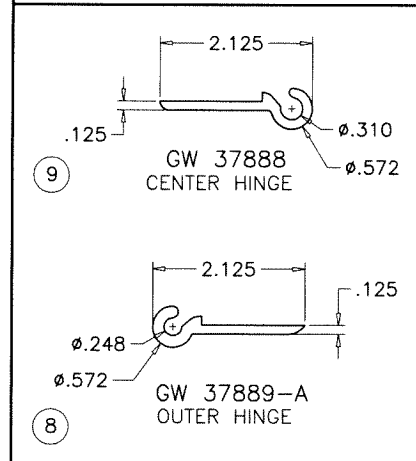
4 ACTIVE LEAF LOCK STILE  
TM-172



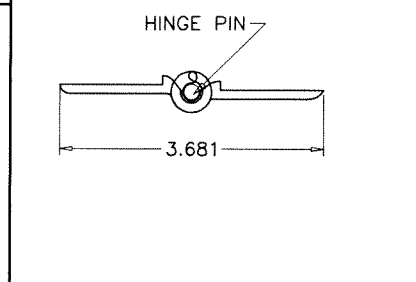
4A INACTIVE LEAF LOCK STILE  
TM-36048



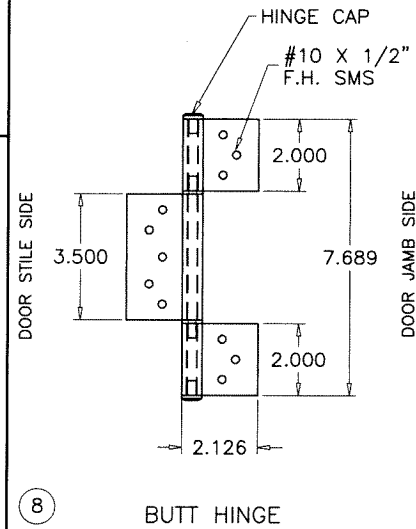
37 PANEL GLAZING BEAD  
TM-155A



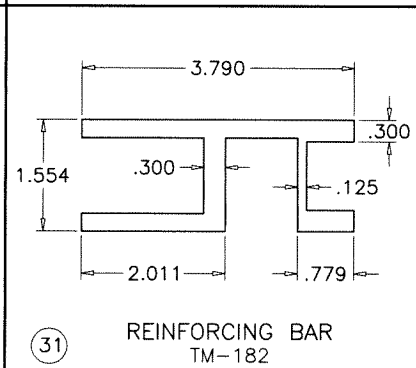
9 GW 37888  
CENTER HINGE



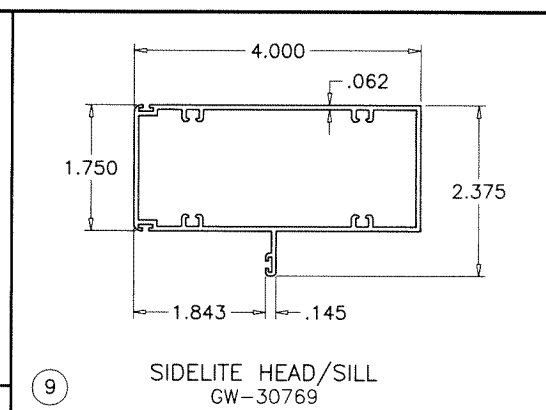
8 GW 37889-A  
OUTER HINGE



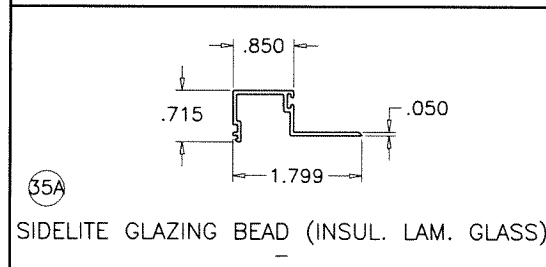
8 BUTT HINGE



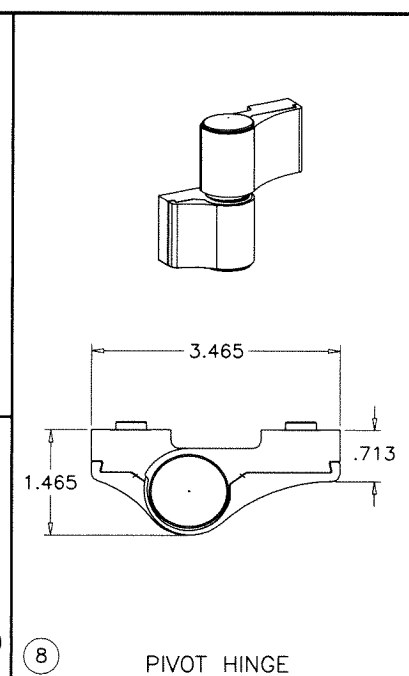
31 REINFORCING BAR  
TM-182



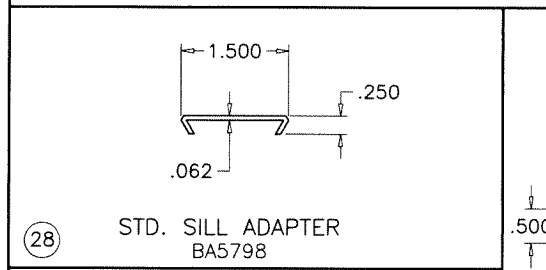
9 SIDELITE HEAD/SILL  
CW-30769



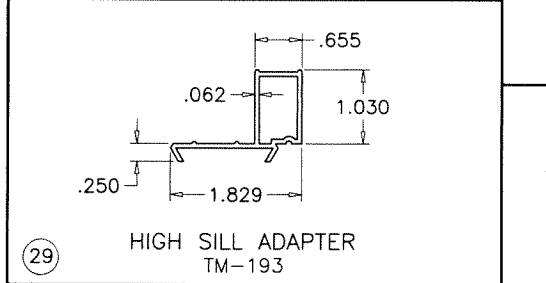
35A SIDELITE GLAZING BEAD (INSUL. LAM. GLASS)



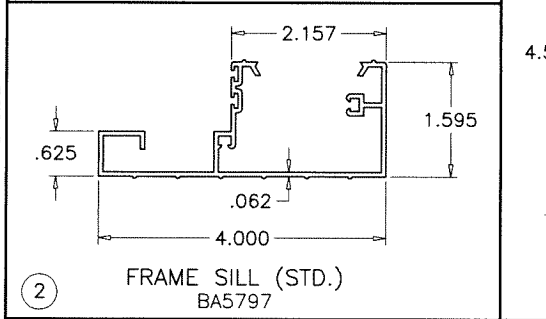
8 PIVOT HINGE



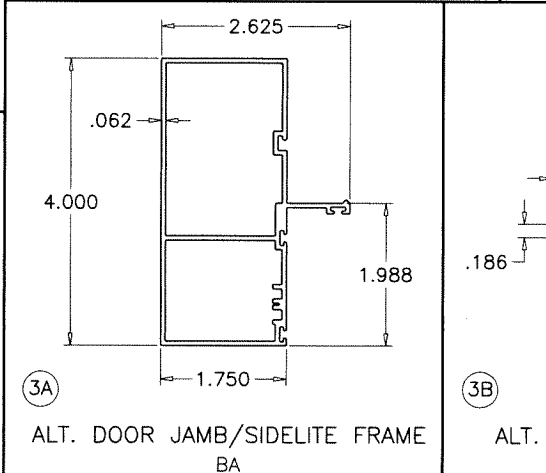
28 STD. SILL ADAPTER  
BA5798



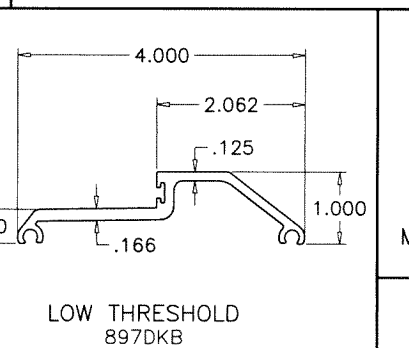
29 HIGH SILL ADAPTER  
TM-193



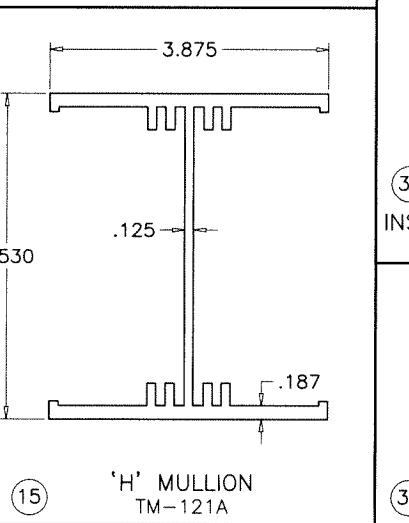
2 FRAME SILL (STD.)  
BA5797



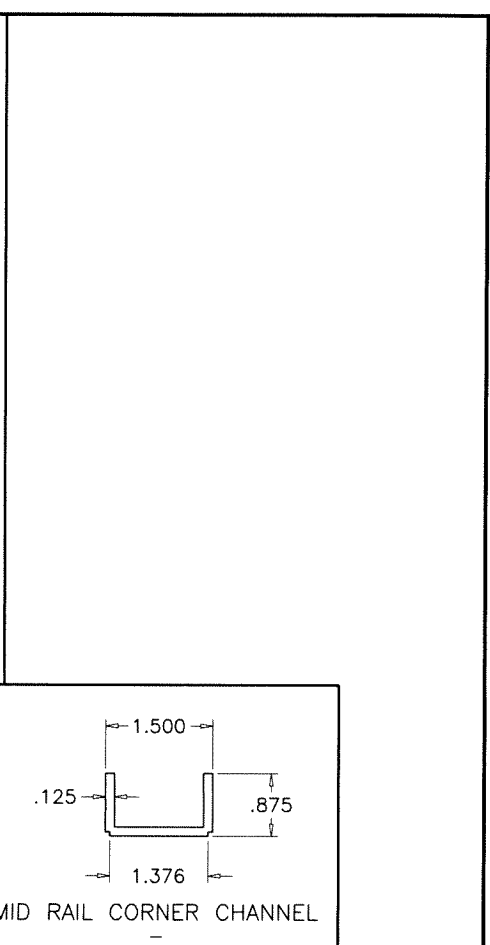
3A ALT. DOOR JAMB/SIDELITE FRAME  
BA



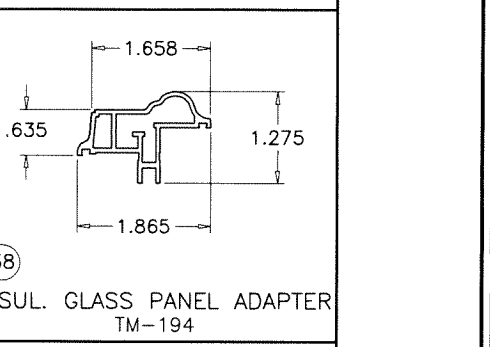
LOW THRESHOLD  
897DKB



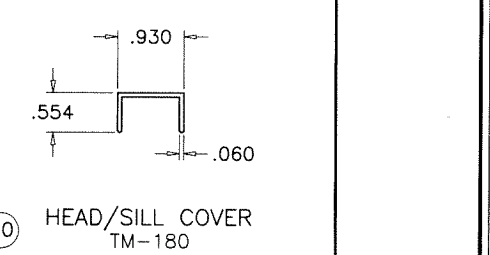
15 'H' MULLION  
TM-121A



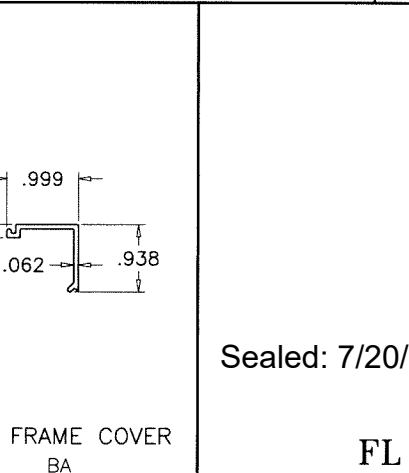
MID RAIL CORNER CHANNEL



38 INSUL. GLASS PANEL ADAPTER  
TM-194



30 HEAD/SILL COVER  
TM-180



3B ALT. FRAME COVER  
BA

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FL #21855



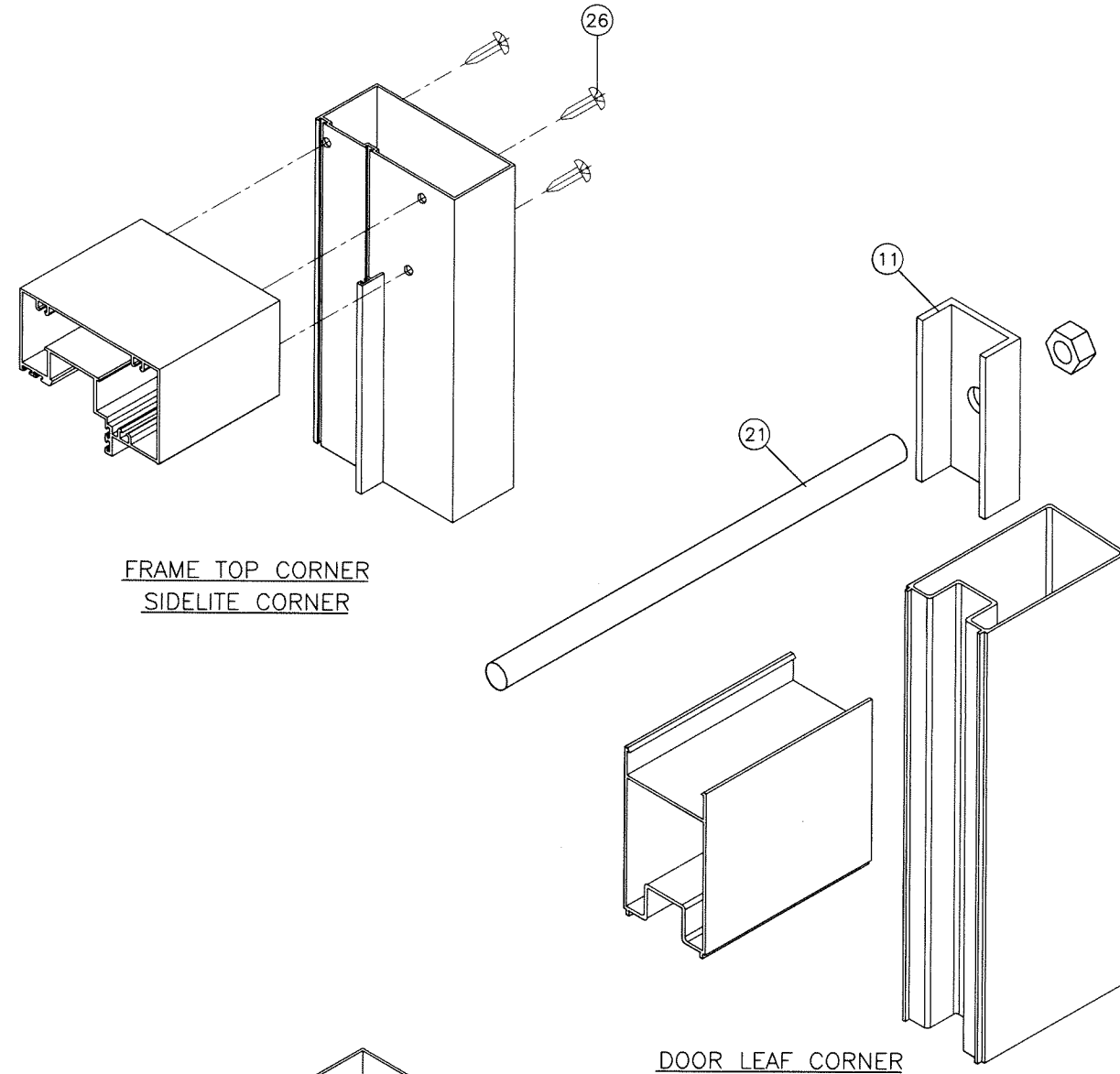
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
9360 SUNSET DRIVE, SUITE 220  
MIAMI, FLORIDA 33173  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W15-30TMW

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
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dr. by: TARIQ  
chk. by:

drawing no.  
**W15-30**  
sheet 12 of 16



ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	TM-099	1	FRAME HEAD	6063-T6	PER ASSURA SPECIFICATIONS
2	BA5797	1	FRAME SILL (STD.)	6063-T6	PER ASSURA SPECIFICATIONS
2A	8970KB	1	LOW THRESHOLD	6063-T6	PER ASSURA SPECIFICATIONS
3	BA5499	2	FRAME JAMB	6063-T6	PER ASSURA SPECIFICATIONS
3A	BA	AS REQD.	ALT. DOOR JAMB/SIDELITE FRAME	6063-T6	PER ASSURA SPECIFICATIONS
3B	BA	AS REQD.	ALT. FRAME COVER	6063-T6	PER ASSURA SPECIFICATIONS
4	TM-172	1	ACTIVE LEAF LOCK STILE	6063-T6	PER ASSURA SPECIFICATIONS
4A	TM-36048	1	INACTIVE LEAF LOCK STILE	6063-T6	PER ASSURA SPECIFICATIONS
5	TM-32995	1	PANEL HINGE STILE	6063-T6	PER ASSURA SPECIFICATIONS
6	TM-32994	1	TOP RAIL/STD. BOTTOM RAIL	6063-T6	PER ASSURA SPECIFICATIONS
7	GW 31826	4	WEATHERSTRIP ADAPTER	6063-T6	END OF DOOR STILES (TOP/BOTTOM)
8	FD 107	3/ LEAF	BUTT HINGE	6063-T6	SULLIVAN & ASSOC.
8A	-	3/ LEAF	PIVOT HINGE	6063-T6	LOIRA
9	GW30769	AS REQD.	SIDELITE HEAD/SILL	6063-T6	-
10	GW 32222	2	DOOR LOCK INSERT	6063-T6	LOCK STILE
11	GW-34808	2/ LEAF	PRESSURE PLATE-TIE ROD	ALUMINUM	4" LONG
12	FB 1202	2/LEAF	FLUSH BOLT ASSEMBLY	ALUMINUM	SULLIVAN & ASSOC.
15	TM-121A	AS REQD.	'H' MULLION	6063-T6	-
16	32001	AS REQ'D.	FOAM FILLED BULB W'STRIPPING	-	.187 X .250 T-SLOT
16A	32084	AS REQ'D.	MULTI FLAP FOAM FILLED BULB W'STRIPPING	-	-
16B	32011	AS REQ'D.	FOAM FILLED BULB W'STRIPPING	-	.187 X .350 T-SLOT
17	FBCF	2/LEAF	FLUSHBOLT GUIDE, LOCK STILE ENDS (TOP/BOTTOM)	6063-T6	M & M PLASTICS
19	TM-29236	1	HIGH BOTTOM RAIL	6063-T6	-
20	-	AS REQD.	#10 x 1/2" F.H. UNDERCUT SMS.	STEEL	AT FLUSH BOLTS
21	-	2/LEAF	1/2"Ø THREADED ROD, WASHER & NUT	STEEL	TOP/BOTTOM END RAILS
22	-	-	DEAD BOLT LOCKING HANDLE	-	KWIK-SET
23	-	1	MULTI POINT LOCK	-	ACTIVE LEAF, 41" FROM BOTTOM
25	-	36	DUST PLUG (OPTIONAL)	PLASTIC	DOOR JAMB INSTALL. SCREW HOLES
26	-	AS REQD.	#10 x 1" P.H. SMS. (ASSY. SCREW)	STEEL	DOOR FRAME MEMBERS/MULL CLIPS
28	BA5798	AS REQD.	STD. SILL ADAPTER	6063-T5	PER ASSURA SPECIFICATIONS
29	BA	AS REQD.	HIGH SILL ADAPTER (USED WITH STD. SILL)	6063-T5	PER ASSURA SPECIFICATIONS
30	TM-180	2	HEAD/SILL COVER	6063-T6	PER ASSURA SPECIFICATIONS
31	TM-182	-	LOCK STILE REINFORCEMENT	6063-T6	PER ASSURA SPECIFICATIONS
35	TM-157	4	SIDELITE GLAZING BEAD (LAM. GLASS)	6063-T6	SIDE LITE GLAZING PERIMETER
35A	-	4	SIDELITE GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	SIDE LITE GLAZING PERIMETER
37	TM-155A	OPTIONAL	PANEL GLAZING BEAD	6063-T6	PER ASSURA SPECIFICATIONS
38	TM-194	-	INSUL. GLASS PANEL ADAPTER	6063-T5	PER ASSURA SPECIFICATIONS
39	-	AS REQD.	SETTING BLOCKS (1/8" X 3/4" X 4" LONG)	EPDM	DUROMETER 80±5 SHORE A

**DOOR COMPONENTS**

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FL #21855

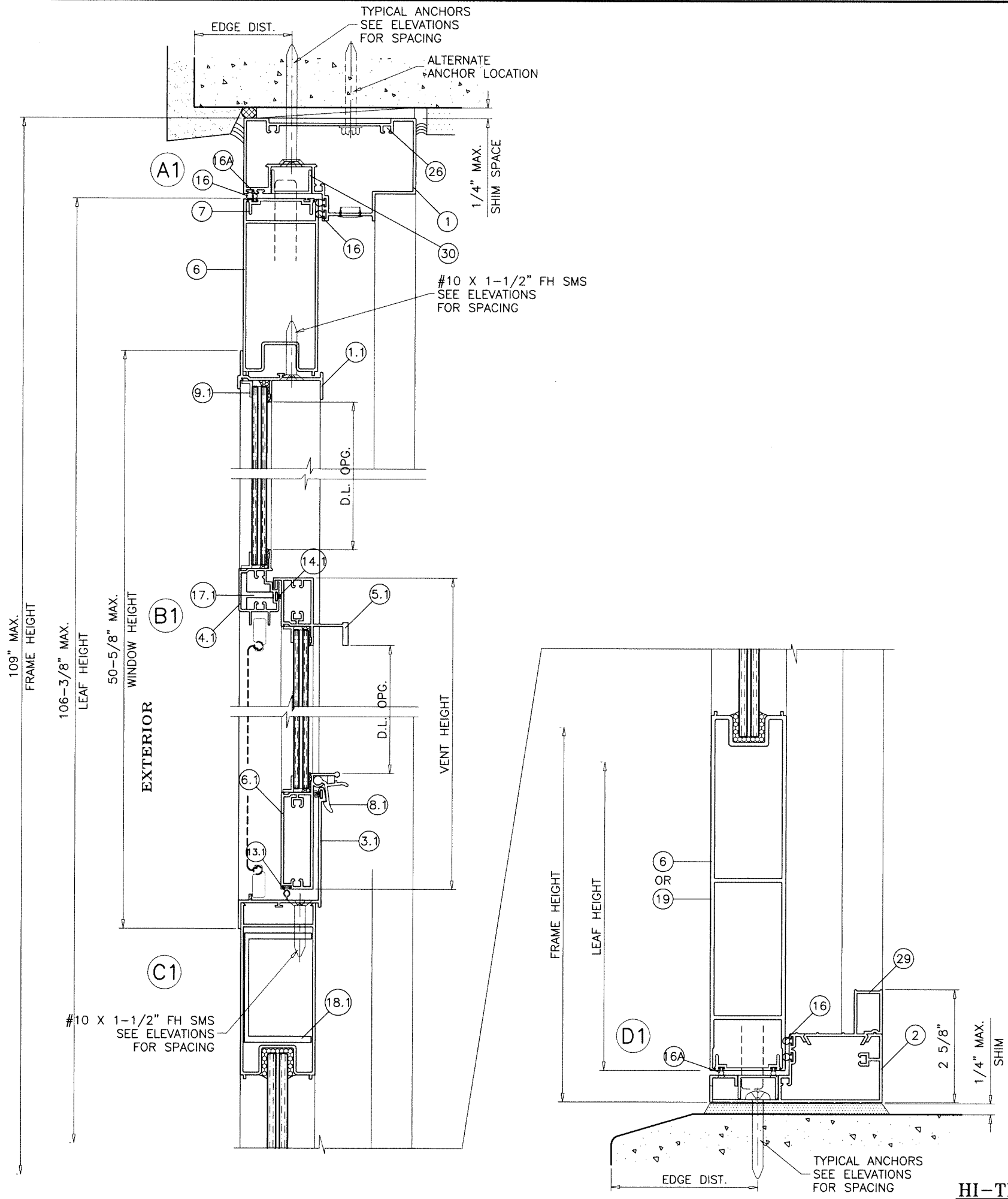
**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 9360 SUNSET DRIVE, SUITE 220  
 MIAMI, FLORIDA 33173 (C.A.N. 3538)  
 TEL. (305) 264-8100 FAX. (305) 262-6978  
 COMP-ANL\W15-30T.MW

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
**Assura Windows & Doors, LLC.**  
 1543 N. Powerline Road  
 Pompano Beach, FL. 33069  
 Tel. (954) 781-4430 www.assurawindows.com

revisions:	no	date	by	description

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 chk. by:

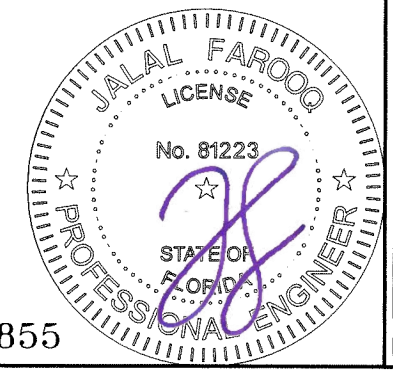
drawing no.  
**W15-30**  
 sheet 13 of 16



SINGLE (X) OPERATING UNITS W/ S.H. WDW.

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FL #21855



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COMP-ANL\W15-30TAW

SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)

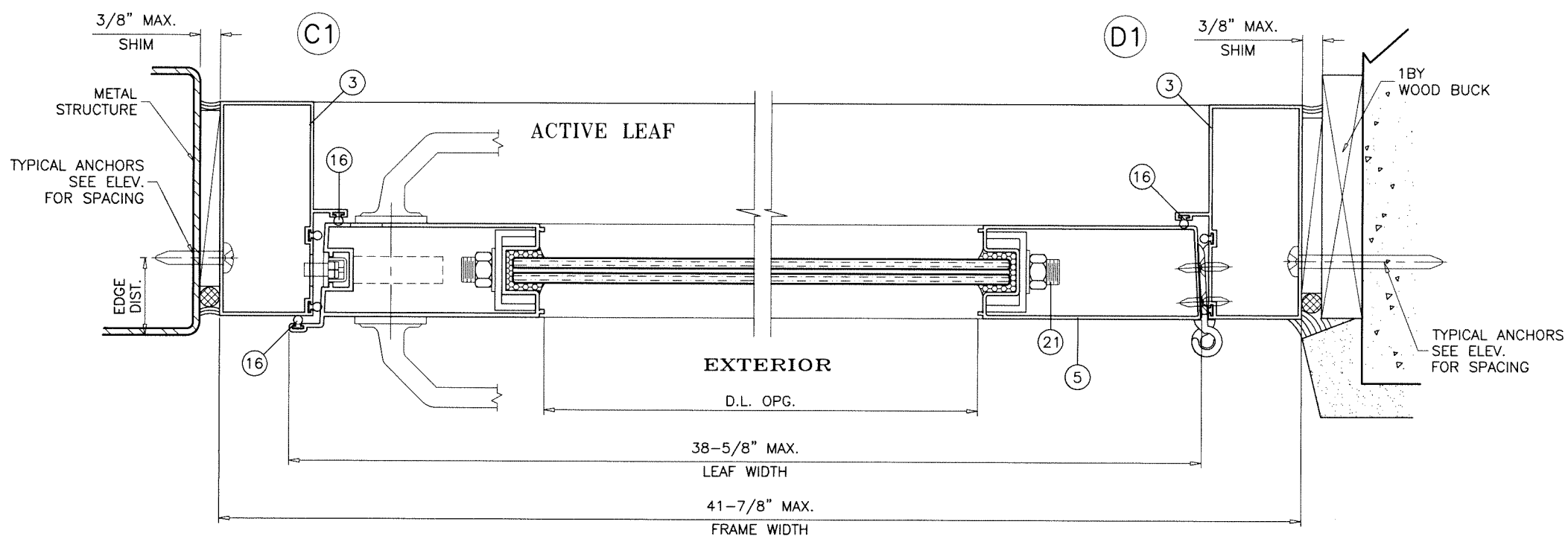
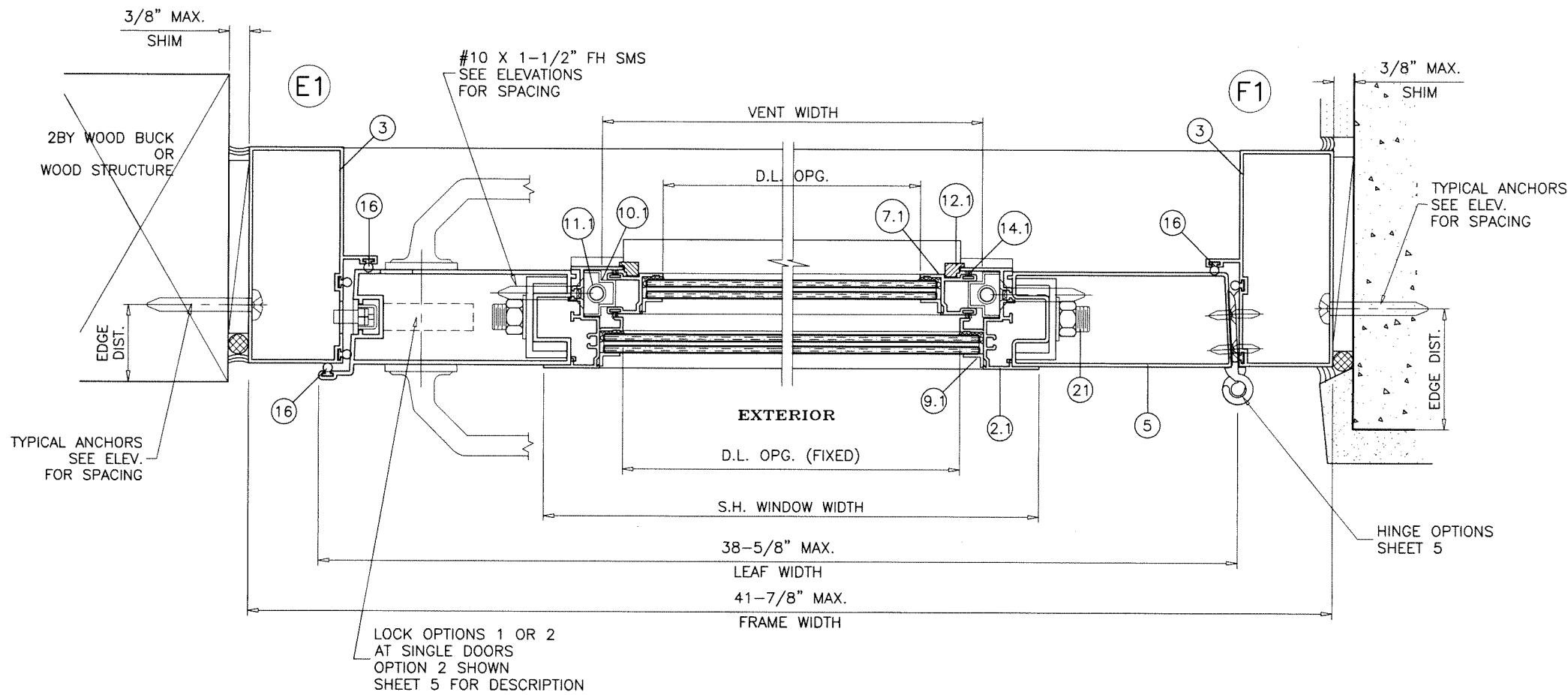
**Assura Windows & Doors, LLC.**  
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Pompano Beach, FL. 33069  
Tel. (954) 781-4430 www.assurawindows.com

no	date	by	description

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chk. by:

drawing no.  
**W15-30**

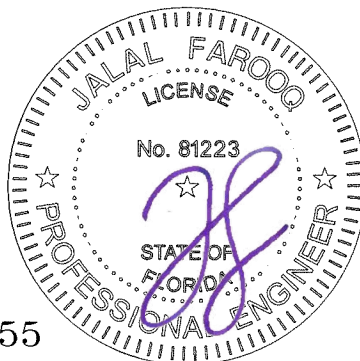
sheet 14 of 16



SINGLE (X) OPERATING UNITS W/ S.H. WDW.

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FL #21855



**afc**  
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SERIES-249 ALUM OUT-SWING DOOR W/ SIDELITES (L.M.I.)  
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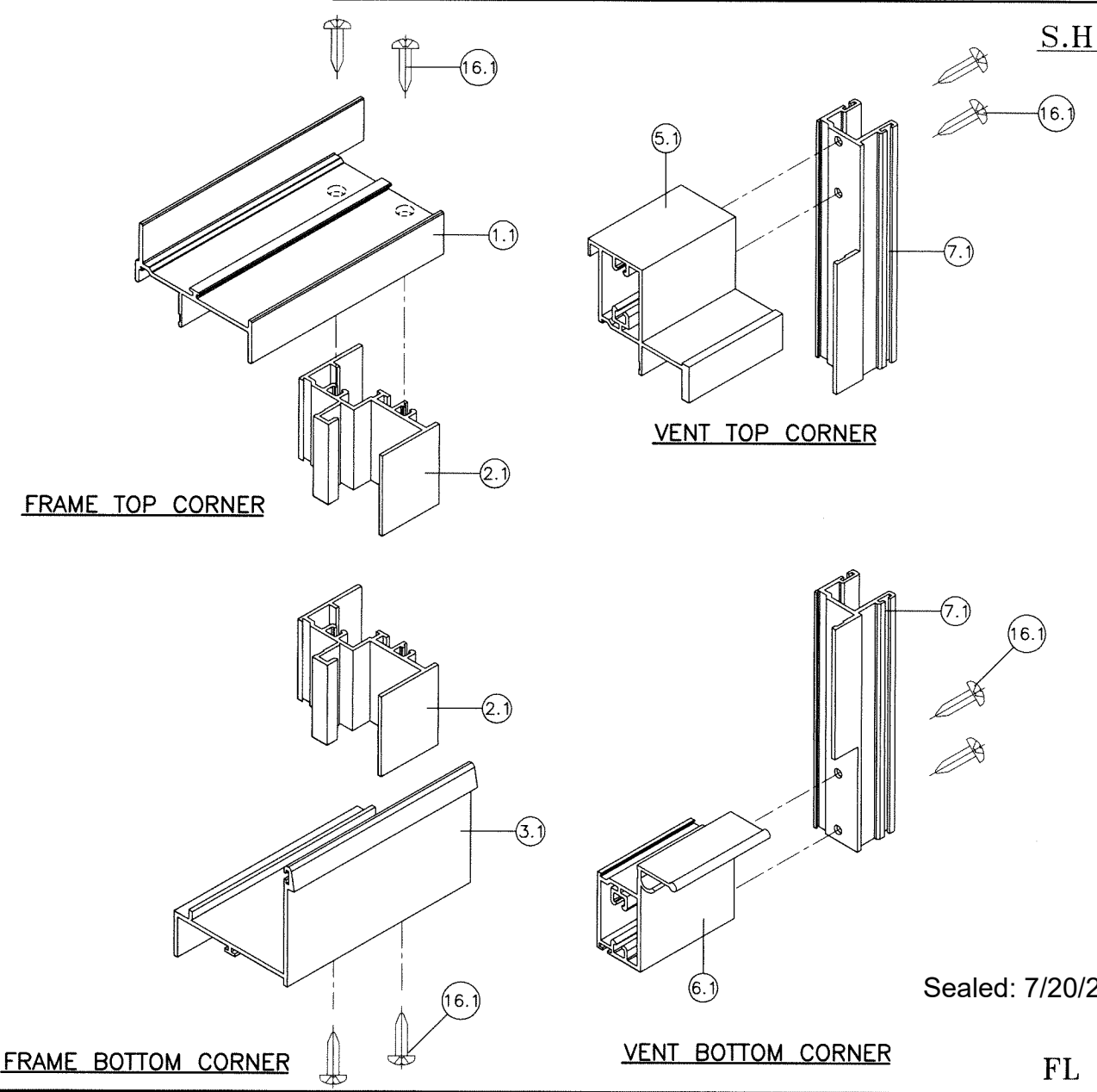
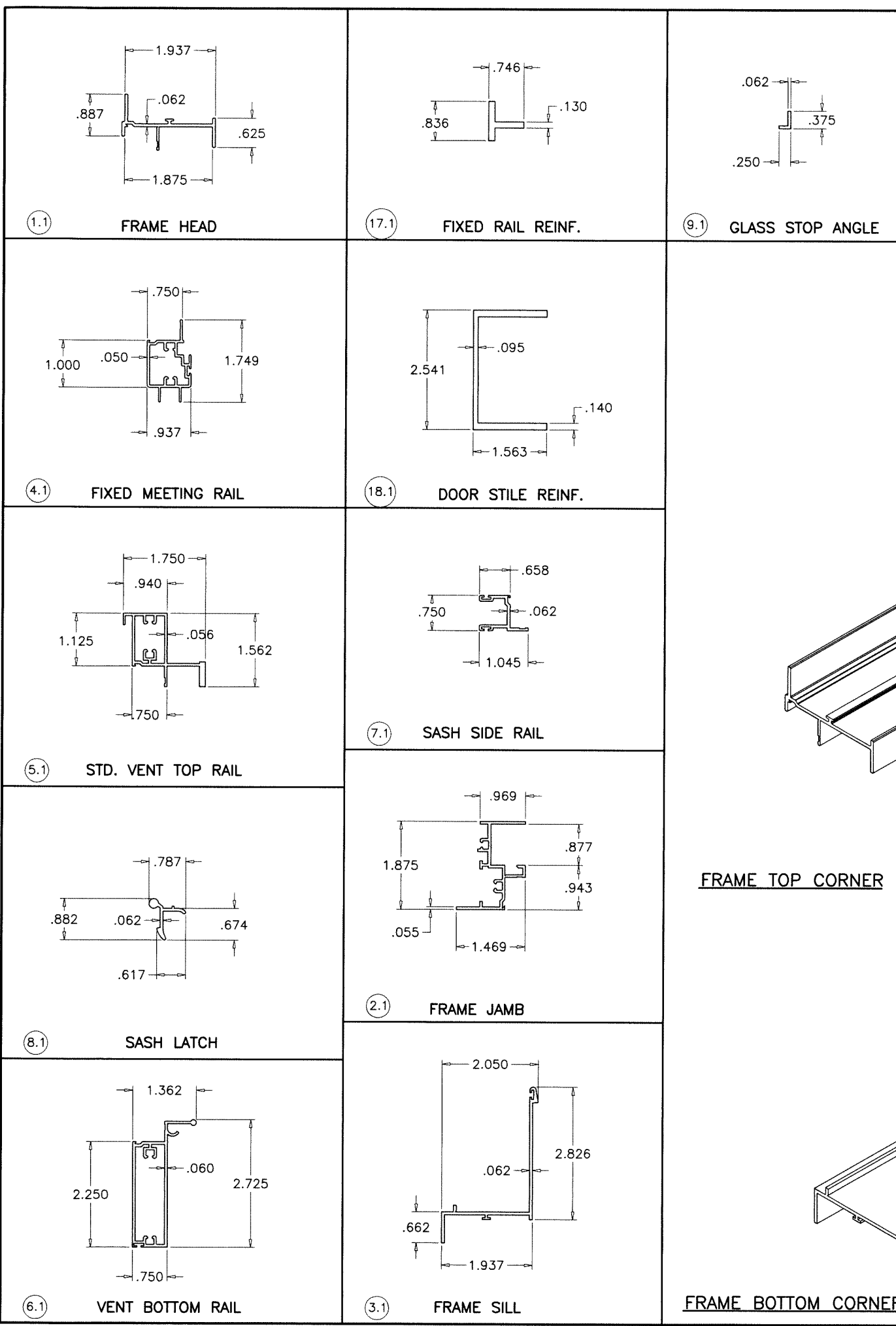
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date: 06-29-15  
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 dr. by: TARIQ  
 chk. by:

drawing no.  
**W15-30**  
 sheet 15 of 16



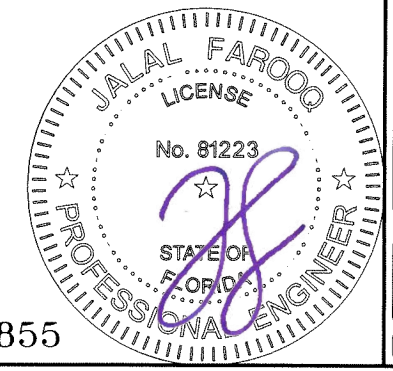
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1.1	GW-31798	1	FRAME HEAD	6063-T6	PER ASSURA SPECIFICATIONS
2.1	TM-117	2	FRAME JAMB	6063-T6	PER ASSURA SPECIFICATIONS
3.1	-	1	FRAME SILL	6063-T6	PER ASSURA SPECIFICATIONS
4.1	GW-36123	1	FIXED MTG. RAIL	6063-T6	PER ASSURA SPECIFICATIONS
5.1	TM-113	1	STD. VENT TOP RAIL	6063-T6	PER ASSURA SPECIFICATIONS
6.1	TM-112	1	VENT BOTTOM RAIL	6063-T6	PER ASSURA SPECIFICATIONS
7.1	GW-31802	2	VENT JAMB	6063-T6	PER ASSURA SPECIFICATIONS
8.1	TM-115	2/VENT	SPRING LOADED EGRESS LOCK @ 6" FROM ENDS	6063-T6	PER ASSURA SPECIFICATIONS
8A.1	-	2/VENT	LATCH LOCK @ 6" FROM ENDS	CAST	PER ASSURA SPECIFICATIONS
9.1	-	AS REQD.	GLAZING STOP ANGLE	ALUMINUM	PER ASSURA SPECIFICATIONS
10.1	-	2	VENT STOP (5-1/4" LONG)	PLASTIC	PER ASSURA SPECIFICATIONS
11.1	-	2	SPIRAL BALANCE	-	CALDWELL
12.1	-	4	VENT GUIDE	PLASTIC	PER ASSURA SPECIFICATIONS
13.1	WV-3045	AS REQD.	BULB WEATHERSTRIP	VINYL	PER ASSURA SPECIFICATIONS
14.1	W43201	AS REQD.	FIN SEAL WEATHERSTRIP	WOOL	PER ASSURA SPECIFICATIONS
15.1	W43371	AS REQD.	FIN SEAL WEATHERSTRIP	WOOL	PER ASSURA SPECIFICATIONS
16.1	-	1	FRAME/VENT ASSEMBLY SCREWS	CRS	#10 x 1" P.H. SMS
17.1	-	-	FIXED RAIL REINFORCING	ALUMINUM	PER ASSURA SPECIFICATIONS
18.1	-	-	DOOR STILE REINFORCING	ALUMINUM	PER ASSURA SPECIFICATIONS



S.H. WINDOW COMPONENTS

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**W15-30**  
 sheet 16 of 16