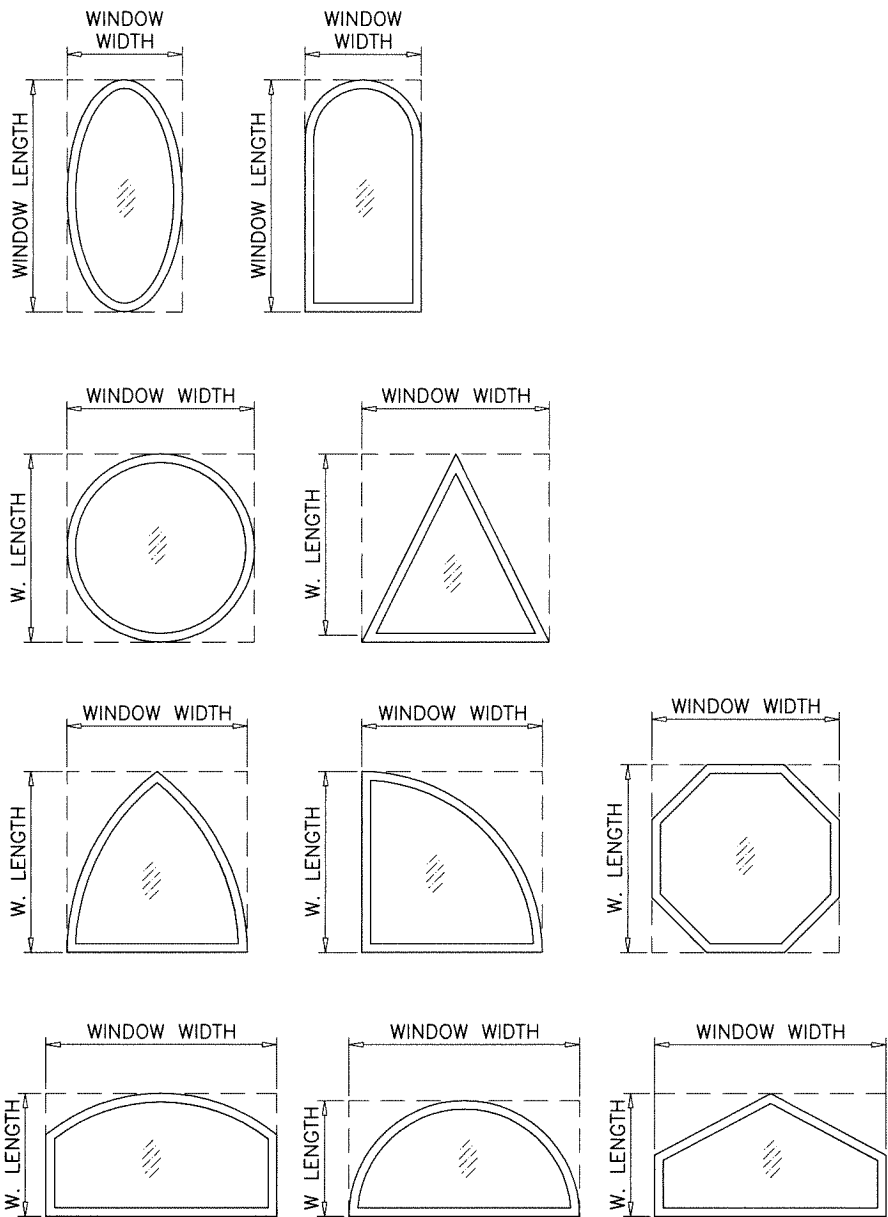


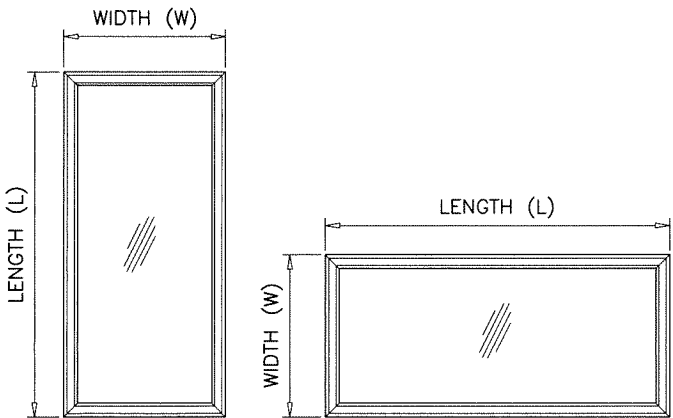
DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		GLASS TYPE 'A' & 'Ai'		GLASS TYPES 'B' & 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		80.0	85.0	80.0	85.0
53-1/8"		80.0	85.0	80.0	85.0
19-1/8"	38-3/8"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		73.9	78.5	80.0	85.0
53-1/8"		71.3	75.7	80.0	85.0
19-1/8"	50-5/8"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		73.9	78.5	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	56"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		73.9	78.5	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	63"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
37"		73.9	78.5	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	72"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
34"		80.0	85.0	80.0	85.0
37"		-	-	80.0	85.0
53-1/8"		-	-	80.0	85.0
19-1/8"	76"	80.0	85.0	80.0	85.0
26-1/2"		80.0	85.0	80.0	85.0
33"		80.0	85.0	80.0	85.0
37"		-	-	80.0	85.0
53-1/8"		-	-	80.0	85.0

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPE 'A' & 'Ai'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
24"	48"	80.0	85.0
30"		80.0	85.0
36"		76.0	80.7
42"		65.1	69.2
48"		57.0	60.5
54"		-	-
24"	54"	80.0	85.0
30"		80.0	85.0
36"		76.0	80.7
42"		65.1	69.2
24"	66"	80.0	85.0
30"		80.0	85.0
36"		76.0	80.7
42"		-	-
24"	78"	80.0	85.0
30"		80.0	85.0
36"		-	-
24"	96"	80.0	85.0

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'B' & 'C'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
24"	72"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		80.0	85.0
60"	72"	79.1	84.0
66"		77.4	82.3
66-3/8"		77.3	82.2
24"	78"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		78.4	83.3
60"		75.0	79.6
24"	84"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		80.0	85.0
54"		75.5	80.2
24"	90"	80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"	96"	78.6	83.5
24"		80.0	85.0
30"		80.0	85.0
36"		80.0	85.0
42"		80.0	85.0
48"		76.9	81.7



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE
ORIENTED VERTICALLY OR HORIZONTALLY
AS SHOWN ABOVE.

NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-16 (3 SEC. GUSTS)

Sealed: 7/17/2026



FL #41347

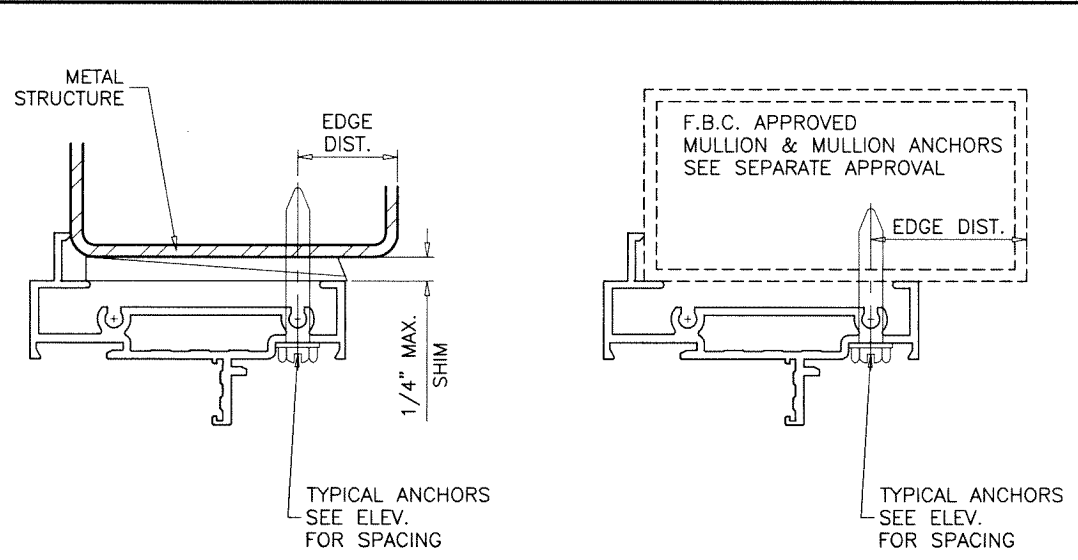
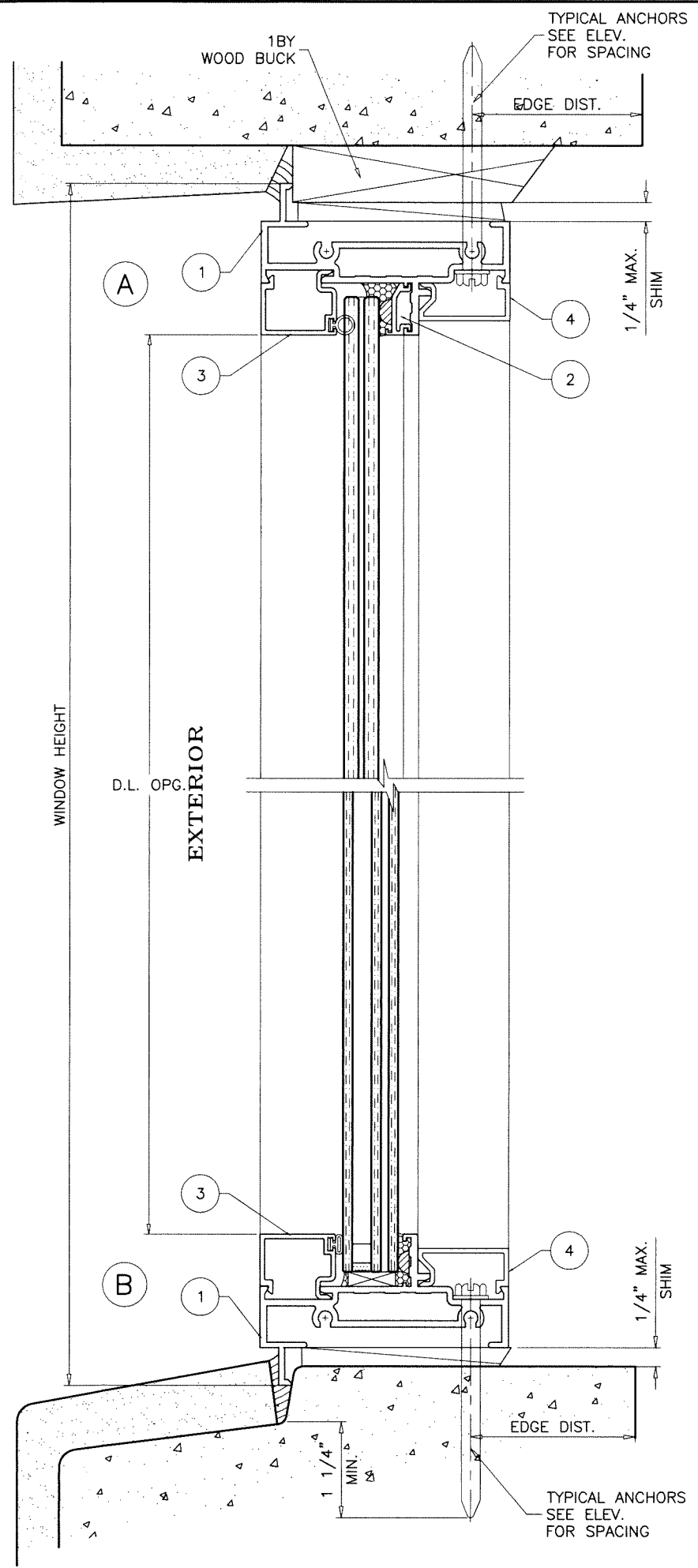
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM

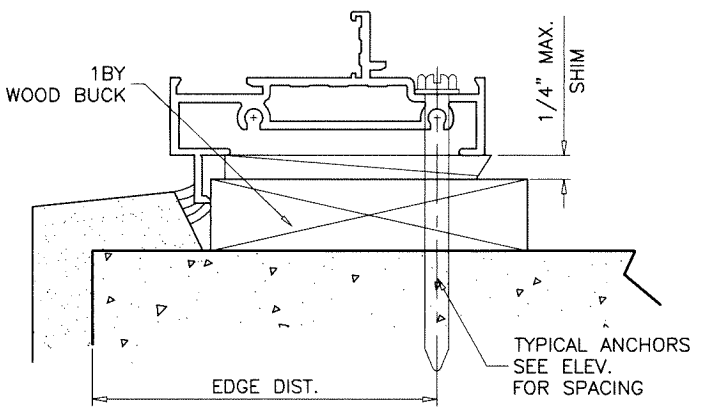
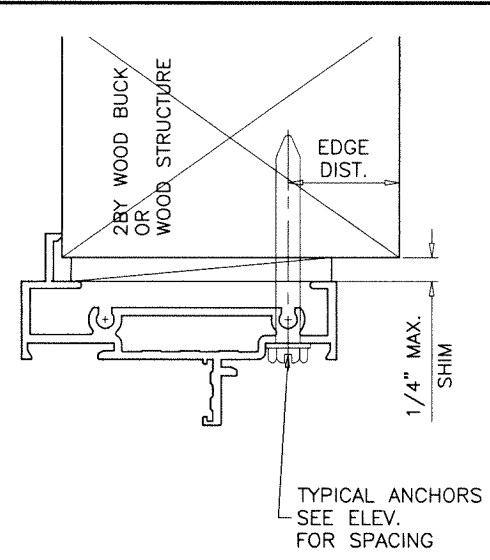
Vista View Fixed Casement Window with LP (L.M.I.)

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

revisions:	no	date	by	description
date:	04-25-24	scale:	-	
dr. by:	TARIQ	chk. by:		
drawing no.	24-17F			
Sheet	3 of 6			

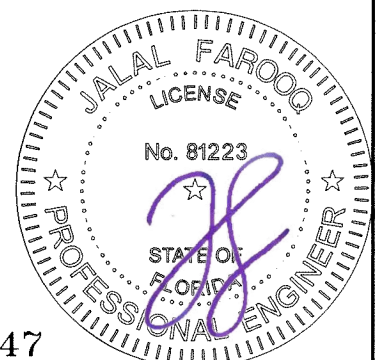


WOOD BUCKS AND METAL STRUCTURE NOT BY 'ALDORA ALUMINUM AND GLASS PRODUCTS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
 THRU 1BY BUCKS INTO CONC. OR BLOCKS
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/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)
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO F.B.C. APPROVED MULLIONS
 OR
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
 STEEL: 1/8" THK. MIN. ($F_y = 36$ 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, SILL 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.

Sealed: 7/17/2026



FL #41347

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100
 FBPE #3538

COMP-ANL\24-17F-AAG

Vista View Fixed Casement Window with LP (L.M.I.)

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

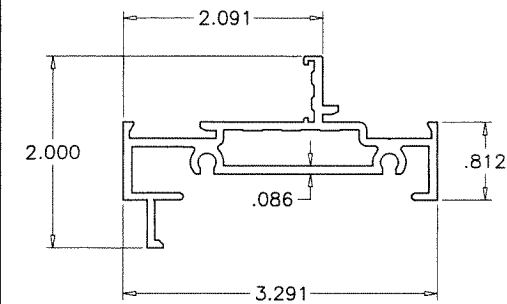
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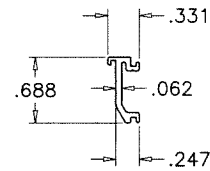
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 dr. by: TARIQ
 chk. by:

drawing no.
24-17F
 sheet 4 of 6

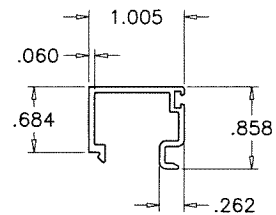
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SMI-836	4	WINDOW FRAME	6063-T6	-
2	SMI-822	4	GLAZING INSERT	6063-T6	-
3	SMI-827	4	GLAZING BEAD	6063-T6	-
4	SMI-837	4	SCREW COVER	6063-T6	-
5	SMI-B02	AS REQD.	GLAZING GASKET	-	MELTPPOINT
6	SMI-SB14	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
7	MSC-001	AS REQD.	BUMPON SPACER, FLB-51	POLYURETHANE	FRANK LOWE
8	0472.8	AS REQD.	CORNER KEY	-	MONTICELLI
9	-	-	-	-	-



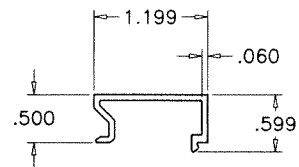
1 WINDOW FRAME



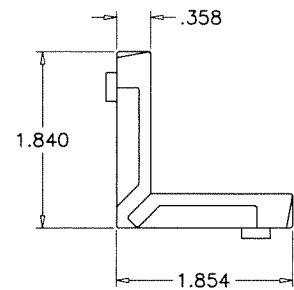
2 GLAZING INSERT



3 GLAZING BEAD



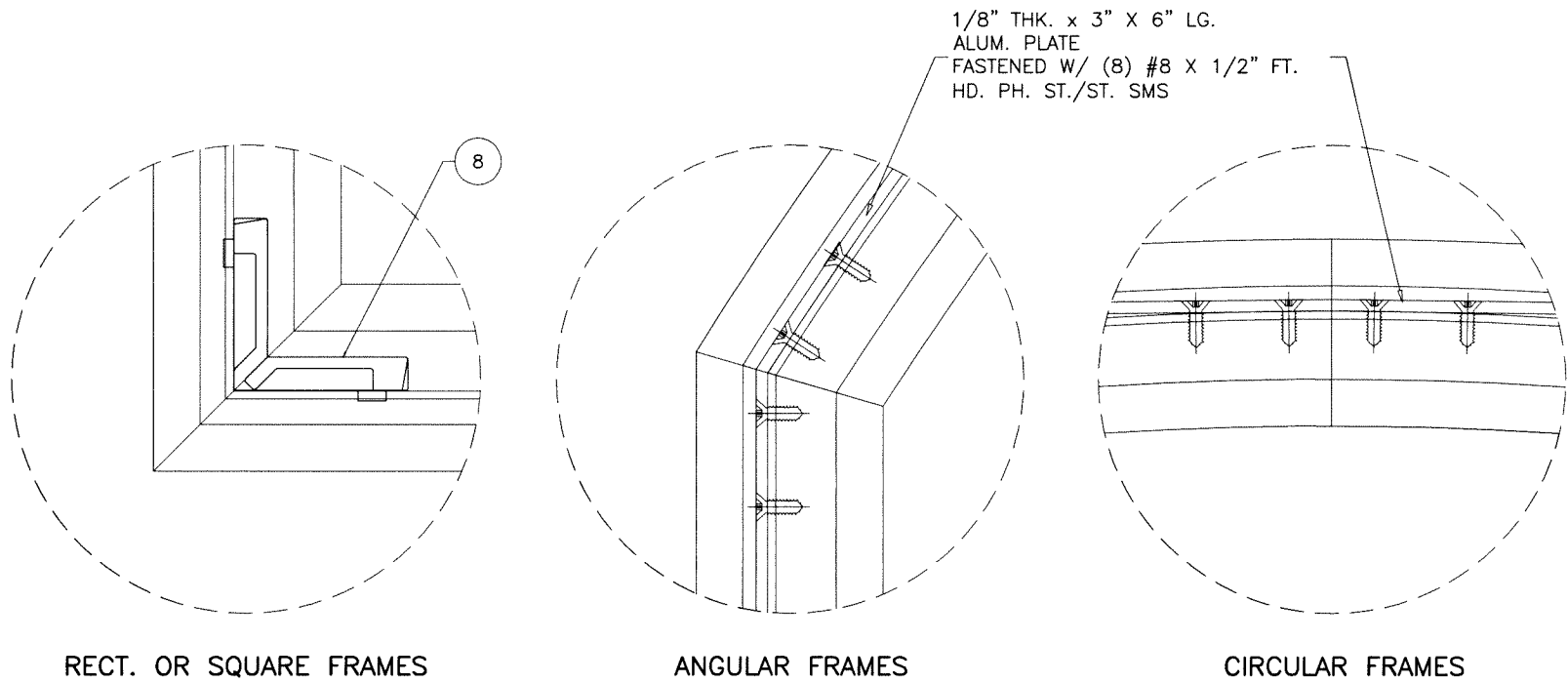
4 SCREW COVER



8 CORNER KEY

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED
WITH SILICONE.



WINDOW CORNER DETAILS

Sealed: 7/17/2026



FL #41347

afC
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