

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

STEEL SINGLE OUTSWING ENTRANCE DOOR

SEE SHEET 2 FOR DESIGN LOAD CAPACITY.

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.

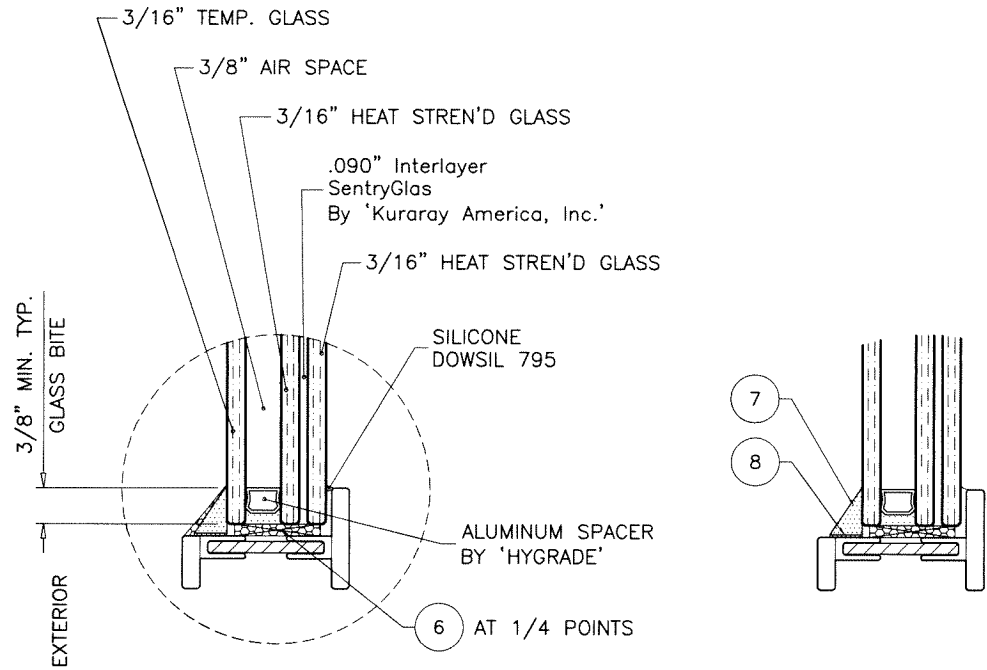
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.

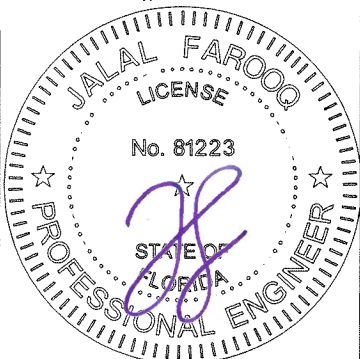


GLAZING DETAIL
1-1/16" OVERALL INSUL. LAM. GLASS

Sealed: 9/20/2023

FL #30270

- 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.



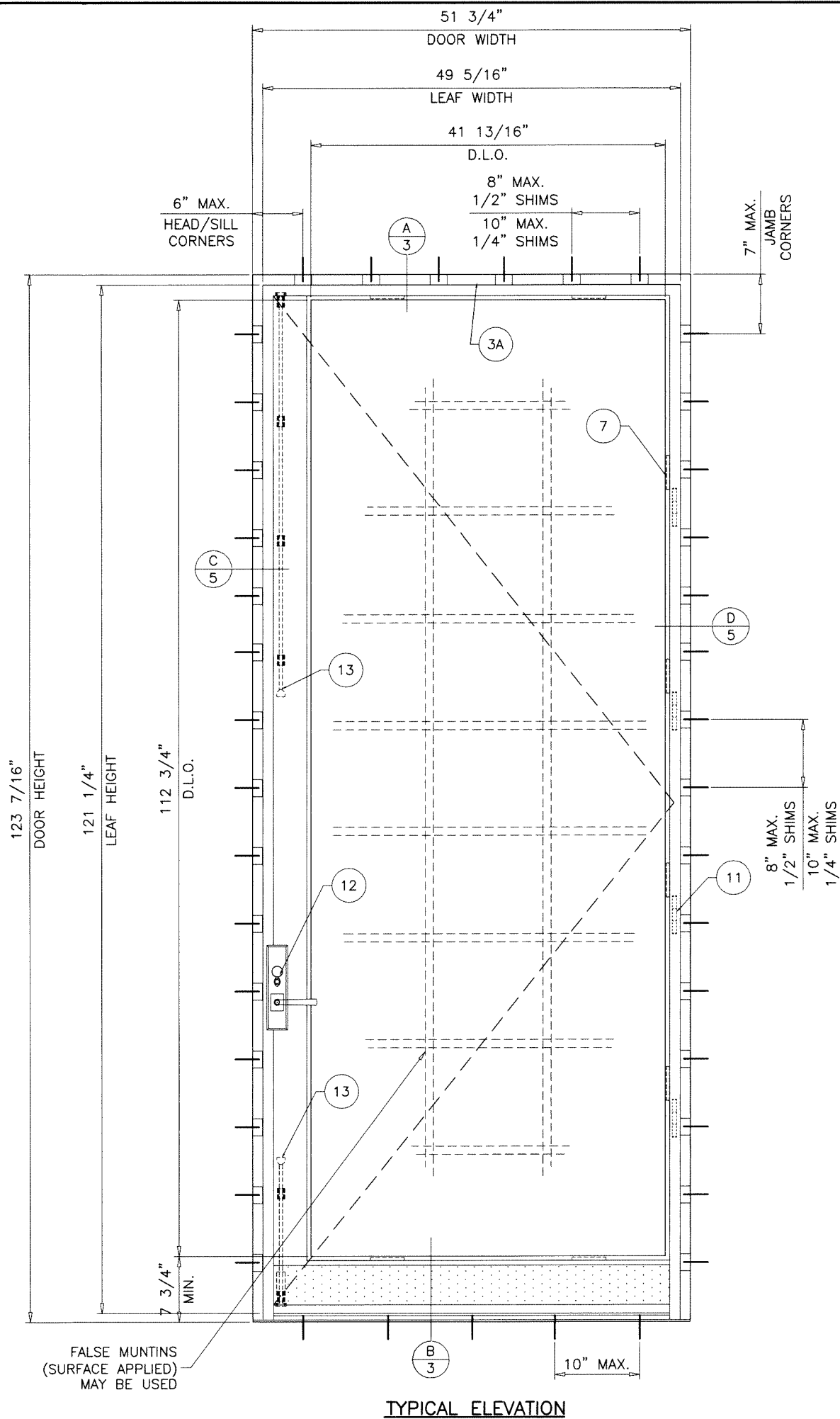
STEEL OUTSWING ENTRANCE DOOR (L.M.I.)

Riviera Bronze
1895 N. Ventura Ave.
Ventura, CA. 93001
Tel: (805) 653-1943 Fax: (805) 653-1942

revisions:		no		description	
date	by	no	date	description	by
07-21-22	A	09.06.23	1" = 1"	UPDATED TO 2023 FBC	
			dr. by: TARIQ		
			chk. by:		
drawing no.		22-23F			
sheet		1 of 6			

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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TYPICAL ELEVATION

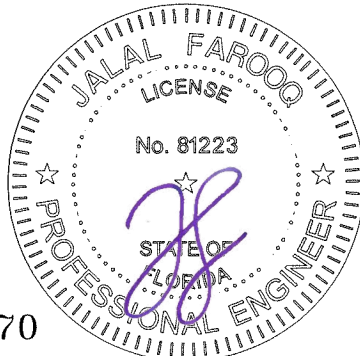
MAXIMUM DESIGN LOAD RATING = + 70.2 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 70.2 PSF
AS PERMITTED BY FBC REQUIREMENTS

NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

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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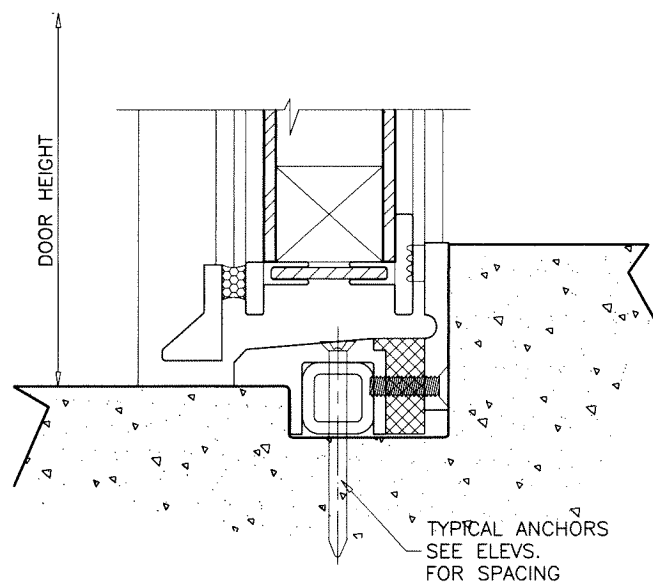
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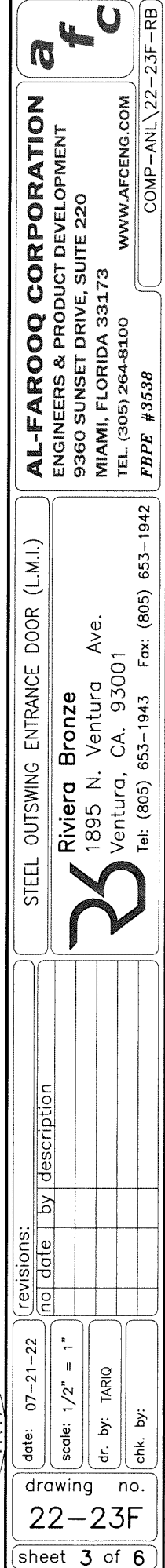
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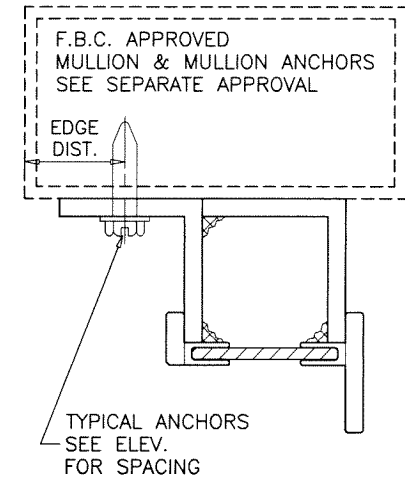
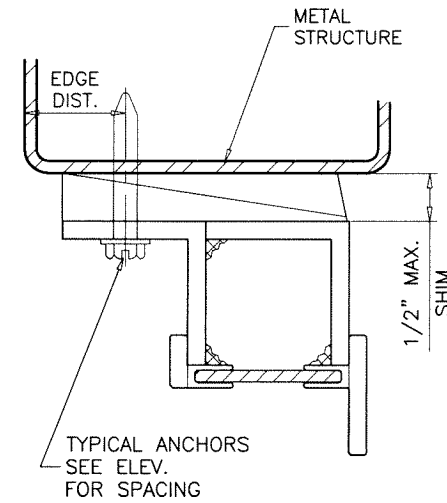
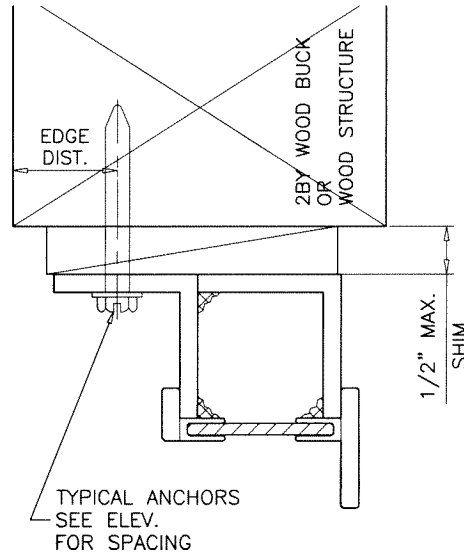
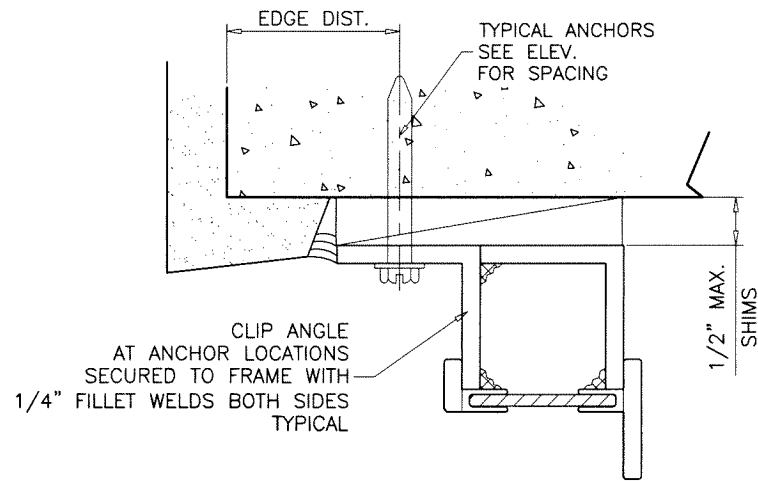
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EMBEDDED THRESHOLD (OPTIONAL)

FL #30270





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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
(LIMIT SHIMS TO 1/4" MAX. FOR TAPCON ANCHORS)

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/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)

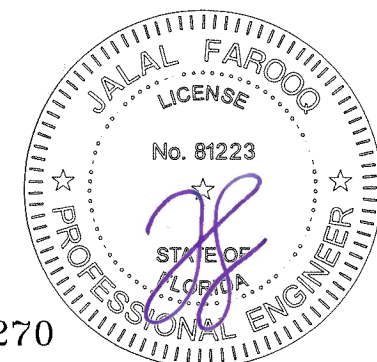
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
AND
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED 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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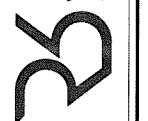
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COMP-ANL \ 22-23F-RB

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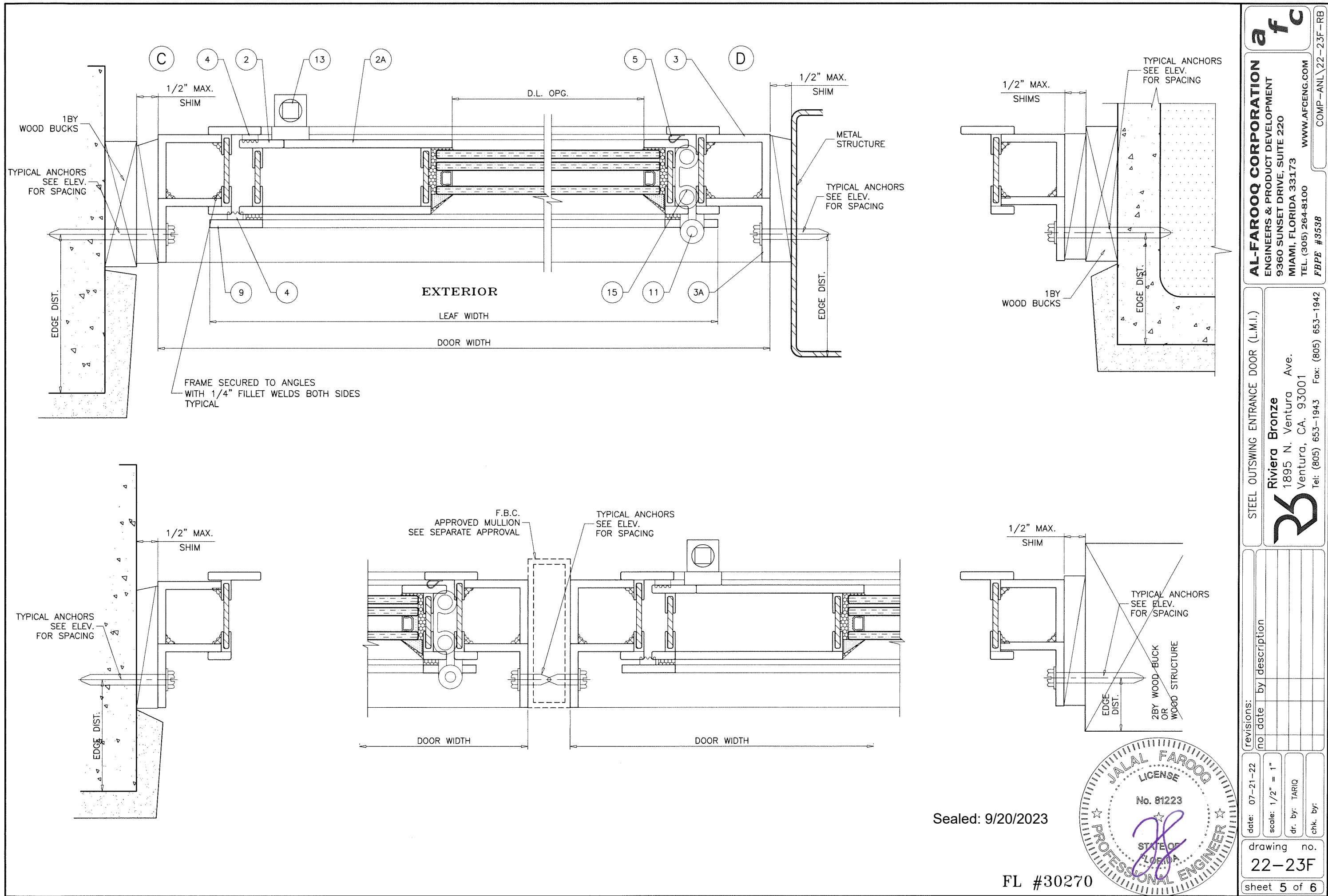
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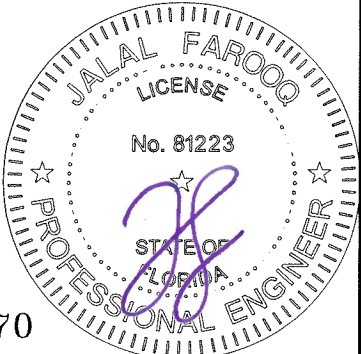
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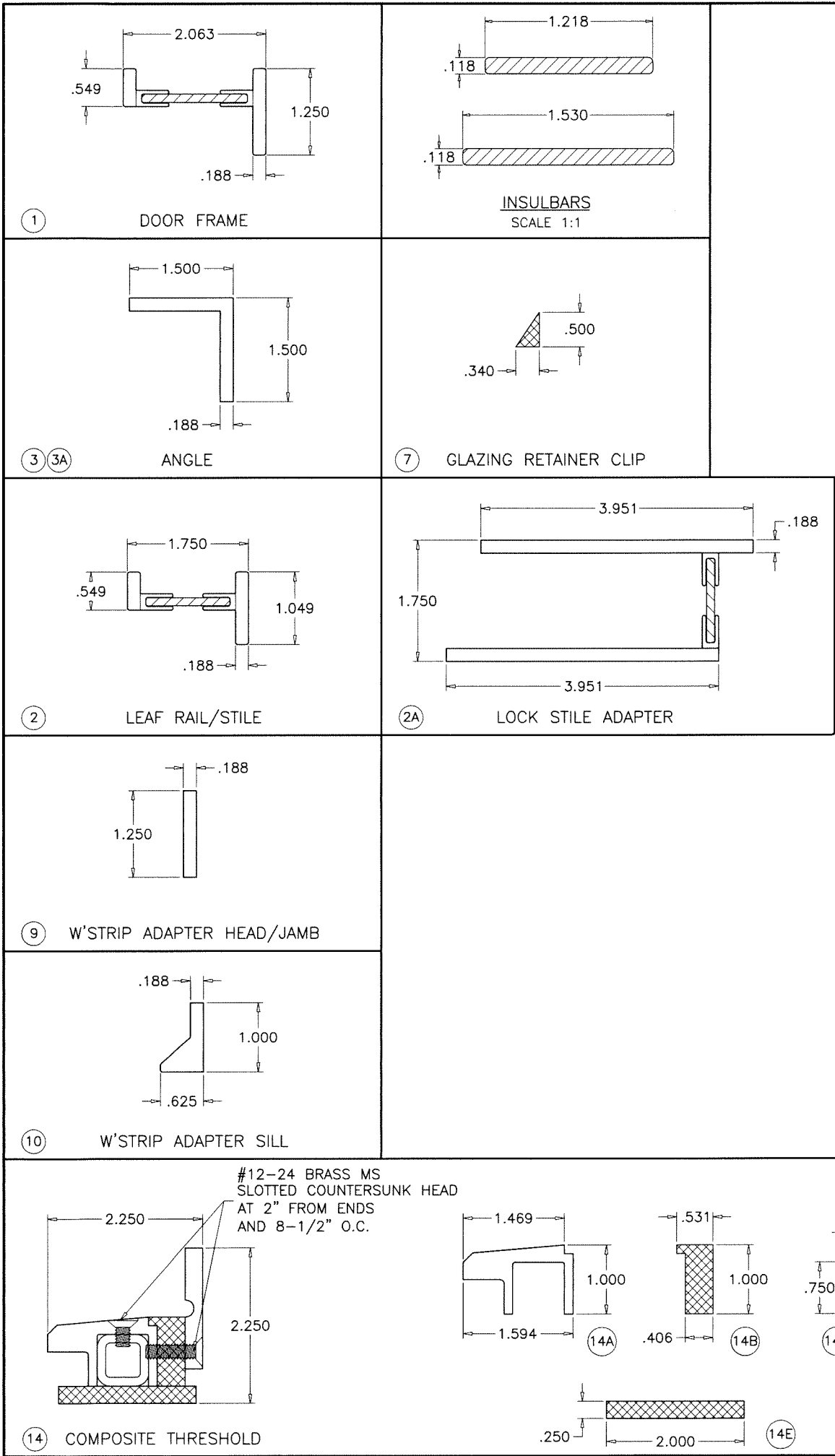
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ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	3/	DOOR	DOOR FRAME	ST. STEEL -
2	-	3/	LEAF	LEAF RAIL/STILE	ST. STEEL -
2A	-	1/	LEAF	LOCK STILE ADAPTER	ST. STEEL -
3	-	4/	WDW.	CONTINUOUS ANGLE	ST. STEEL -
3A	-	AS REQD.	CLIP ANGLE, 2" LONG AT ANCHOR LOCATIONS	ST. STEEL -	
4	X113HT	AS REQD.	LEAF W'STRIPPING	VINYL	-
5	-	AS REQD.	FRAME BULB W'STRIPPING	VINYL	PEMCO PK88
6	-	2/	LITE	SETTING BLOCKS, AT 1/4 POINTS	EPDM DUROMETER 80±5 SHORE A
7	-	AS REQD.	GLAZING RETAINER CLIP, 4" LONG AT 24" O.C. MAX.	DELFIN	-
8	EA E-40FL	AS REQD.	EPOXY ADHESIVE	-	LOCTITE
9	-	AS REQD.	W'STRIP ADAPTER HEAD/JAMB	ST. STEEL	-
10	-	AS REQD.	W'STRIP ADAPTER SILL	ST. STEEL	-
11	-	4/	LEAF	HINGES, AT 24" FROM EACH END AND 24" O.C. MAX.	-
12	-	1/	LEAF	LATCH, AT 38-1/2" FROM BOTTOM	-
13	-	2/	LEAF	SURFACE BOLTS, AT 18" FROM SILL AND 51" FROM HEAD	-
14	-	1/	DOOR	COMPOSITE THRESHOLD	-
14A	-	1/	DOOR	EXTERIOR THRESHOLD	BRASS -
14B	-	1/	DOOR	THRESHOLD FILLER	GRP/DELFIN -
14C	-	1/	DOOR	THRESHOLD SUPPORT	STEEL -
14D	-	1/	DOOR	INTERIOR PLATE	BRASS -
14E	-	1/	DOOR	THRESHOLD BASE	GRP/DELFIN -
15	X1145HT	AS REQD.	W'STRIPPING	VINYL	-

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH DOWSIL 795 SILICONE.

WELDS:

ALL VERTICAL AND HORIZONTAL MEMBERS TO BE SECURED WITH WELDS PER AWS SPECIFICATIONS
WELDING ELECTRODE = ER70 MIN.

LOCKS:

ACCURATE MORTISE LOCK SERIES 9000 WITH 2-1/2" BACKSET
AT 38-1/2" FROM BOTTOM
SECURED TO ACTIVE LOCK STILE WITH
(2) #12-24 ST/ST MACHINE SCREWS
STRIKE PLATE FACING LOCK
SECURED TO INACTIVE STILE OR FRAME JAMB WITH
(2) #12-24 ST./ST. MACHINE SCREWS

CANE BOLTS BY 'RIVIERA BRONZE' AT TOP AND BOTTOM
OF LOCK STILE, GUIDES WELDED TO LEAF STILE
STRIKE PLATES FACING BOLTS SECURED TO FRAMES WITH
(2) #8-32 BRASS MACHINE SCREWS WITH SLOTTED COUNTERSUNK HEAD

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