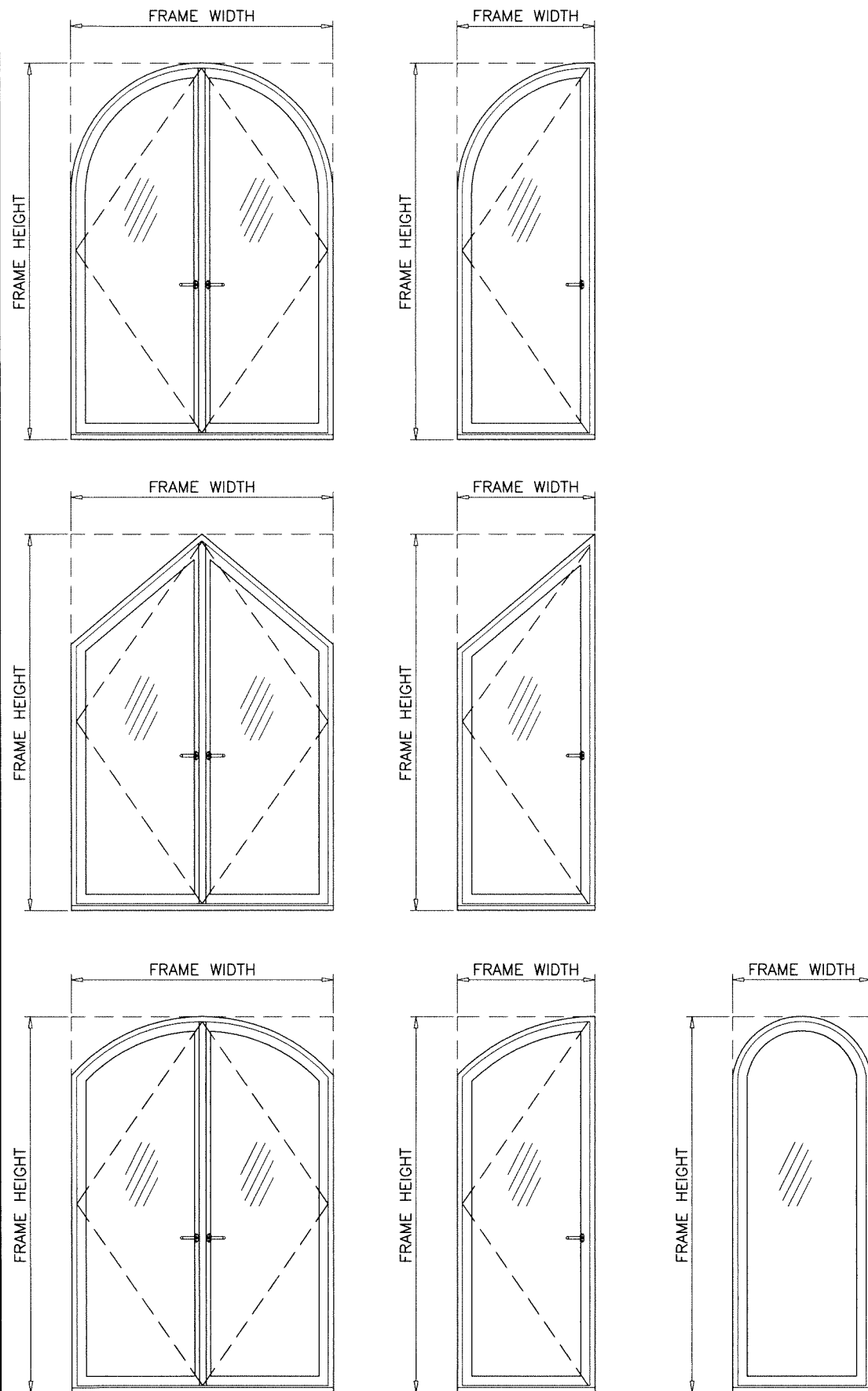




ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

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

JAMESTOWN 175 STEEL OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/O TRANSOM SEE SHEET 3.
SINGLE (O/X) AND DOUBLE (O/XX) LEAF DOORS WITH TRANSOMS SEE SHEET 4.
SINGLE SIDELITES SEE SHEET 5.
SINGLE SIDELITES WITH SINGLE AND DOUBLE LEAF DOORS SEE SHEET 6.
LOWER VALUES FROM TRANSOM/SIDELITE CAPACITY CHART OR DOOR CAPACITY
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION)/2026 (9TH 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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL
OR OTHER RIGID MATERIALS).

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023/2026 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)'.

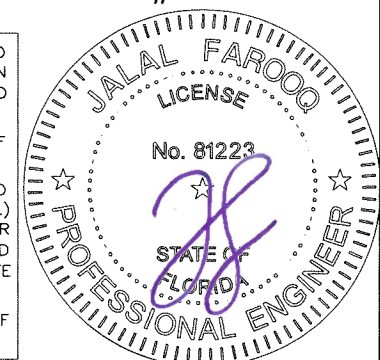
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET
CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES.
COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

Sealed: 8/20/2026

FL #47570

- 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.



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no	date by description

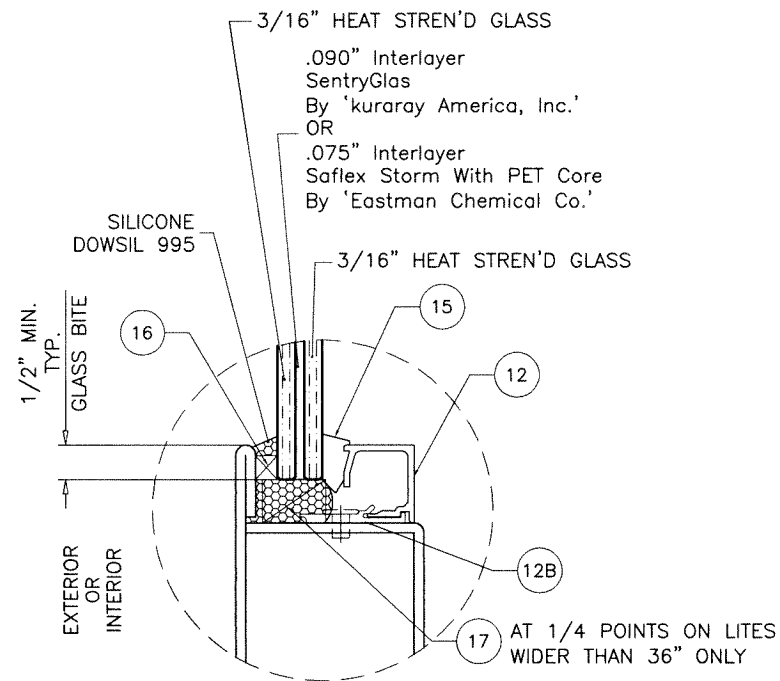
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sheet 1 of 19			

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

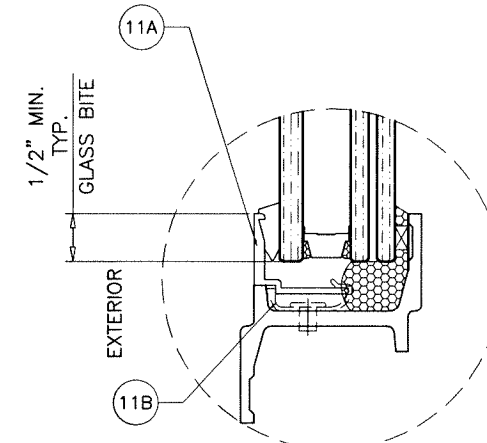
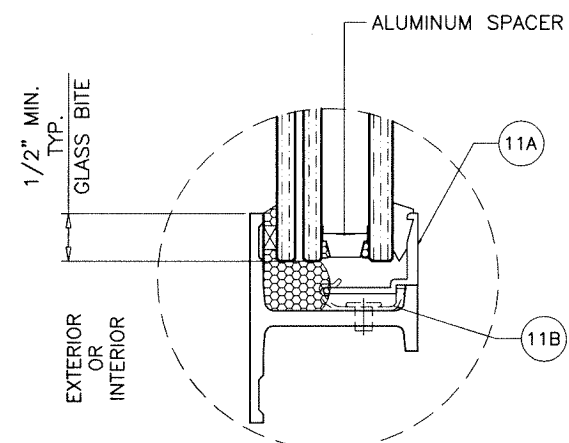
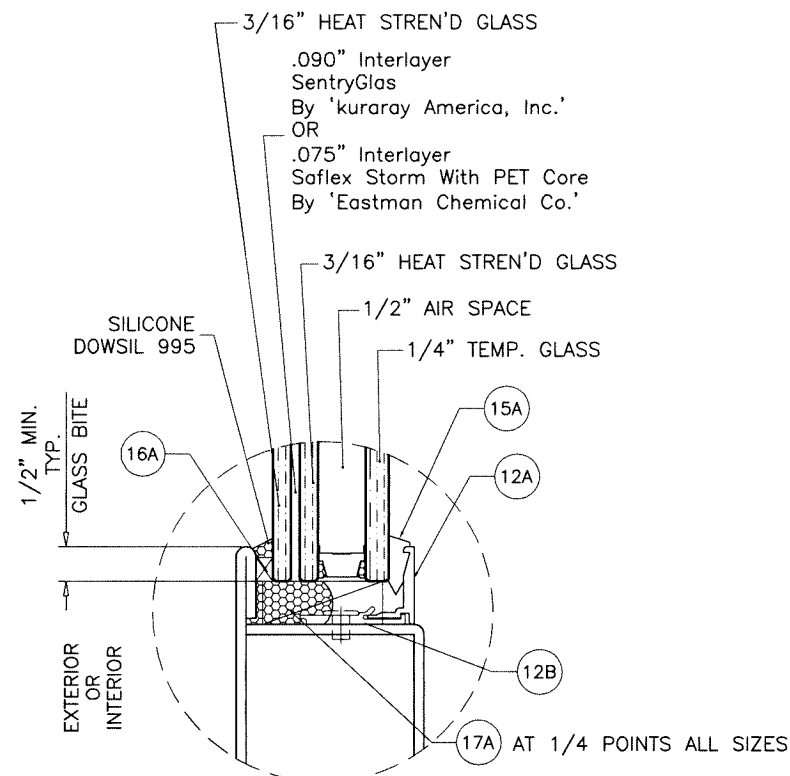
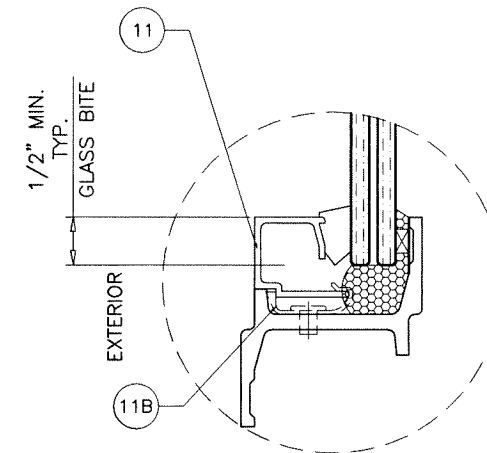
Jamestown 175 Steel Outswing Entrance Door (L.M.I.)

Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
JAMESTOWN, NEW YORK 14701
Tel. (716) 665-5124 Fax. (716) 665-3365

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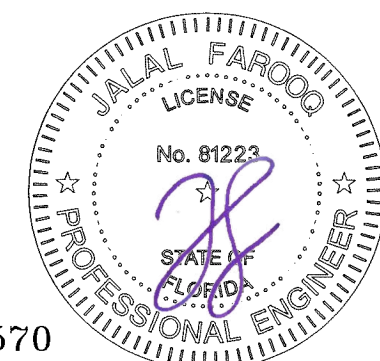


NOTE:
ALTERNATE SHAPED GLAZING BEADS ARE APPROVED
WITH MIN. .062" THK. & .866" MIN. HT.
AND MECHANICALLY FASTENED TO FRAME OR
SNAPPED ONTO #11B OR #12B RETAINERS (AS APPLICABLE).



GLAZING OPTIONS

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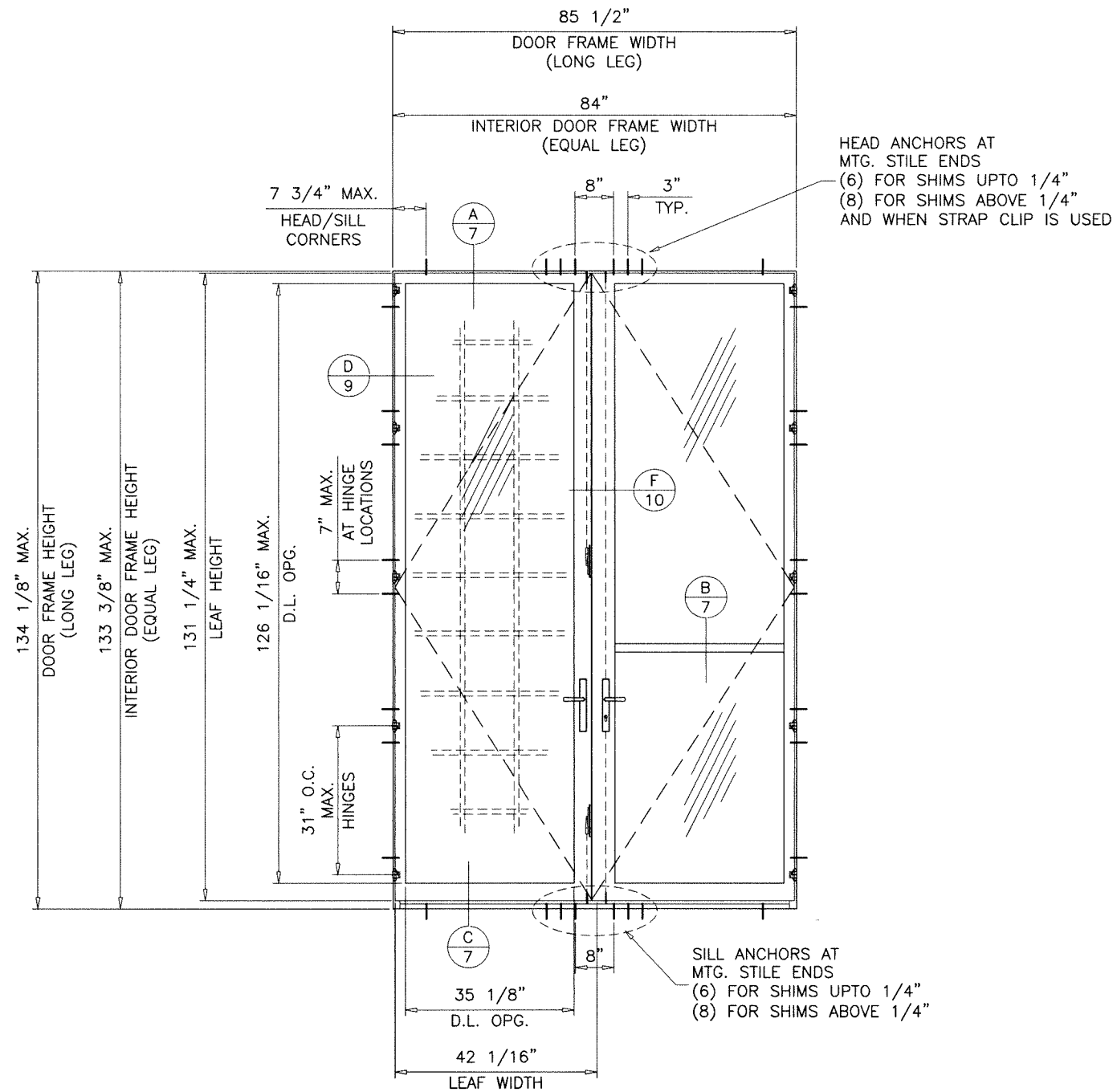
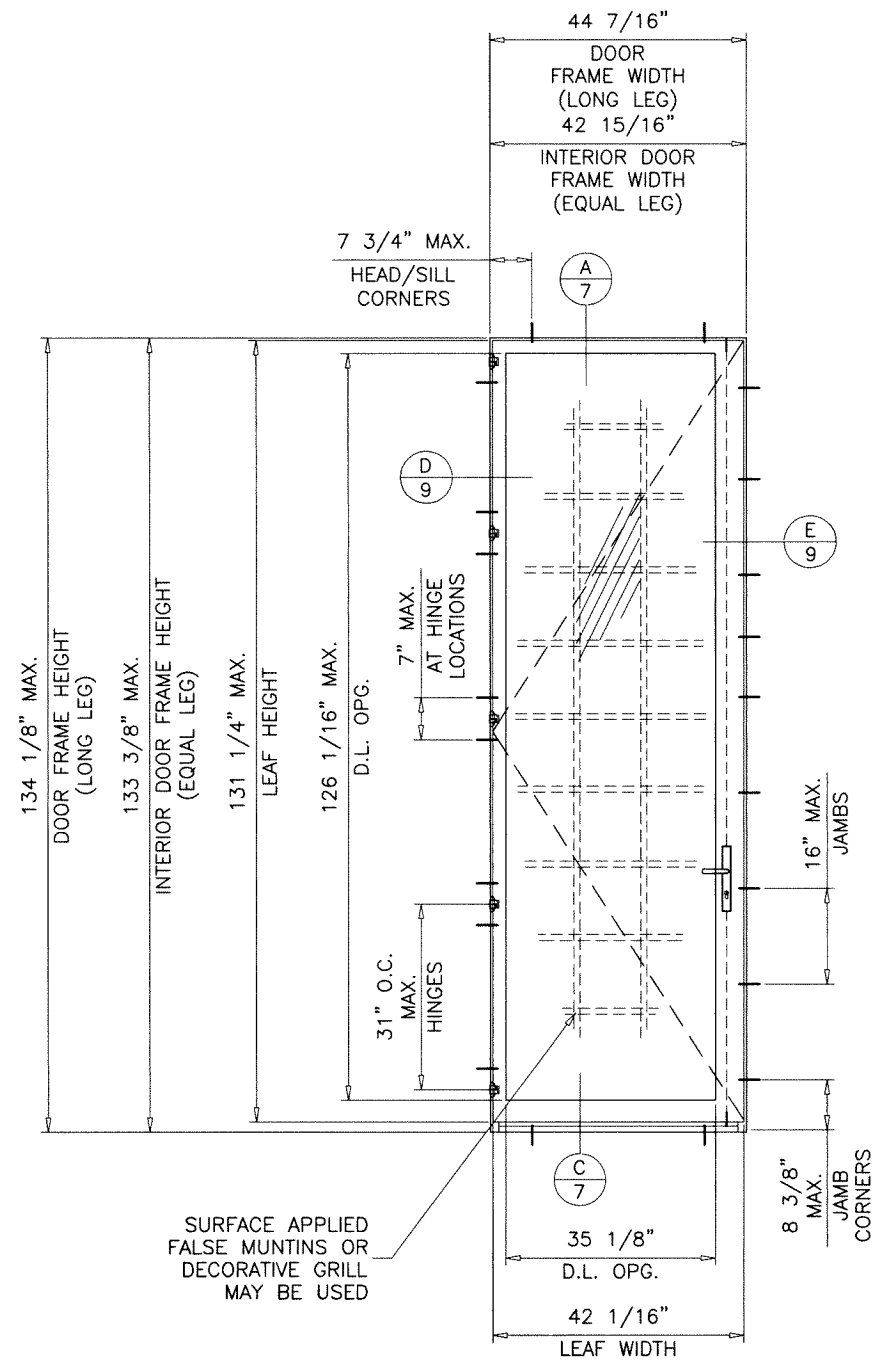
FBPE #3538

COMP-ANL\25-52F-HW1

Jamestown 175 Steel Outswing Entrance Door (L.M.I.)

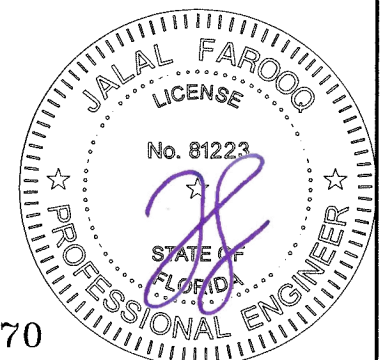
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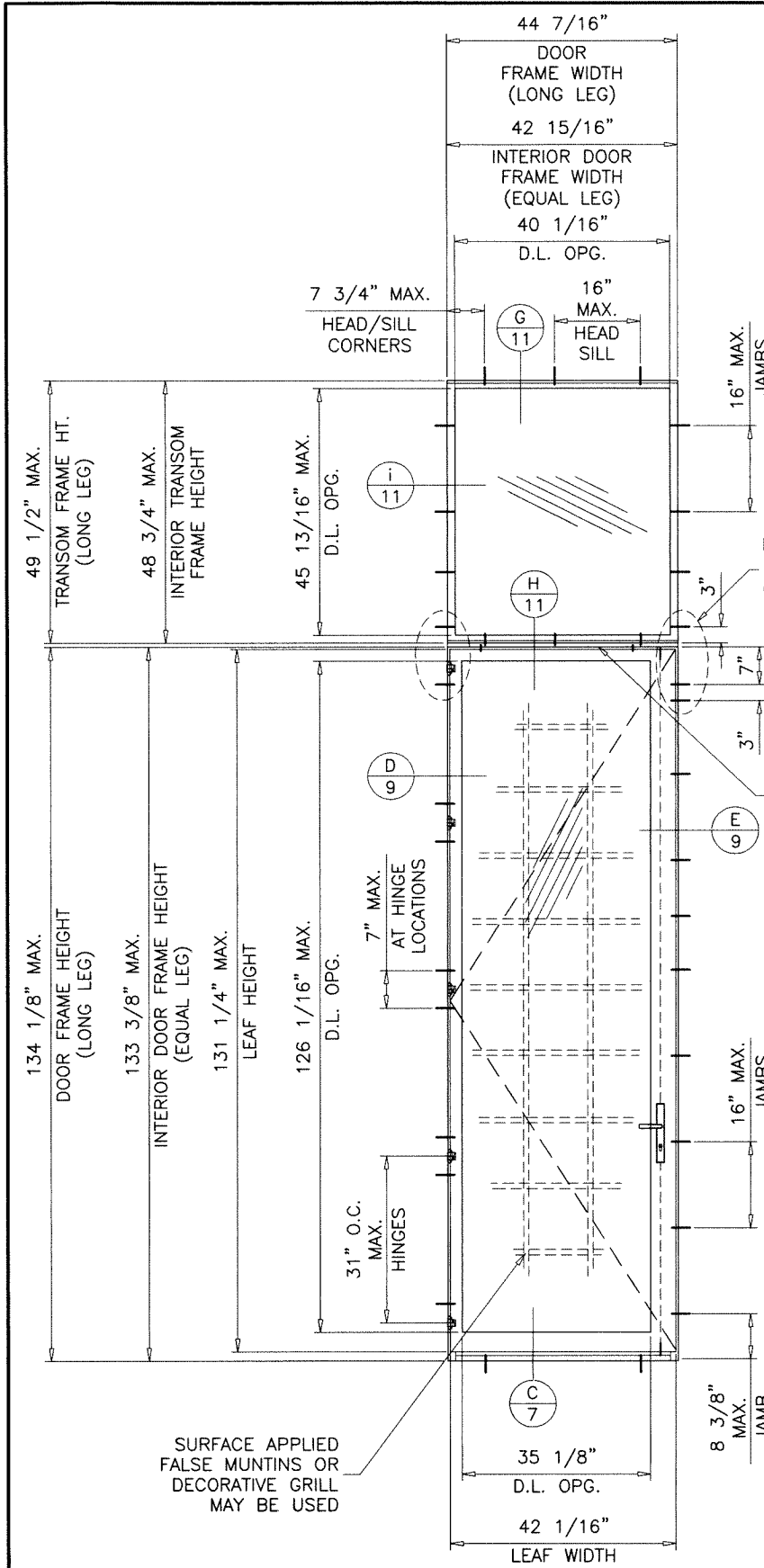


MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 65.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

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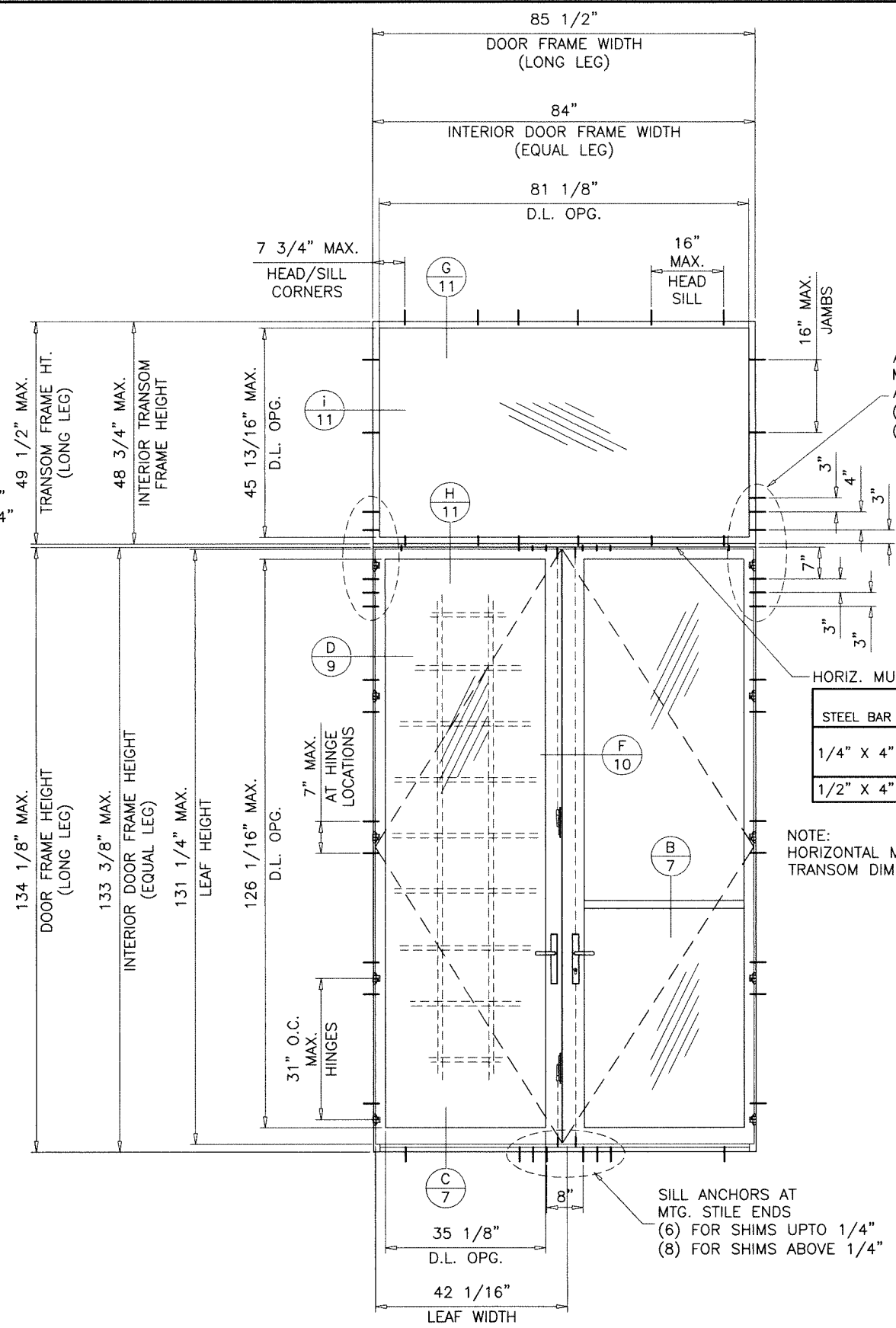
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chk. by:					
drawing no.					
25-52F					
sheet 3 of 19					



TYPICAL ELEVATION
(O/X)

MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 65.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

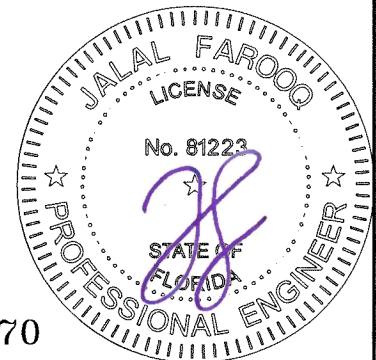
NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.



TYPICAL ELEVATION
(O/XX)

STEEL BAR	INT. DOOR FRAME HEIGHT	LOAD CAPACITY PSF
1/4" X 4"	132-3/8"	61.0
	122"	65.0
1/2" X 4"	133-3/8"	65.0

NOTE:
HORIZONTAL MULLION CAN BE CALCULATED FOR LARGER TRANSOM DIMENSIONS ON JOB TO JOB BASIS, BY OTHERS.



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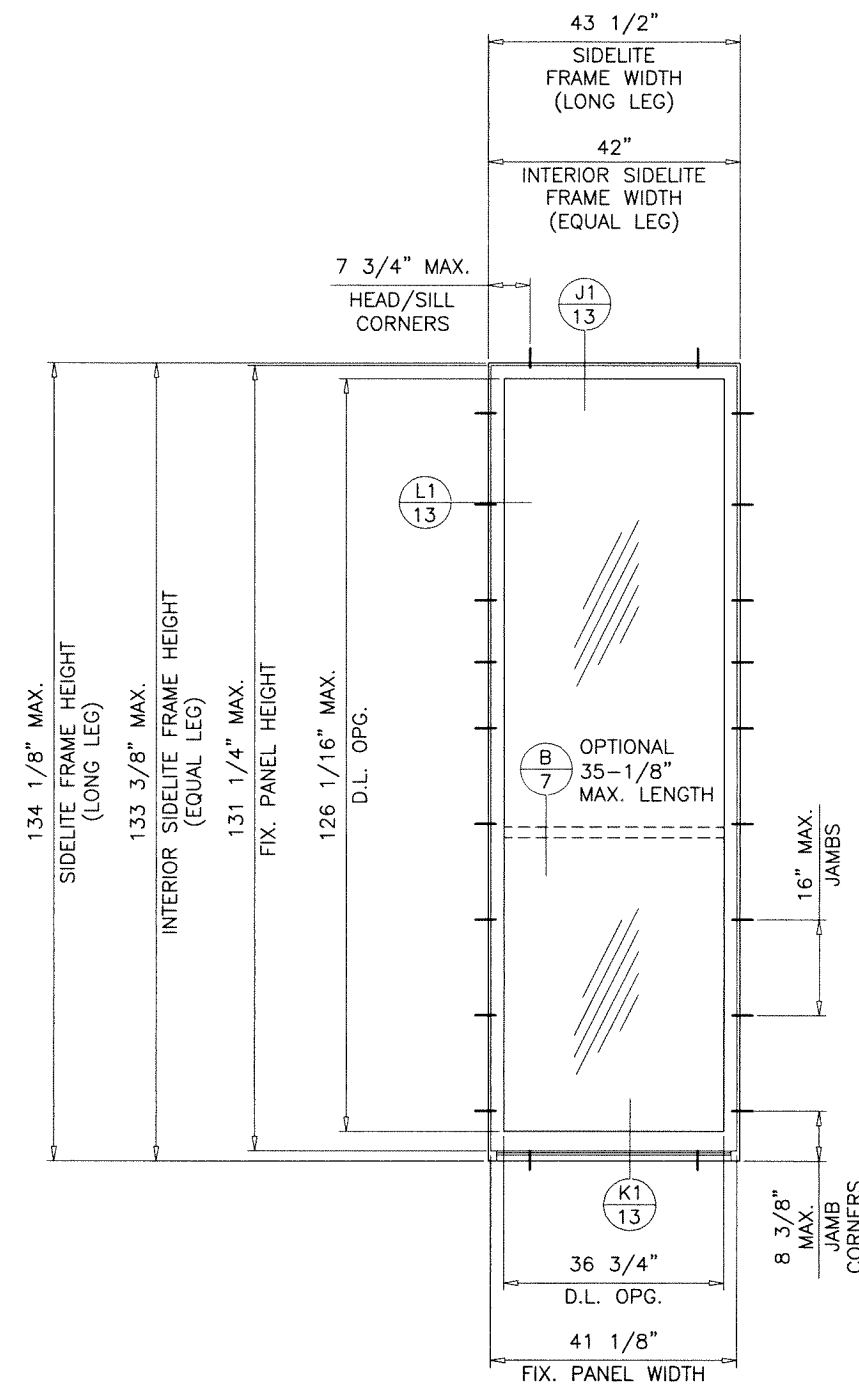
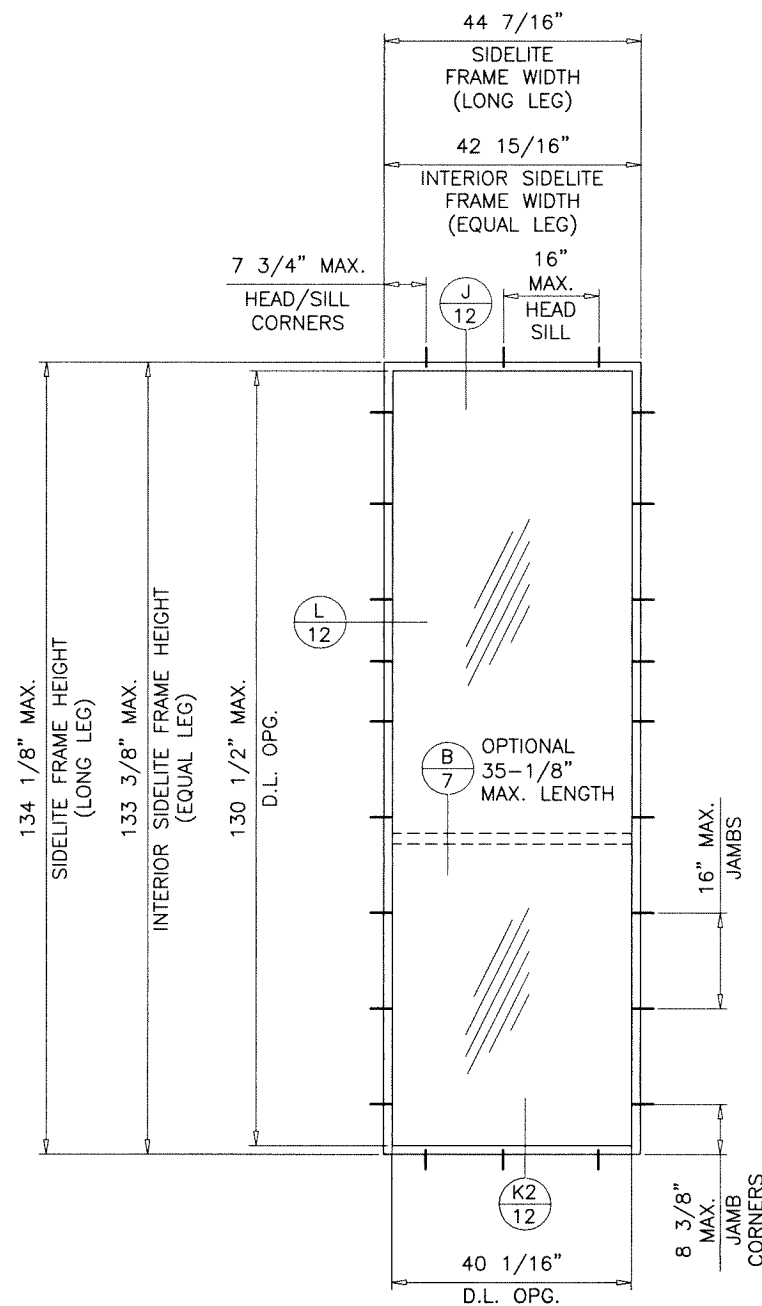
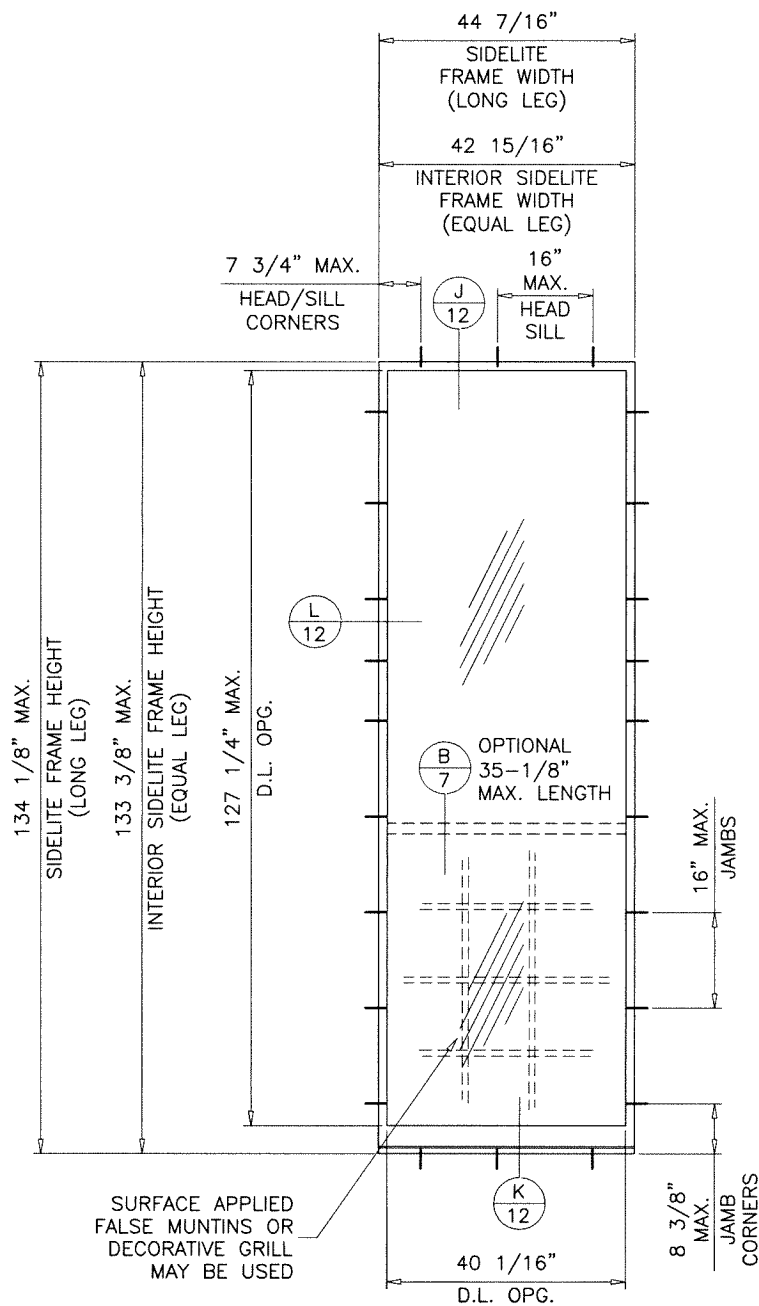
Jamestown 175 Steel Outswing Entrance Door (L.M.I.)

Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
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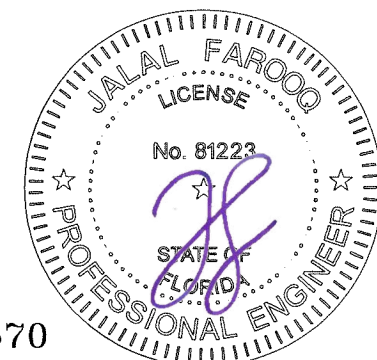
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25-52F
sheet 4 of 19



TYPICAL ELEVATION
(O)

MAXIMUM DESIGN LOAD RATING = + 65.0 PSF
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 65.0 PSF
AS PERMITTED BY FBC REQUIREMENTS

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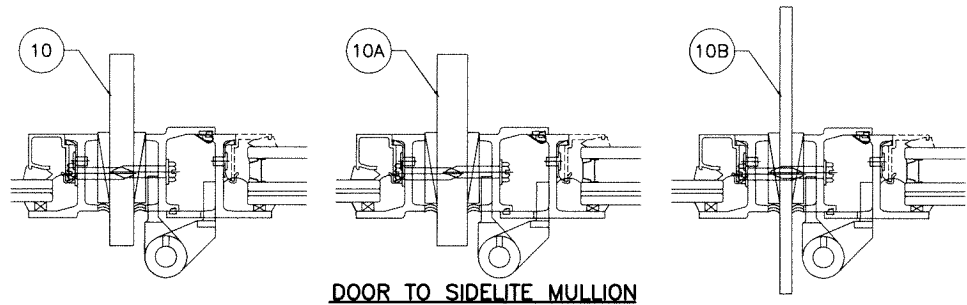
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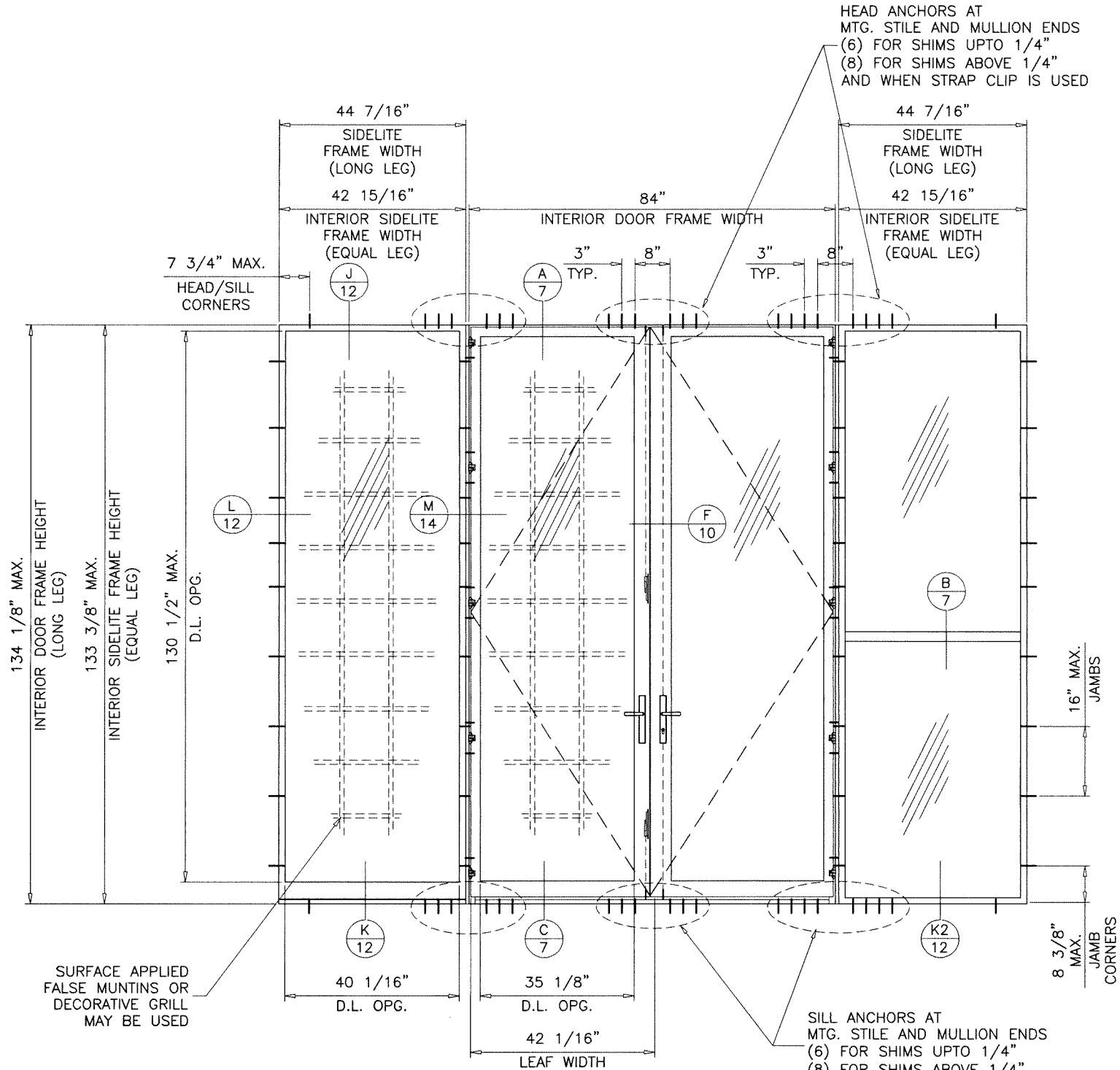
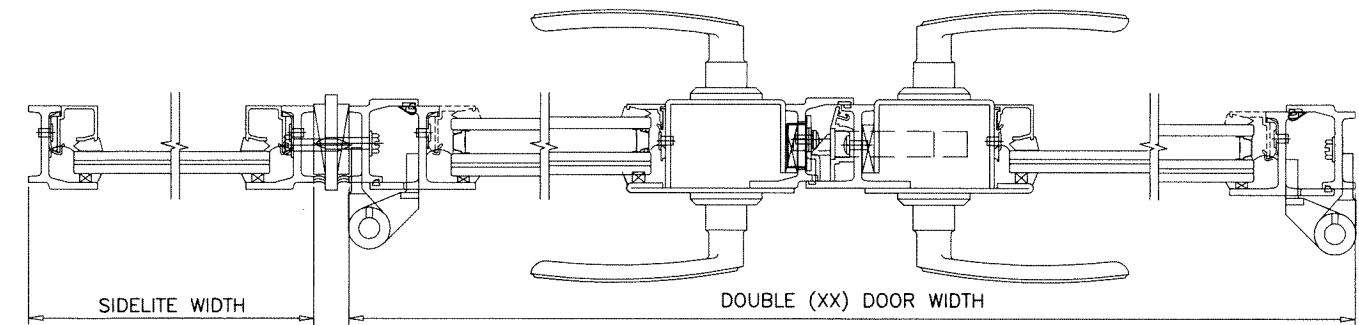
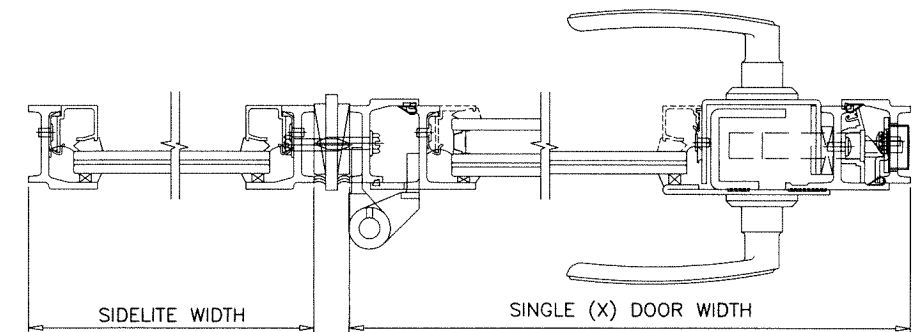
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drawing no.	25-52F	sheet	5 of 19

DESIGN LOAD CAPACITY - PSF DOOR TO SIDELITE MULLION				
INTERIOR (EQUAL LEG) SIDELITE WIDTH INCHES	INTERIOR (EQUAL LEG) FRAME HEIGHT INCHES	1/2" X 4" STEEL BAR	5/8" X 4" STEEL BAR	1/4" X 6" STEEL BAR
		EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24	120	65.0	65.0	65.0
30		65.0	65.0	65.0
36		65.0	65.0	65.0
42-15/16		65.0	65.0	65.0
24	126	65.0	65.0	65.0
30		65.0	65.0	65.0
36		65.0	65.0	65.0
42-15/16		65.0	65.0	65.0
24	132-3/8	65.0	65.0	65.0
30		65.0	65.0	65.0
36		62.5	65.0	65.0
42-15/16		57.8	65.0	65.0
24	133-3/8	-	-	65.0
30		-	-	65.0
36		-	-	65.0
42-15/16		-	-	65.0



DOOR TO SIDELITE MULLION

NOTE:
FOR DOORS AND SIDELITE CAPACITIES SEE SHEETS 2 & 3
FOR SIDELITE MULLION CAPACITY SEE CHART ABOVE
LOWER VALUES FROM DOORS, SIDELITE OR DOOR/SIDELITE
MULLION CHART WILL APPLY TO ENTIRE SYSTEM.



TYPICAL ELEVATION
(O-XX-O)



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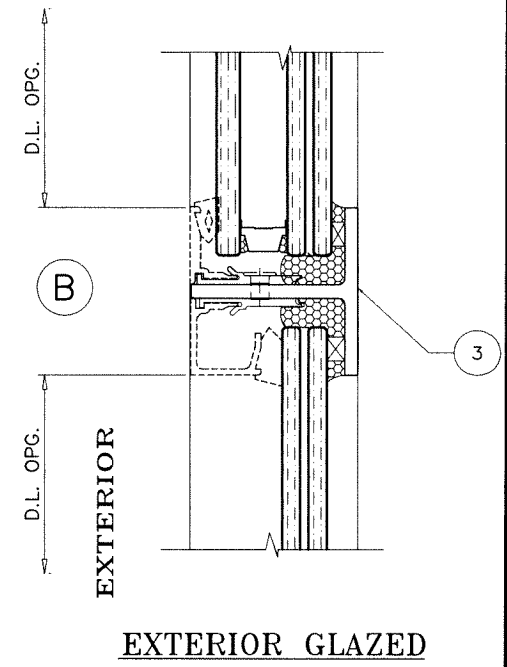
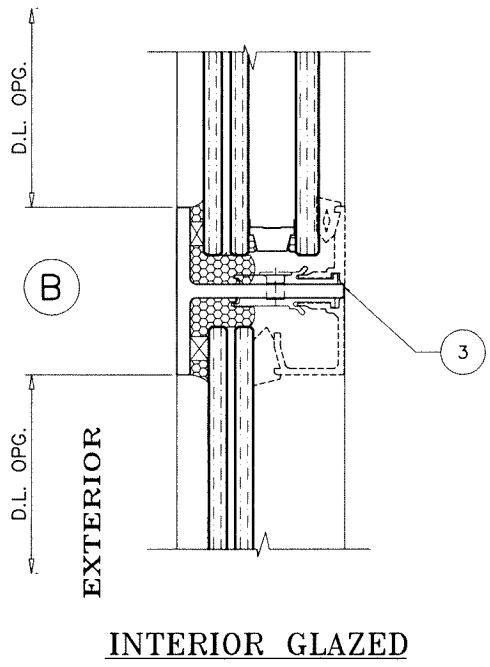
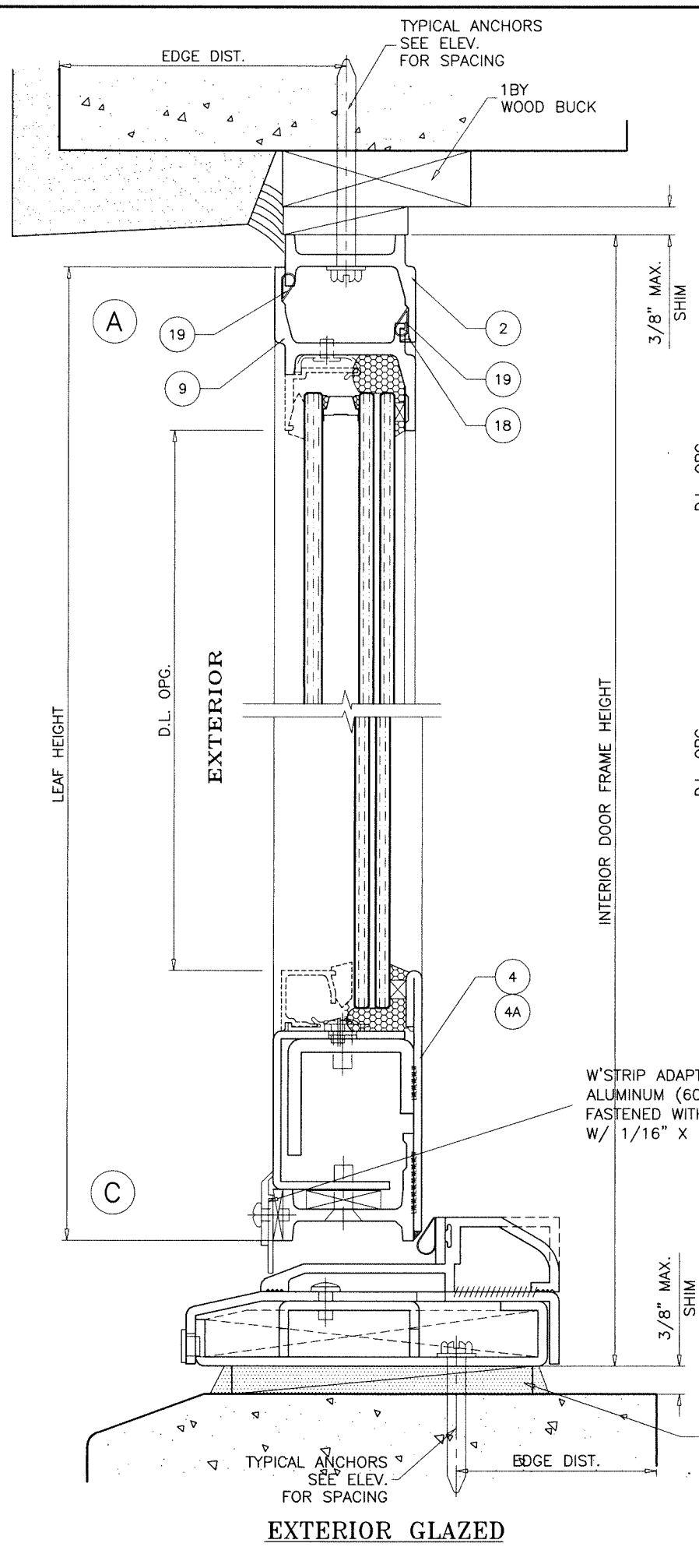
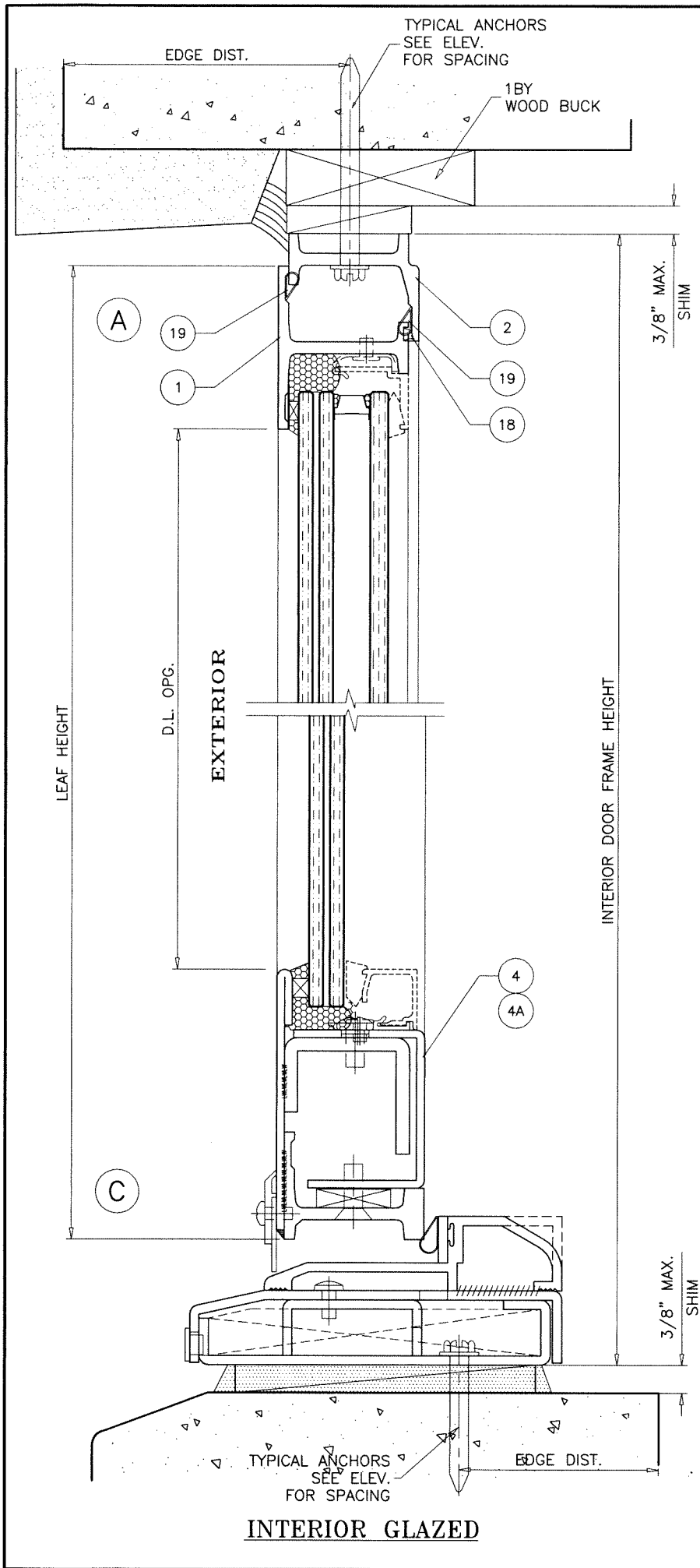
Jamestown 175 Steel Outswing Entrance Door (L.M.I.)

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chk. by:

drawing no.
25-52F
sheet 6 of 19

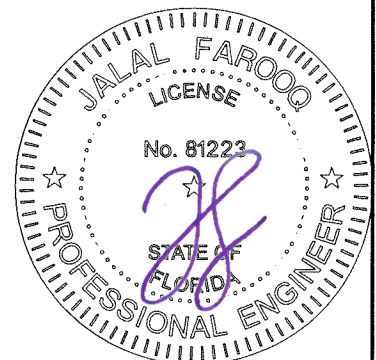


W'STRIP ADAPTER
ALUMINUM (6063-T5)
FASTENED WITH #8 X 1/2" SS M SCREW
W/ 1/16" X 1" SILICONE STRIP

WEEPHOLES:
W1 = 3/8" DIA. WEEP HOLES AT 6" O.C. MAX.
W2 = 1/8" X 1-1/2" WEEP SLOTS WITH
PLASTIC COVER (2) AT EACH LEAF

POURED & HARDENED
HIGH STRENGTH GROUT
f'c = 5000 PSI MIN.
NOT BY 'HOPE'S'
MUST TRANSFER SHEAR
LOADS TO STRUCTURE
LOAD BEARING
(SOLID SHIMS
OPTIONAL TO GROUT)

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DOOR DETAILS

AL-FAROOQ CORPORATION
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date: 04-30-25 scale: 1/2" = 1" dr. by: TARIQ chk. by:

drawing no.

25-52F

sheet 7 of 19

FL #47570

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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 X 2-1/2" WOOD SCREWS (Fu=85 KSI MIN.)

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

1/4" X 2-3/4" 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 CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE OR BLOCKS (HEAD/JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

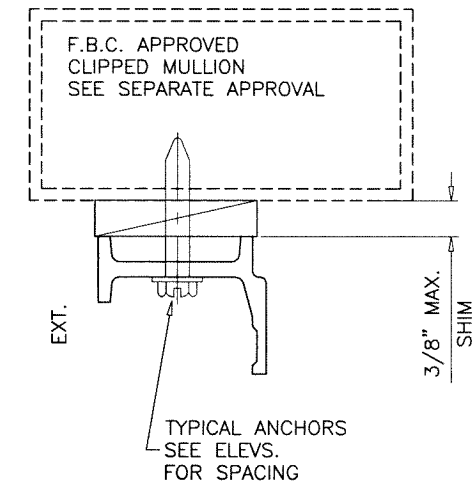
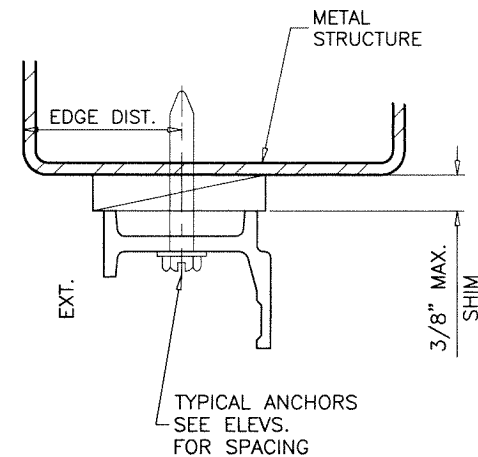
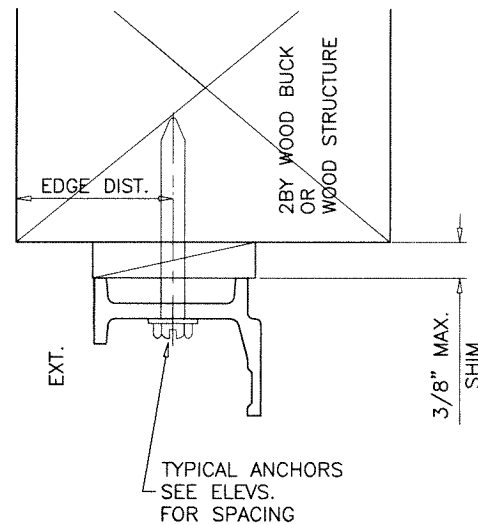
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

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)

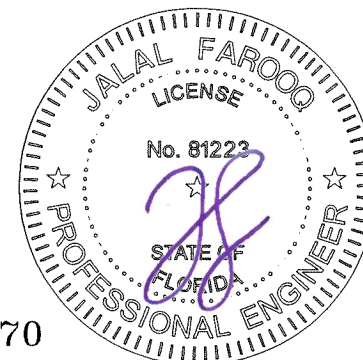
CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 3/4" 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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DOOR DETAILS

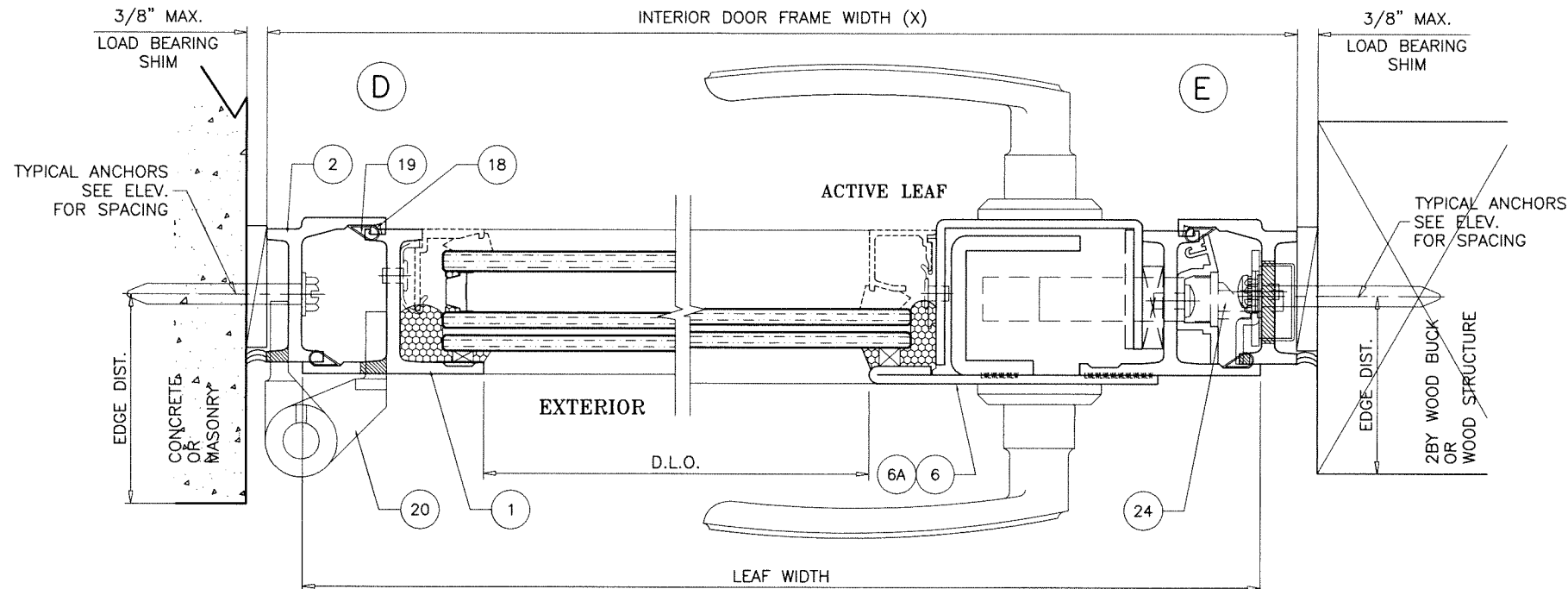
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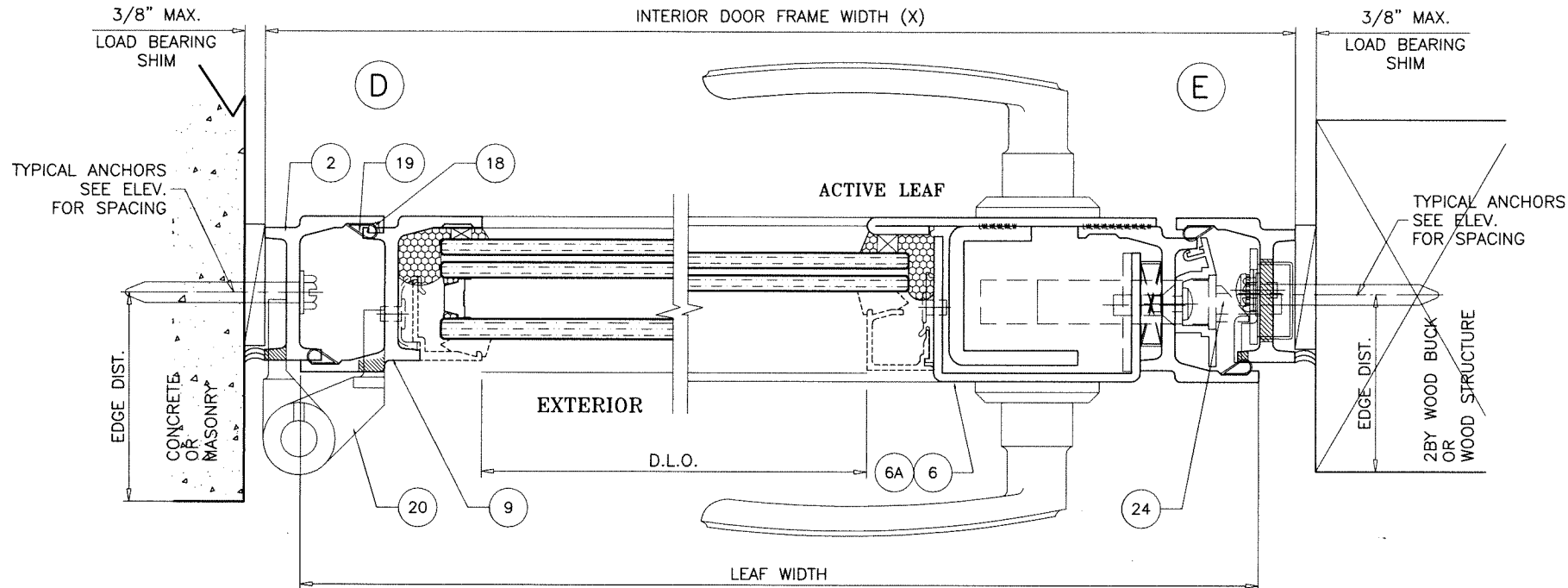
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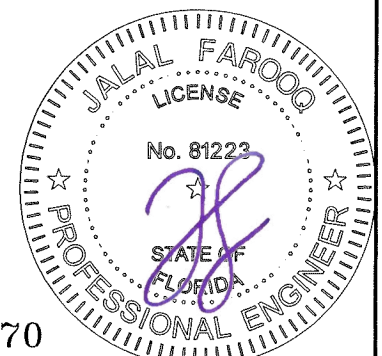
INTERIOR GLAZED



EXTERIOR GLAZED

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DOOR DETAILS

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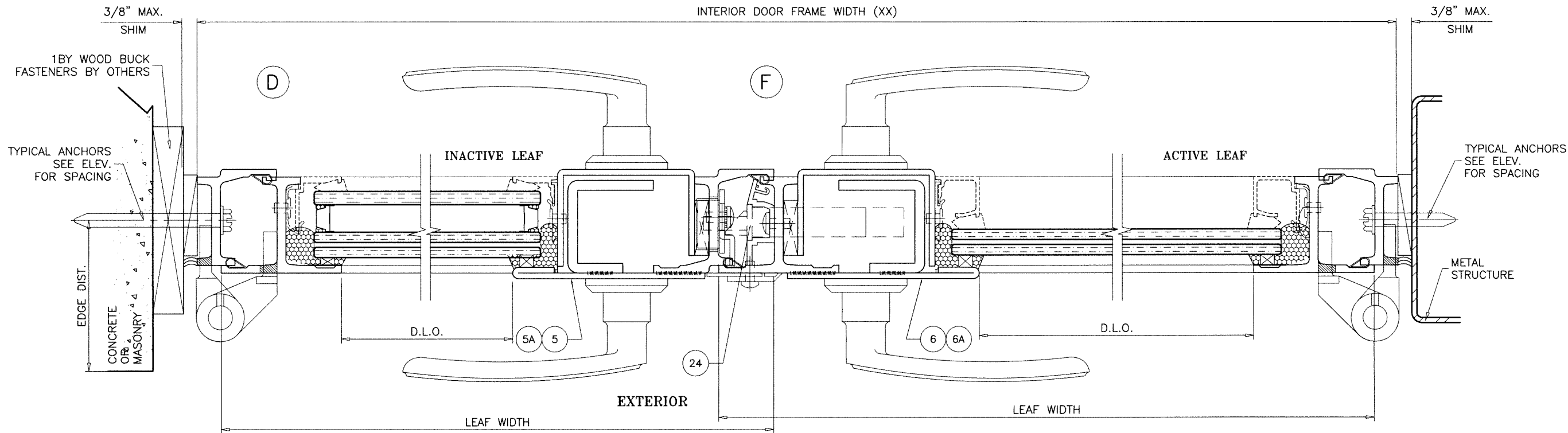
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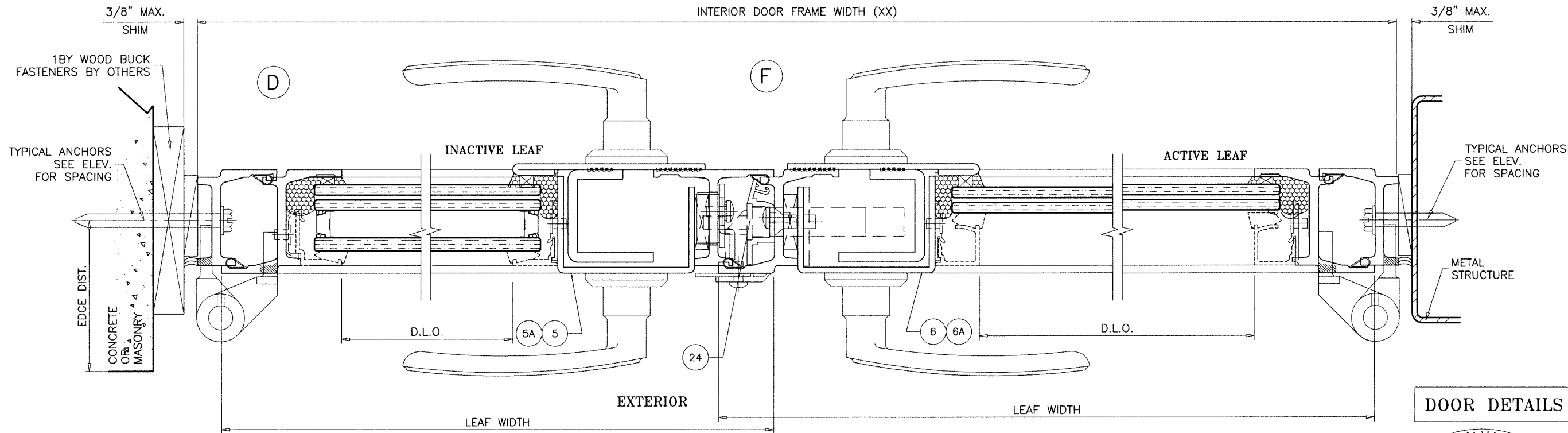
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25-52F

sheet 9 of 19

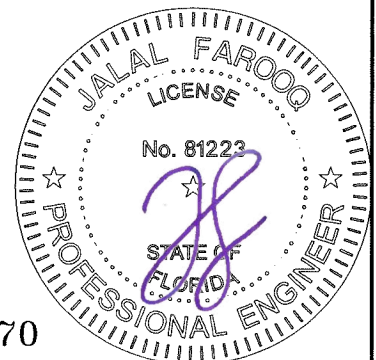


INTERIOR GLAZED



EXTERIOR GLAZED

DOOR DETAILS



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Jamestown 175 Steel Outswing Entrance Door (L.M.I.)

Hope's Windows, Inc.
 84 Hopkins Ave, P.O. Box 580
 JAMESTOWN, NEW YORK 14701
 Tel. (716) 665-5124 Fax. (716) 665-3365

revisions:	no	date	by description

date: 04-30-25

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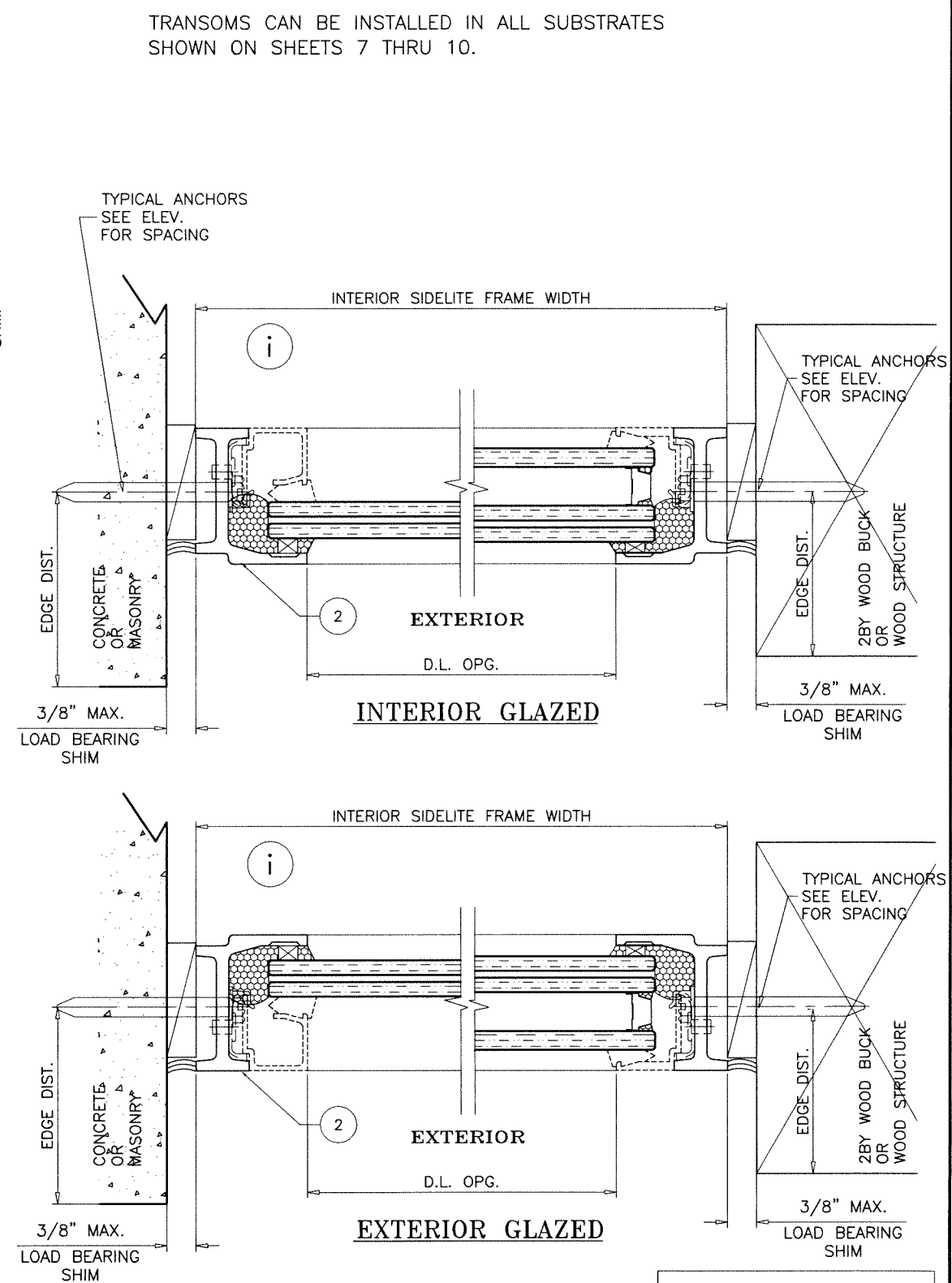
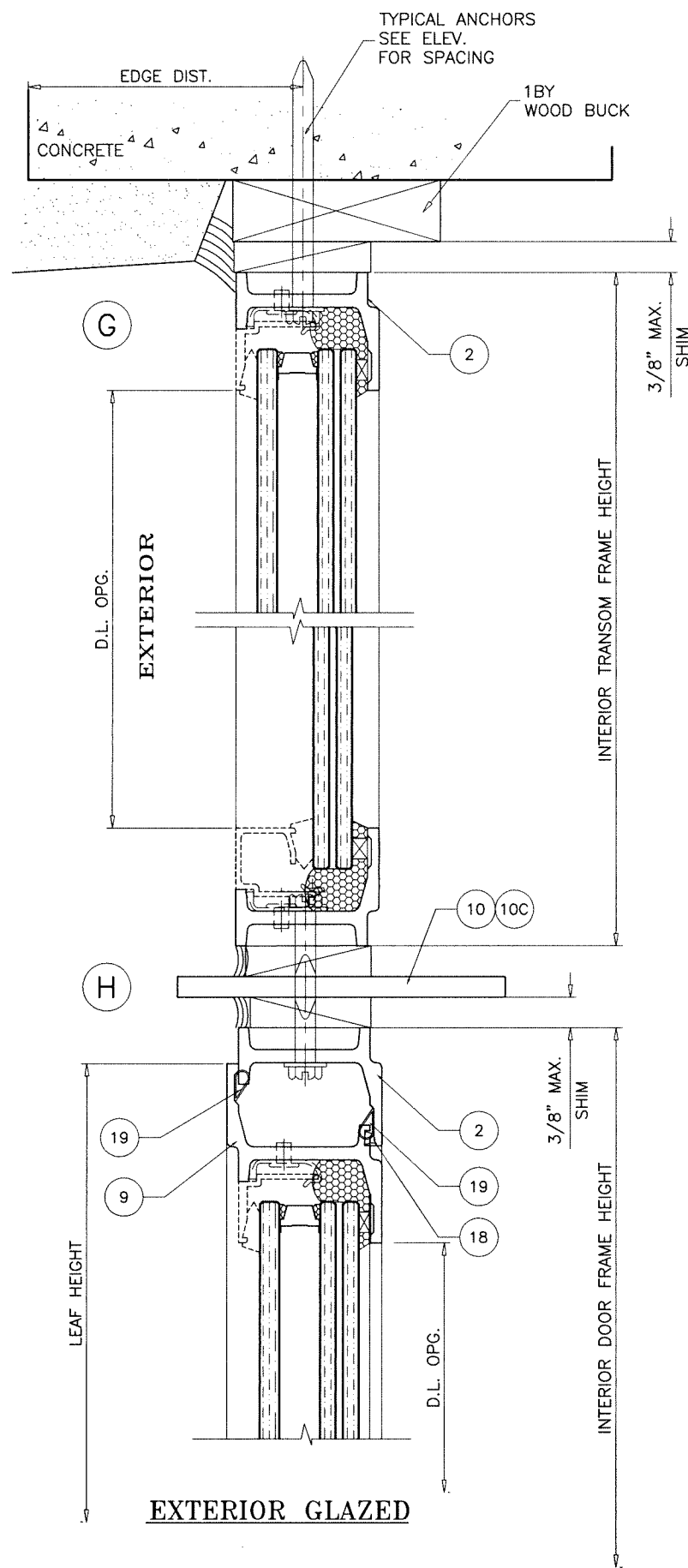
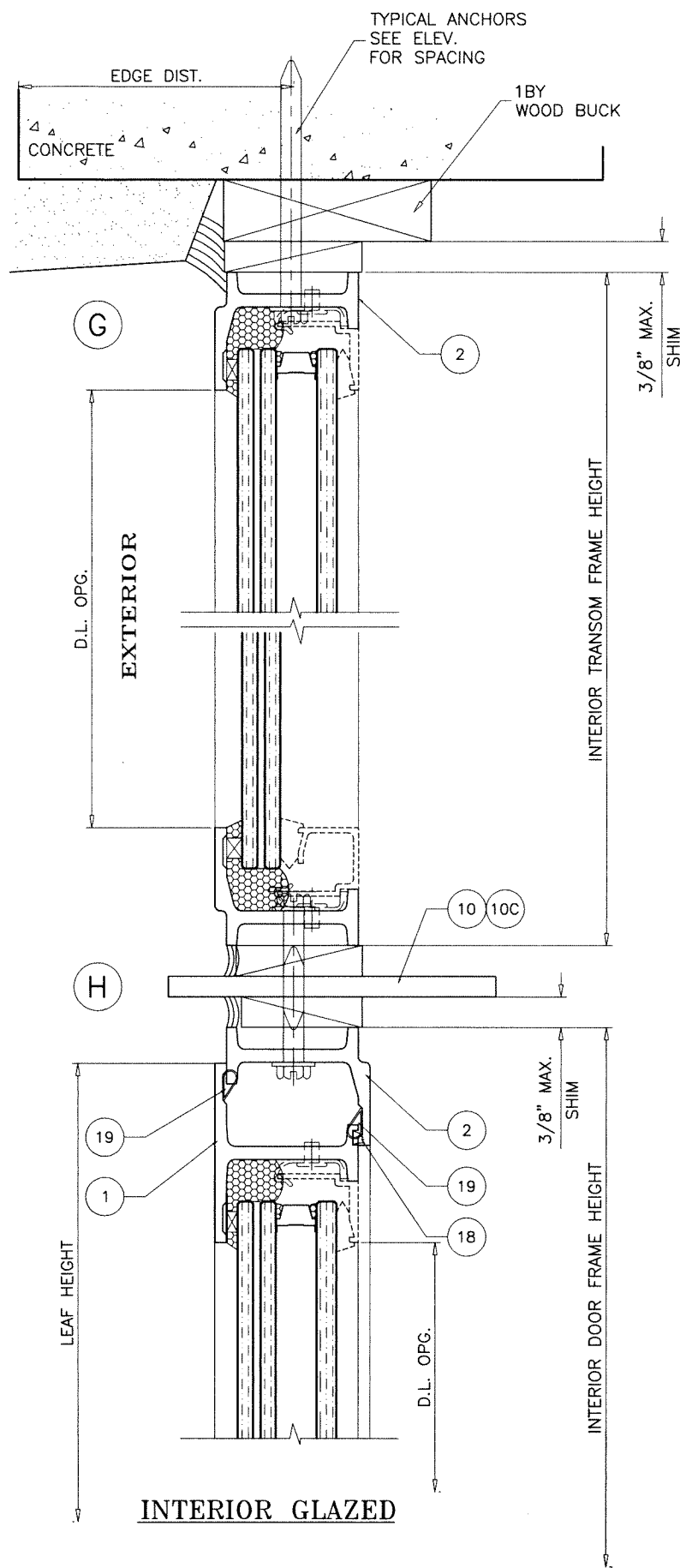
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chk. by:

drawing no.

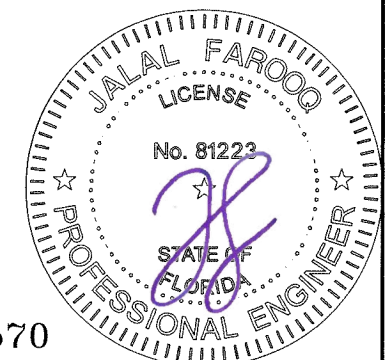
25-52F

sheet 10 of 19



TRANSOM DETAILS

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FL #47570

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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
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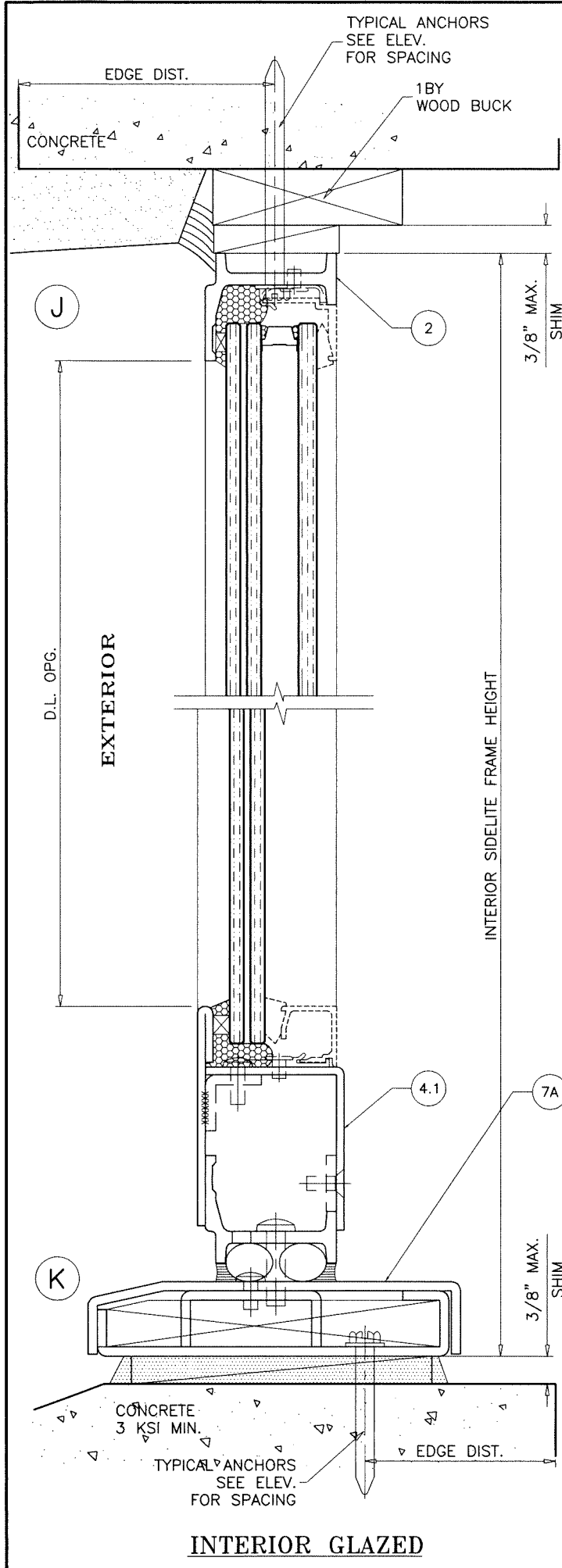
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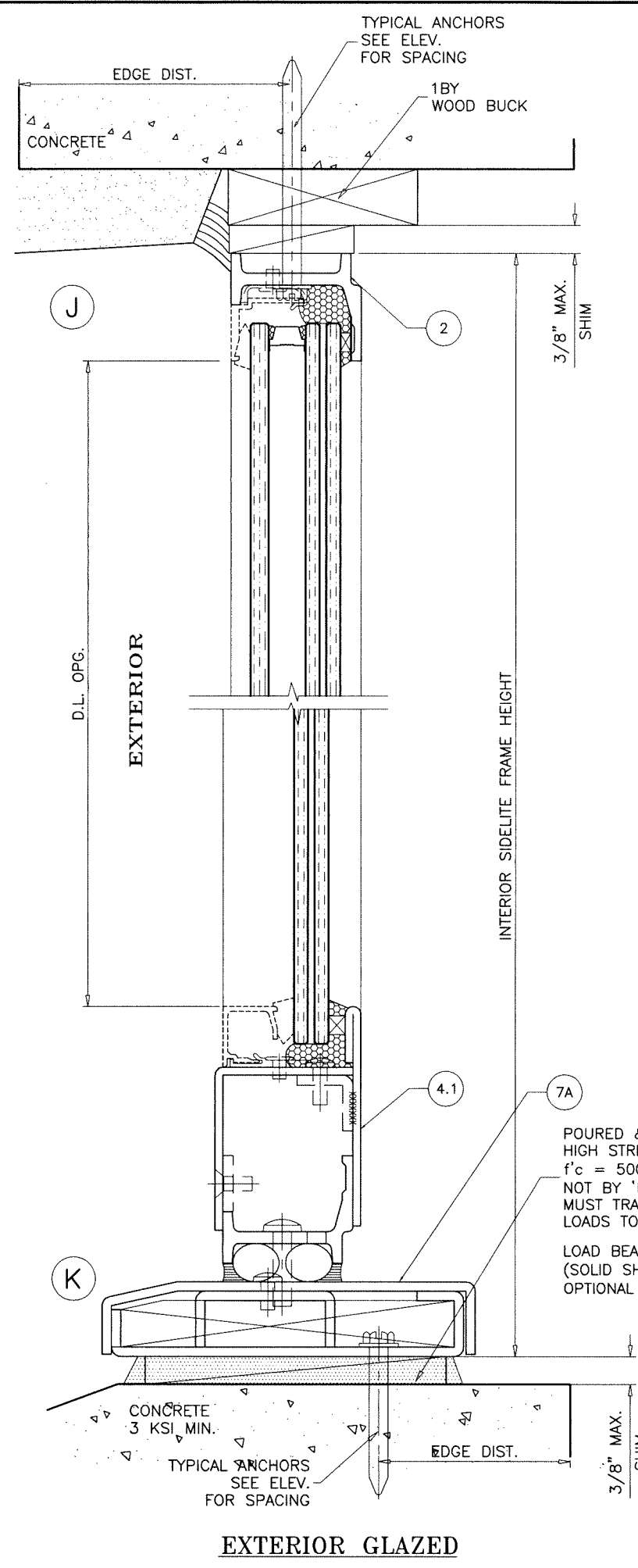
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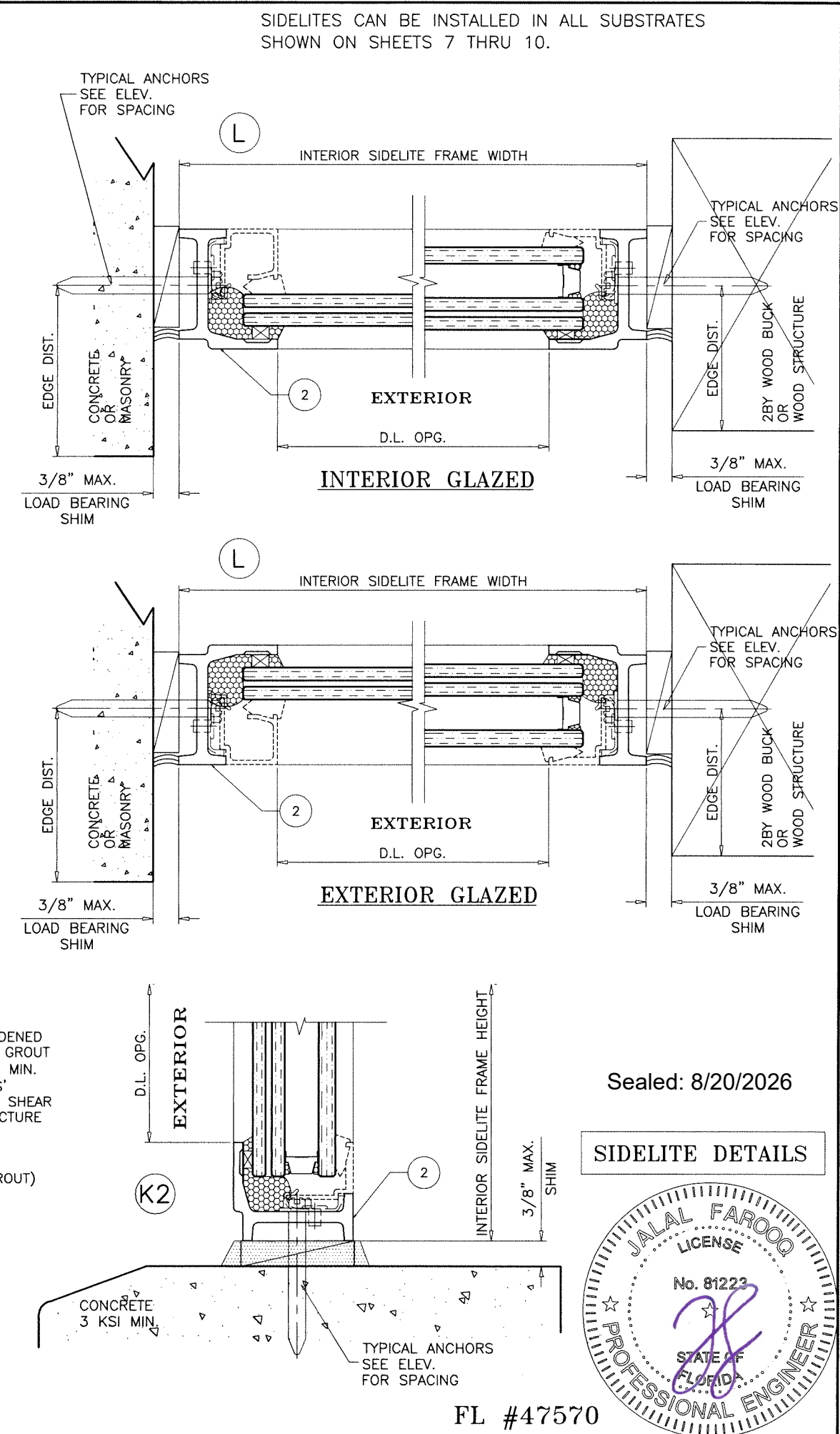
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25-52F
sheet 11 of 19



INTERIOR GLAZED

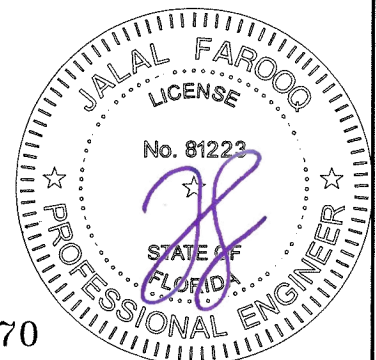


EXTERIOR GLAZED



Sealed: 8/20/2026

SIDELITE DETAILS



FL #47570

SIDELITES CAN BE INSTALLED IN ALL SUBSTRATES SHOWN ON SHEETS 7 THRU 10.

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Jamesstown 175 Steel Outswing Entrance Door (L.M.I.)

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JAMESTOWN, NEW YORK 14701
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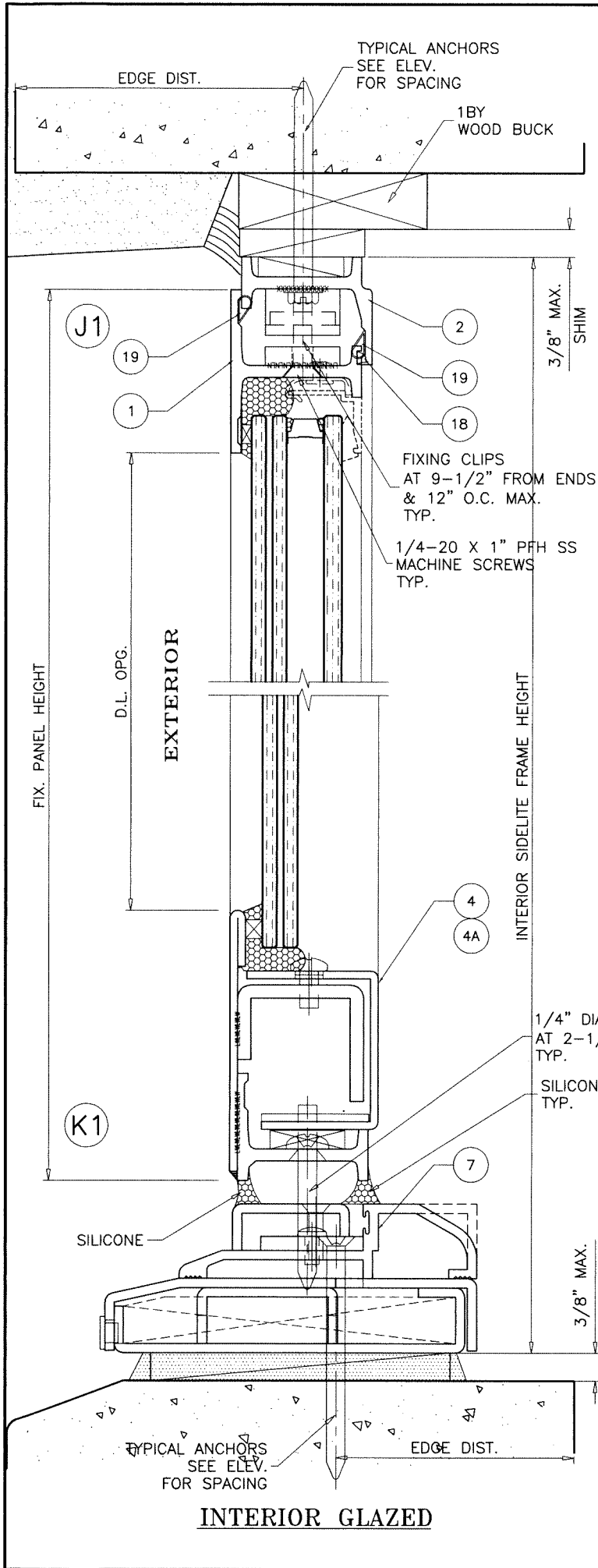
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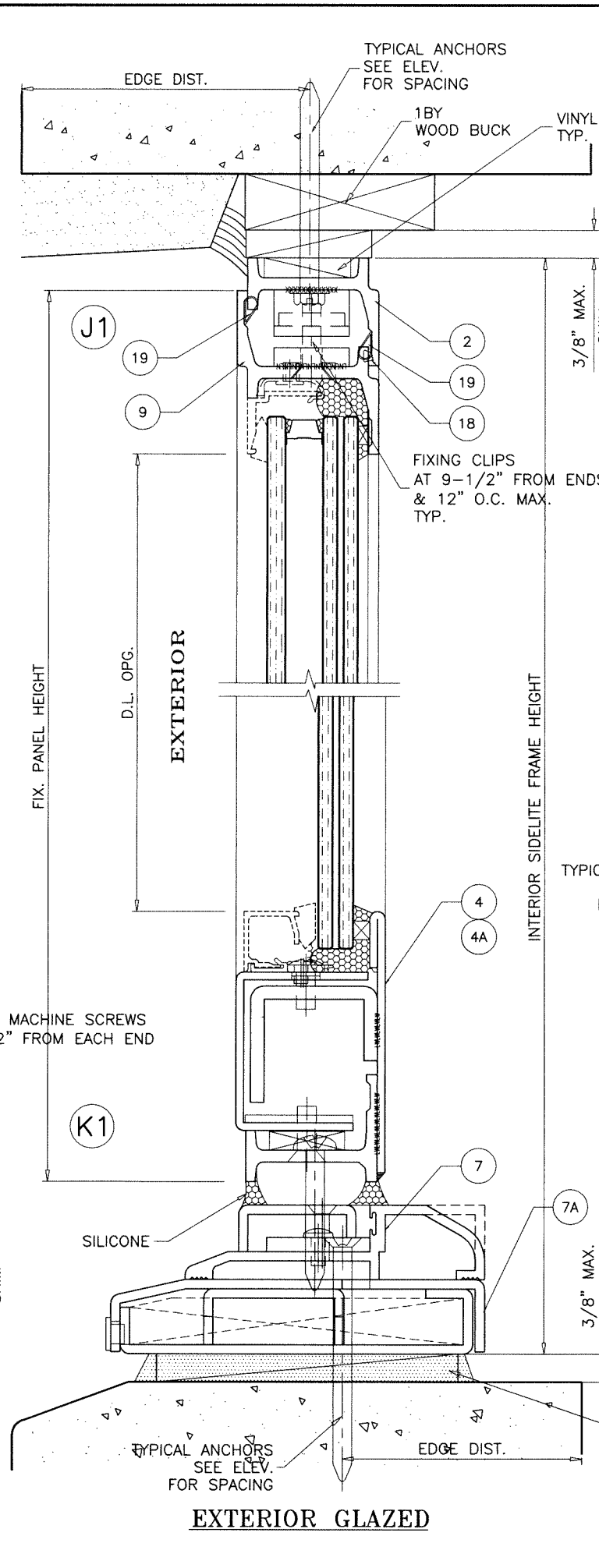
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drawing no. **25-52F**

sheet 12 of 19



INTERIOR GLAZED

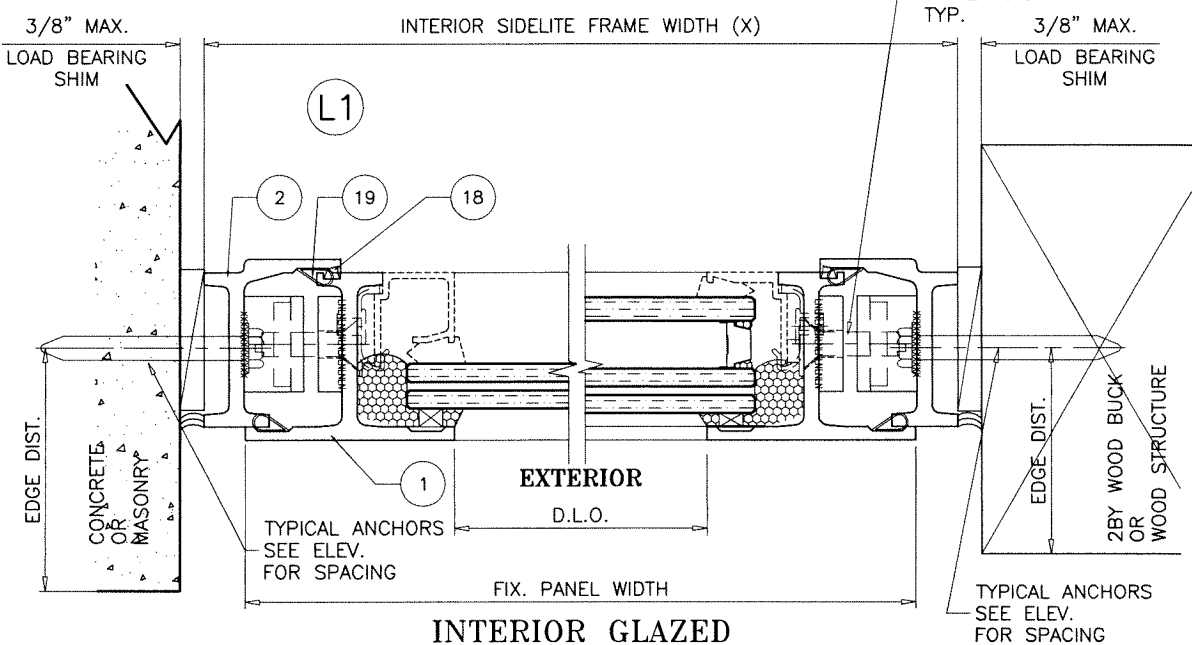


EXTERIOR GLAZED

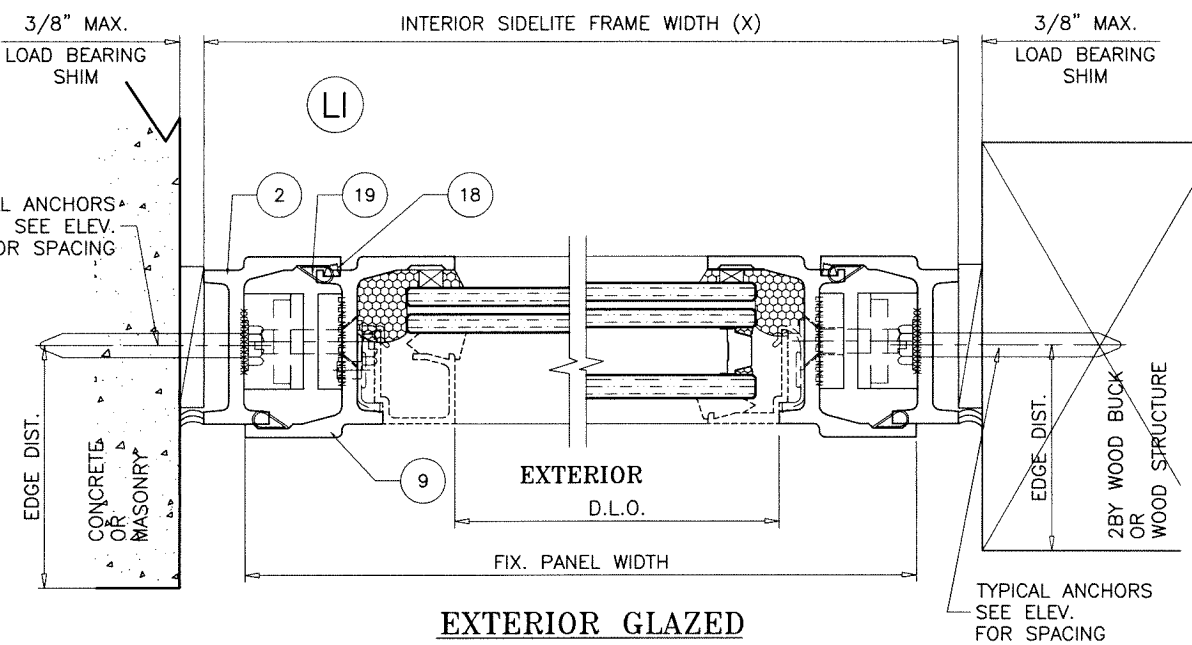
POURED & HARDENED
HIGH STRENGTH GROUT
f'c = 5000 PSI MIN.
NOT BY 'HOPE'S'
MUST TRANSFER SHEAR
LOADS TO STRUCTURE

LOAD BEARING
(SOLID SHIMS
OPTIONAL TO GROUT)

SIDELITES CAN BE INSTALLED IN ALL SUBSTRATES
SHOWN ON SHEETS 7 THRU 10.

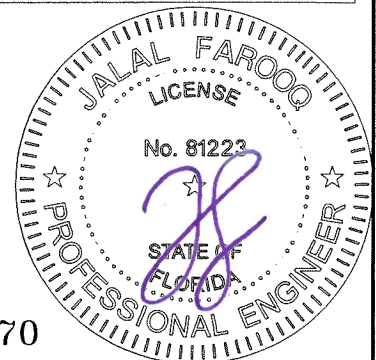


INTERIOR GLAZED



EXTERIOR GLAZED

SIDELITE WITH FIX. PANEL DETAILS



Sealed: 8/20/2026

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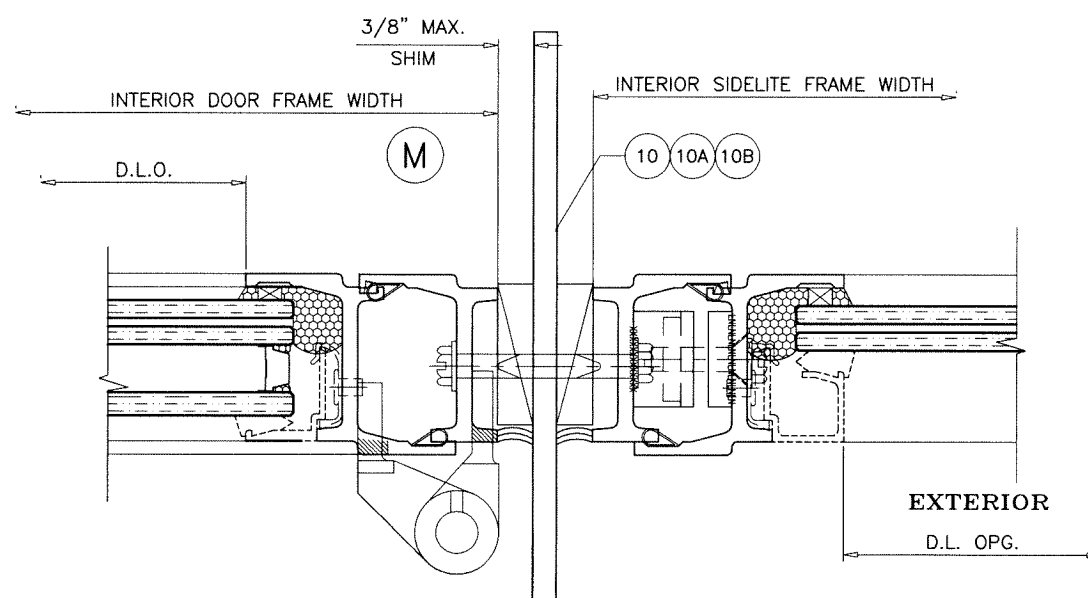
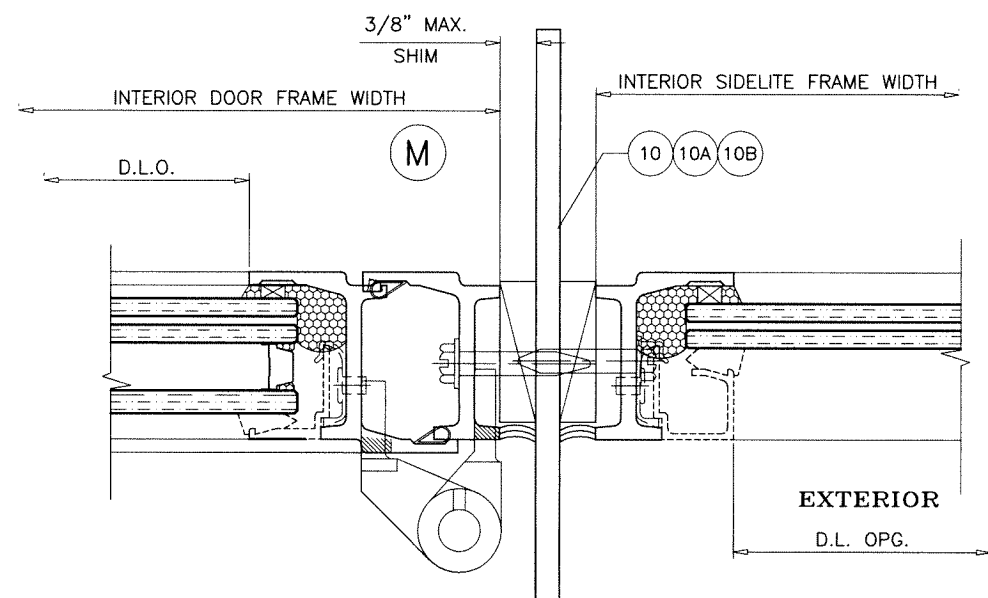
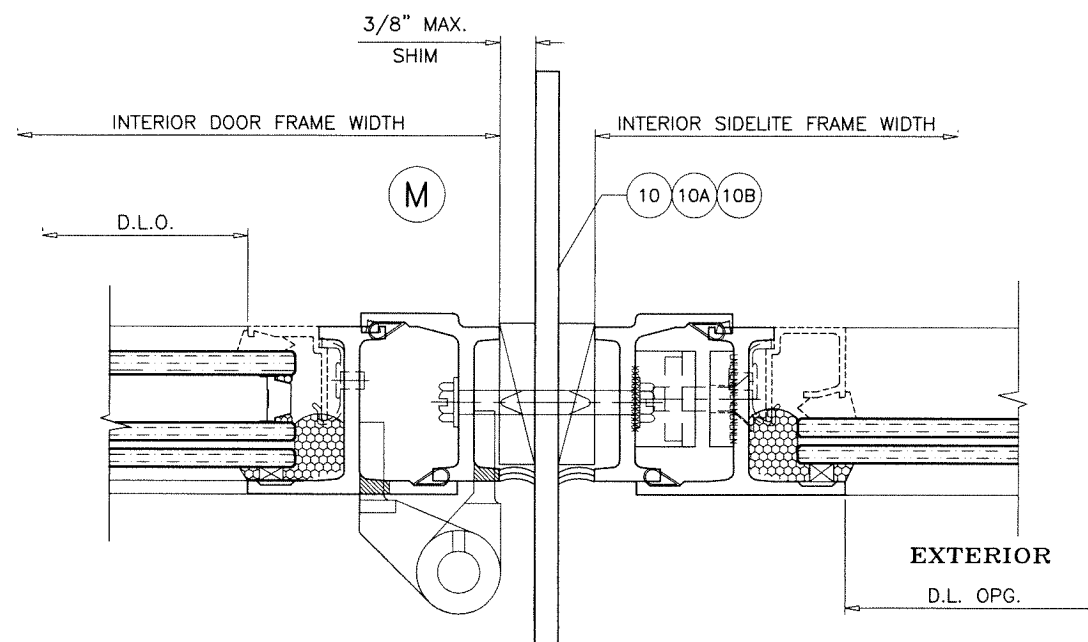
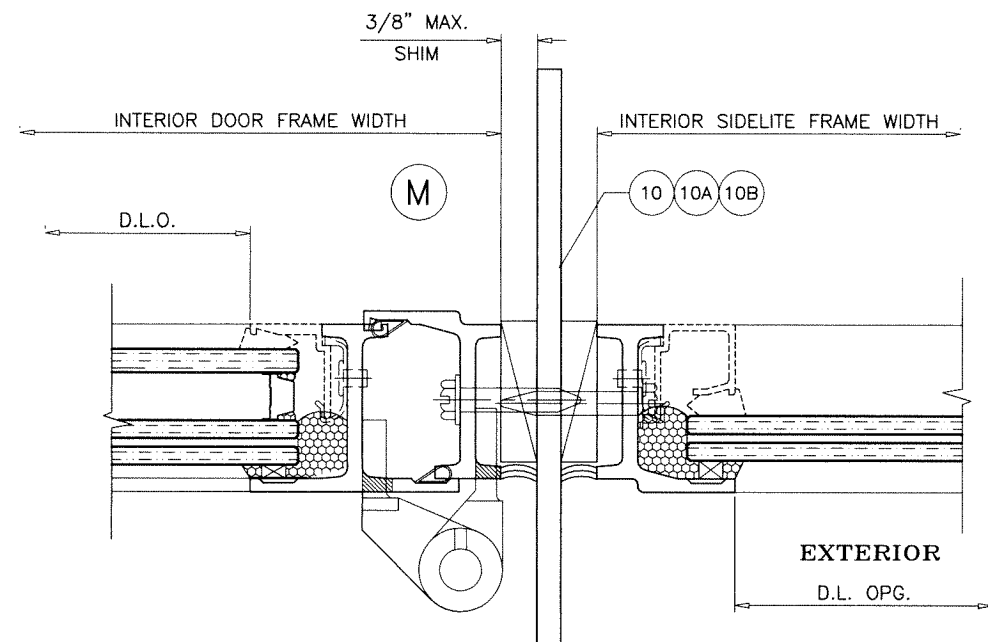
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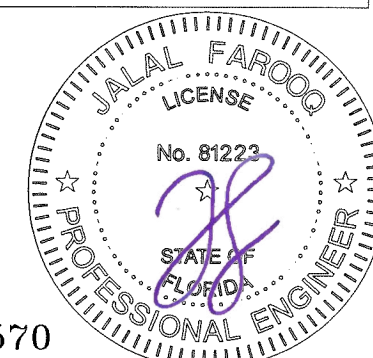
sheet 13 of 19



SIDELITE WITH DOOR DETAILS

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Jamestown 175 Steel Outswing Entrance Door (L.M.I.)

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84 Hopkins Ave, P.O. Box 580
Jamestown, New York 14701

84 HOPKINS AVE, P.O. BOX 380
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TEL (716) 665-5124 FAX (716) 665-5125

Tel. (716) 665-5124 Fax. (716) 665-3365

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TEL. (303) 264-
FBPE #3538

COMP-ANL\25-

COMP-ANL\25-52F-HWI

revisions:
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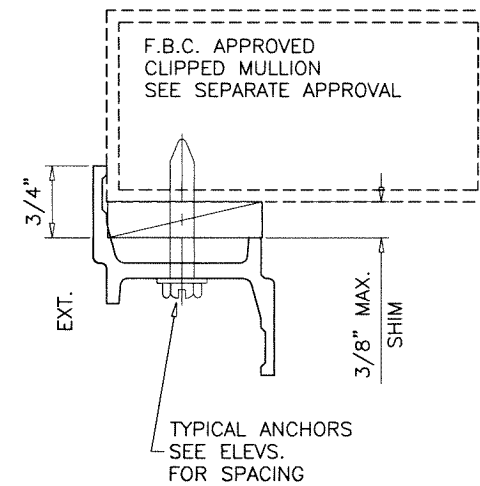
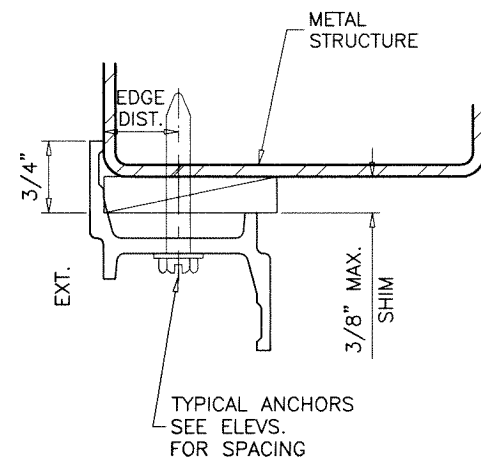
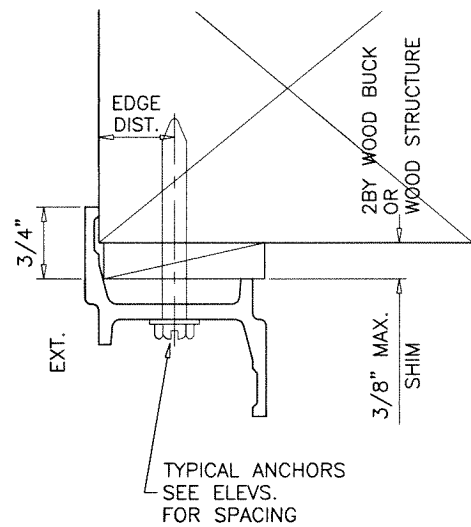
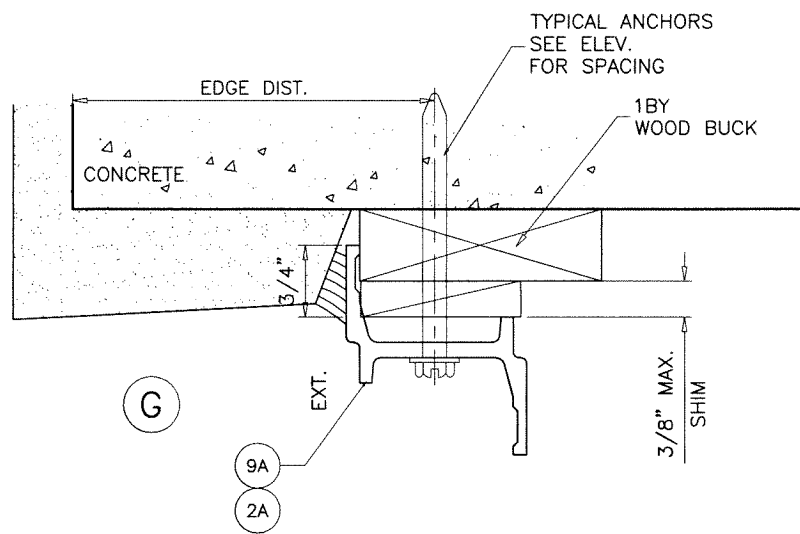
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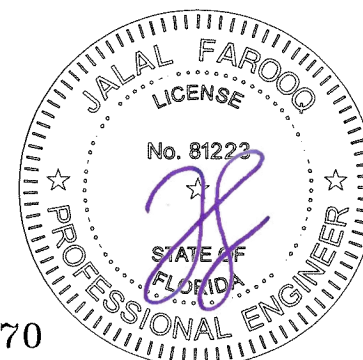
sheet 14 of 19



INSTALLATION DETAILS WITH LONG LEG FRAMES AT HEAD/SILL AND JAMBS
SEE SHEETS 7 THRU 14 FOR DOOR/TRANSOM/SIDELITE DETAILS

Sealed: 8/20/2026

FL #47570



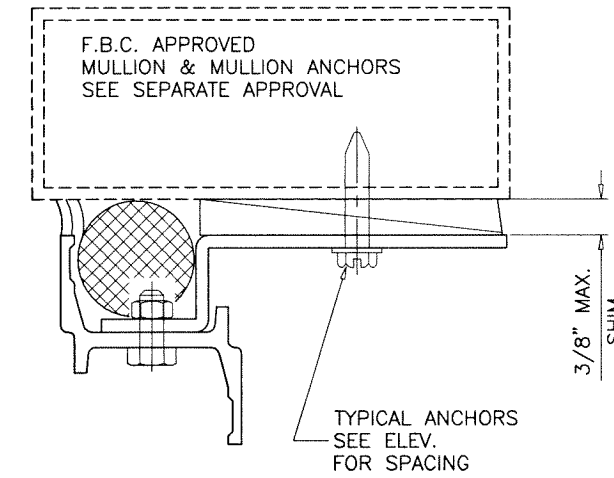
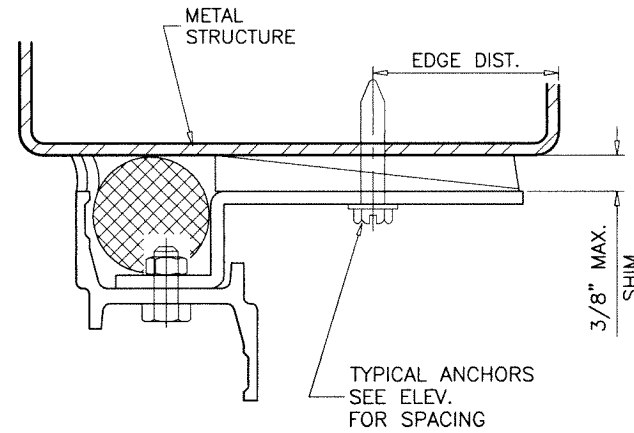
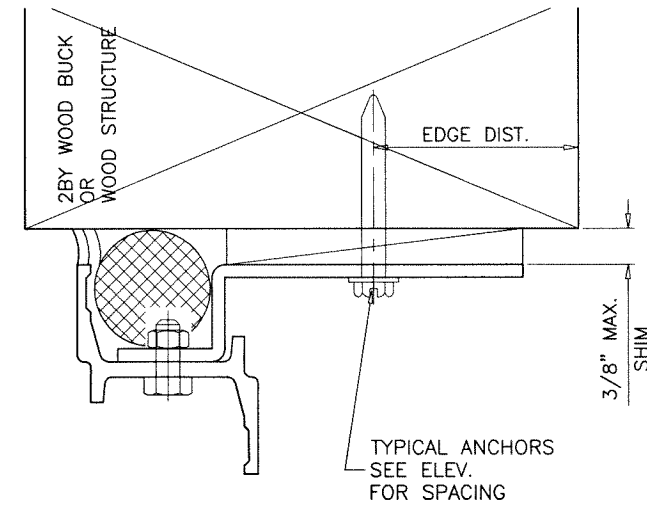
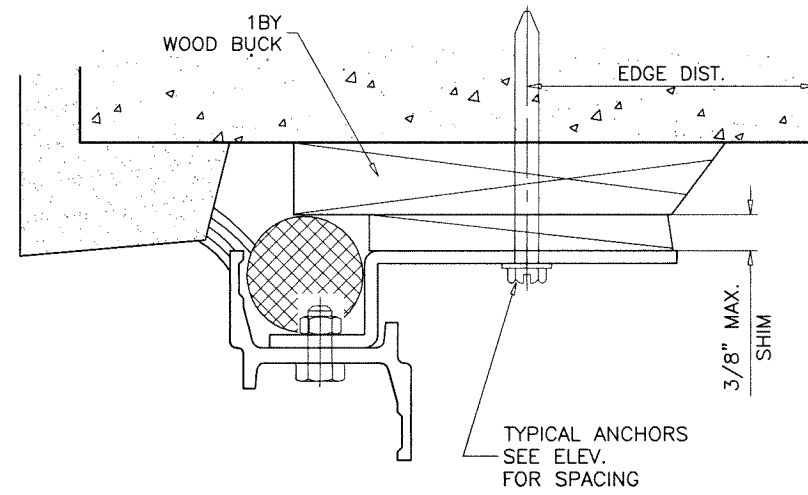
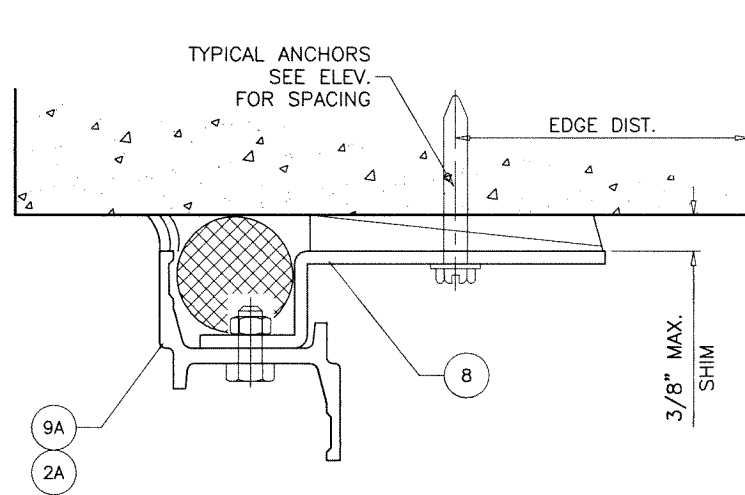
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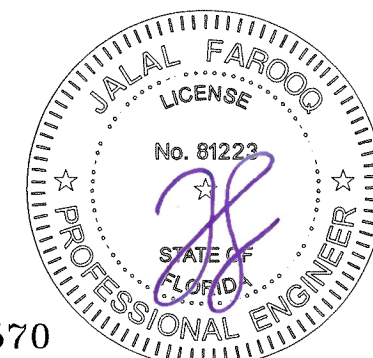
drawing no.
25-52F
sheet 15 of 19



INSTALLATION DETAILS WITH STRAP ANCHOR AT HEAD/SILL AND JAMBS
SEE SHEETS 7 THRU 14 FOR DOOR/TRANSOM/SIDELITE DETAILS

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25-52F
sheet 16 of 19

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	175M	—	DOOR LEAF (INT. GLAZED)	STEEL	A36, Fu MIN. = 58 KSI
2	175A	—	DOOR/TRANSOM/SIDELITE FRAME (EQUAL LEG)	STEEL	A36, Fu MIN. = 58 KSI
2A	175T/M	—	TRANSOM/SIDELITE FRAME (LONG LEG)	STEEL	A36, Fu MIN. = 58 KSI
3	T175L	—	MUNTIN	STEEL	A36, Fu MIN. = 58 KSI
4	—	—	12 GA. STD. BOTTOM RAIL	ST. STEEL	AISI TYPE 316
4A	—	—	12 GA. HIGH BOTTOM RAIL	ST. STEEL	AISI TYPE 316
4.1	—	—	12 GA. SIDELITE BOTTOM RAIL	ST. STEEL	AISI TYPE 316
5	—	—	12 GA. LOCK STILE (INACTIVE)	ST. STEEL	AISI TYPE 316
6	—	—	12 GA. LOCK STILE (ACTIVE)	ST. STEEL	AISI TYPE 316
5A/6A	—	—	12 GA. ALT. LOCK STILE (ACTIVE OR INACTIVE)	ST. STEEL	AISI TYPE 316
7	—	—	THRESHOLD (DOOR)	6063-T5	—
7A	—	—	THRESHOLD ASSEMBLY (SIDELITE)	5052-H32	Fy = 23 KSI, Fu MIN. = 31 KSI
8	—	—	10 GA. ANCHOR CLIP.	STEEL	A36, Fu MIN. = 58 KSI
9	175T	—	DOOR LEAF (EXTERIOR GLAZED)	STEEL	A36, Fu MIN. = 58 KSI
9A	175T	—	DOOR/TRANSOM/SIDELITE (LONG LEG)	STEEL	A36, Fu MIN. = 58 KSI
10	—	—	1/2" X 4" MULLION	STEEL	A36, Fu MIN. = 58 KSI
10A	—	—	5/8" X 4" MULLION	STEEL	A36, Fu MIN. = 58 KSI
10B	—	—	1/4" X 6" MULLION	STEEL	A36, Fu MIN. = 58 KSI
10C	—	—	1/4" X 4" MULLION	STEEL	A36, Fu MIN. = 58 KSI
11	—	—	GLAZING BEAD (LAM. GLASS)	6063-T5	—
11A	—	—	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T5	—
11B	—	—	RETAINER	6063-T5	—
12	—	—	GLAZING BEAD (LAM. GLASS)	6063-T5	—
12A	—	—	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T5	—
12B	—	—	RETAINER	6063-T5	—
13	—	—	GLAZING BEAD (SHAPED UNITS)	6063-T5	—
14	—	—	RETAINER SCREWS	STEEL	—
15	TR496E	—	GLAZING WEDGE (LAM. GLASS)	—	—
15A	PS1125E	—	GLAZING WEDGE (INSUL. LAM. GLASS)	—	—
16	TR2178W	2/ SIDE	GLAZING SPACER (LAM. GLASS)	SILICONE	3/16" X 1/4" X 2" LONG
16A	TR1488W	2/ SIDE	GLAZING SPACER (INSUL. LAM. GLASS)	SILICONE	1/8" X 1/4" X 2" LONG
17	—	—	SETTING BLOCKS (LAM. GLASS) AT 1/4 PONTS	SILICONE	1/4" X 1/2" X 4" LONG
17A	—	—	SETTING BLOCKS (INSUL. LAM. GLASS) AT 1/4 POINTS	SILICONE	1/4" X 1-1/4" X 4" LONG
18	TR11689E	AS REQD.	FRAME W'STRIPPING	SPONGE	—
19	H638	—	LEAF W'STRIPPING	SILICONE	—
20	237/237S	AS REQD.	PIVOT HINGES	ALUM/BRONZE	—
24	HLS-9000	—	MULTI POINT LOCK	ST. STEEL	G-U RHINO / HOPPE HLS 9000
25	—	—	—	—	—

MULTI POINT LOCK:

ACTIVE LEAF: (OPTION #1)

MULTI POINT LOCK SYSTEM BY 'G-U RHINO' AT 42" FROM BOTTOM
HANDLE ACTIVATES (5) DEAD BOLTS AT JAMB AND (2) SHOOT BOLTS ENGAGING AT HEAD AND SILL KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR

ACTIVE LEAF: (OPTION #2)

MULTI POINT LOCK SYSTEM HLS-9000 AT 42" FROM BOTTOM
HANDLE ACTIVATES (4) DEAD BOLTS AT JAMB AND (2) SHOOT BOLTS ENGAGING AT HEAD AND SILL KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR

INACTIVE LEAF:

CONCEALED FLUSH BOLTS (FB-458)
MANUALLY OPERATED LEVERS MOUNTED ON EDGE OF LEAF STILE LOCATED AT 18" AND 72" FROM BOTTOM

HINGES:

PIVOT HINGES BY 'HOPE'S' AT 4" FROM ENDS AND 31" O.C. MAX.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE SEALANT.

Sealed: 8/20/2026



FL #47570

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AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

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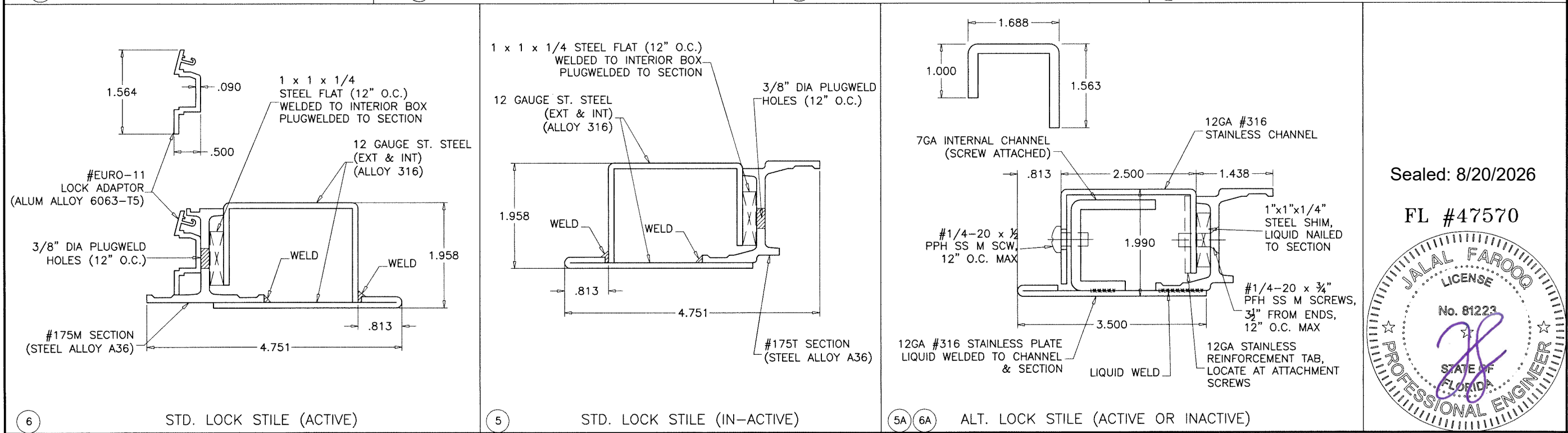
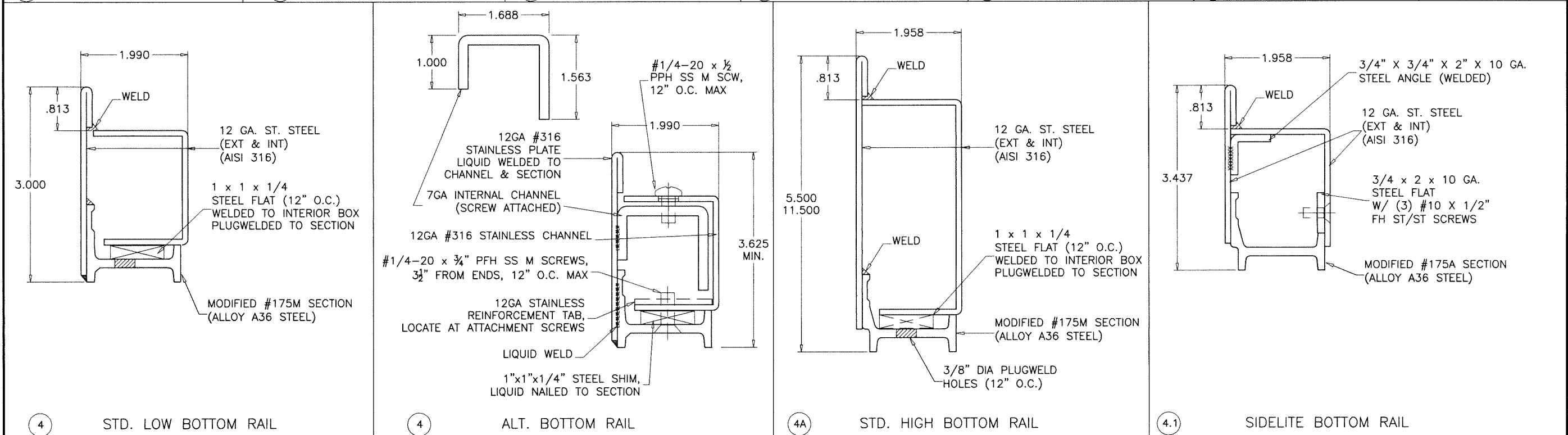
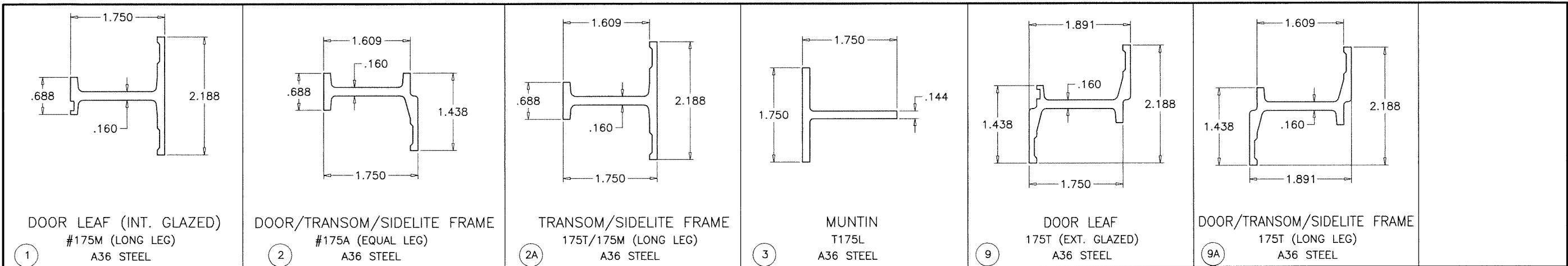
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sheet 17 of 19



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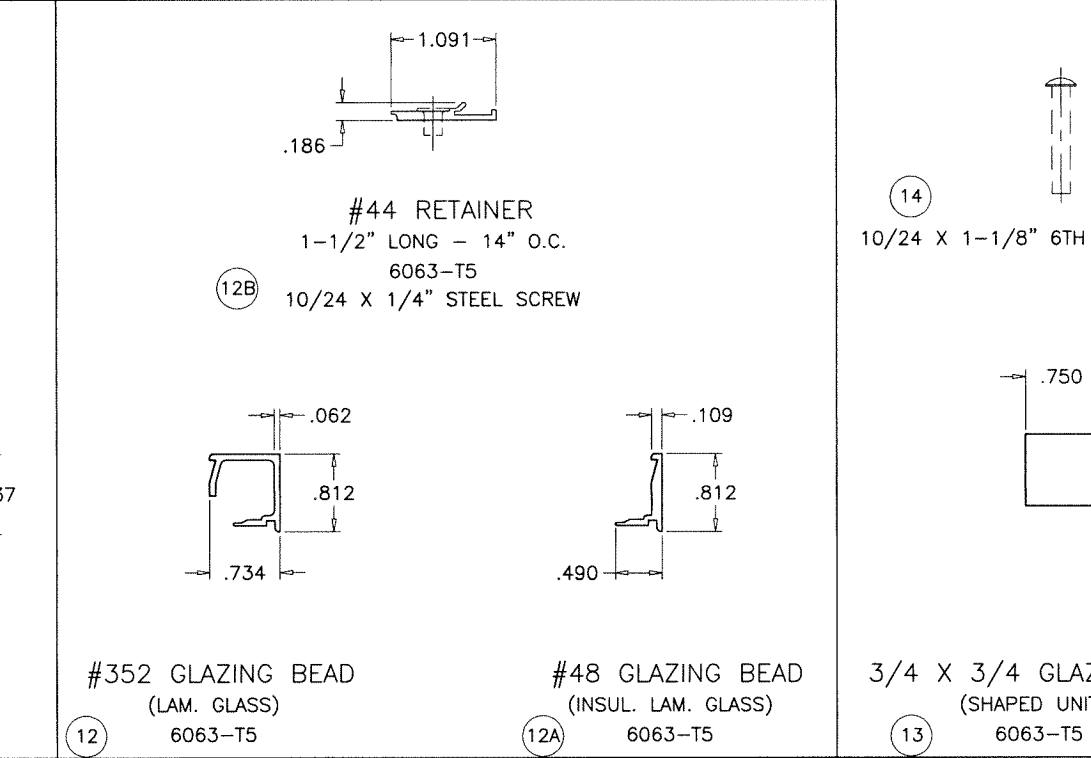
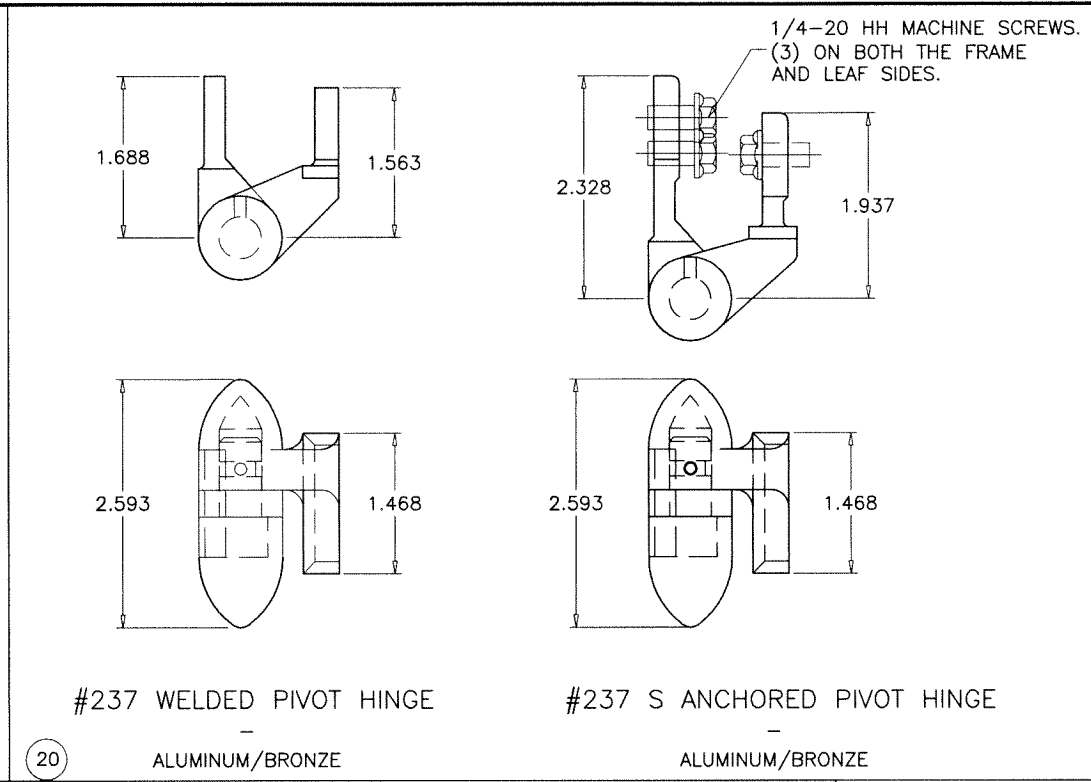
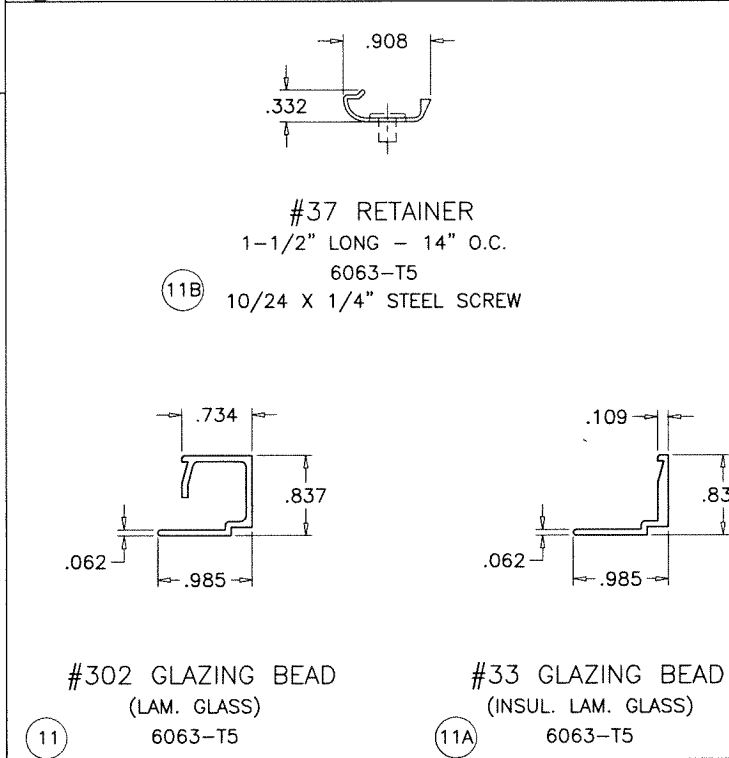
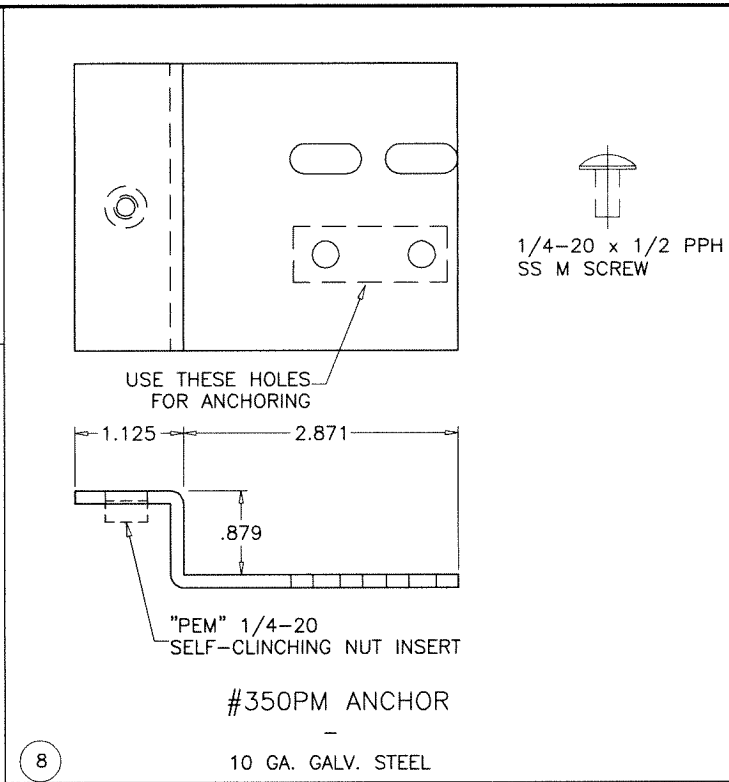
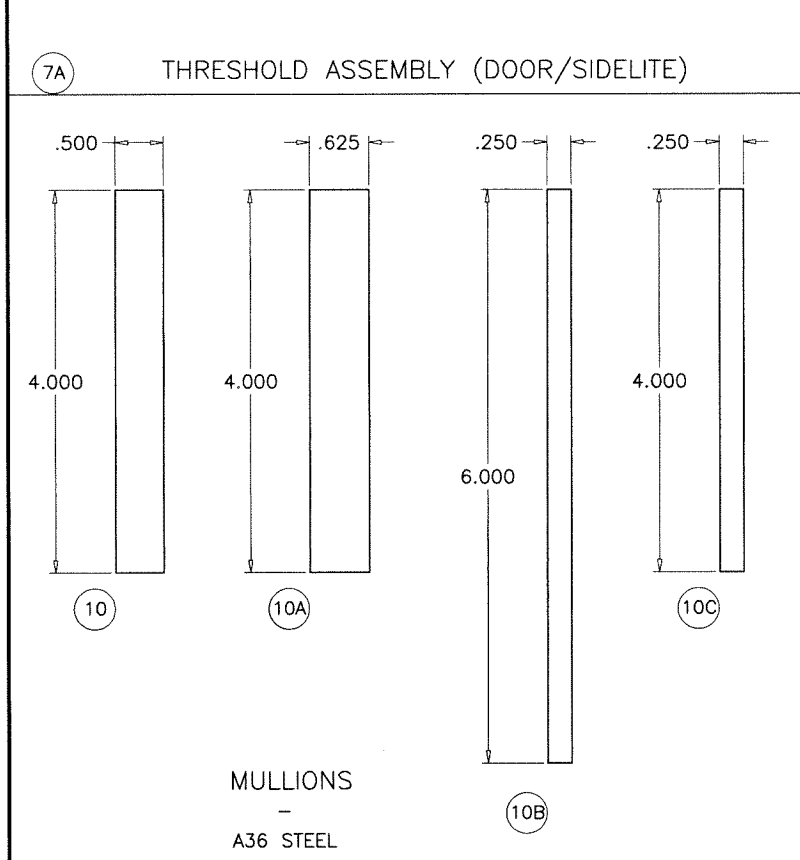
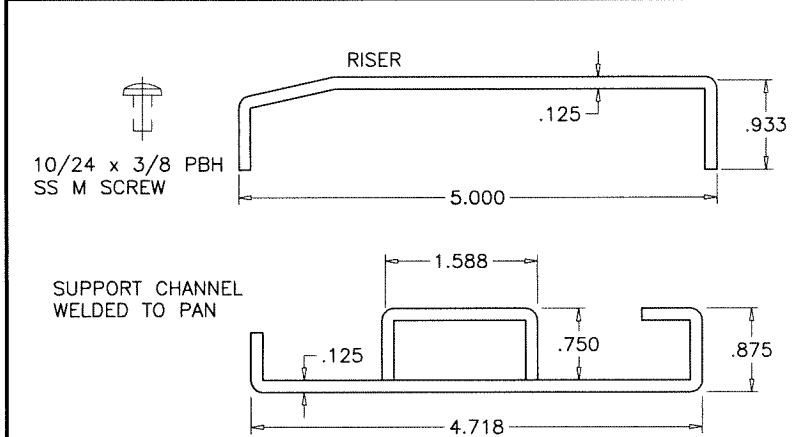
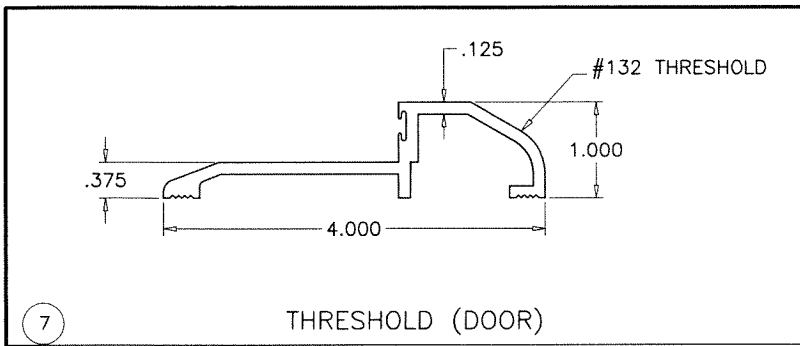
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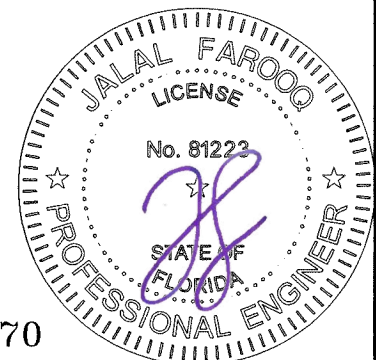
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