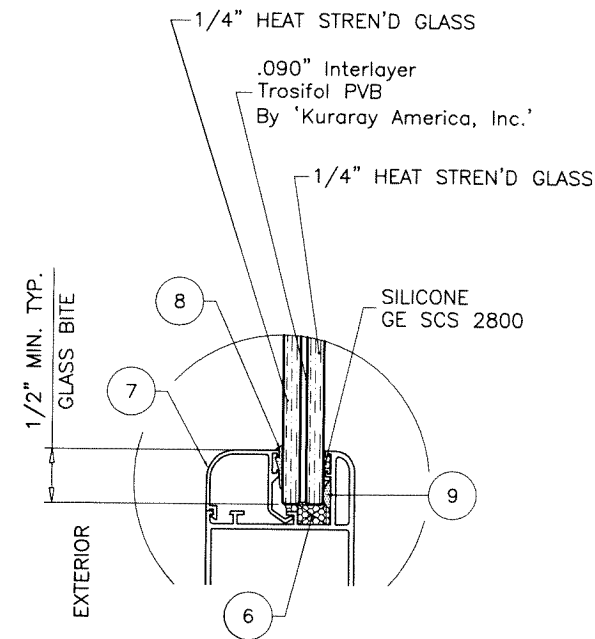
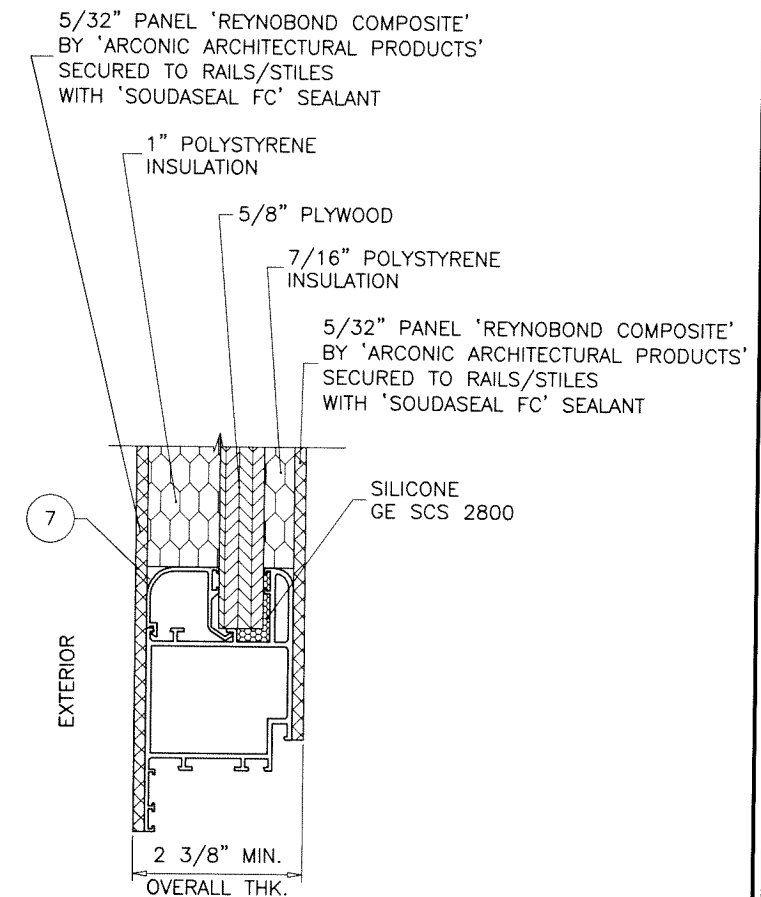




GLAZED DOOR
9/16" OVERALL LAM. GLASS



OPAQUE DOOR

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

ALUMINUM SINGLE OUTSWING ENTRANCE DOOR

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)'.

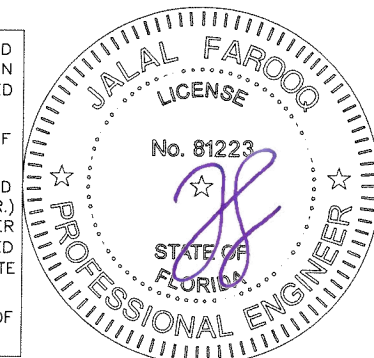
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS 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.

Sealed: 7/18/2023

FL #38773



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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)
COMP-ANL\21-37F-EII

ALUM SINGLE OUTSWING ENTRANCE DOOR (L.M.I.)

Eurotech Industries Inc.

4201 N.E. 12th Terrace

Oakland Park, Florida 33334

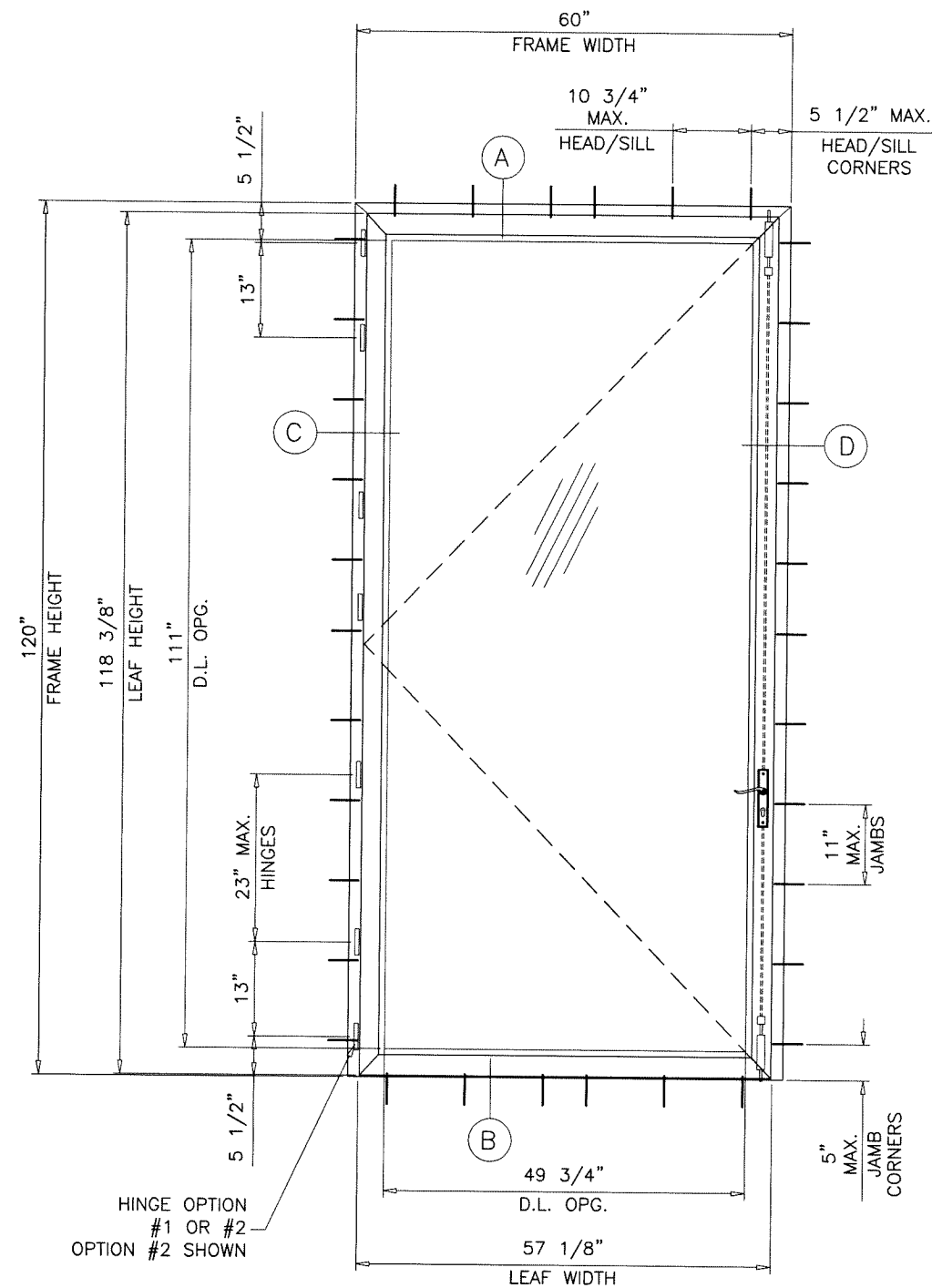
Tel. (954) 630-9967 Fax. (954) 630-0217

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chk. by:	

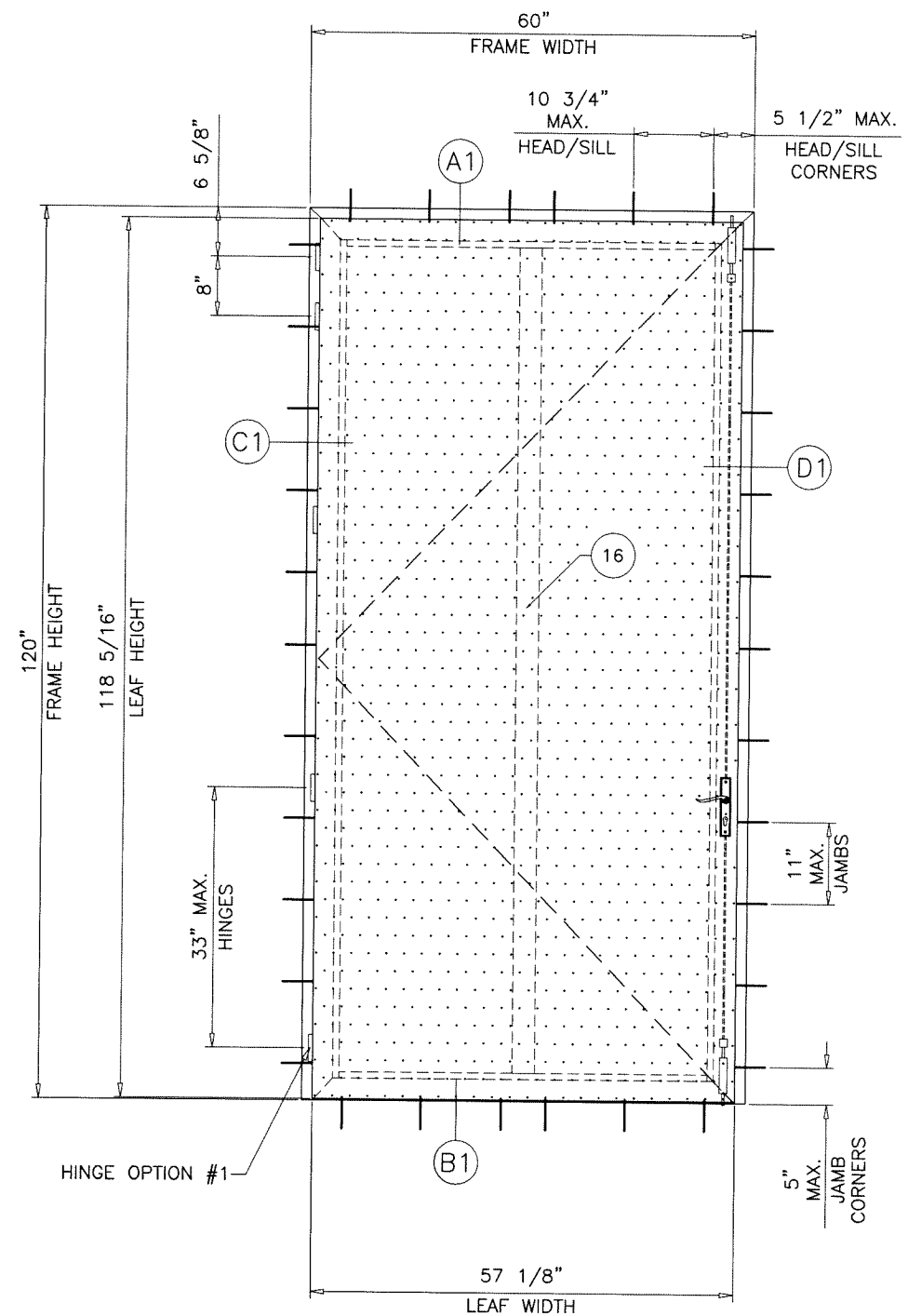
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GLASS D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH - 10.250"
D.L.O. HEIGHT = FRAME HEIGHT - 9.0"
DOOR LEAF HEIGHT = FRAME HEIGHT - 1.625"

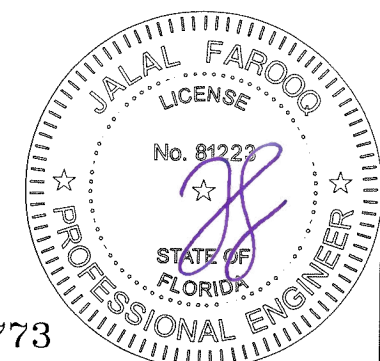
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



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MAXIMUM DESIGN LOAD RATING = + 45.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 45.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.



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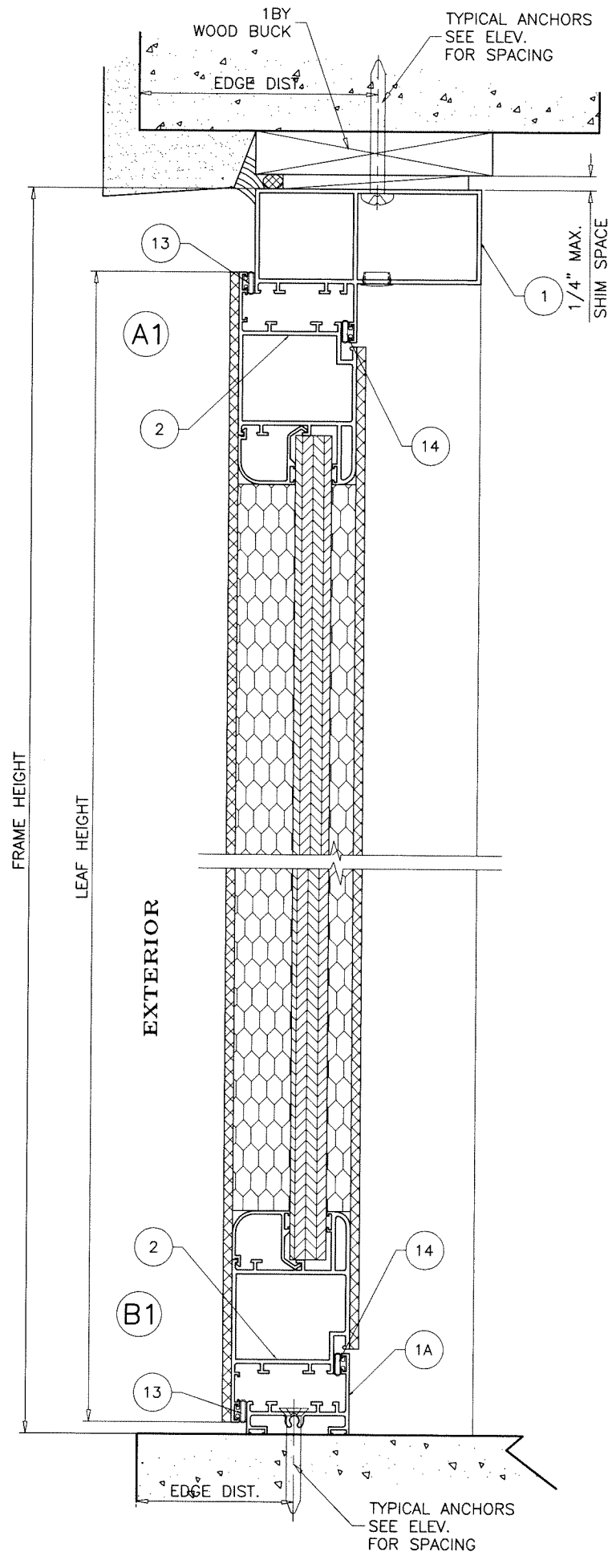
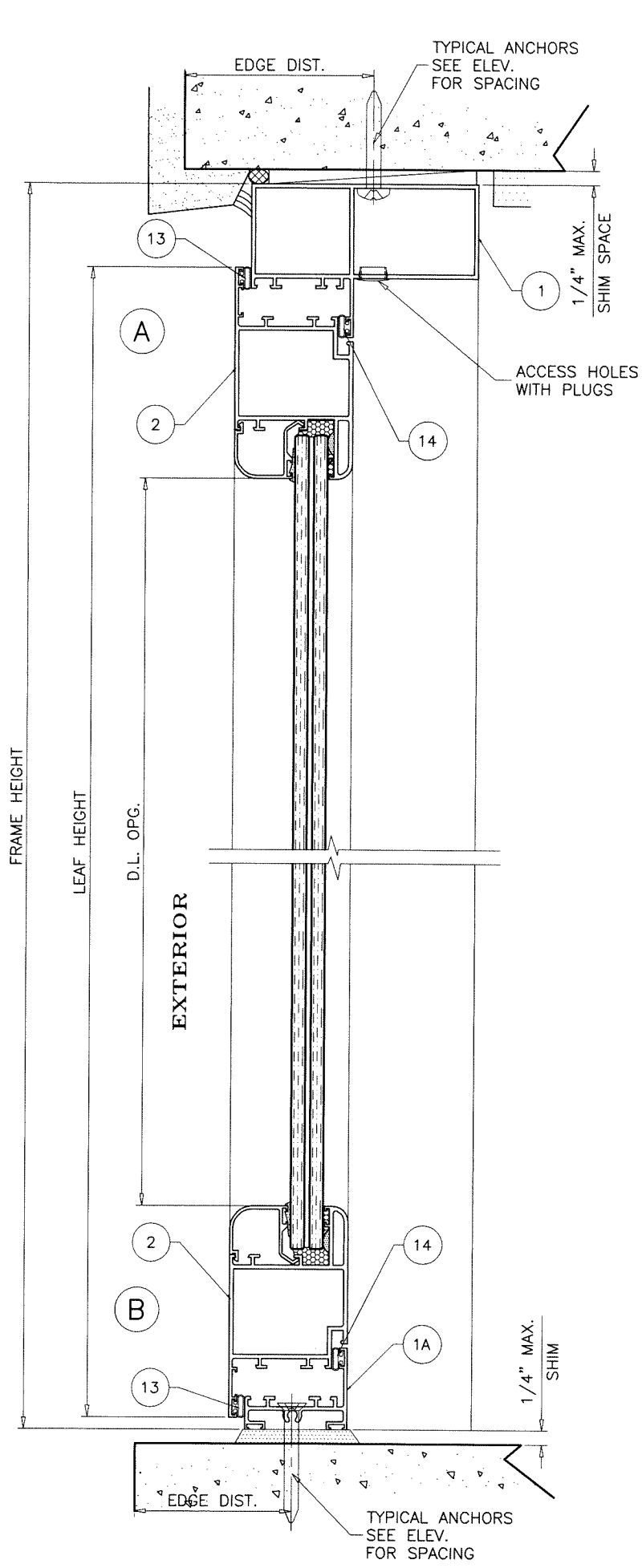
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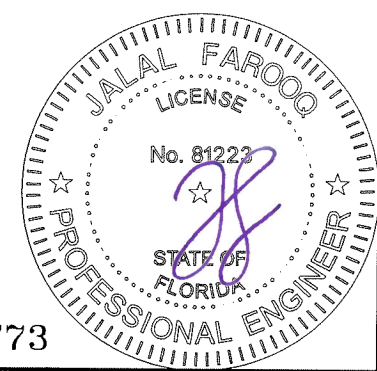
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chk. by:		

revisions:		
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chk. by:

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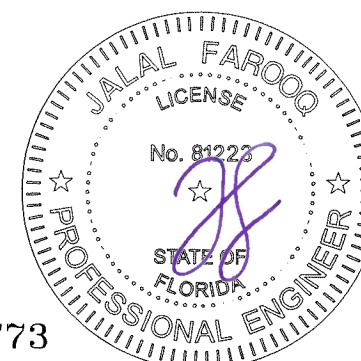
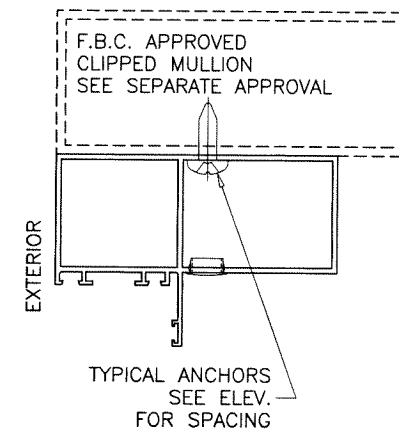
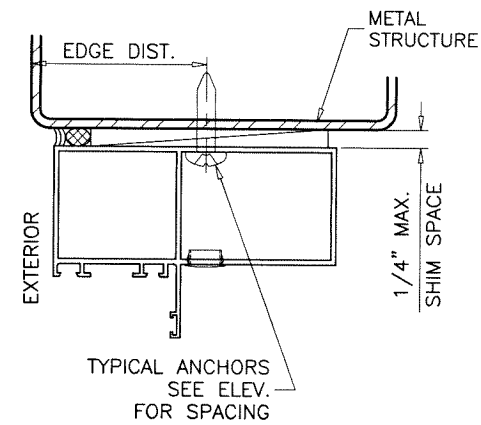
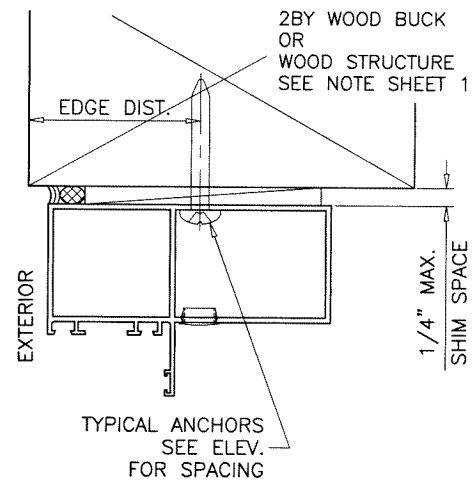
WOOD BUCKS AND METAL STRUCTURE NOT BY 'EUROTECH'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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/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/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.



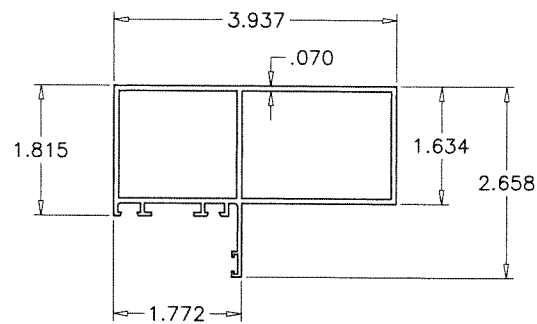
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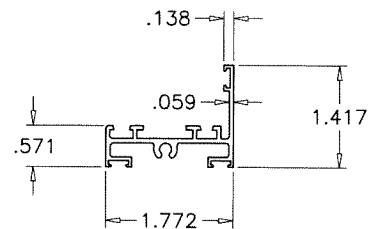
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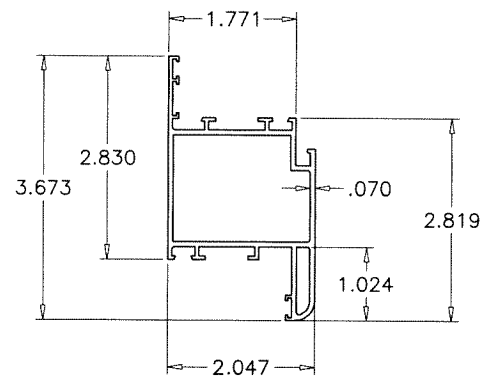
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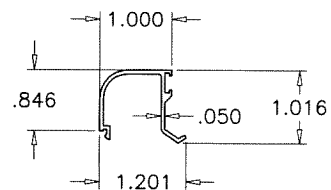
1 FRAME HEAD/JAMB



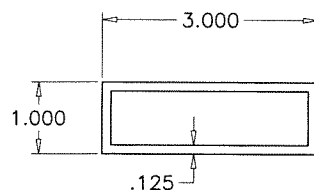
1A FRAME SILL



2 LEAF RAIL/STILE



7 GLAZING BEAD



16 REINF. TUBE

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER006	AS REQD.	FRAME HEAD/JAMB	6063-T6	-
1A	VZ-1483	AS REQD.	FRAME SILL	6063-T6	-
2	ER012	AS REQD.	LEAF RAIL/STILE	6063-T6	-
6	-	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
7	VZ-1535	4/ LEAF	GLAZING BEAD	6063-T6	-
8	2801	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 75±5 SHORE A
9	-	AS REQD.	SILICONE SPACER	EPDM	-
10	1001/50	AS REQD.	CORNER KEY	ALUMINUM	MONTICELLO
11	-	AS REQD.	HINGES	ALUMINUM	GIESSE
11A	-	1/ HINGE	FIXING PLATE AT FRAME JAMB	STEEL	.537" X .071" X 3.665" LONG
11B	-	1/ HINGE	FIXING PLATE AT HINGE STILE	STEEL	.452" X .071" X 1.728" LONG
12	-	6/ HINGE	HINGE INSTALLATION SCREWS	-	-
13	03030	AS REQD.	BULB W'STRIPPING AT LEAF	-	-
14	03017	AS REQD.	BULB W'STRIPPING AT FRAME	-	-
15	#10 X 2"	-	FRAME ASSEMBLY SCREWS	-	SMS
16	-	1	OPAQUE DOOR REINF. TUBE	6063-T6	-

SEALANTS:

ALL FRAME AND LEAF CORNERS AND JOINTS SEALED WITH SILGLAZE II SCS2800 SEALANT.

LOCKS:

THREE POINT MORTISE LOCK ASSEMBLY BY 'CISA'
SWING DEAD BOLT WITH LATCH ENGAGING AT FRAME JAMB
3/4" THROW BOLTS (1) AT TOP ENGAGING FRAME HEAD
AND (1) AT BOTTOM ENGAGING FRAME SILL
THROW BOLTS ATTACHED TO LOCK BY 3/8" CONNECTING RODS
LEVER HANDLE LOCATED AT 40" FROM BOTTOM
FASTENED TO LOCK STILE WITH (2) #8 X 3/8" FH SMS

ALUMINUM STRIKE PLATE BY 'CISA' FACING DEAD BOLT
(1" WIDE X .295" THK. X 9" LONG)
FASTENED TO FRAME JAMB WITH (2) #10 X 1" FH SMS

BULL FRONT BOLTS (PART #02180) ENGAGING FRAME,
ON INSIDE FACE OF LEAF STILE AT TOP AND BOTTOM
FASTENED WITH (4) #8 X 1-1/4" SCREWS.

HINGES:

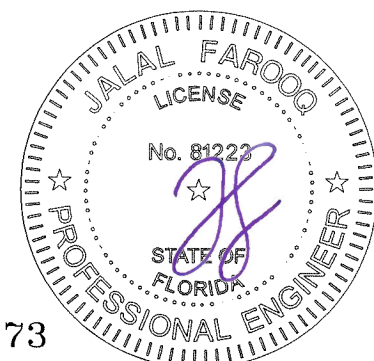
OPTION #1

TWO HANDED HINGE EXTRUDED ALUMINUM
FLASH XL BY 'GIESSE
5 HINGES PER LEAF
SEE ELEVATION FOR SPACING
HINGES FASTENED WITH
(3) #5 X 1/2" SCREWS AT HINGE STILE
(3) #5 X 1/2" SCREWS AT FRAME JAMB

OPTION #2

TWO HANDED COMB HINGE EXTRUDED ALUMINUM
BRIDGE 2 BY 'GIESSE
7 HINGES PER LEAF
SEE ELEVATION FOR SPACING
HINGES FASTENED WITH
(3) #5 X 1/2" SCREWS AT HINGE STILE
(3) #5 X 1/2" SCREWS AT FRAME JAMB

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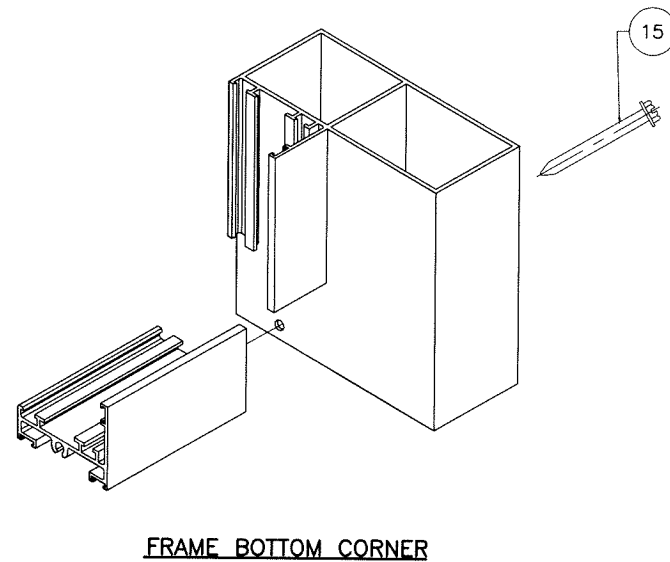
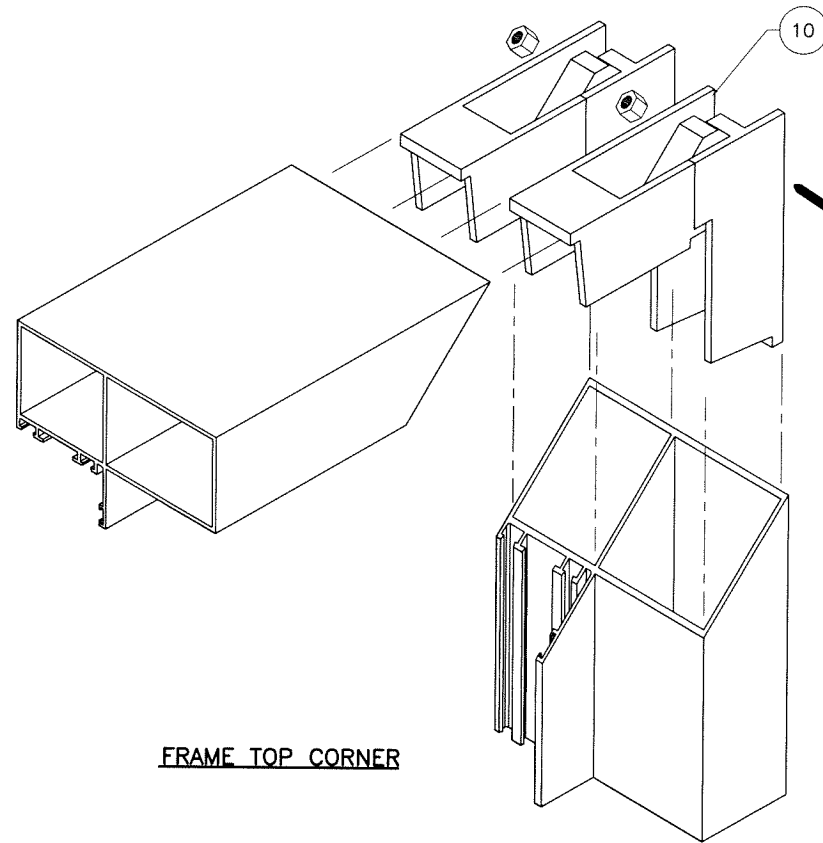
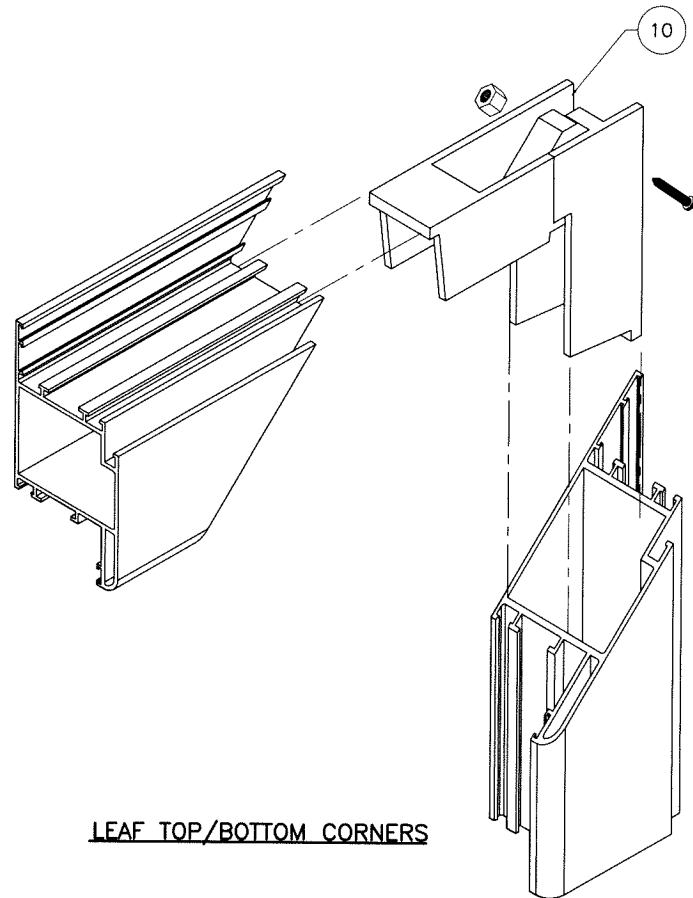
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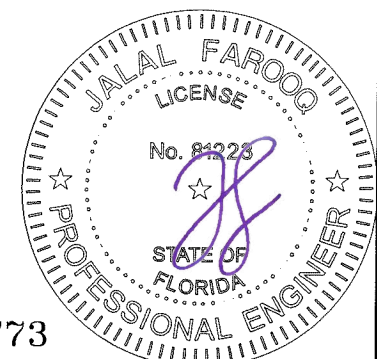
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