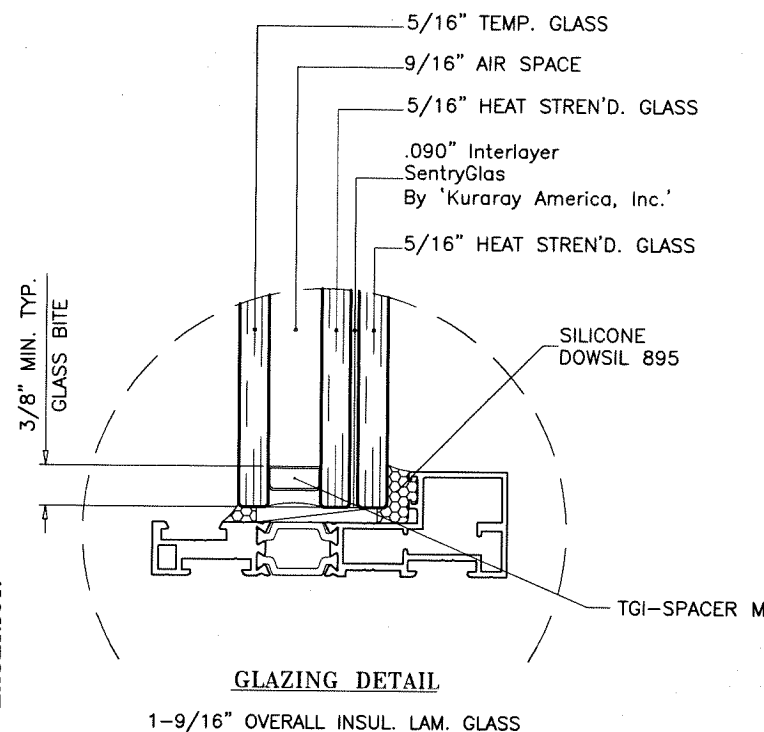


EXTERIOR



LUX THERMAL ALUMINUM FIXED WINDOW

SEE SHEET 2 FOR DESIGN LOAD CAPACITIES.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE.
COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER WINDOW TYPES USING MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO THE ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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.

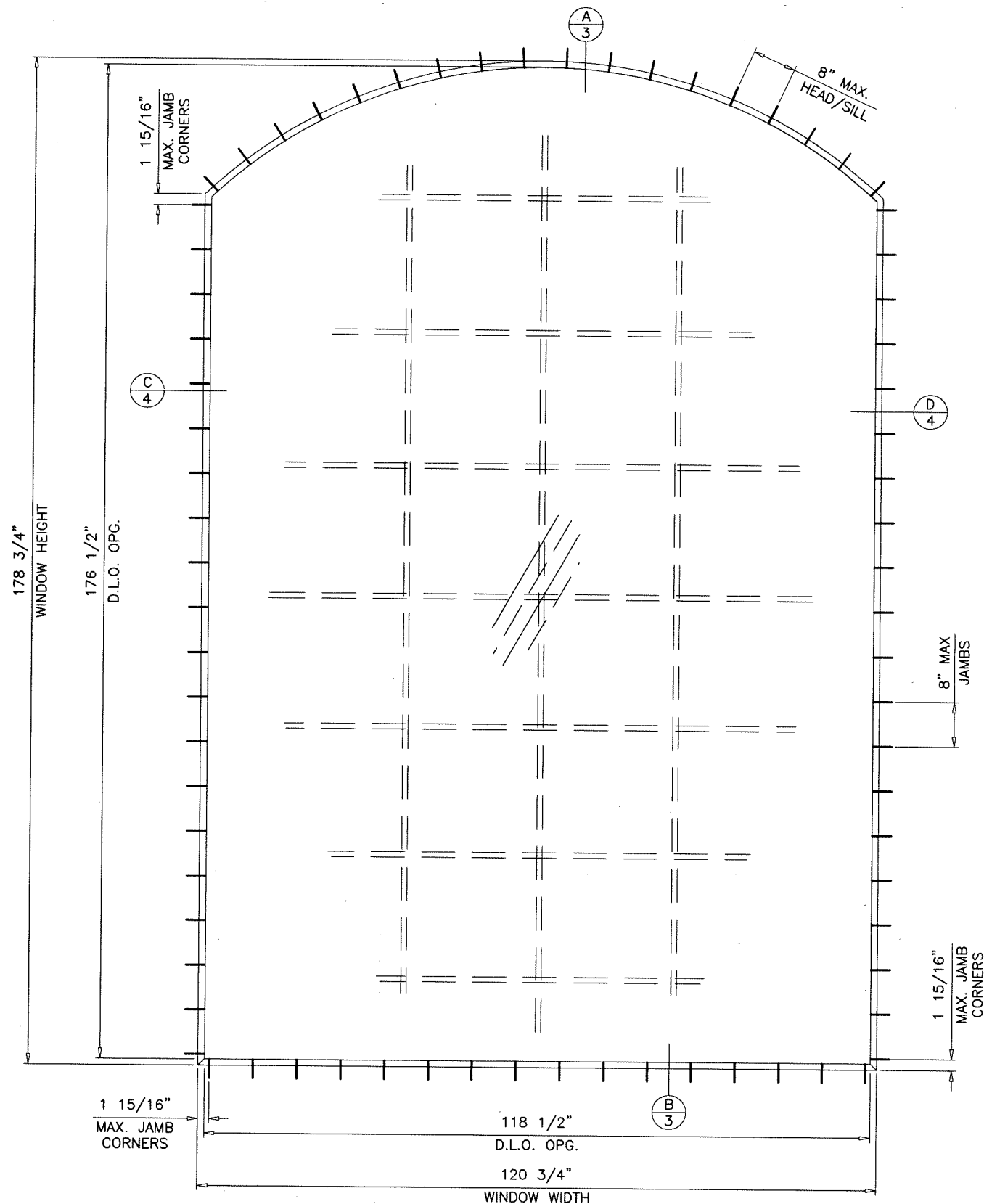
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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
TESTED UNIT

WINDOWS COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

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

- 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.

FL #48046



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Views

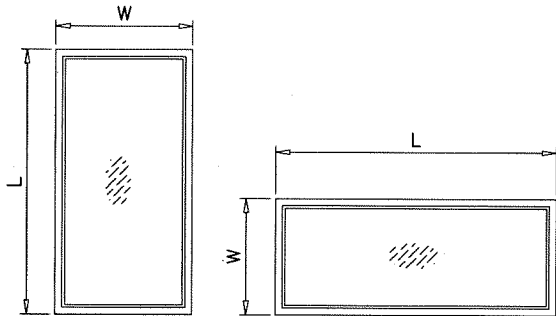
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dr. by:	Cindy R.			
chk. by:				
drawing no.	26-04F			
sheet	1 of 7			

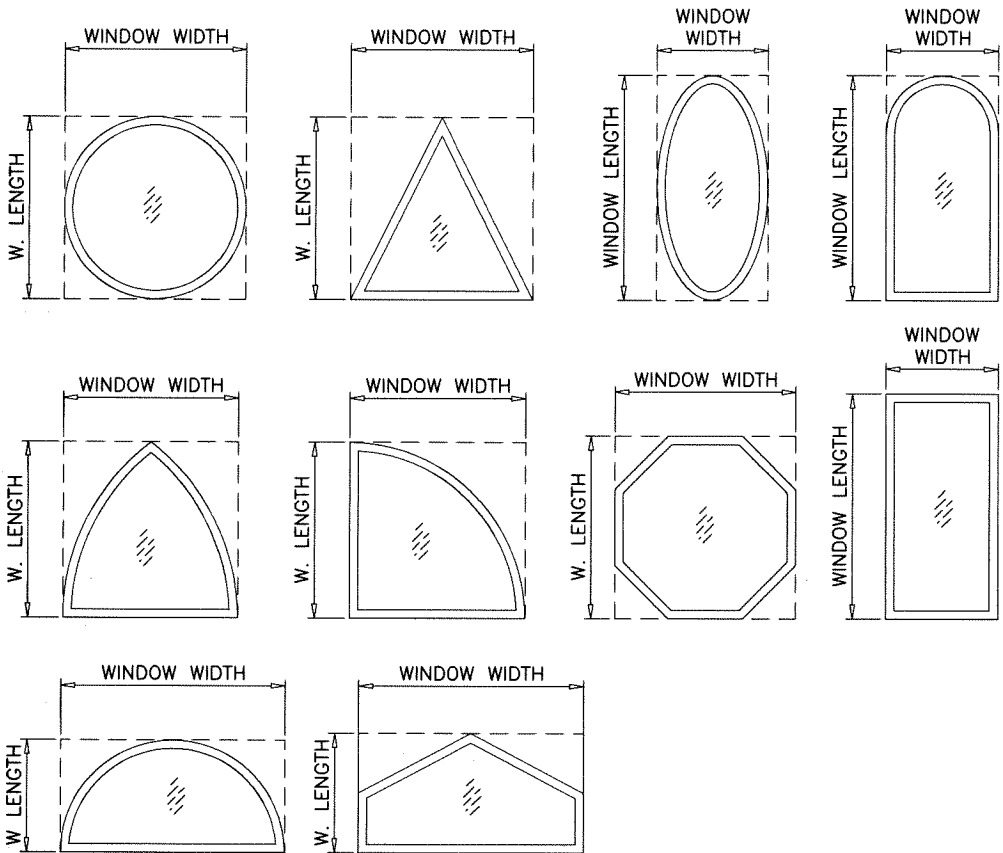
DESIGN LOAD CAPACITY - PSF			
WINDOW FRAME DIMS.		1-9/16 OVERALL" INSUL. LAM. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
84"	144"	75.0	75.0
96"		75.0	75.0
108"		72.2	72.2
120"		65.0	65.0
120-3/4"		65.0	65.0
132"		59.5	59.5
144"		54.5	54.5
84"	156"	75.0	75.0
96"		73.9	73.9
108"		69.5	69.5
120"		65.0	65.0
120-3/4"		65.0	65.0
132"		59.5	59.5
84"	162"	75.0	75.0
96"		72.7	72.7
108"		68.2	68.2
120"		65.0	65.0
120-3/4"		65.0	65.0
132"		59.5	59.5

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

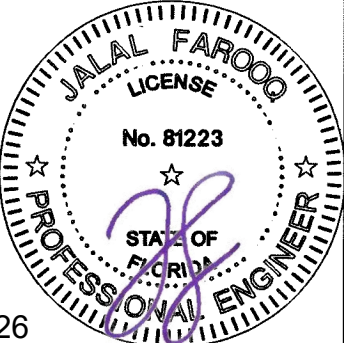


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

DESIGN LOAD CAPACITY - PSF			
WINDOW FRAME DIMS.		1-9/16 OVERALL" INSUL. LAM. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
84"	168"	75.0	75.0
96"		71.6	71.6
108"		67.0	67.0
120"		65.0	65.0
120-3/4"		65.0	65.0
132"		59.5	59.5
84"	178-3/4"	75.0	75.0
96"		70.0	70.0
108"		65.3	65.3
120"		65.0	65.0
120-3/4"		65.0	65.0
132"		59.5	59.5
84"	180"	75.0	75.0
96"		69.8	69.8
108"		65.0	65.0
120"	192"	74.8	74.8
96"		68.2	68.2
108"		65.0	65.0



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.

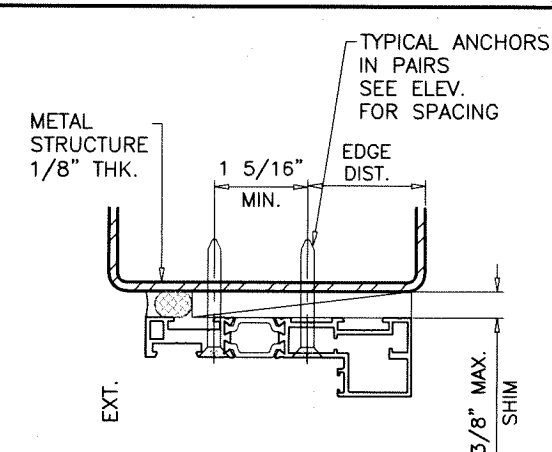
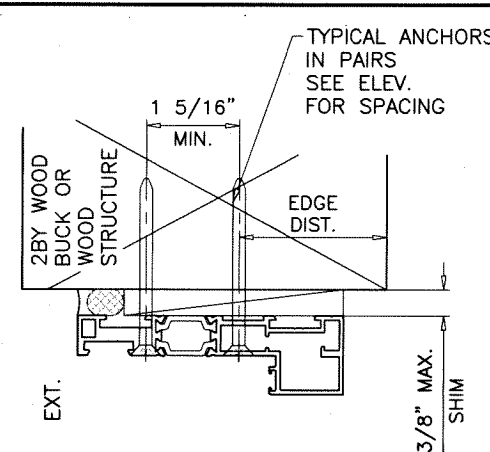
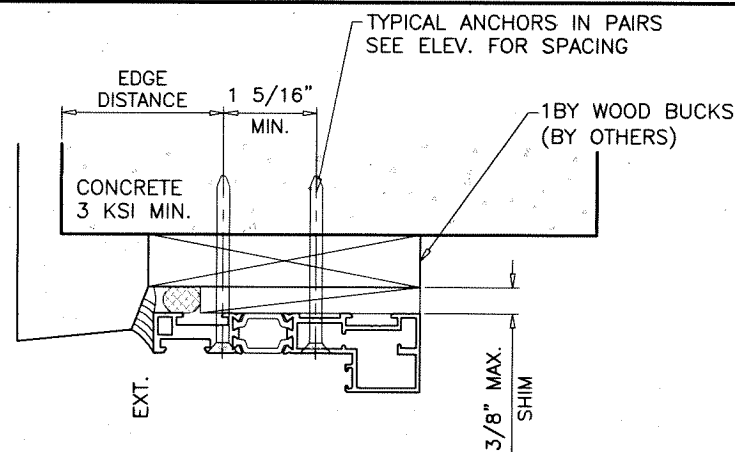
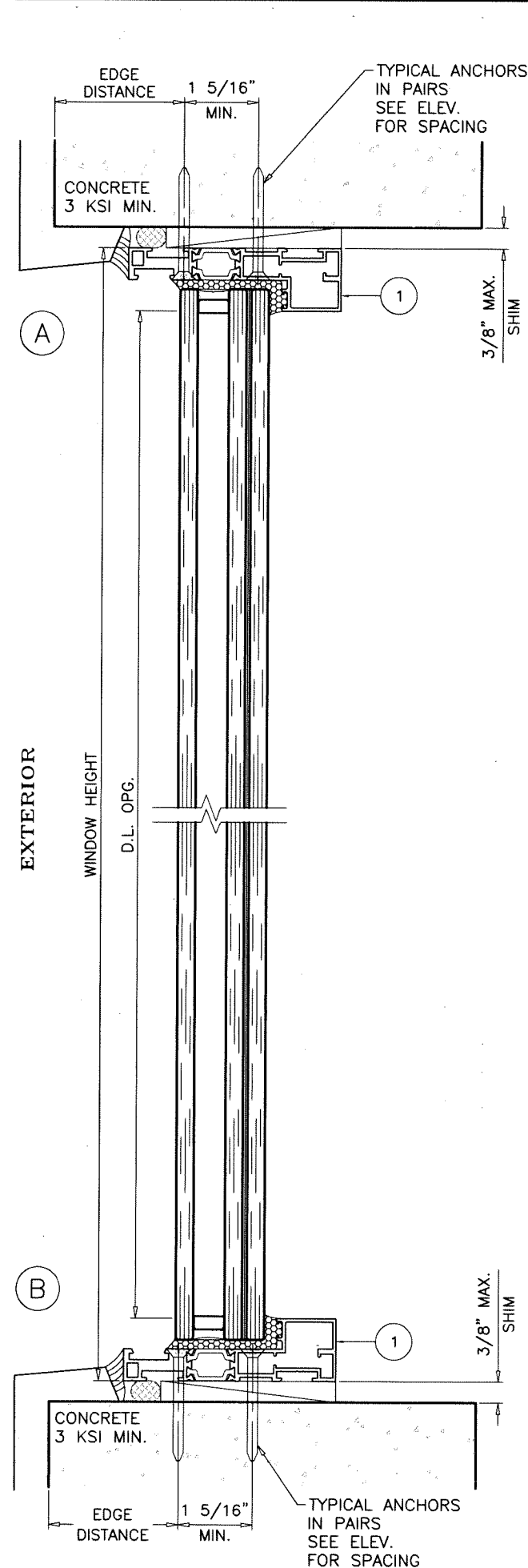


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date:	02-05/2026	scale:	N/A	dr.	by:	chk.	by:	drawing no.	26-04F
								sheet 2 of 7	



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRA-CON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

THRU 1BY WOOD 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)

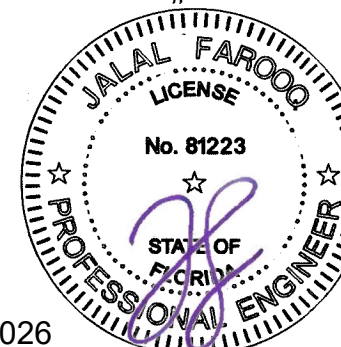
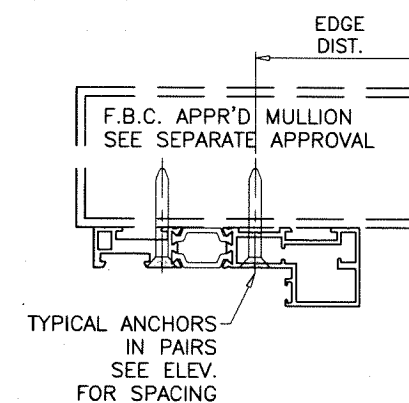
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO F.B.C. APPROVED MULLIONS
AND
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. (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, 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.



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scale: 4.5"=1'-0"
dr. by: Cindy R.
chk. by:

drawing no.
26-04F
sheet 3 of 7

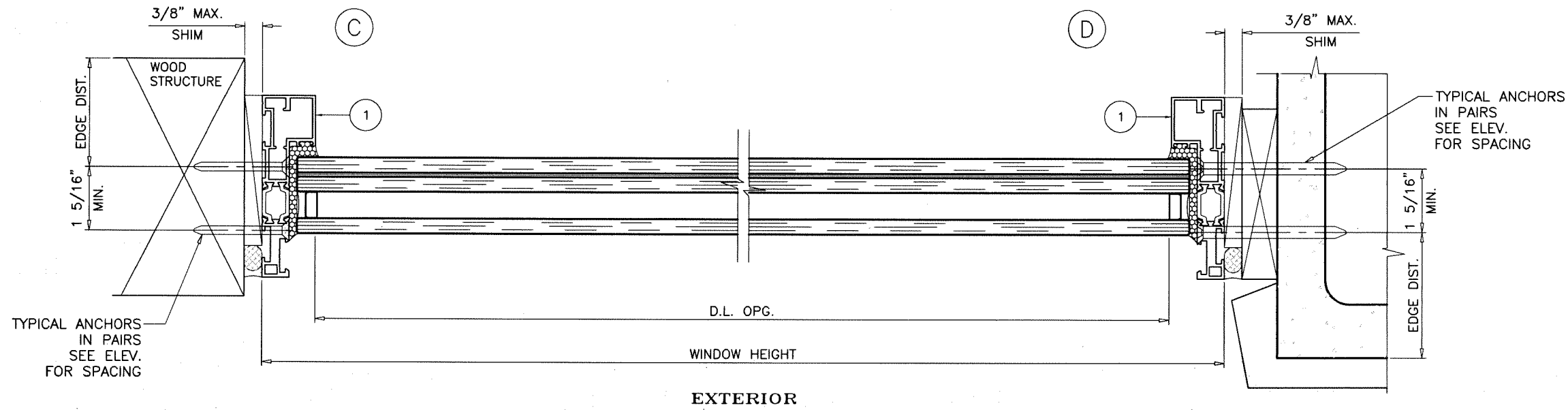
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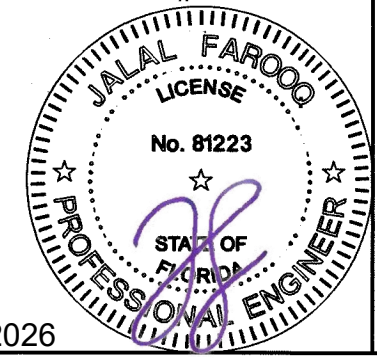
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sheet 4 of 7

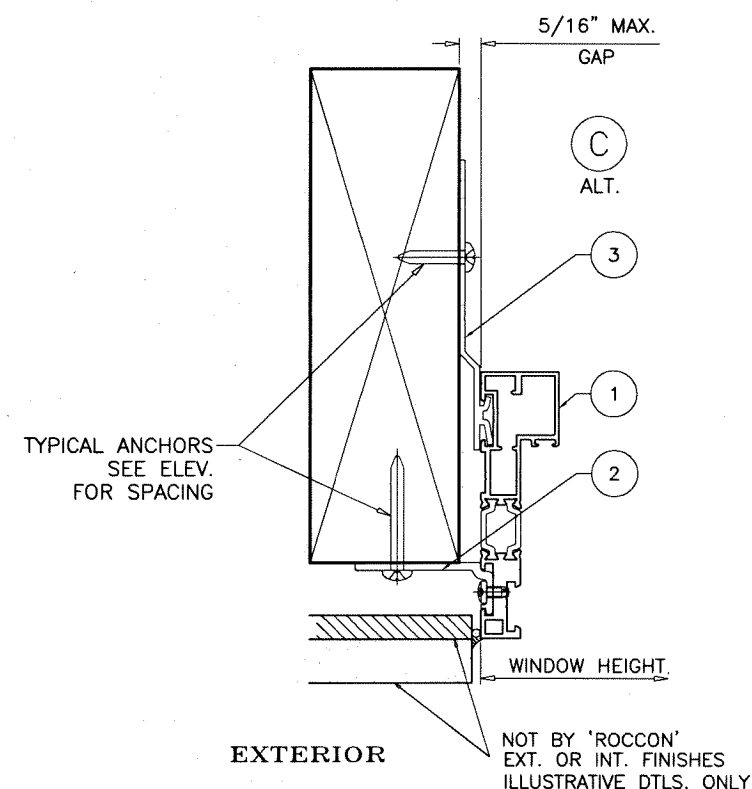
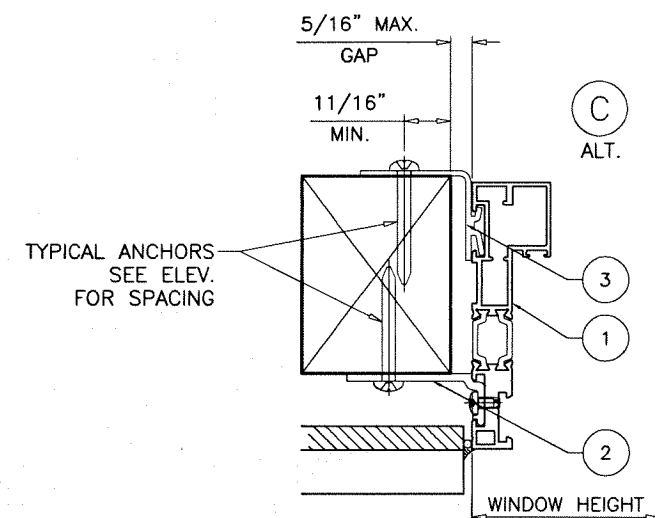
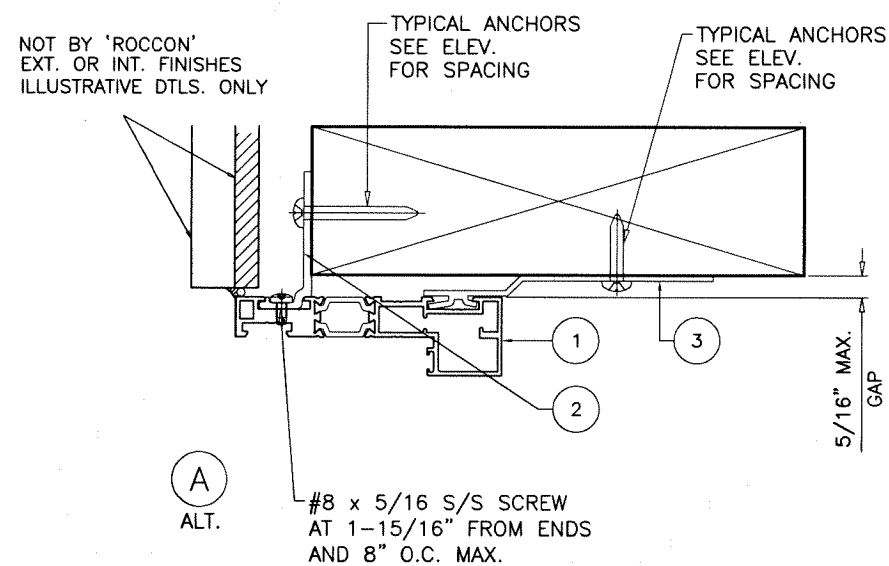
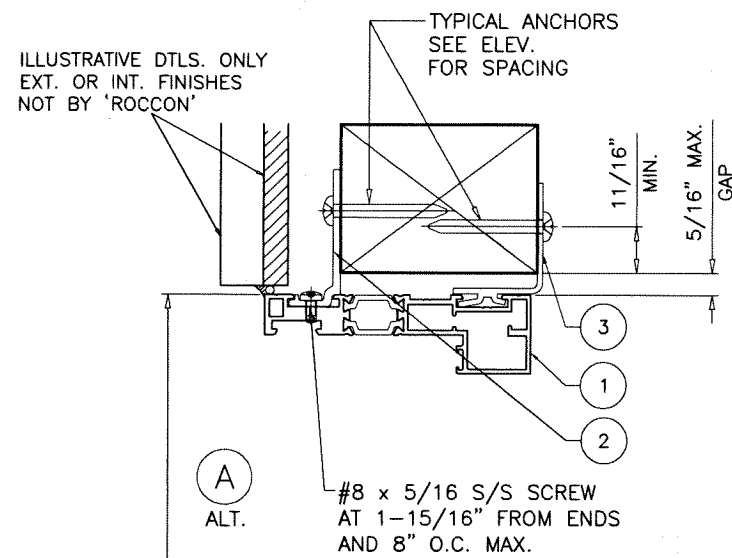


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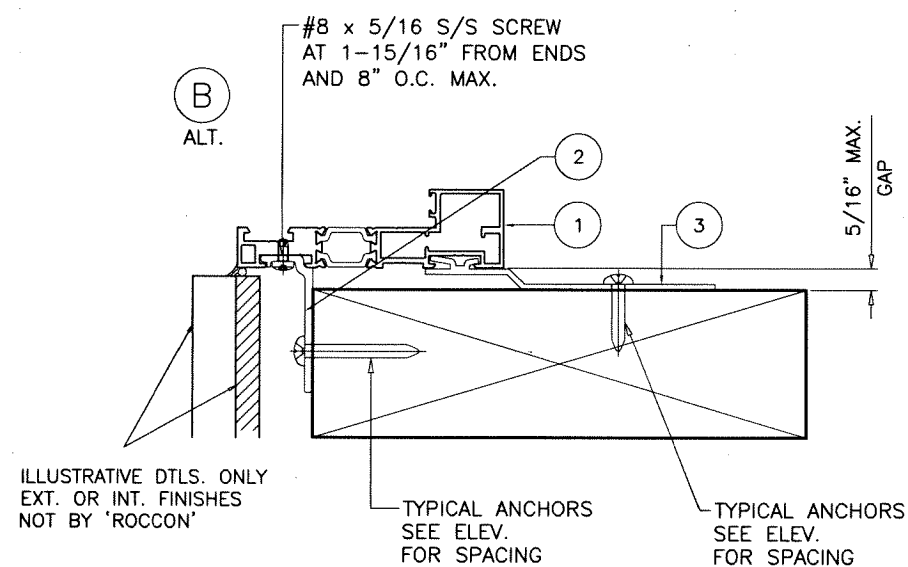
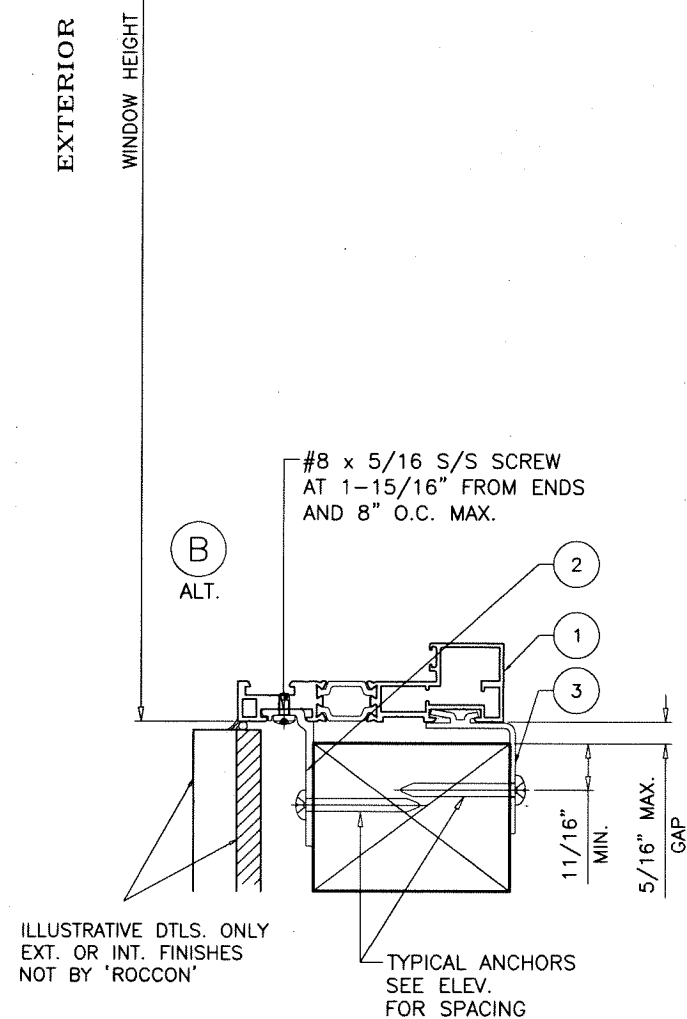
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26-04F



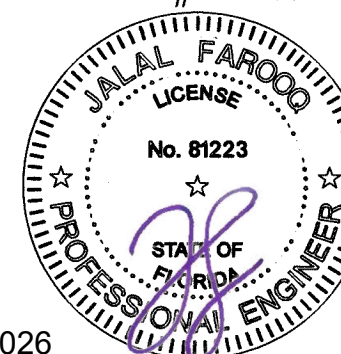
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 WOOD SCREWS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD



INSTALLATION DETAILS WITH NAIL FIN
SEE SHEETS 3 & 4 FOR WINDOW DETAILS

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chk. by:					

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26-04F
sheet **5** of **7**

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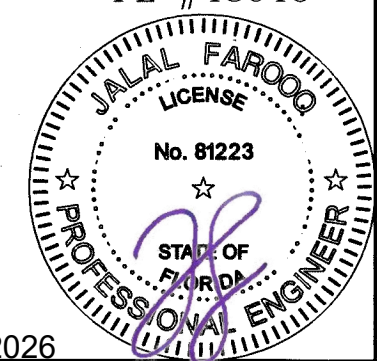
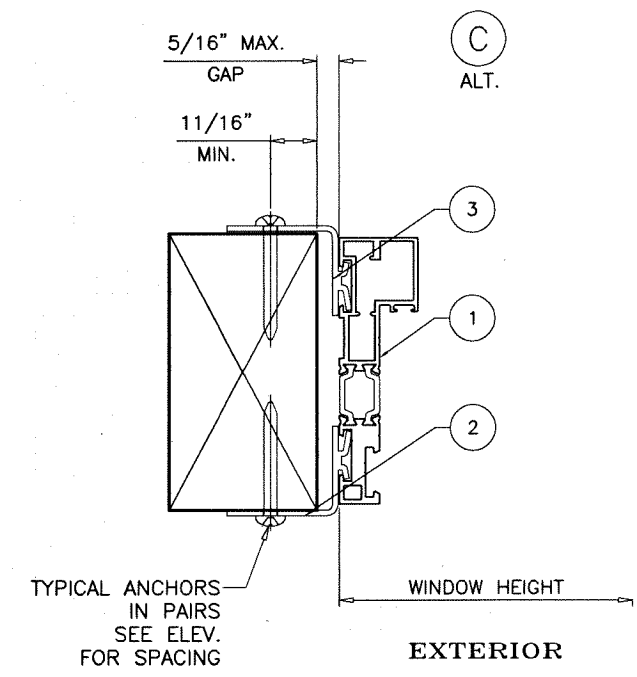
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WINDOW HEIGHT

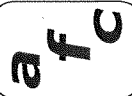


INSTALLATION DETAILS WITH STEEL STRAPS
SEE SHEETS 3 & 4 FOR WINDOW DETAILS

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
#14 WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD



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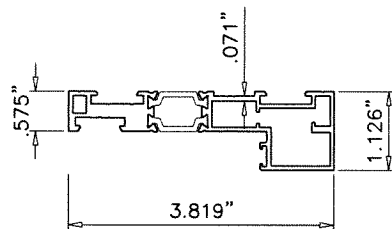
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chk. by:

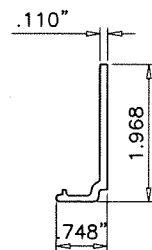
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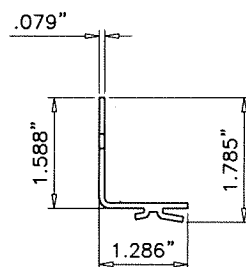
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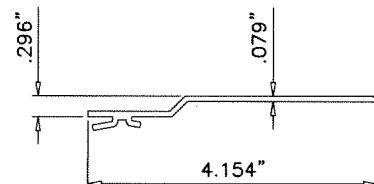
1 FRAME HEAD/SILL/JAMB



2 NAIL-FIN



3 NAILING STRAP



4 NAILING STRAP

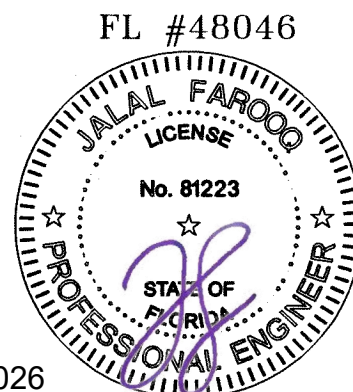
INSULBARS

MATERIAL = POLYAMIDE
TENSILE STRENGTH = 13031 PSI
RATE OF BURN = .752 IN./MIN.
SELF IGNITION TEMP. = 793° F
FLASH IGNITION TEMP. = 781°C
SMOKE DENSITY = 1.63

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	8030858	AS REQD.	FRAME HEAD/SILL/JAMB	EN AW-6060 T6	-
2	8012842	AS REQD.	NAIL-FIN	EN AW-6060 T5	-
3	-	AS REQD.	NAILING STRAP	GALV. STEEL	-
4	-	AS REQD.	NAILING STRAP	GALV. STEEL	-
5	-	AS REQD.	GLAZING BEAD (OPTIONAL)	-	-
6	-	2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

SEALANT:

ALL FRAME JOINTS AND SEAMS SEALED WITH GENERAL PURPOSE SILICONE SEALANT.



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