

GLAZING DETAIL
1-1/4" OVERALL LAM. GLASS

SERIES 'SLIMPACT' OUTSWING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH 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 2017/2020 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 NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

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

DOORS LOAD CAPACITY - PSF							
SINGLE DOOR DIMS.		DOUBLE DOOR DIMS.		LEAF DIMS.		EXT.(+)	INT.(-)
WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		
62"	95-1/2"	122-1/4"	95-1/2"	60"	89-15/16"	90.0	90.0
50"	125-1/4"	98-1/4"	125-1/4"	48"	119-11/16"	90.0	90.0

SEE SHEET 3 FOR ANCHOR LIMITATIONS

Sealed: 10/21/2020

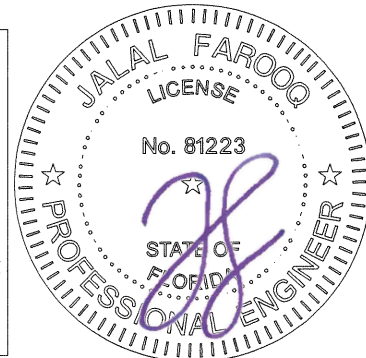
FL #25671

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.



SLIMPACT OUTSWING GLASS DOOR (L.M.I.)

Faour Glass Technologies

5119 West Knox Street

Tampa, FL 33634

Tel. (813) 884-3297 Fax. (-)

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

MIAMI, FLORIDA 33173

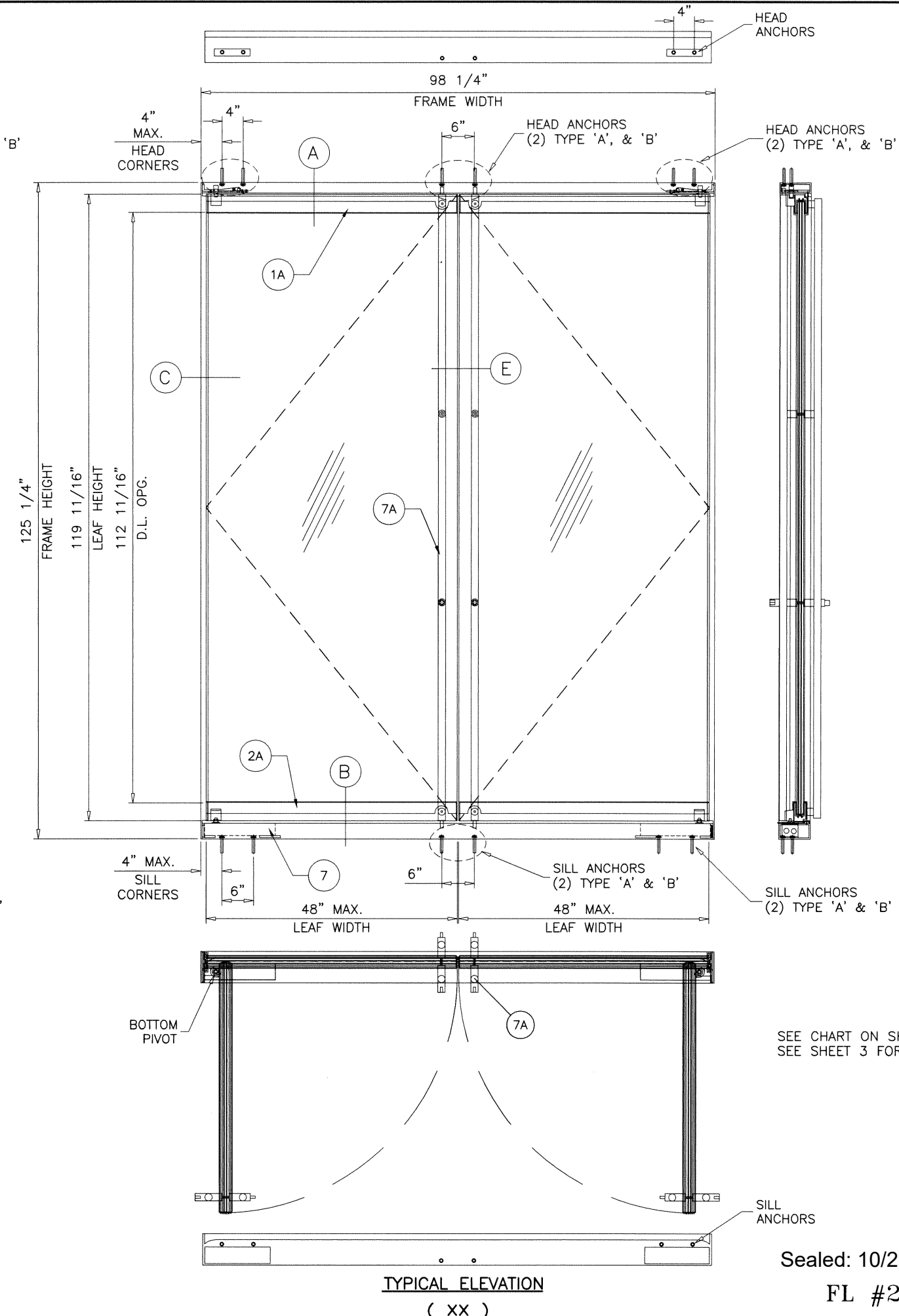
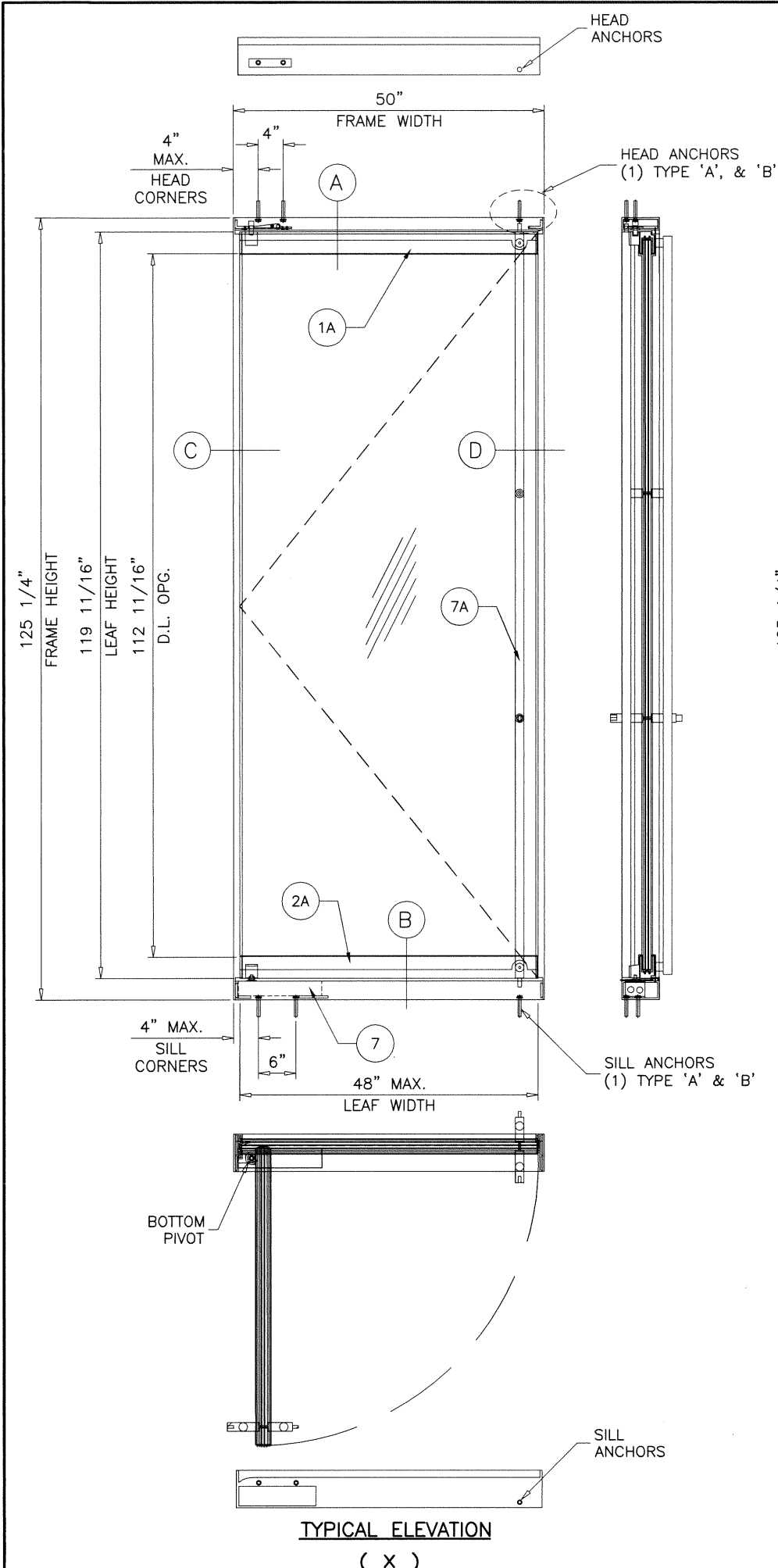
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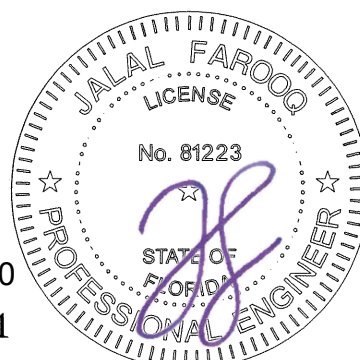
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COMP-ANL W17-99FCT

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scale:	3/8" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.				
	W17-99			
sheet	1 of 7			



SEE CHART ON SHEET 1 FOR MAX. DESIGN LOAD CAPACITY
SEE SHEET 3 FOR ANCHOR DESCRIPTIONS.



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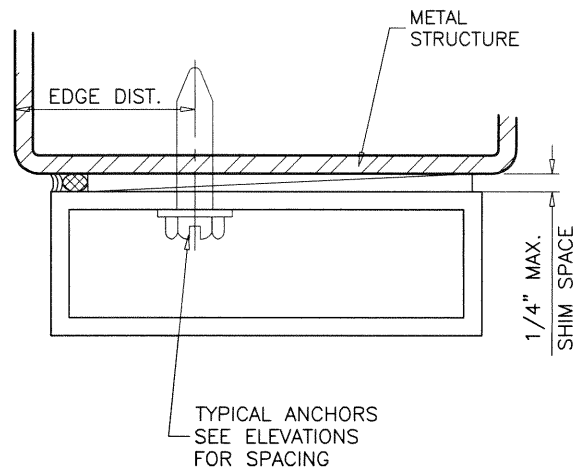
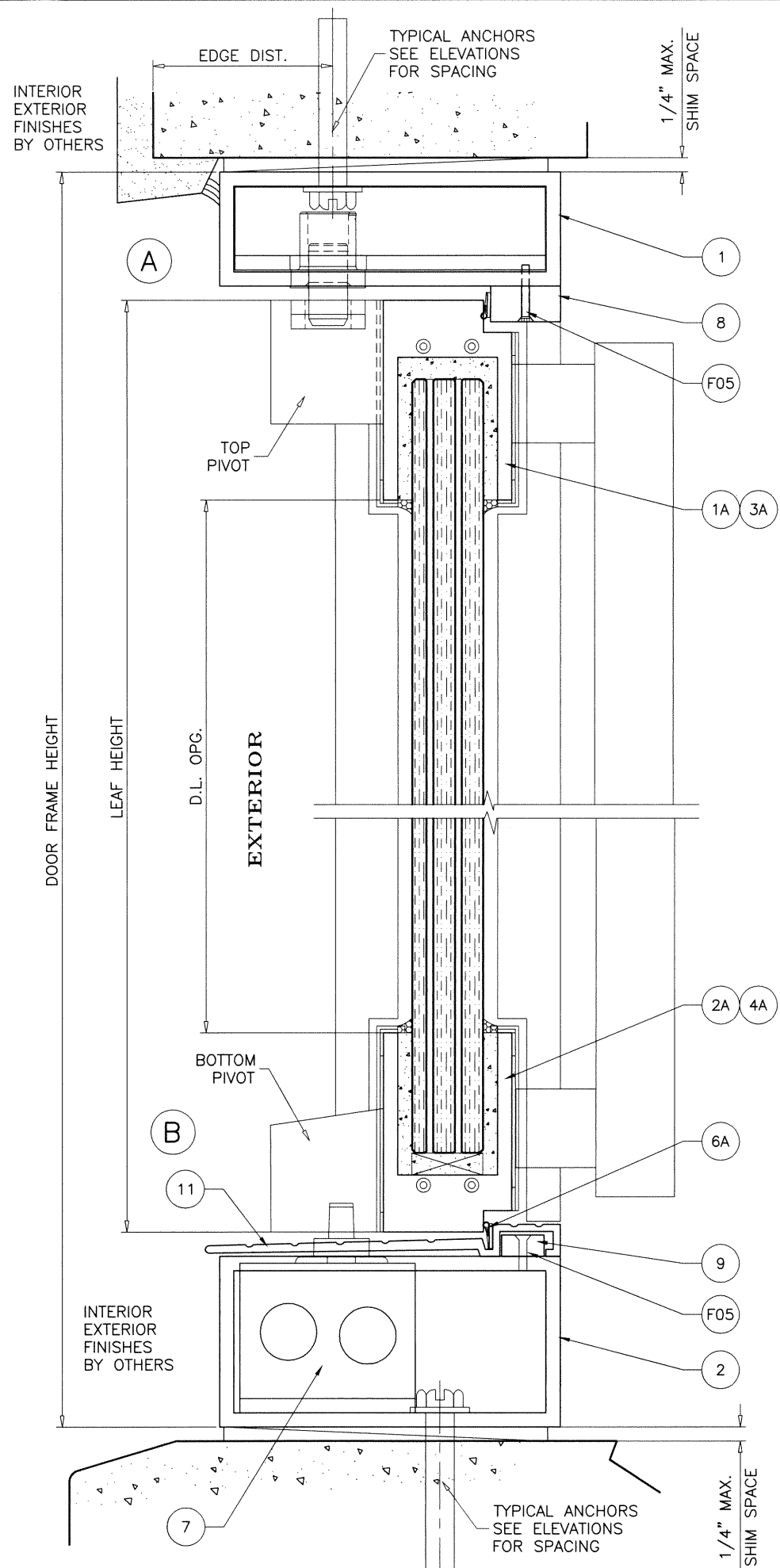
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W17-99

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TYPICAL ANCHORS:

ANCHOR 'A'

3/8" DIA. SCREW-BOLT+ BY 'DEWALT'

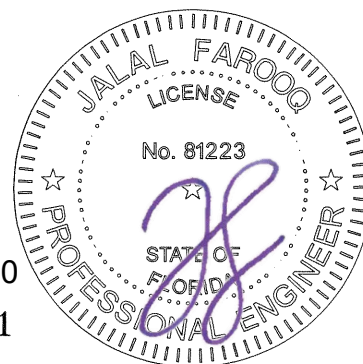
DIRECTLY INTO 3000 PSI MIN. CONCRETE
WITH 3-1/4" MIN. EMBED
4" MIN. TYPICAL EDGE DISTANCE

FOR LESSER EDGE DIST. REDUCE
MAX. DESIGN LOADS AS FOLLOWS
3-1/2" EDGE DIST. MAX. LOAD = 81.8 PSF

ANCHOR 'B'

3/8" DIA. TAP-FLEX BY 'DEWALT' (GRADE 5 CRS)

INTO METAL STRUCTURES
ALUMINUM: 1/4" THK. MIN. (6063-T5 MIN.)
STEEL: 1/4" THK. MIN. (F_y = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)



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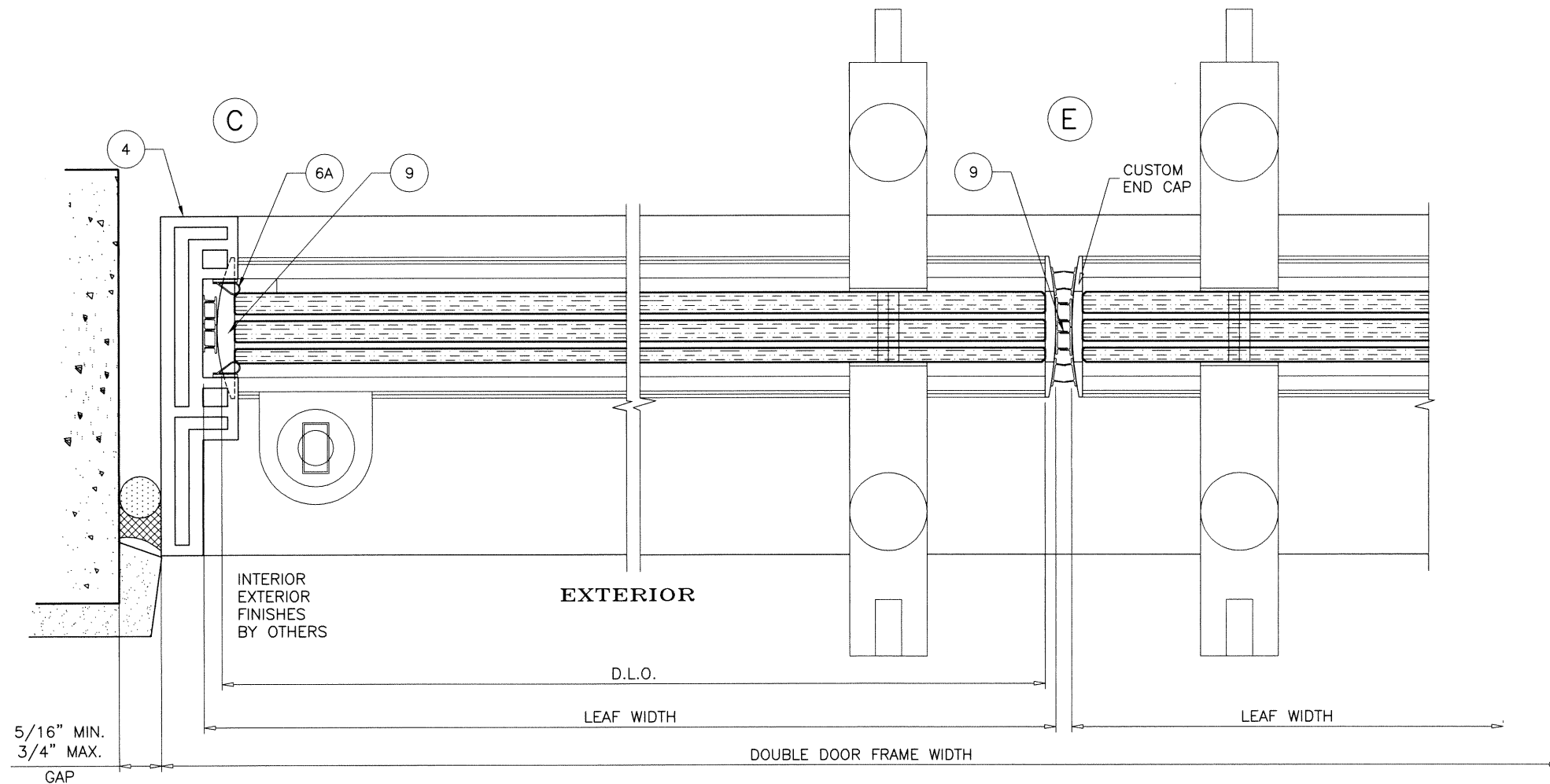
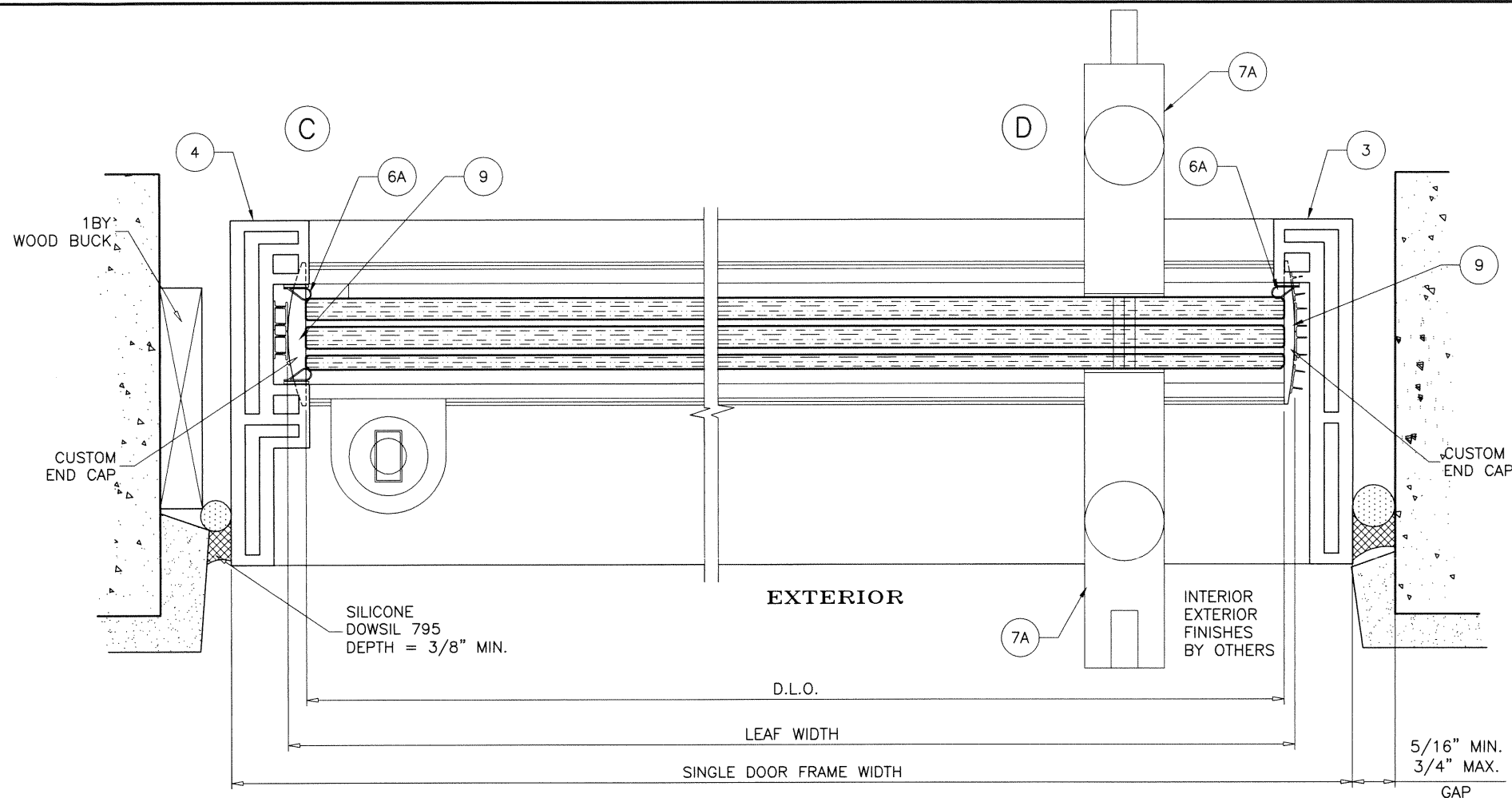
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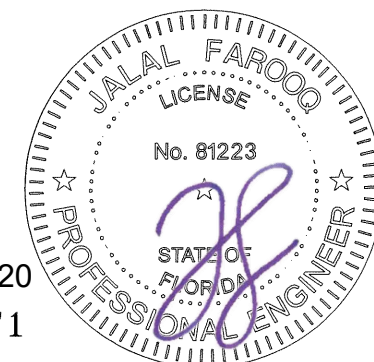
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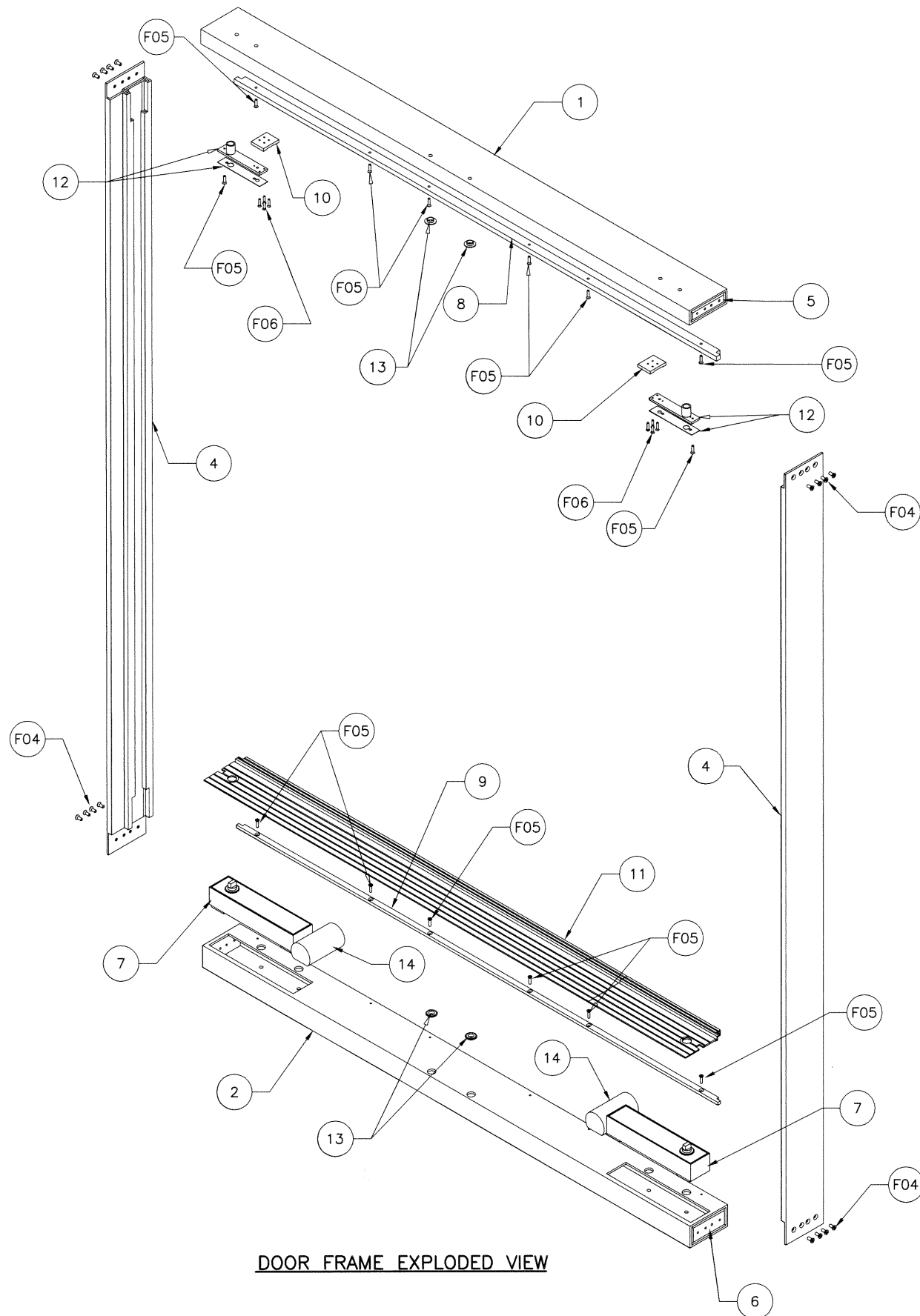
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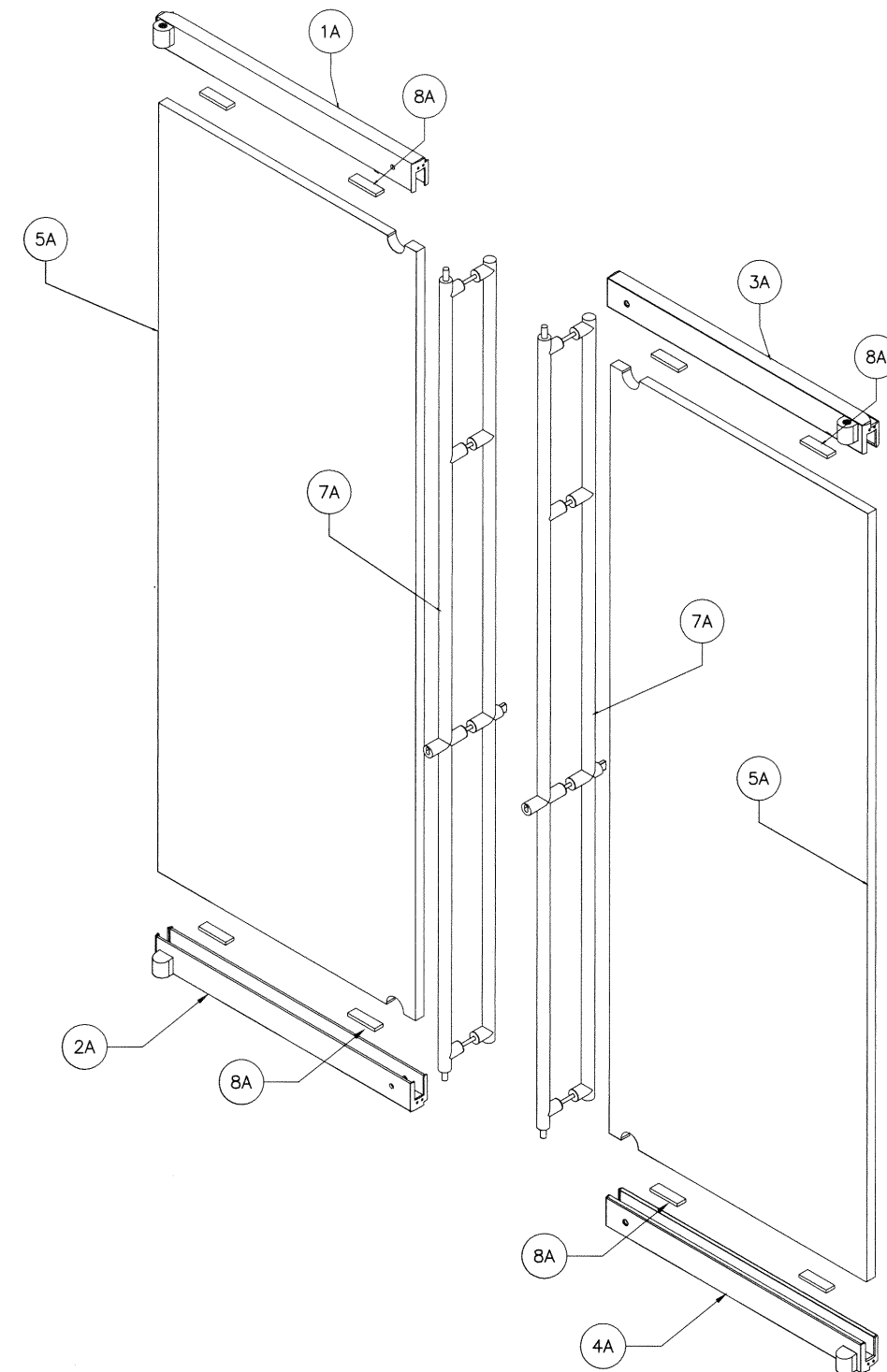
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sheet 4 of 7

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DOOR FRAME EXPLODED VIEW

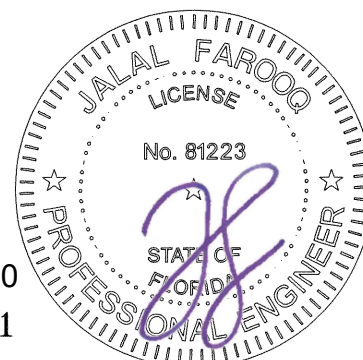
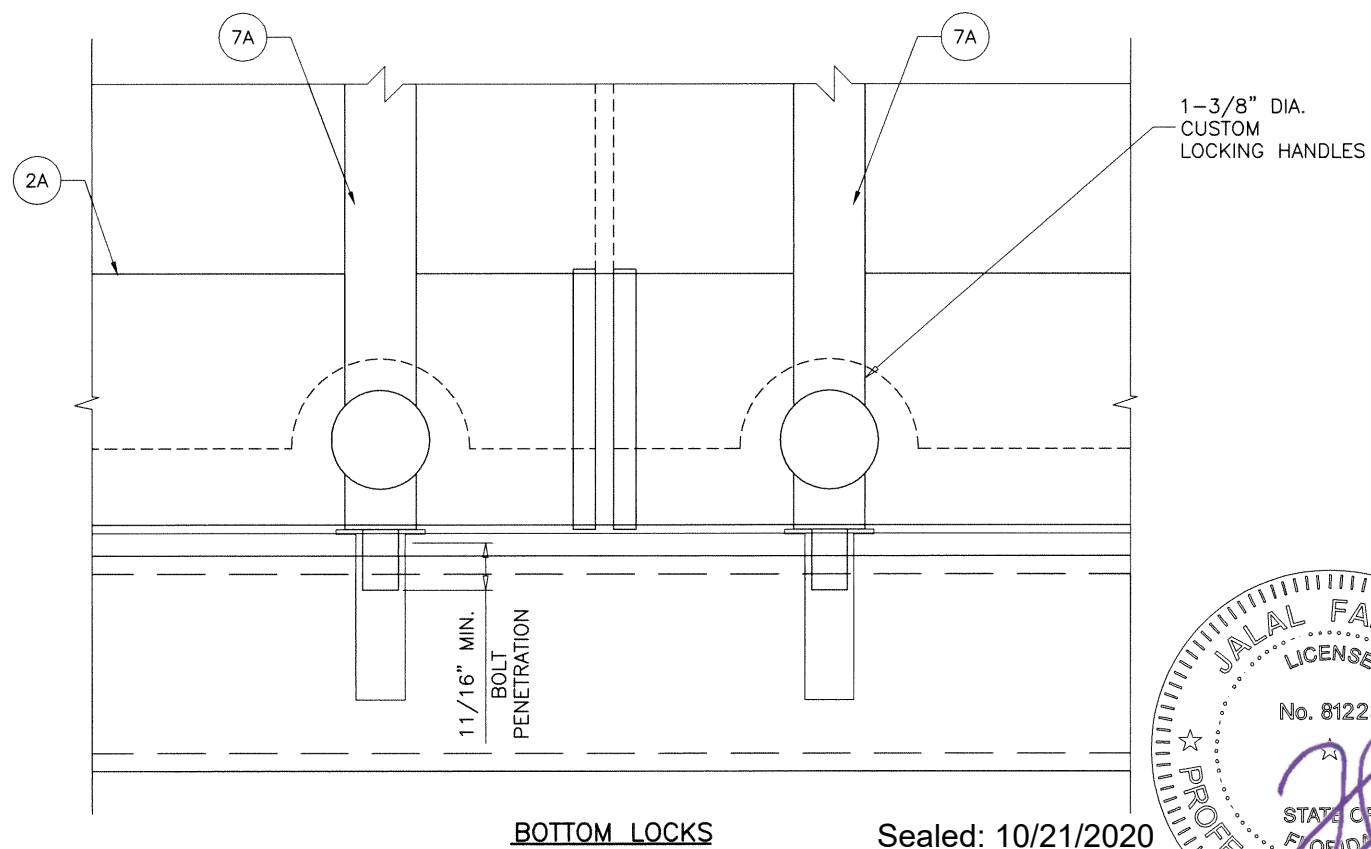
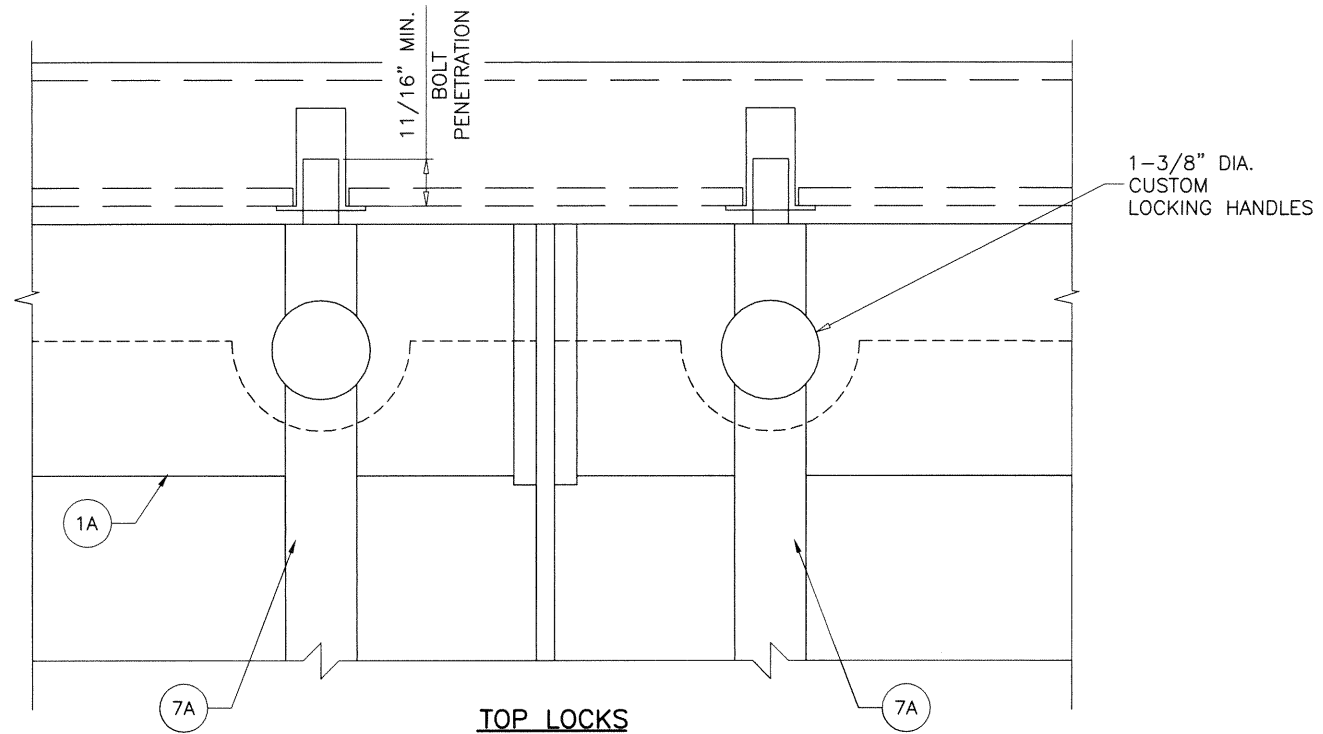
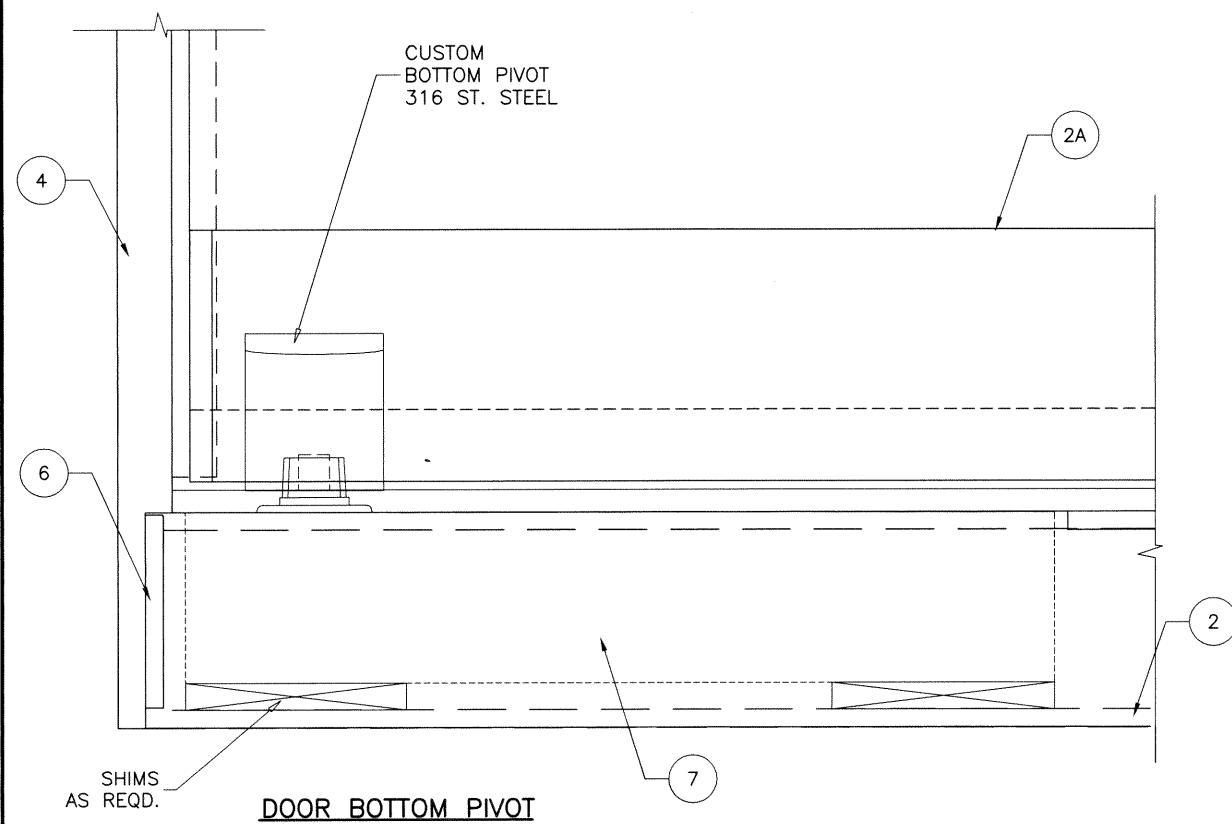
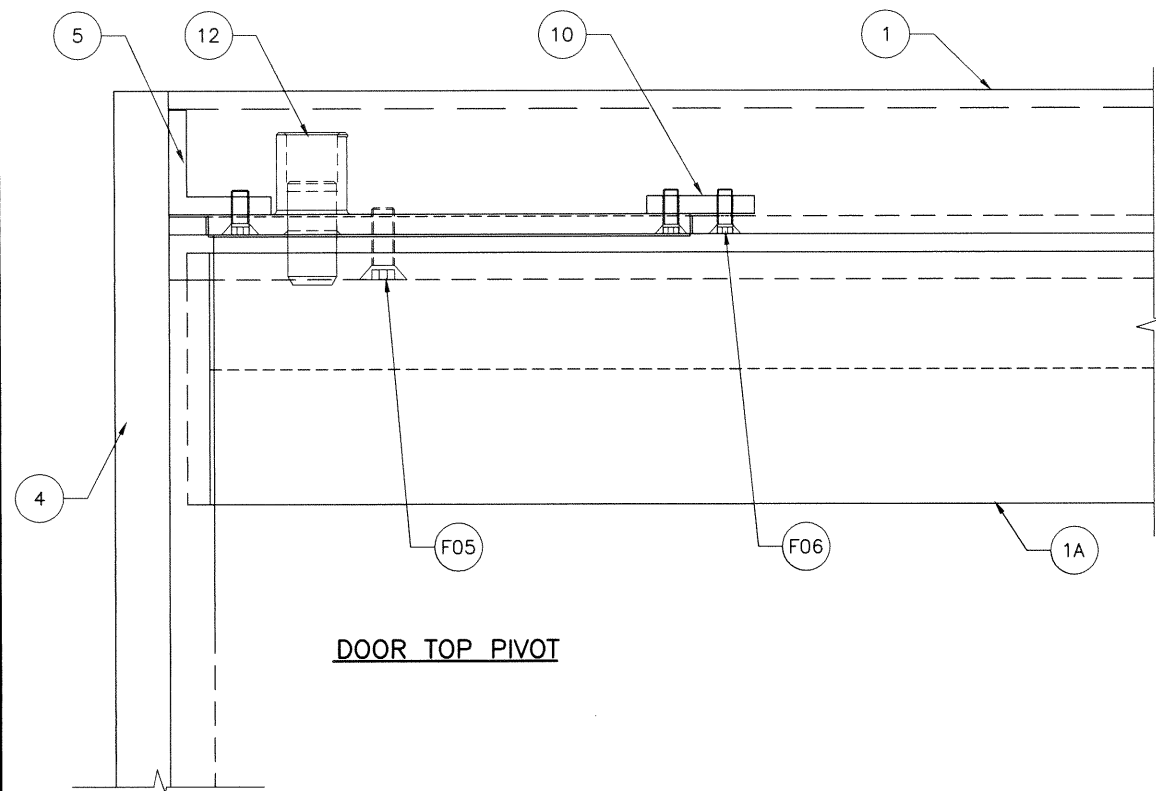


DOOR LEAF EXPLODED VIEW



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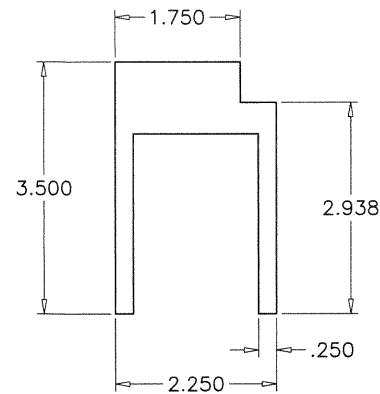
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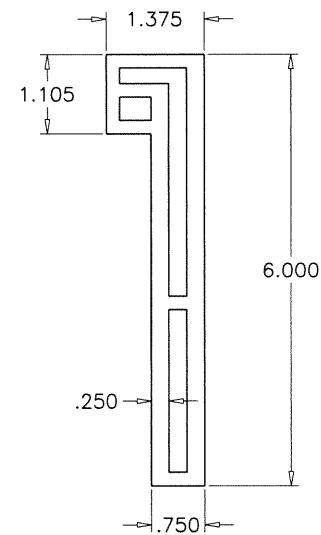
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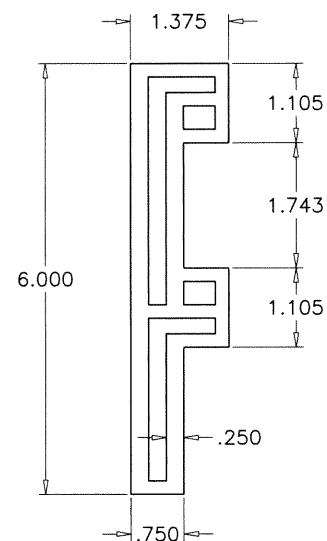
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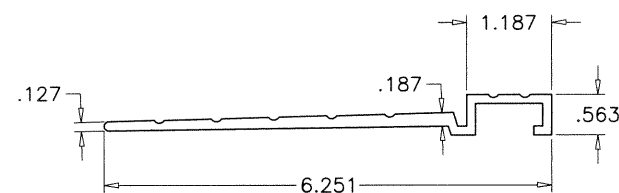
1A 2A
3A 4A TOP/BOTTOM RAIL



3 JAMB (LOCK SIDE)



4 JAMB (HINGE SIDE)



11 THRESHOLD

ITEM #	REQD.	PART #	DESCRIPTION
1	1	20-61-292	HEADER TUBE 2" X 6" X 1/4" 6061-T6 ALUMINUM
2	1	52-61-3007	SILL TUBE 3" X 6" X 1/4" 6061-T6 ALUMINUM
3	1	SDSJ-01	LOCK SIDE EXTRUDED JAMB 6061-T6 ALUMINUM
4	1	SDDJ-01	HINGE SIDE EXTRUDED JAMB 6061-T6 ALUMINUM
5	2	SDHEC	1-7/16" X 1-7/16" X 1/4" X 5-7/16" 6063-T5 ALUMINUM L-ANGLE
6	2	SDSEC	2-7/16" X 5-7/16" X 1/4" 6061-T6 ALUMINUM FLATBAR
7	2	BTS80	DORMA FLOOR CLOSER (#4 SPRING)
8	1	SDHDS	1-3/16" X 5/8" 6061-T6 ALUMINUM FLATBAR (HEADER DOOR STOP)
9	1	SDSHDS	1 3/16" X 5/8" 6061-T6 ALUMINUM FLATBAR (SILL DOOR STOP)
10	2	SDPSB-01	1 1/2" X 3/8" X 1/4" 6061-T6 ALUMINUM FLATBAR (SUPPORT BRACKET)
11	1	SDTH-01	SLIMPACT EXTRUDED THRESHOLD 6063-T5 ALUMINUM
12	2	H340-326	RIXSON TOP PIVOT W/COVER PLATE
13	4	SDDPK-01	DUSTPROOF KEEPER
14	2	SLIMDR-BR	3" BACKER ROD
F-04	16	110170140	5/16-18 x 3/4 COUNTERSUNK FLAT HEAD SCREW
F-05	14	1172710	1/4-20x1 COUNTERSUNK FLAT HEAD SCREW
F-06	8	91771A296	#12-24 x 1 COUNTERSUNK FLAT HEAD SCREW
1A	1	SDRT-01	TOP DOOR RAIL ASSEMBLY (LEFT), 316 STAINLESS STEEL
2A	1	SDRB-01	BOTTOM RAIL ASSEMBLY (LEFT), 316 STAINLESS STEEL
3A	1	SDRT-02	TOP DOOR RAIL ASSEMBLY (RIGHT), 316 STAINLESS STEEL
4A	1	SDRB-02	BOTTOM RAIL ASSEMBLY (RIGHT), 316 STAINLESS STEEL
5A	2	N/A	SLIMPACT DOOR GLASS
6A	AS REQD.	HSS2000XS88BL	BULB SEAL BY PEMKO
7A	2	SDH-01	DOOR HANDLE ASSEMBLY
8A	4/LEAF	SB-SLIMDR	3/8" X 1-1/4" X 4" LONG SETTING BLOCK, DUROMETER 85±5 SHORE A
9	12	PK-772	PEMKO DOOR SEAL TOP AND BOTTOM

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
DOW CORNING 795 SEALANT.



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