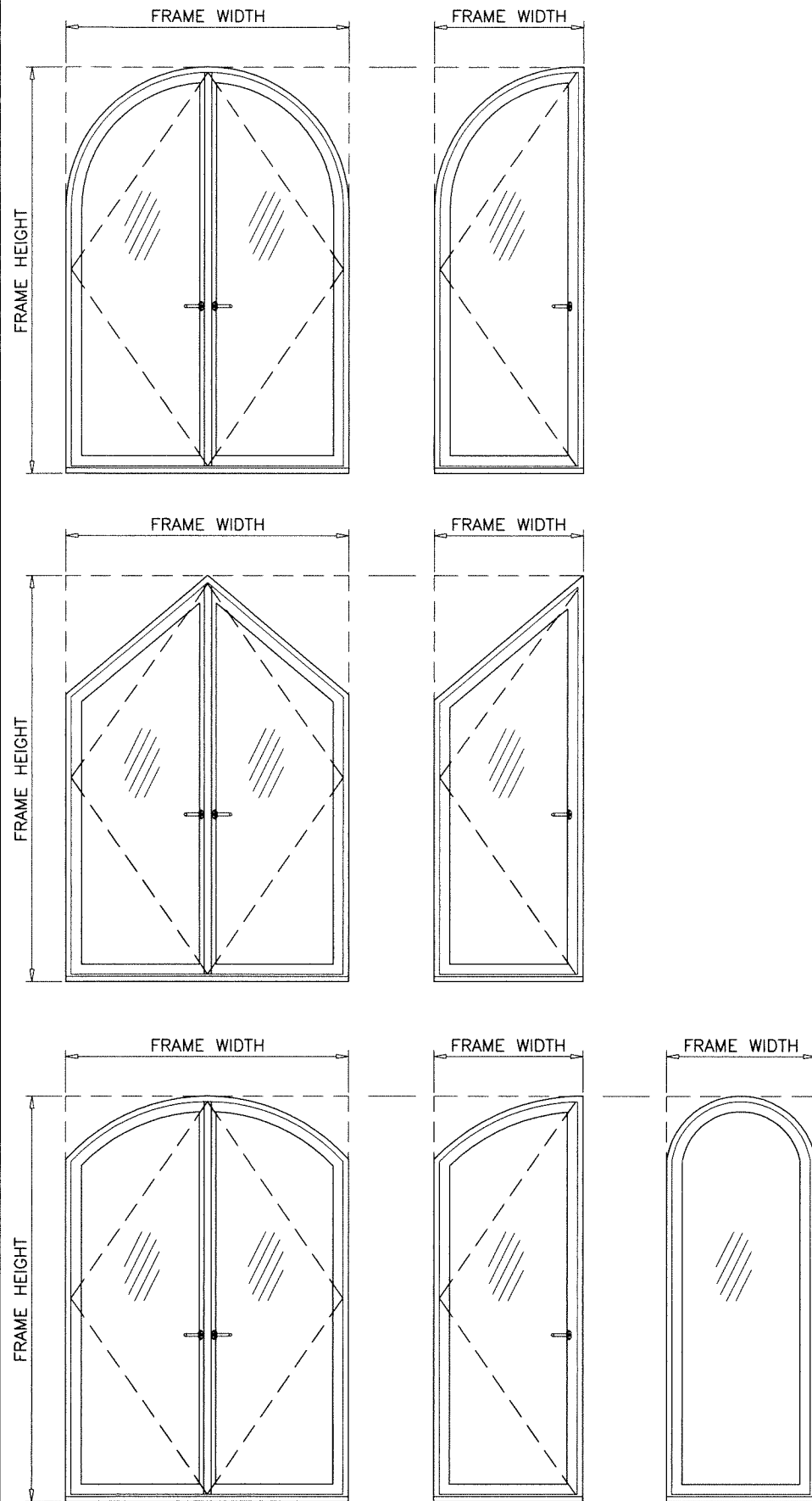




ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

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 INSWING 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.

DOORS WITH DRAIN CHANNEL APPROVED FOR INSTALLATIONS
WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
DOORS WITHOUT DRAIN CHANNEL NOT APPROVED FOR WATER
INFILTRATION RESISTANCE.

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)'.

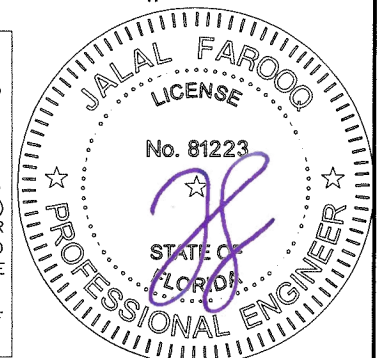
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

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.

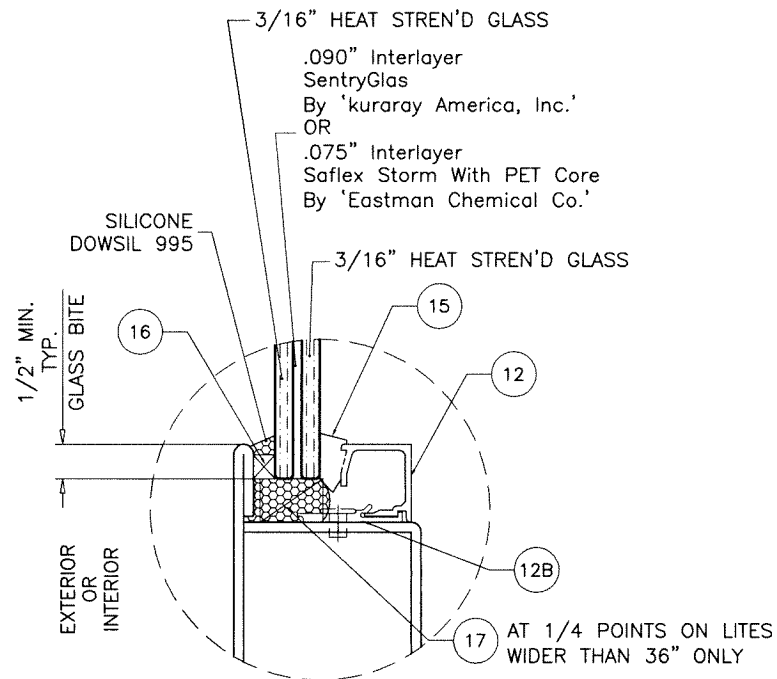


af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
COMP-ANL \ 25-54F-HWI
FBPE #3538

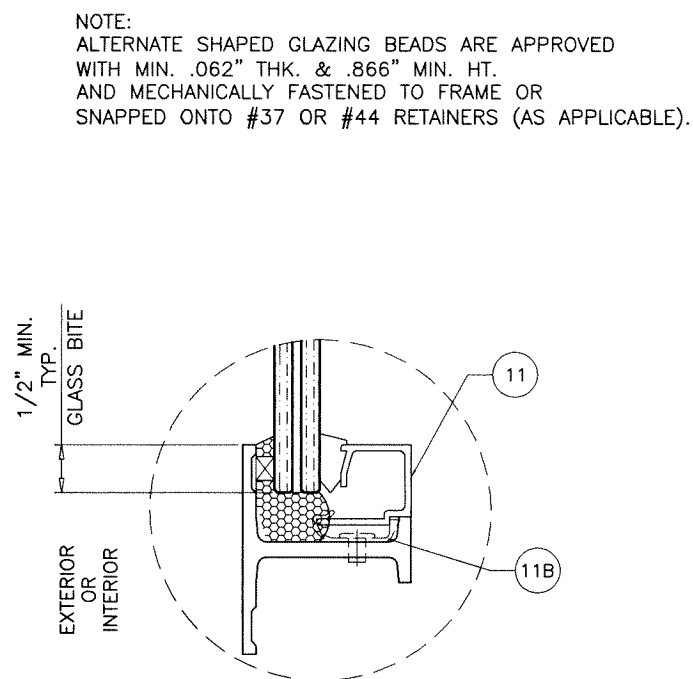
Jamestown 175 Steel Inswing Entrance Door (L.M.I.)

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

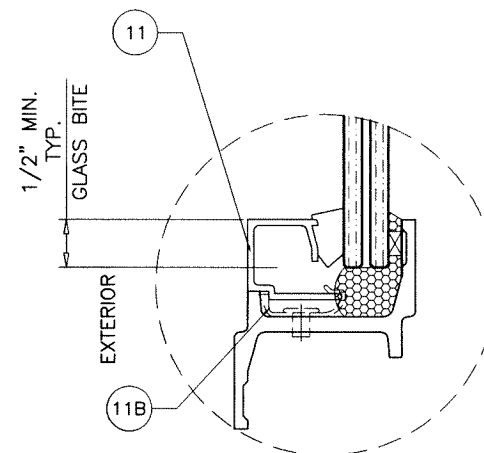
revisions:		no	date	by	description
		A	07.31.26		UPDATED TO 2026 FBC
date: 04-30-25					
scale: -					
dr. by: TARIQ					
chk. by:					
drawing no.					
25-54F					
sheet 1 of 19					



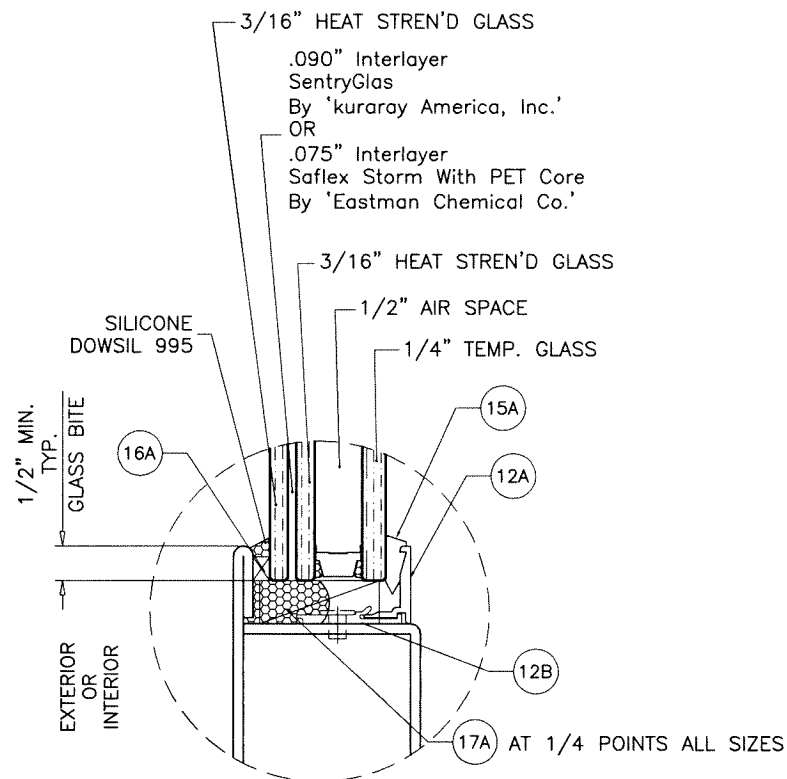
GLASS TYPE 'A' (DOOR & SIDELITE)
7/16" INSUL. LAM. GLASS



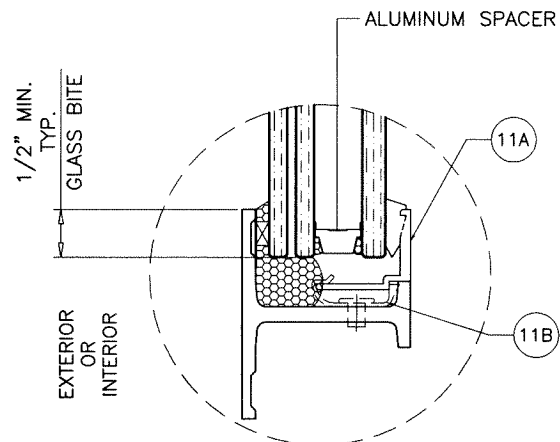
GLASS TYPE 'A' (TRANSOM & SIDELITE)
7/16" INSUL. LAM. GLASS



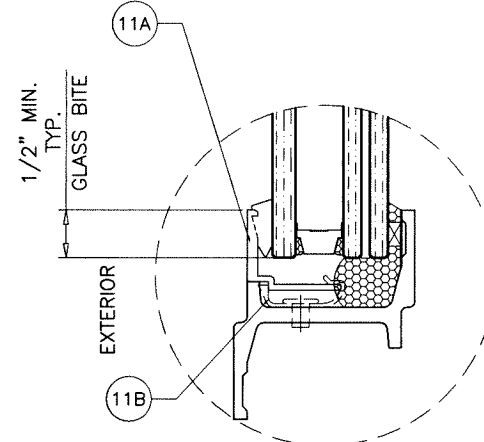
GLASS TYPE 'A' (TRANSOM & SIDELITE)
7/16" INSUL. LAM. GLASS



GLASS TYPE 'Ai' (DOOR & SIDELITE)
1-1/4" LAM. INSUL. GLASS



GLASS TYPE 'Ai' (TRANSOM & SIDELITE)
1-1/4" INSUL. LAM. GLASS

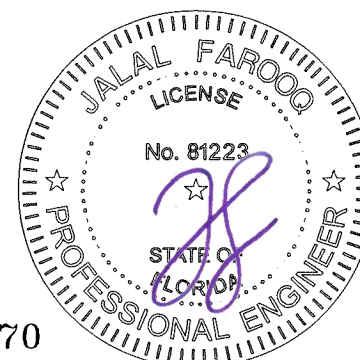


GLASS TYPE 'Ai' (TRANSOM & SIDELITE)
1-1/4" INSUL. LAM. GLASS

GLAZING OPTIONS

NOTE:
ALTERNATE SHAPED GLAZING BEADS ARE APPROVED
WITH MIN. .062" THK. & .866" MIN. HT.
AND MECHANICALLY FASTENED TO FRAME OR
SNAPPED ONTO #37 OR #44 RETAINERS (AS APPLICABLE).

Sealed: 8/20/2026

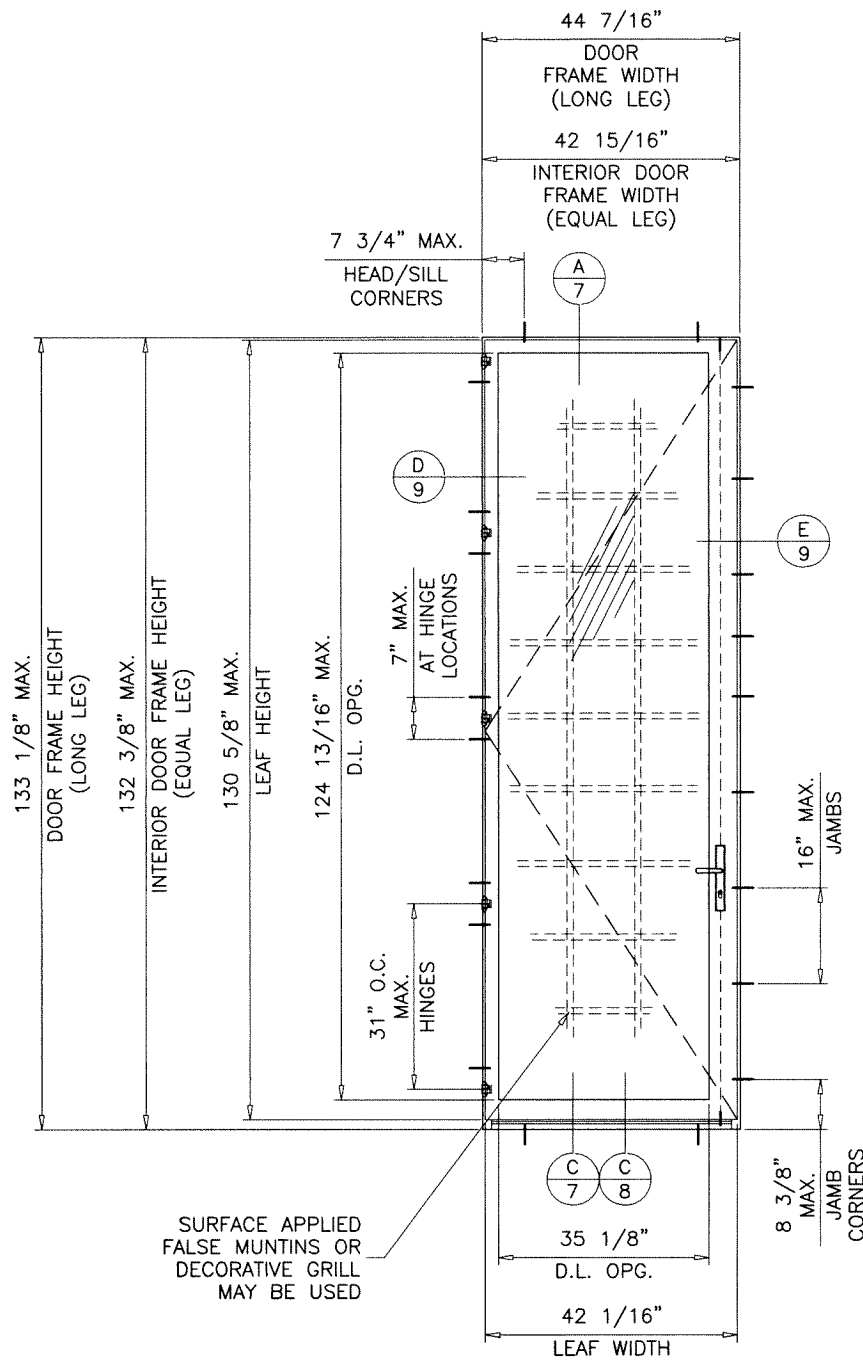


FL #47570

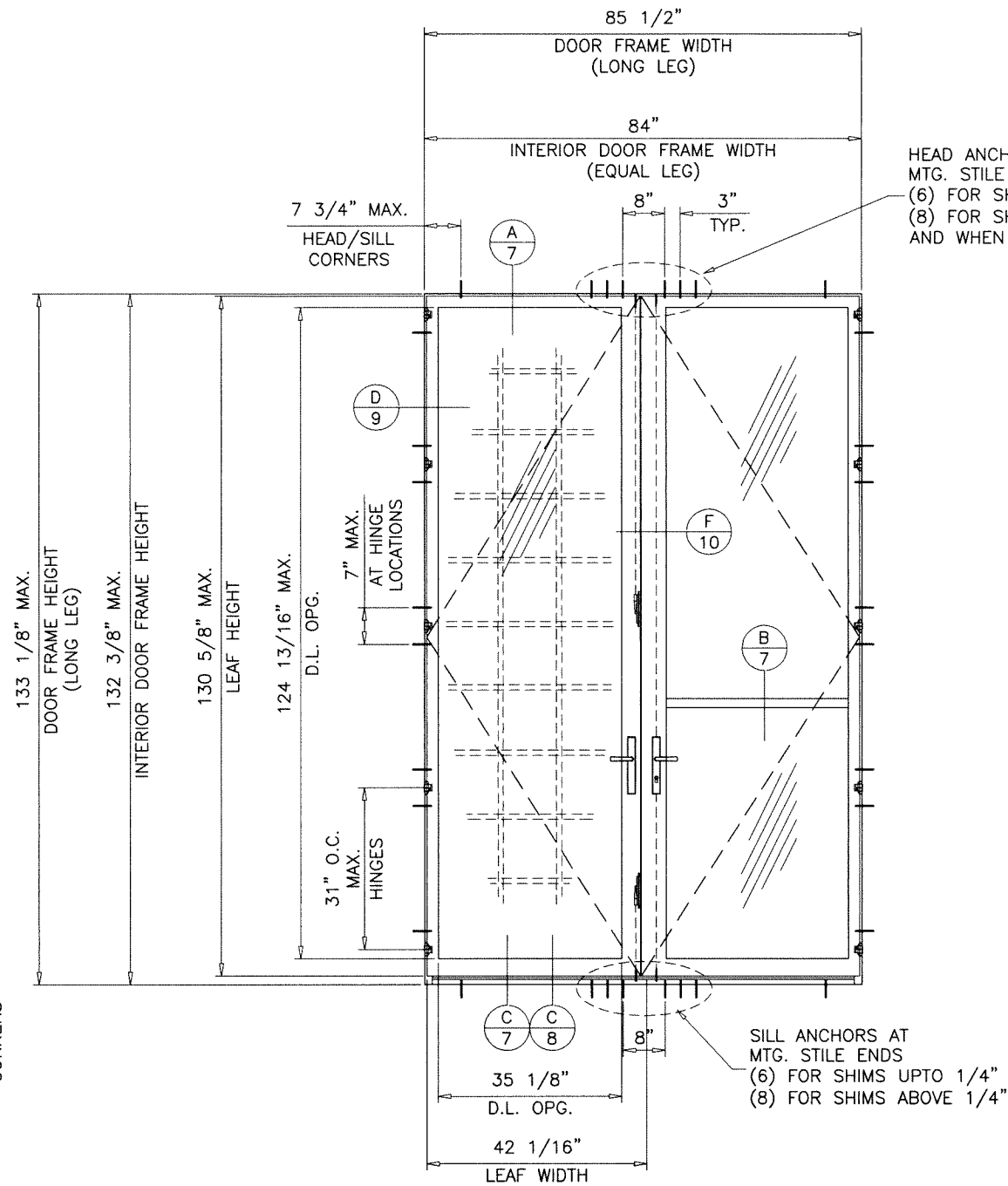
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-54F-HWI

Jameson 175 Steel Inswing 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	scale:	1/2" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	25-54F		
sheet	2 of 19		



TYPICAL ELEVATION
(X)



TYPICAL ELEVATION
(XX)

HEAD ANCHORS AT
MTG. STILE ENDS
(6) FOR SHIMS UP TO 1/4"
(8) FOR SHIMS ABOVE 1/4"
AND WHEN STRAP CLIP IS USED

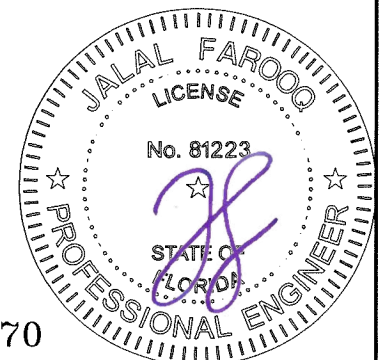
SILL ANCHORS AT
MTG. STILE ENDS
(6) FOR SHIMS UP TO 1/4"
(8) FOR SHIMS ABOVE 1/4"

SURFACE APPLIED
FALSE MUNTINS OR
DECORATIVE GRILL
MAY BE USED

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.

Sealed: 8/20/2026

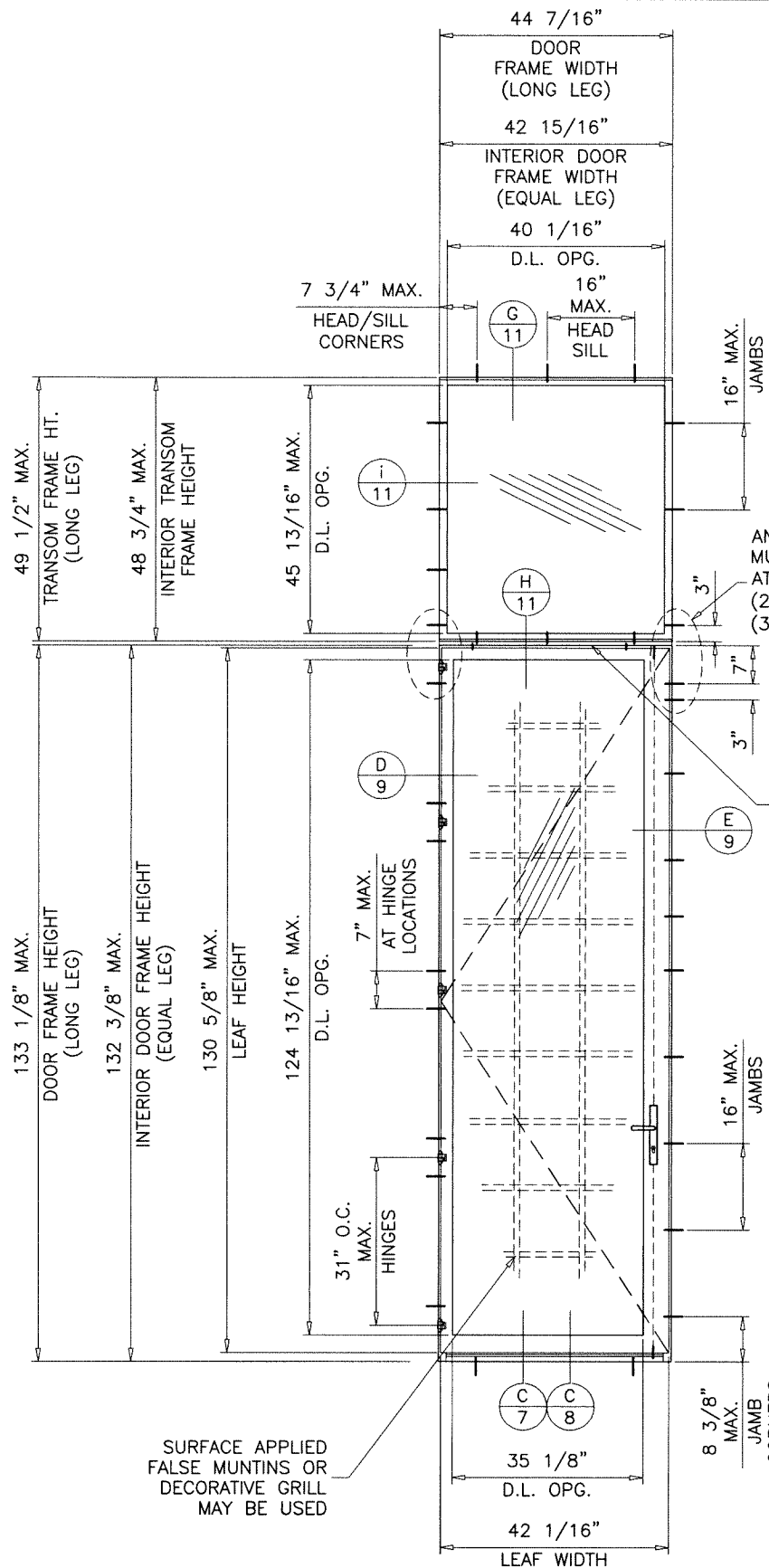


FL #47570

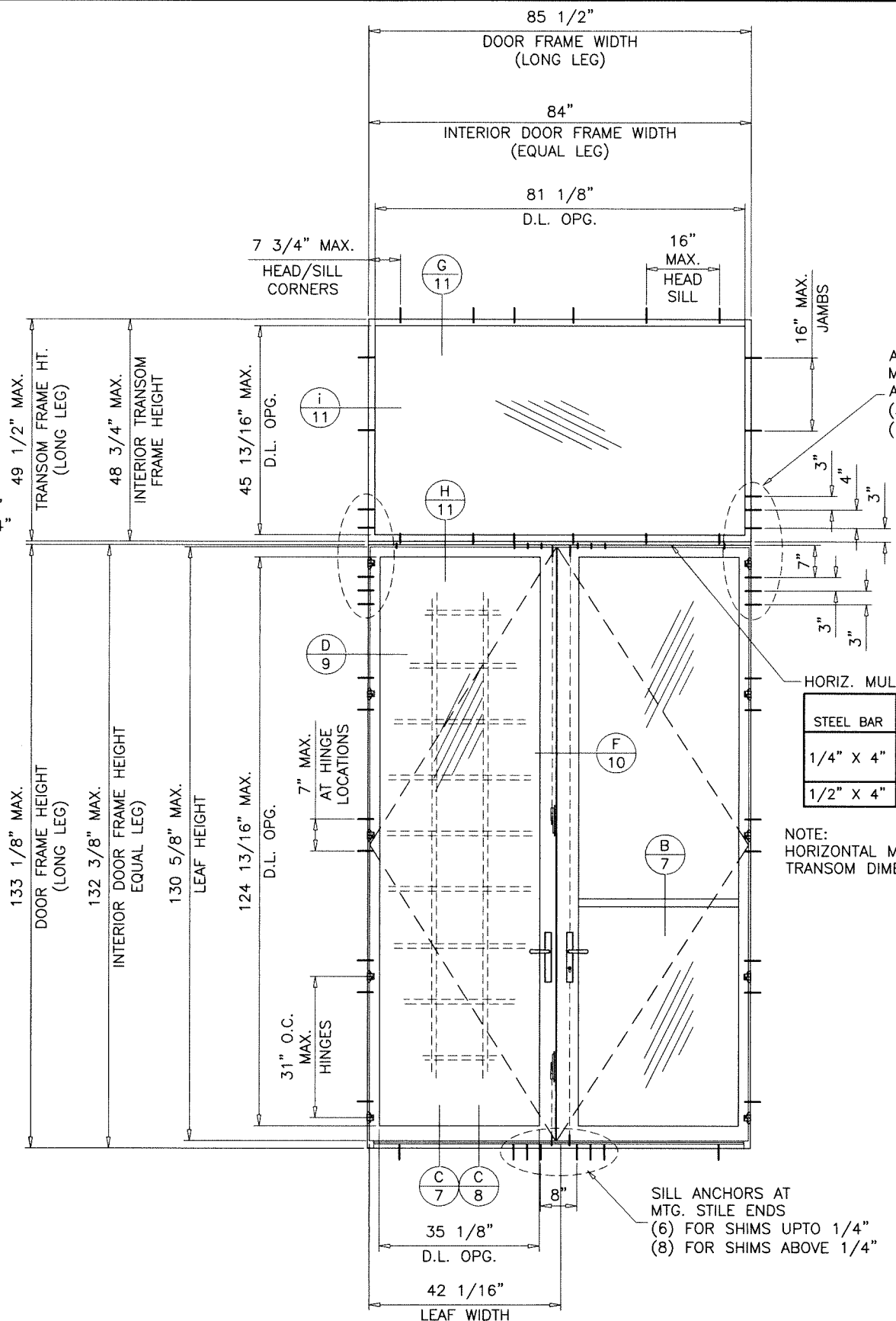
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-54F-HWI

Jamestown 175 Steel Inswing 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	scale:	3/8"=1'-0"
dr. by:	TARIQ	chk. by:	
drawing no.	25-54F	sheet	3 of 19



TYPICAL ELEVATION
(O/X)



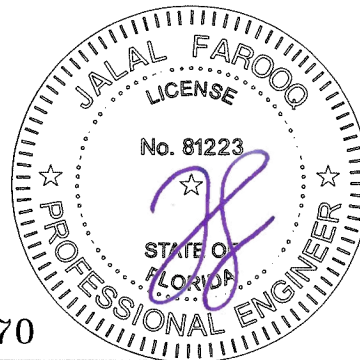
TYPICAL ELEVATION
(O/XX)

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.

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"	132-3/8"	65.0

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



Sealed: 8/20/2026

FL #47570

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

COMP-ANL\25-54F-HWI

Jamestown 175 Steel Inswing 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

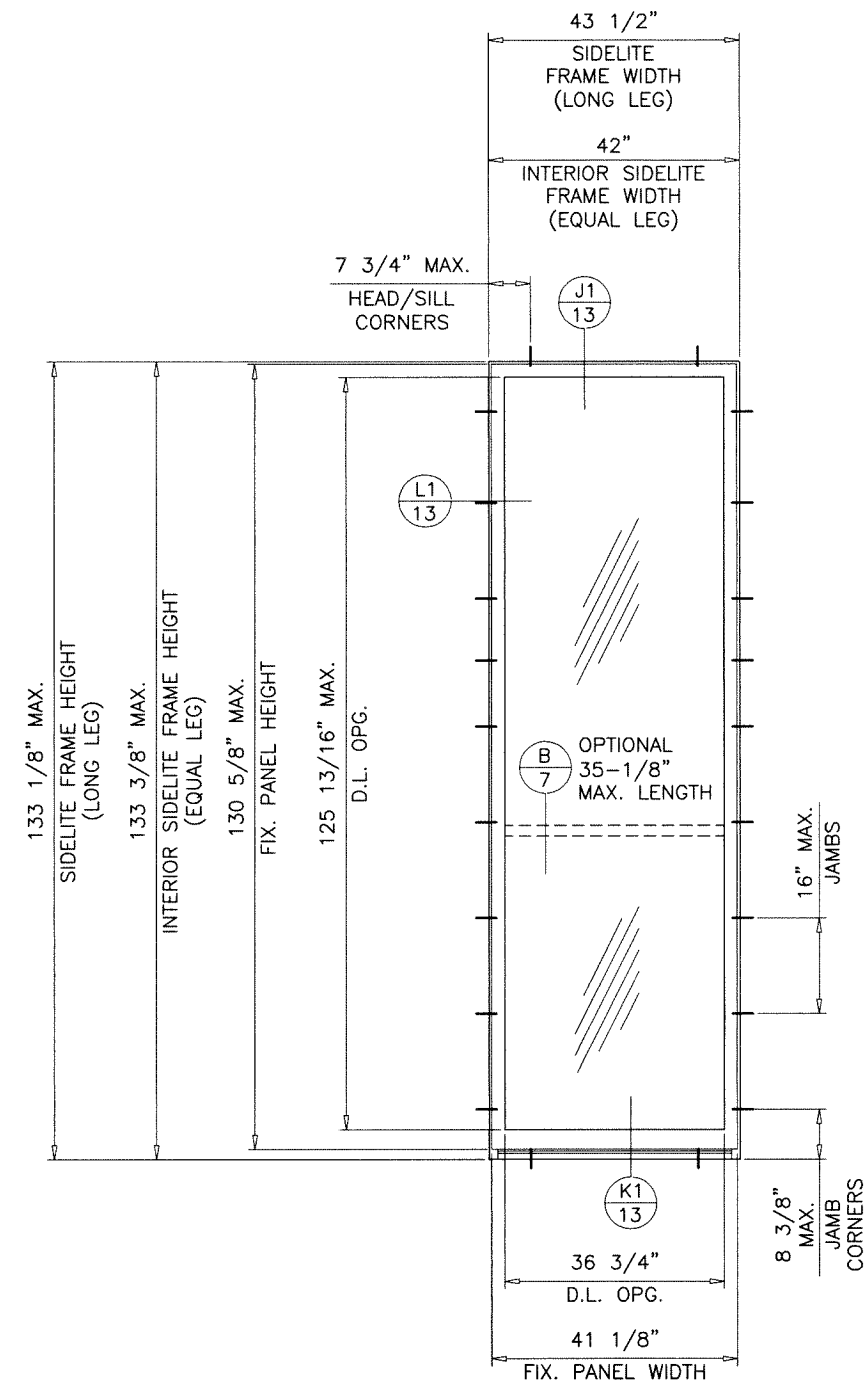
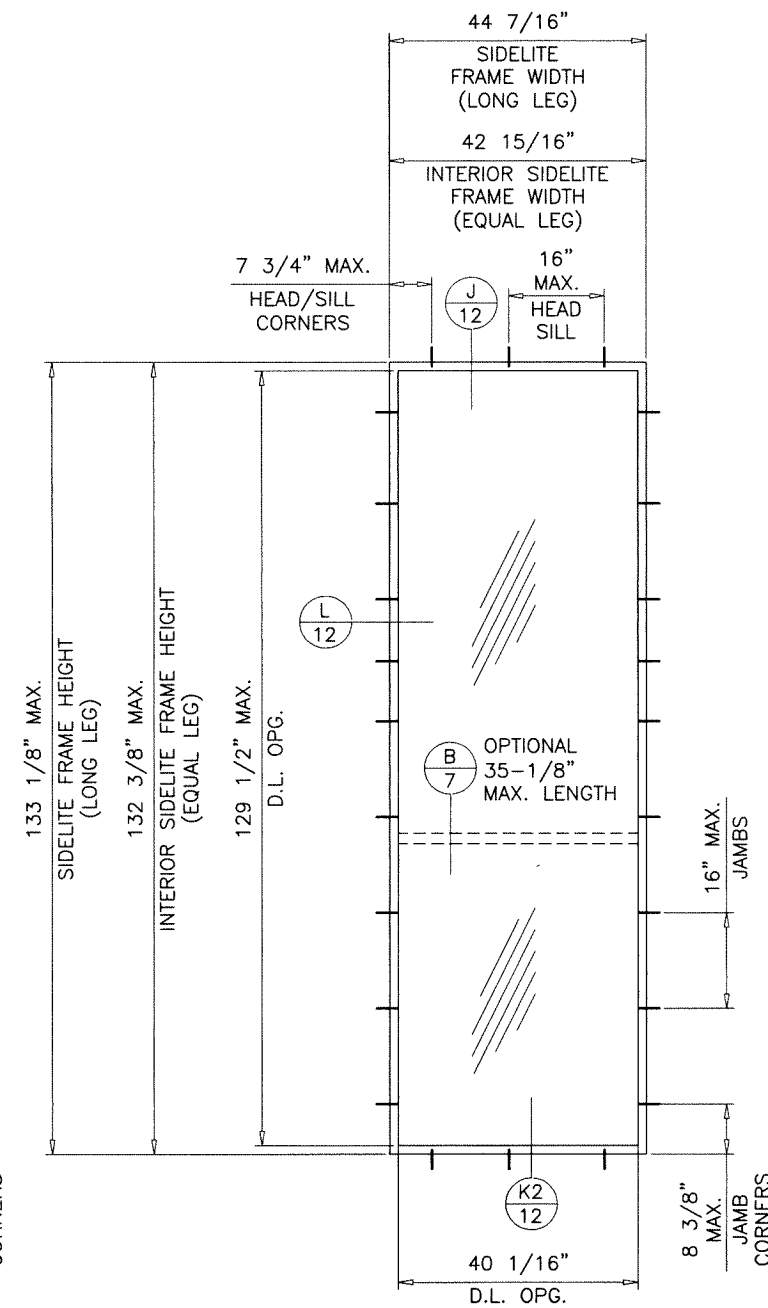
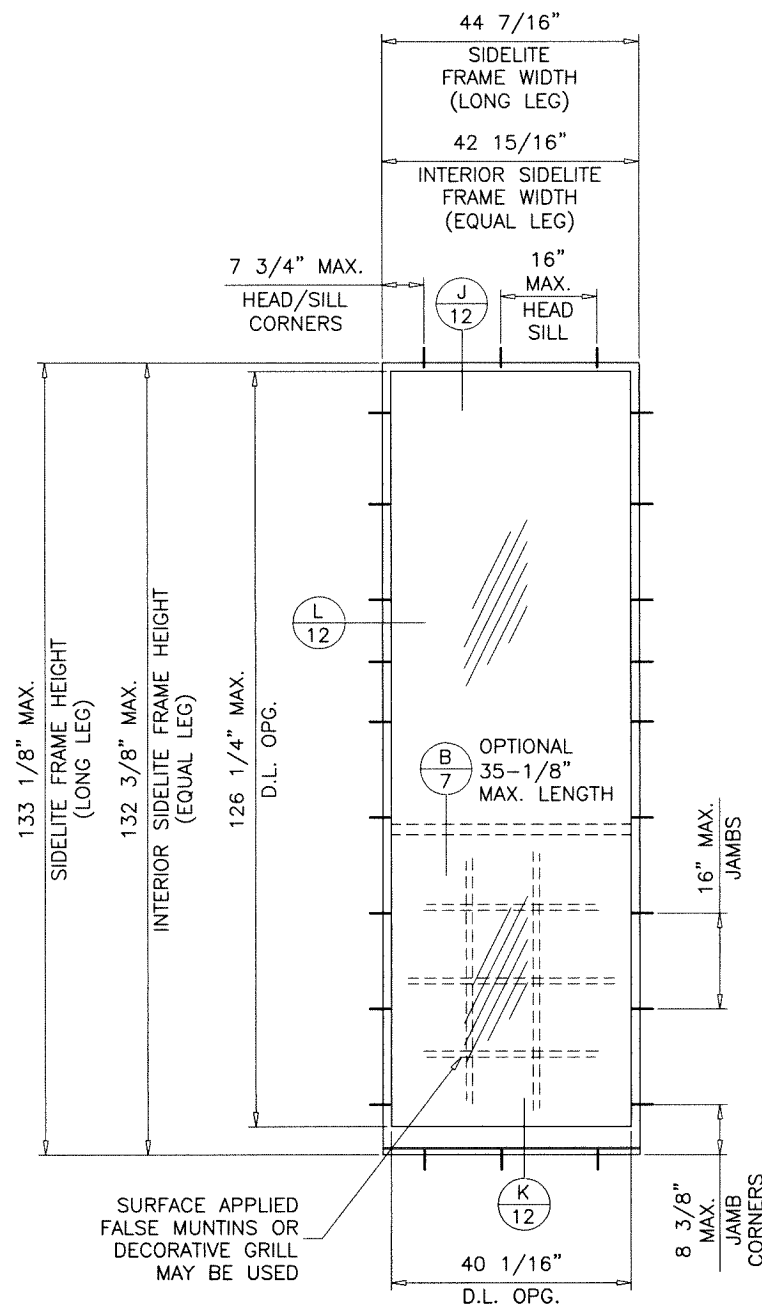
revisions:

no	date	by	description

date: 04-30-25
scale: 3/8"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
25-54F

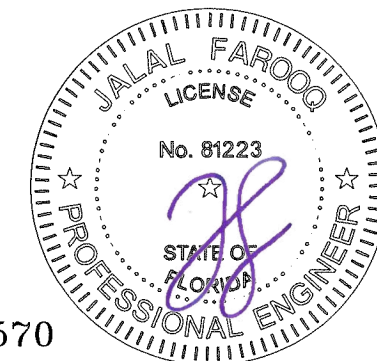
sheet 4 of 19



TYPICAL ELEVATION
(0)

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

Sealed: 8/20/2026



FL #47570

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-54F-HWI

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

Hope's Windows, Inc.

84 Hopkins Ave, P.O. Box 580

JAMESTOWN, NEW YORK 14701

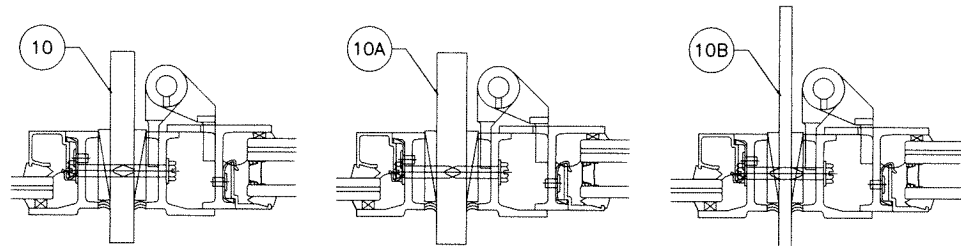
Tel. (716) 665-5124 Fax. (716) 665-3365

revisions:	no	date	by	description

date: 04-30-25	scale: 3/8"=1'-0"
dr. by: TARIQ	chk. by:

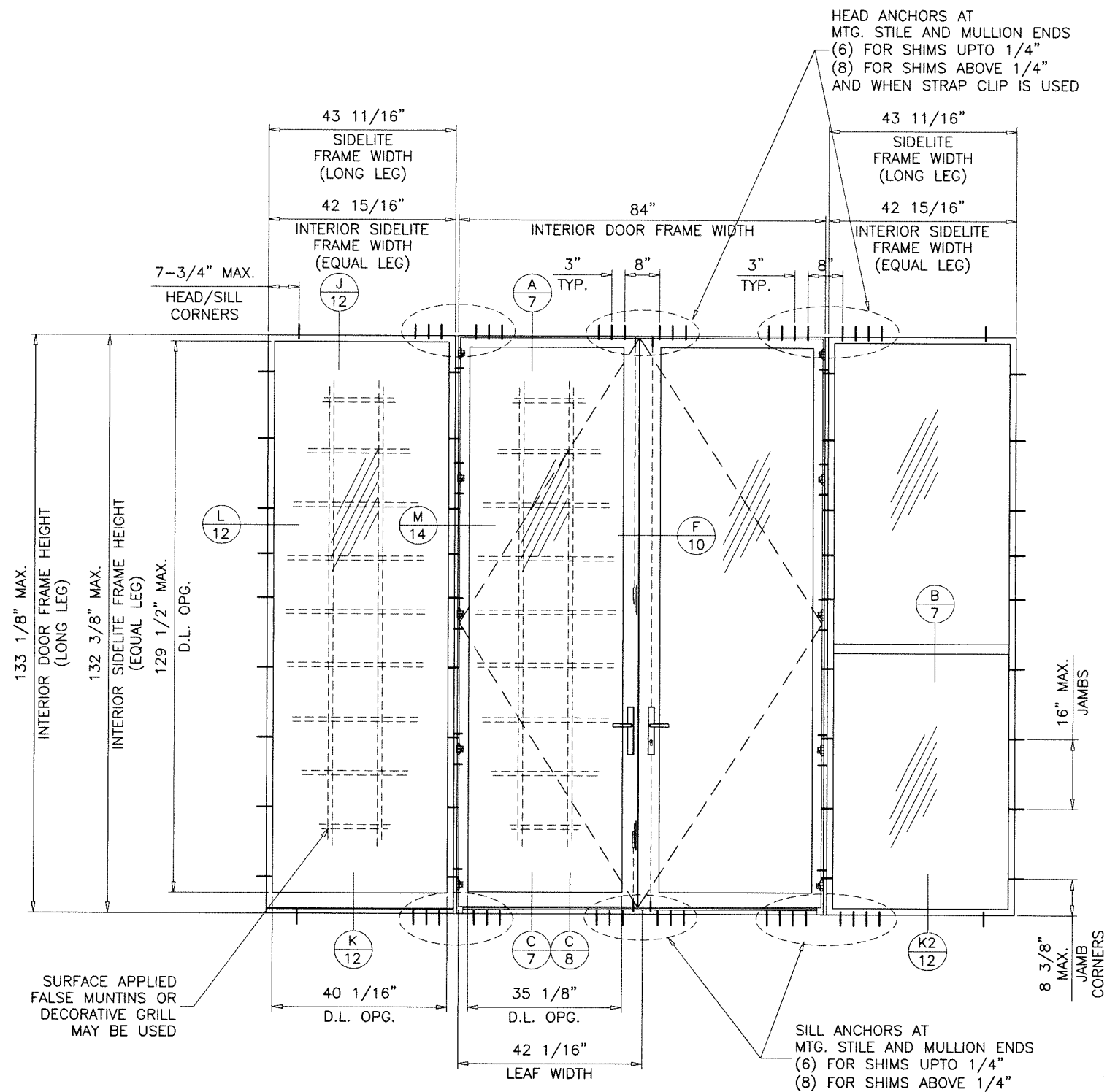
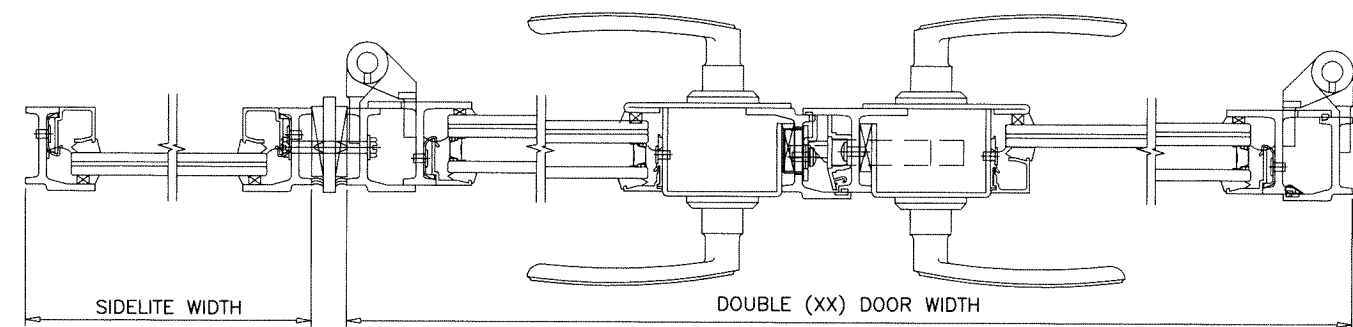
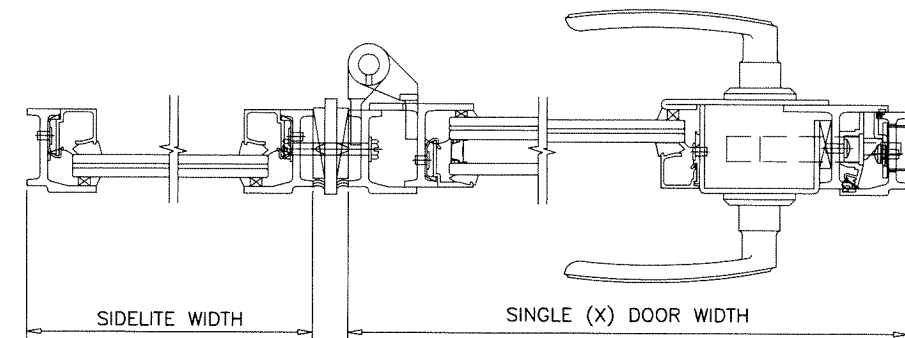
drawing no.
25-54F
sheet 5 of 19

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 EXT. (+) INT. (-)	5/8" X 4" STEEL BAR EXT. (+) INT. (-)	1/4" X 6" STEEL BAR EXT. (+) INT. (-)
24	114	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	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



DOOR TO SIDELITE MULLION

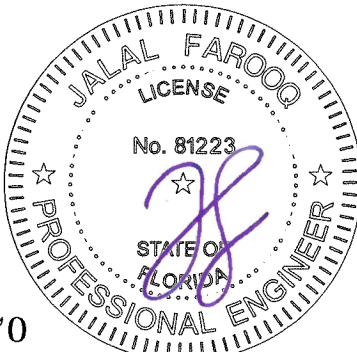
NOTE:
FOR DOORS AND SIDELITE CAPACITIES SEE SHEETS 2 & 3
FOR SIDELITE MULLION CAPACITY SEE CHART ABOVE
LOWER VALUES FROM DOORS, SIDELITE OR DOOR/SIDELITE
MULLION CHART WILL APPLY TO ENTIRE SYSTEM.



TYPICAL ELEVATION
(O-XX-O)

Sealed: 8/20/2026

FL #47570



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
FBBP # 3538
WWW.AFCENG.COM
COMP-ANL\25-54F-HW

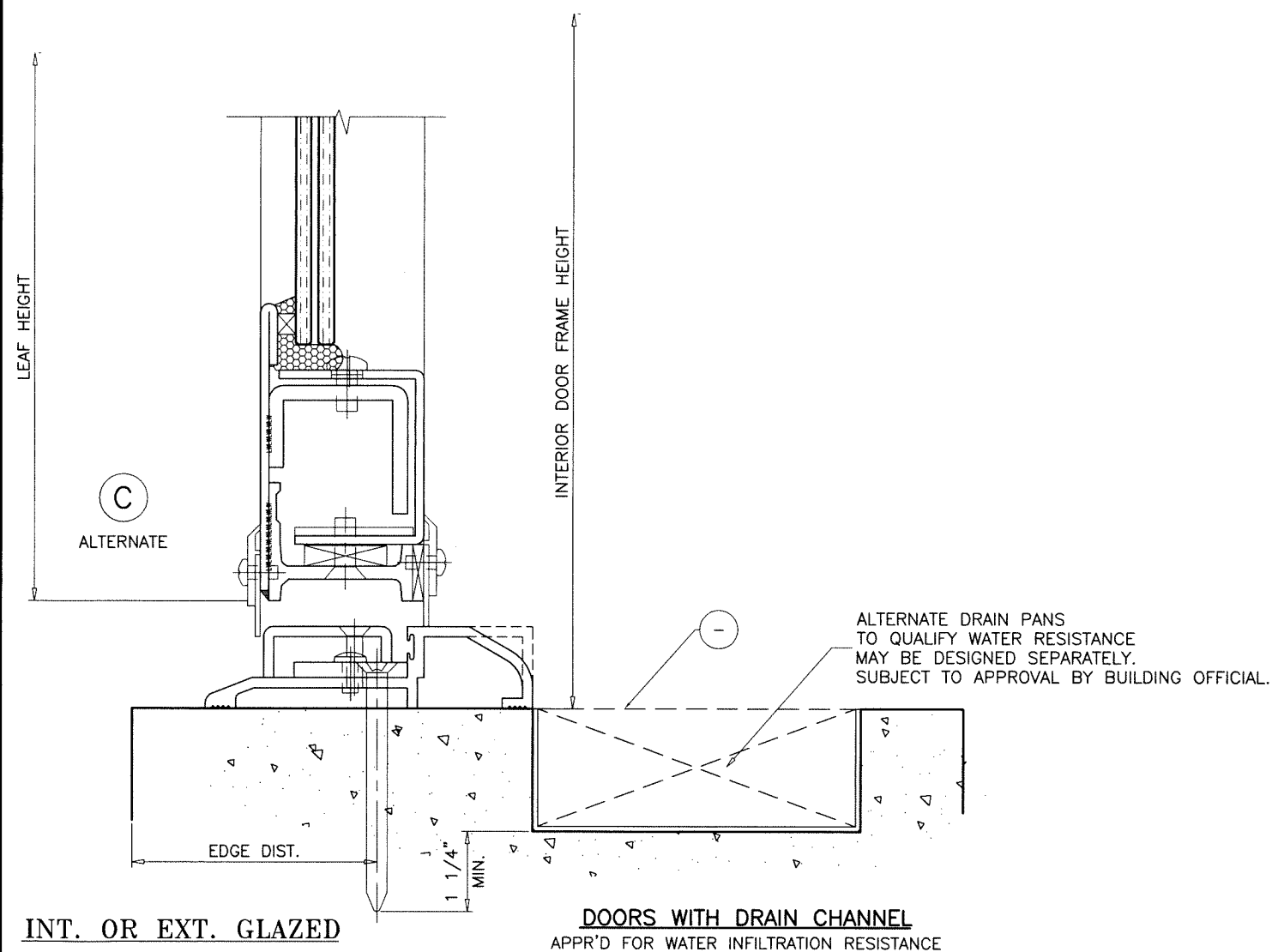
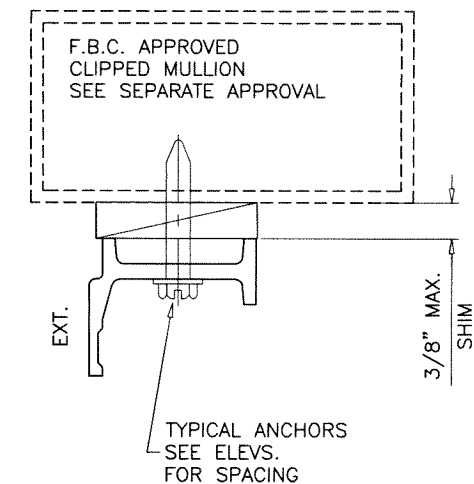
Jamestown 175 Steel Inswing Entrance Door (L.M.I.)
Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
JAMESTOWN, NEW YORK 14701
Tel. (716) 665-5124 Fax. (716) 665-3365

Revisions:		no date by description	
date:	04-30-25	scale:	3/8"=1'-0"
dr. by:	TARIQ	chk. by:	
drawing no.	25-54F		
sheet	6 of 19		



FL #47570

[illegible]



INTERIOR DOOR FRAME WIDTH (XX)

LEAF WIDTH

LEAF WIDTH

1BY WOOD BUCK
FASTENERS BY OTHERS

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

EDGE DIST.

CONCRETE
OR
MASONRY

3/8" MAX.

LOAD BEARING
SHIM

D

5A 5

24

F

6 6A

INACTIVE LEAF

ACTIVE LEAF

D.L.O.

D.L.O.

EXTERIOR

INTERIOR GLAZED

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

METAL
STRUCTURE

3/8" MAX.
SHIM

INTERIOR DOOR FRAME WIDTH (XX)

LEAF WIDTH

LEAF WIDTH

1BY WOOD BUCK
FASTENERS BY OTHERS

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

EDGE DIST.

CONCRETE
OR
MASONRY

3/8" MAX.

LOAD BEARING
SHIM

D

5A 5

24

F

6 6A

INACTIVE LEAF

ACTIVE LEAF

D.L.O.

D.L.O.

EXTERIOR

EXTERIOR GLAZED

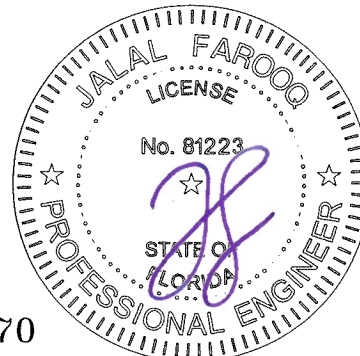
TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

METAL
STRUCTURE

3/8" MAX.
SHIM

Sealed: 8/20/2026

DOOR DETAILS



FL #47570

afC

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 Inswing 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:

date: 04-30-25

scale: 1/2" = 1"

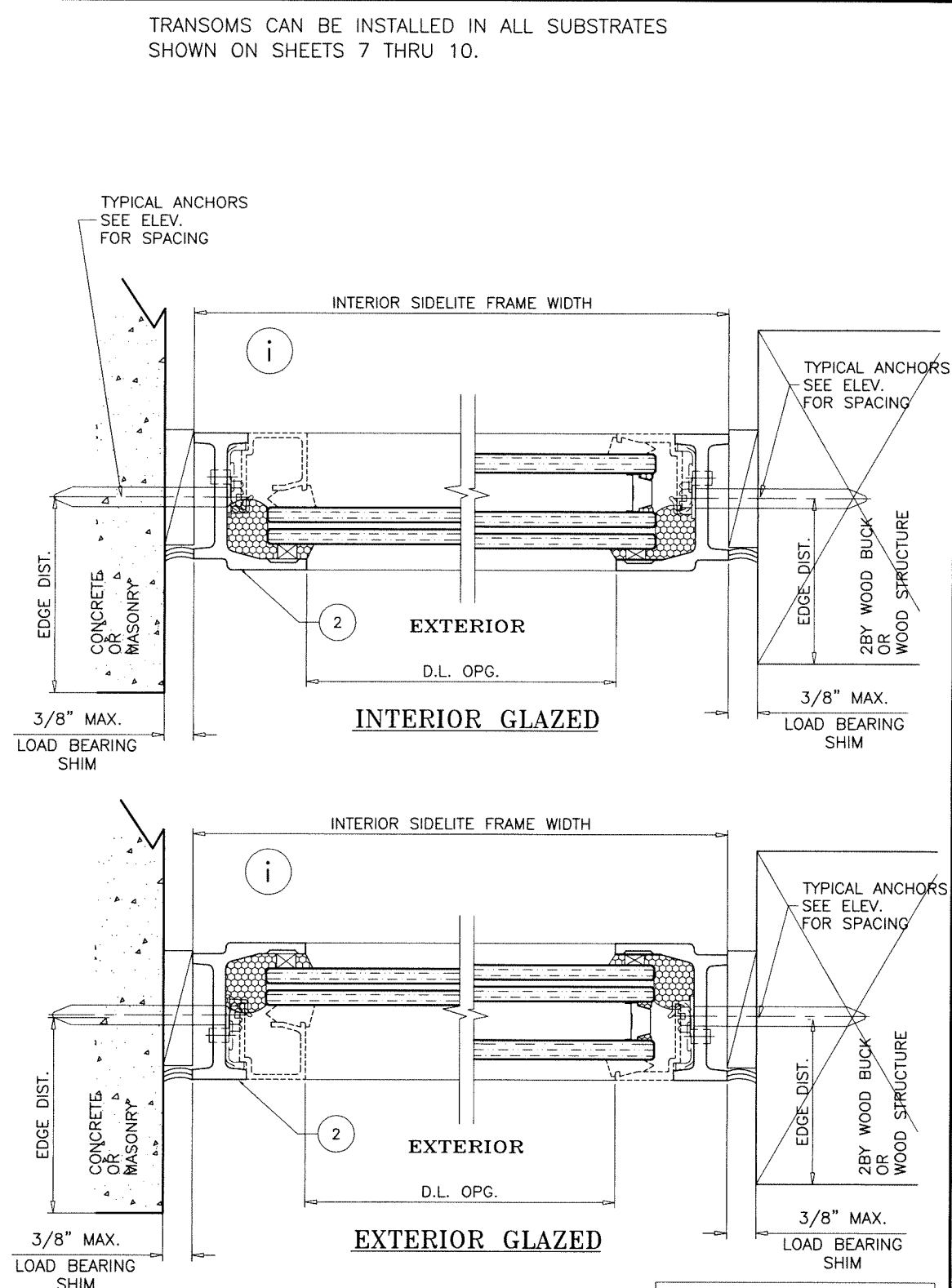
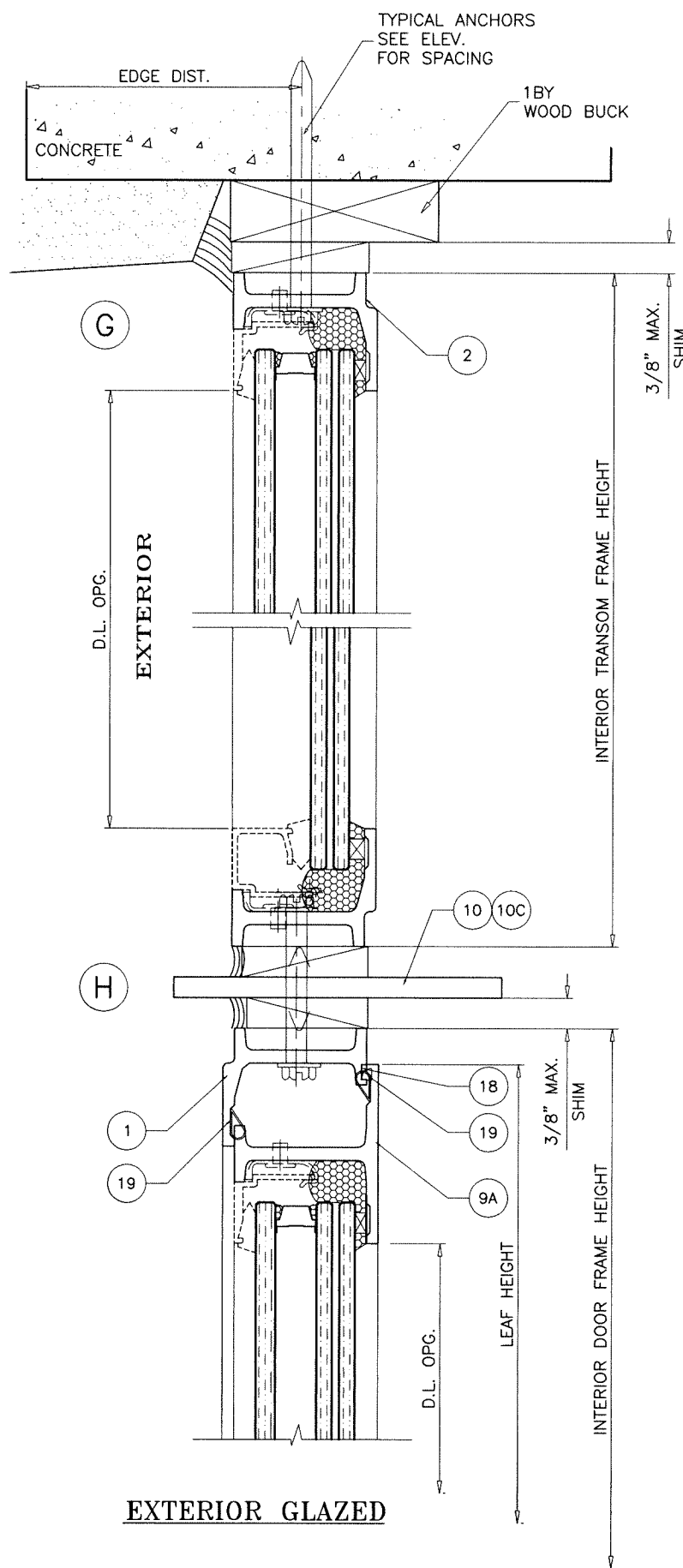
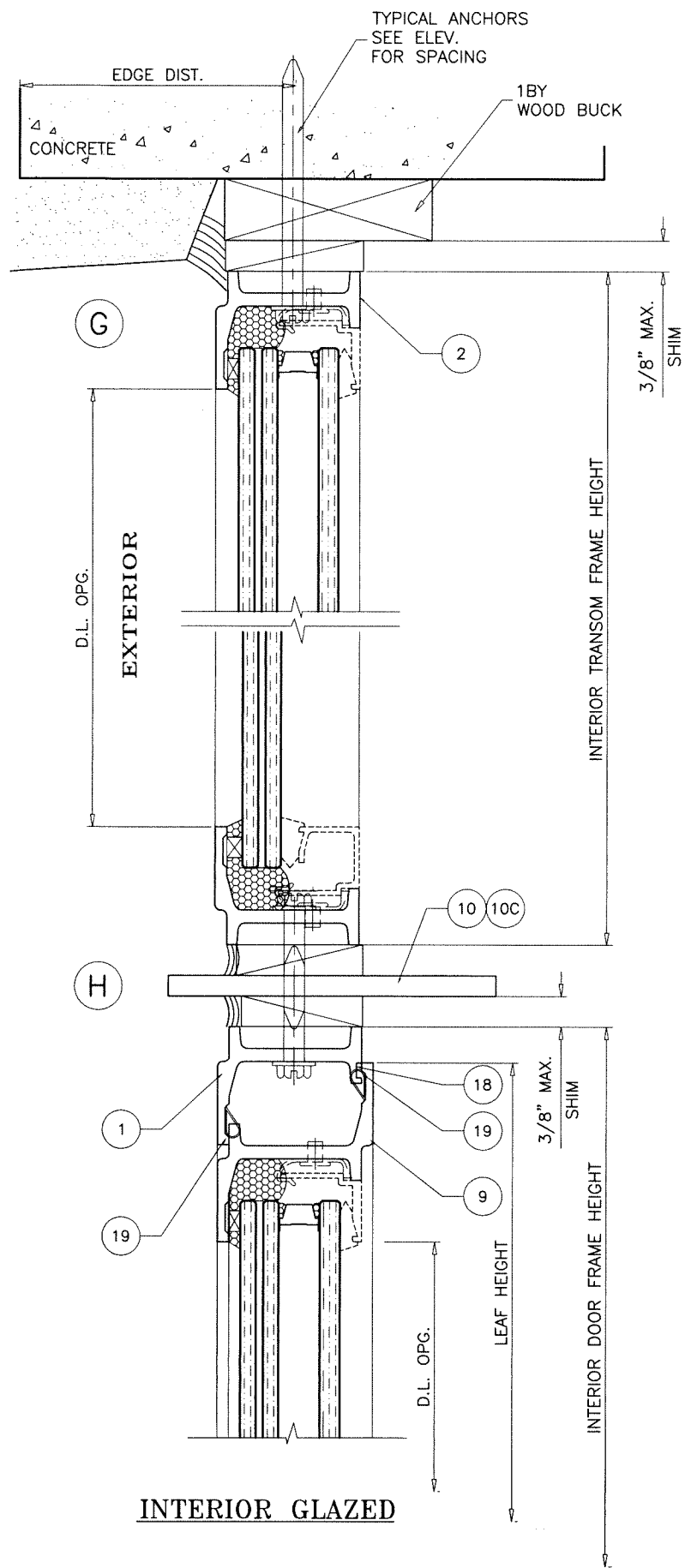
dr. by: TARIQ

chk. by:

drawing no.

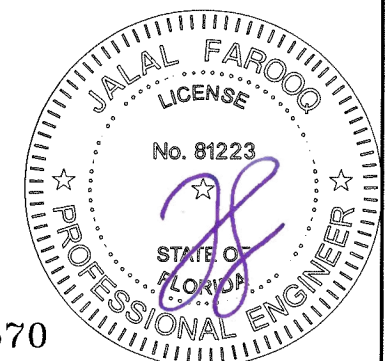
25-54F

sheet 10 of 19



TRANSOM DETAILS

Sealed: 8/20/2026

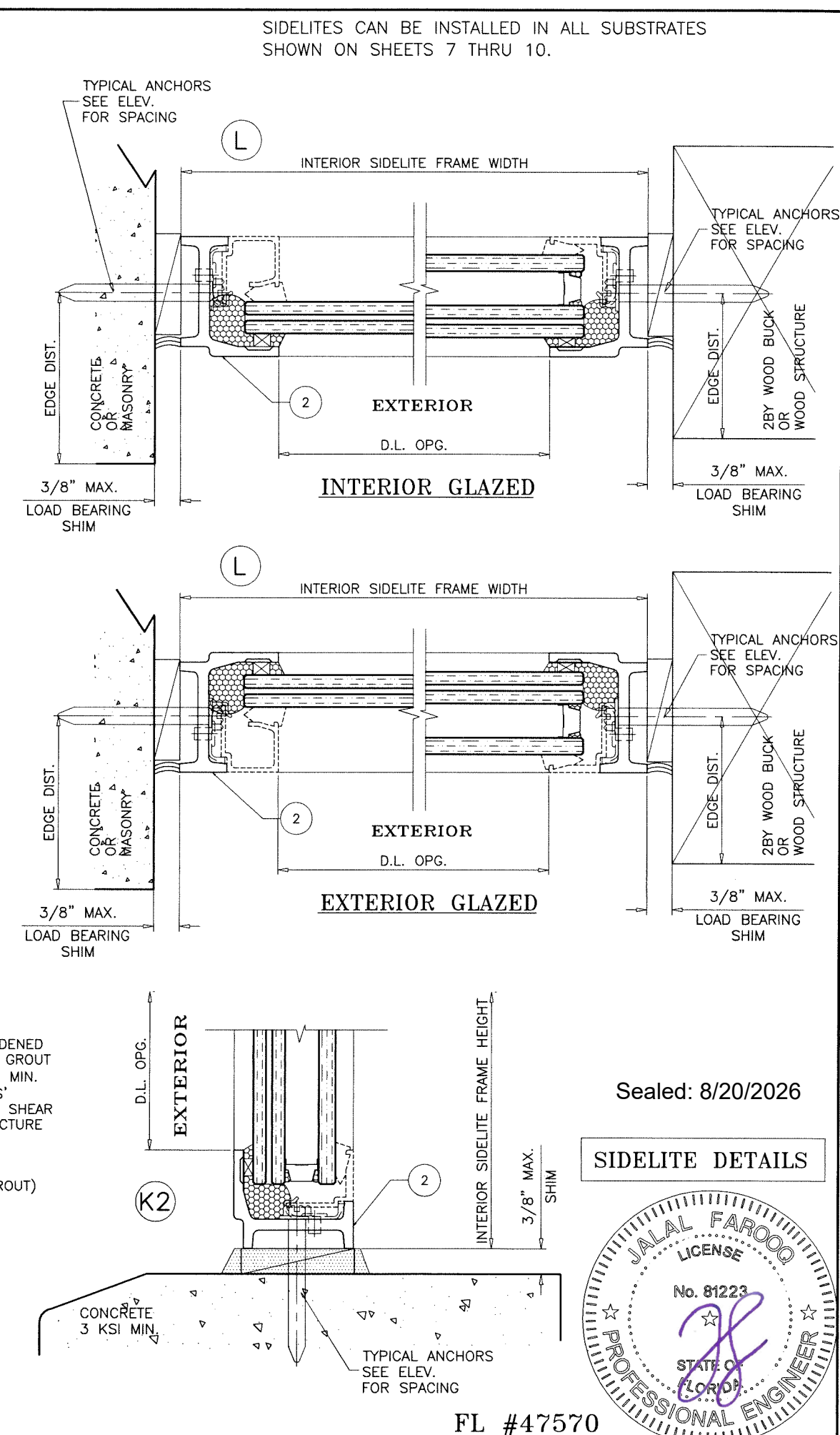
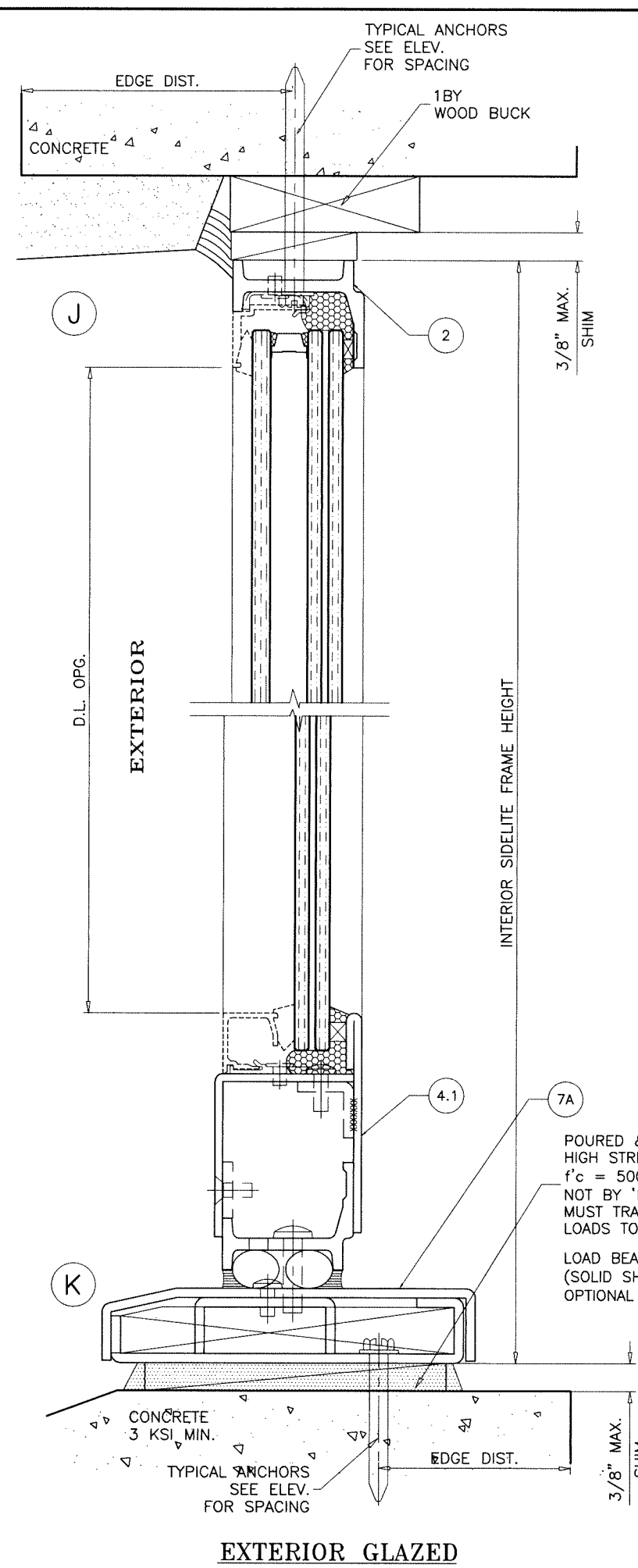
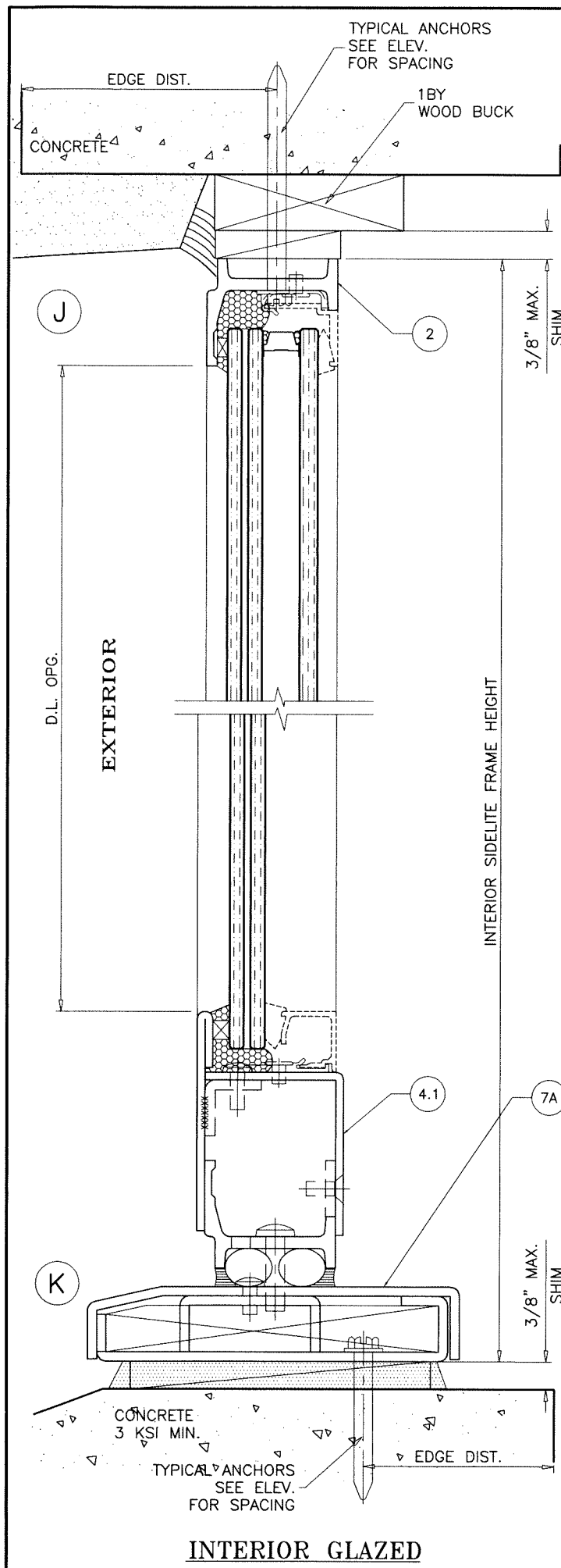


FL #47570

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173
 TEL. (305) 264-8100
 WWW.AFCENG.COM
 FBPE #3538
 COMP-ANL\25-54F-HWI

Jamestown 175 Steel Inswing 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	scale:	1/2" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.		25-54F	
sheet 11 of 19			

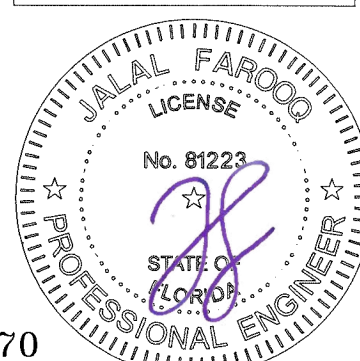


SIDELITES CAN BE INSTALLED IN ALL SUBSTRATES SHOWN ON SHEETS 7 THRU 10.

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)

Sealed: 8/20/2026

SIDELITE DETAILS



FL #47570

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

COMP - ANL \25-54F-HW

Jamestown 175 Steel Inswing 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

FBPE #3538

revisions:		date	by	description
no	date	by	description	

date: 04-30-25

scale: 1/2" = 1"

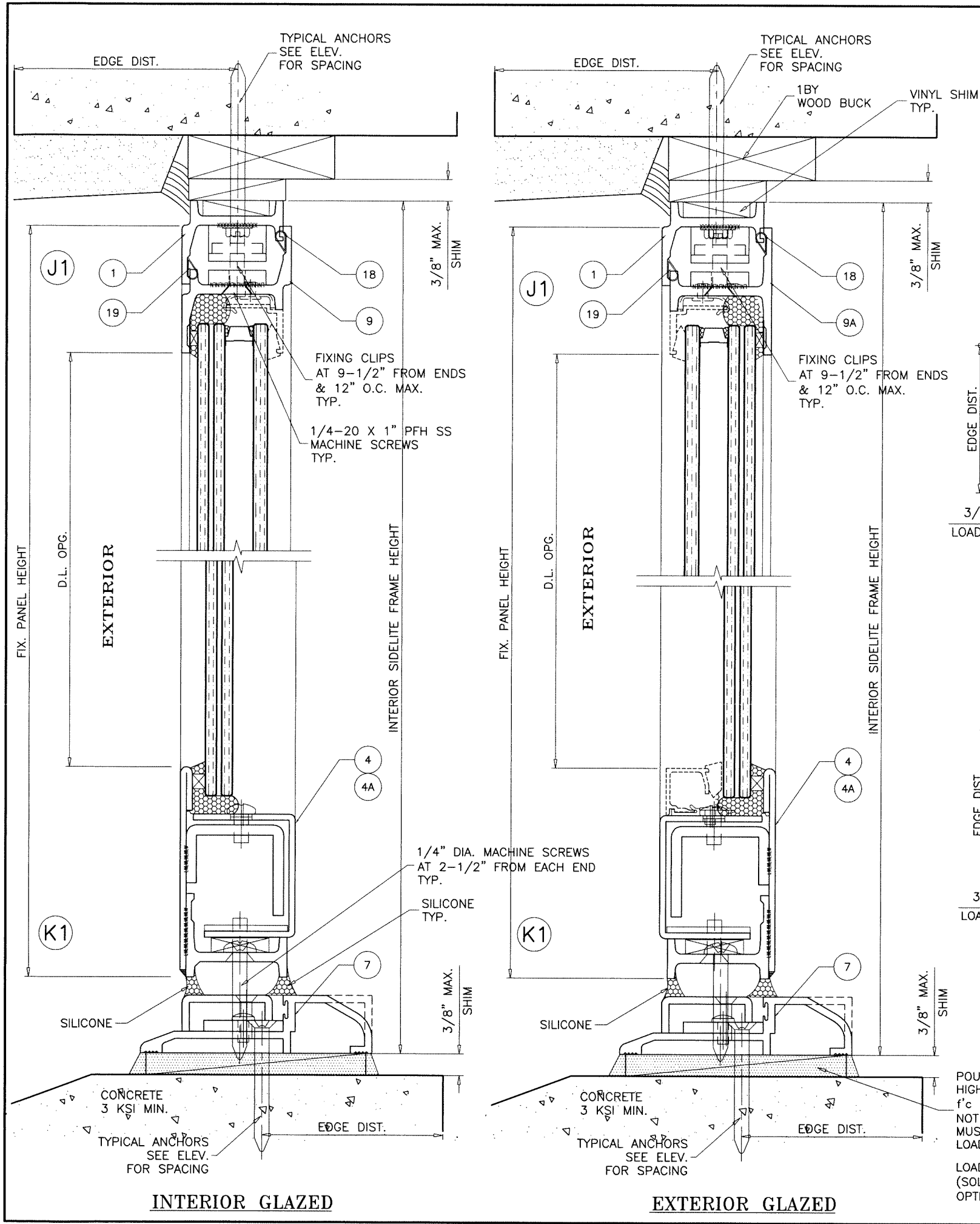
dr. by: TARIQ

chk. by:

drawing no.

25-54F

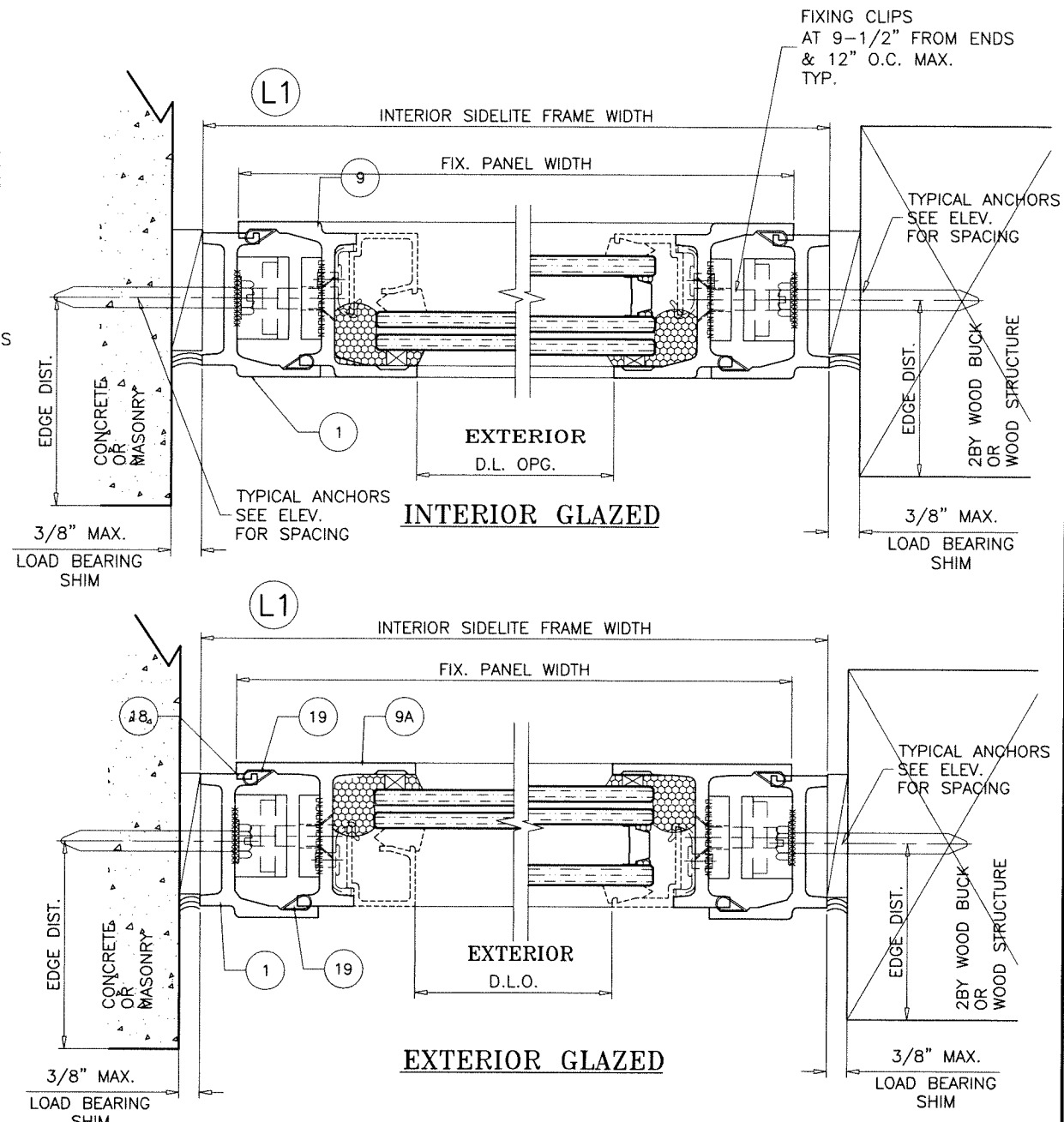
sheet 12 of 19



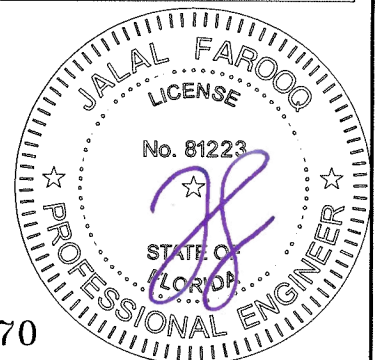
POURED & HARDENED
HIGH STRENGTH GROUT
f'c = 5000 PSI MIN.
NOT BY 'HOPE'S'
MUST TRANSFER SHEAR
LOADS TO STRUCTURE

LOAD BEARING
(SOLID SHIMS
OPTIONAL TO GROUT)

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



SIDELITE WITH FIX. PANEL DETAILS



Sealed: 8/20/2026

FL #47570

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

COMP - ANL \ 25-54F - HWI

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

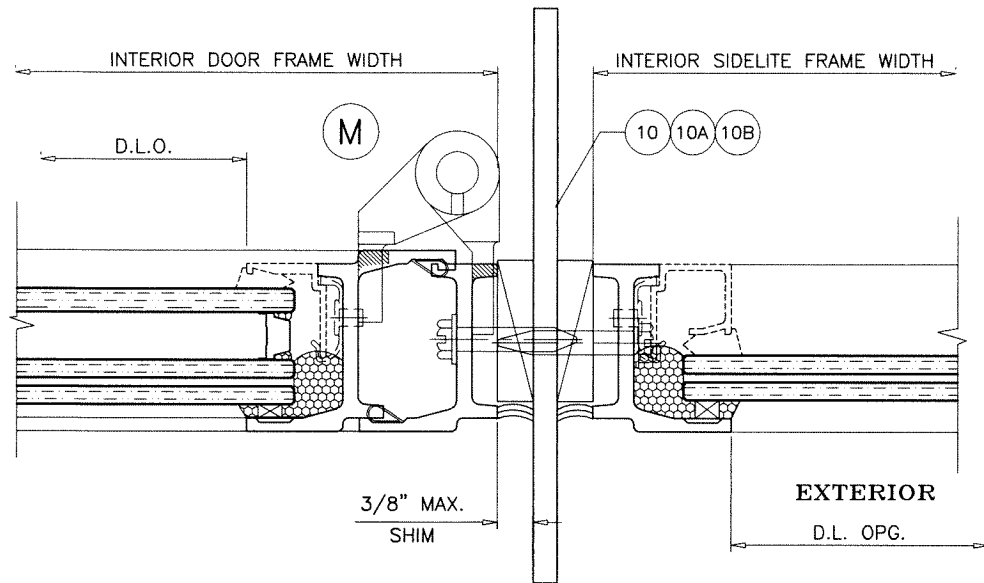
Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
JAMESTOWN, NEW YORK 14701
Tel. (716) 665-5124 Fax. (716) 665-3365

revisions:

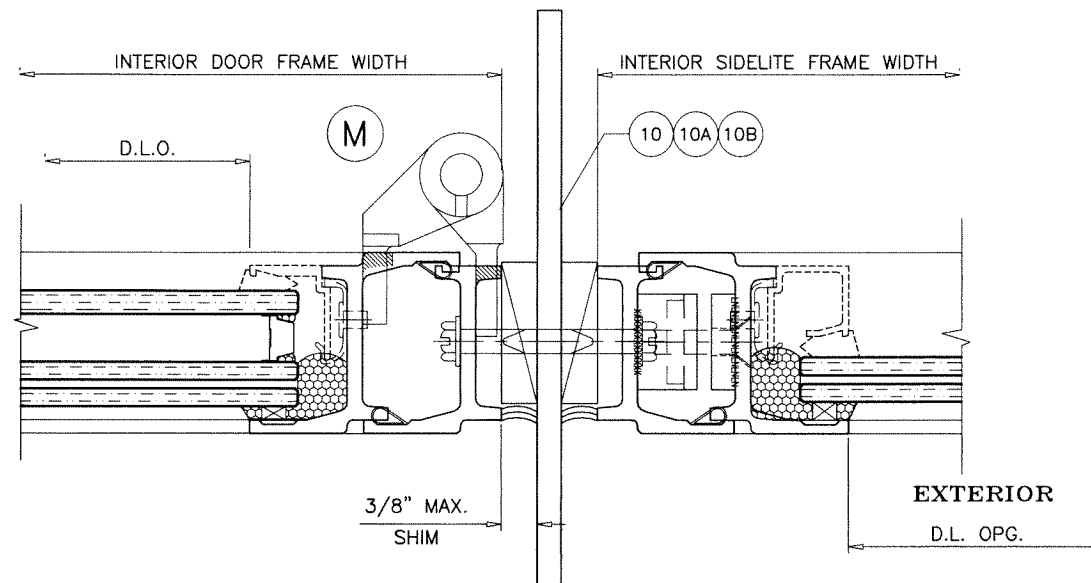
no	date	by	description

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

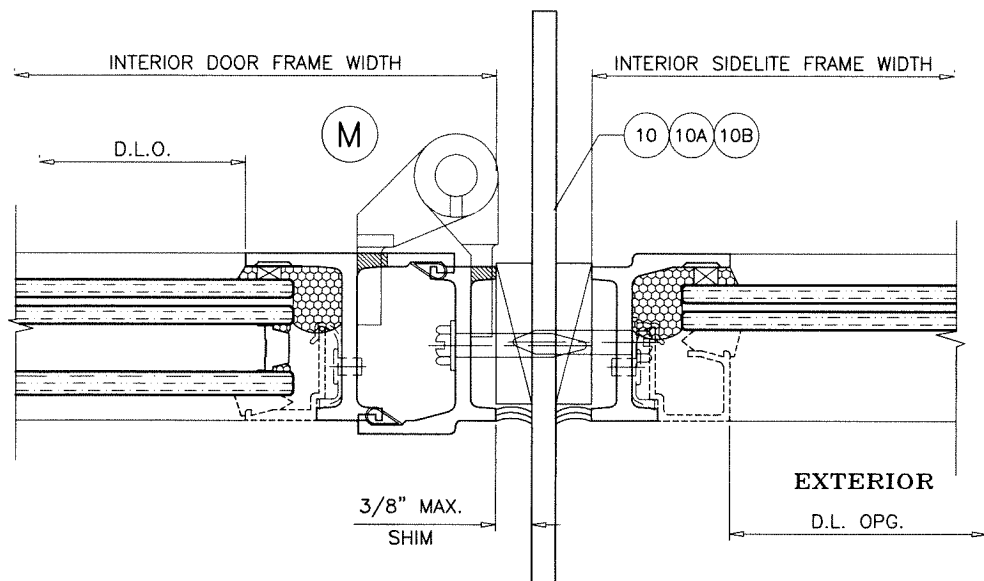
drawing no. **25-54F**
sheet 13 of 19



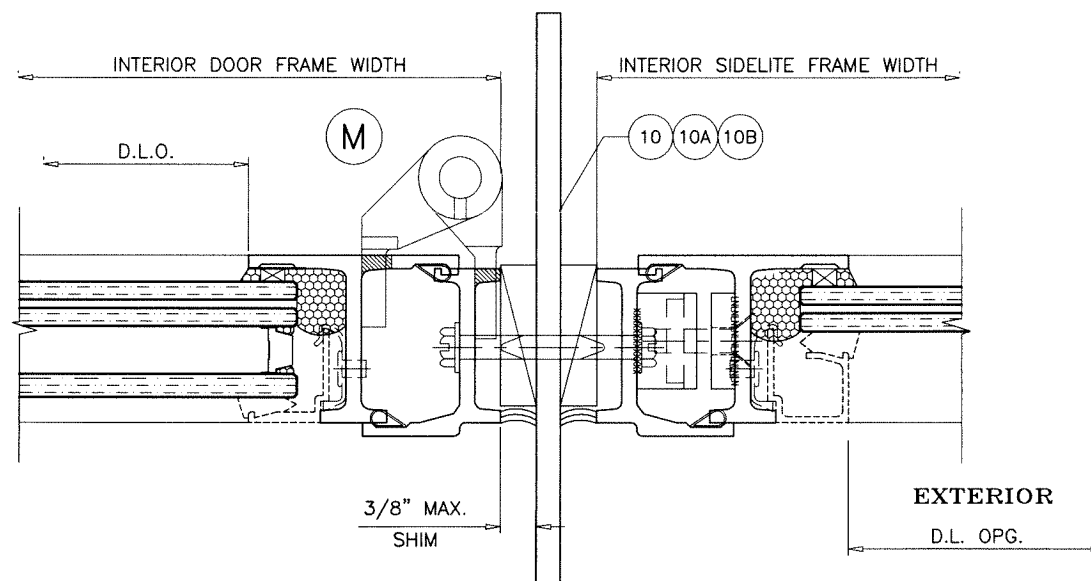
INTERIOR GLAZED



INTERIOR GLAZED



EXTERIOR GLAZED

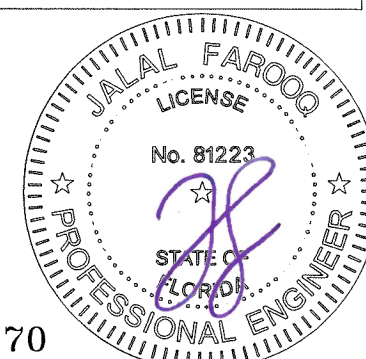


EXTERIOR GLAZED

SIDELITE WITH DOOR DETAILS

Sealed: 8/20/2026

FL #47570



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

COMP - ANL \ 25-54F - HWI

Jameson 175 Steel Inswing 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

scale: 1/2" = 1"

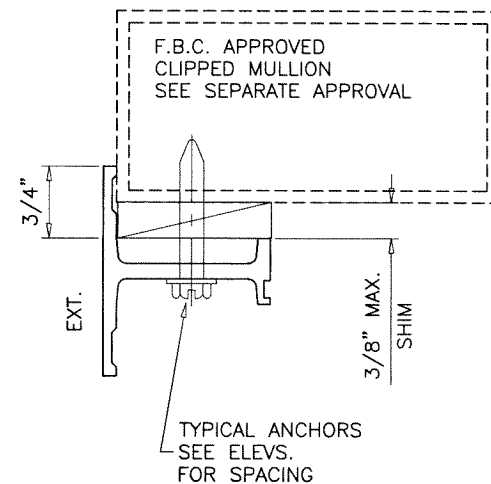
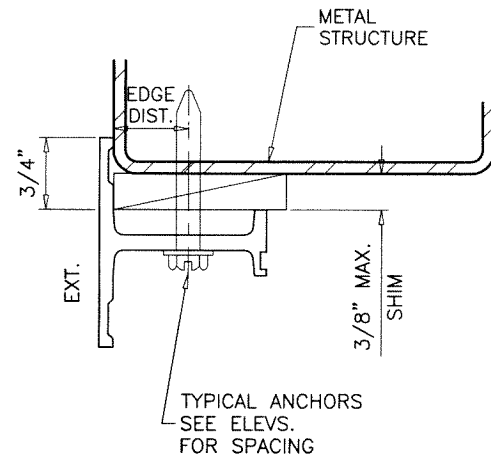
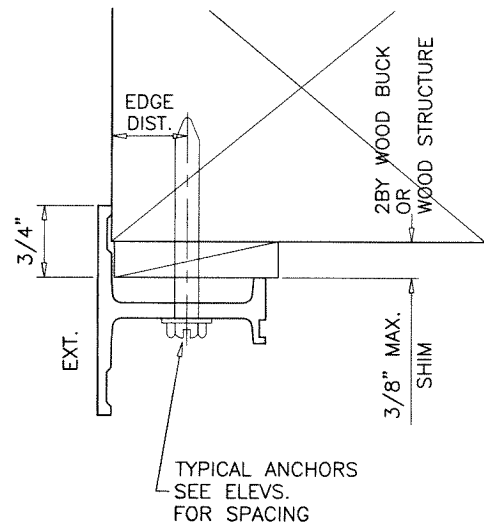
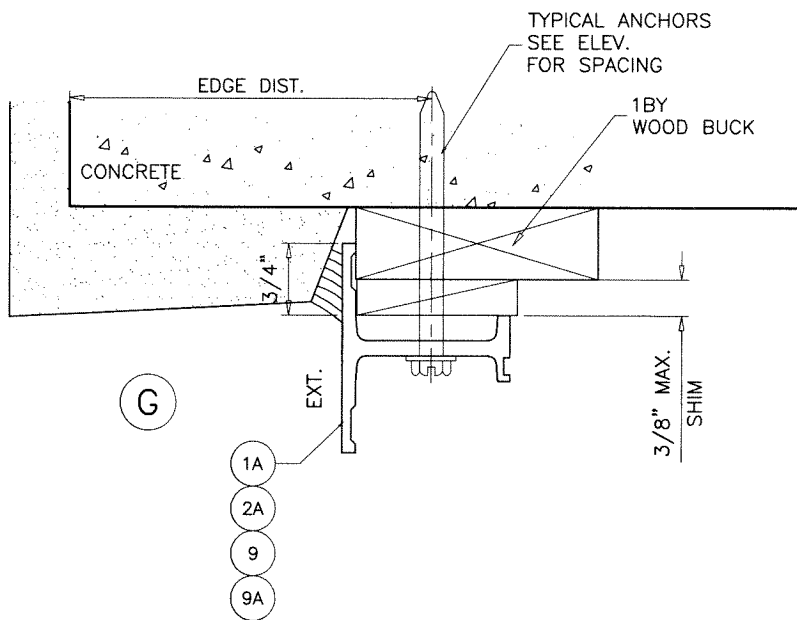
dr. by: TARIQ

chk. by:

drawing no.

25-54F

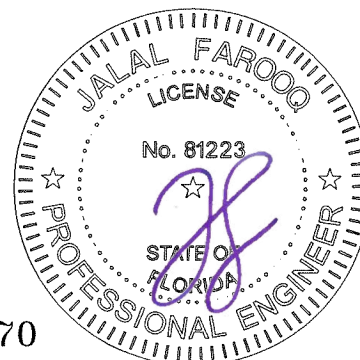
sheet 14 of 19



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

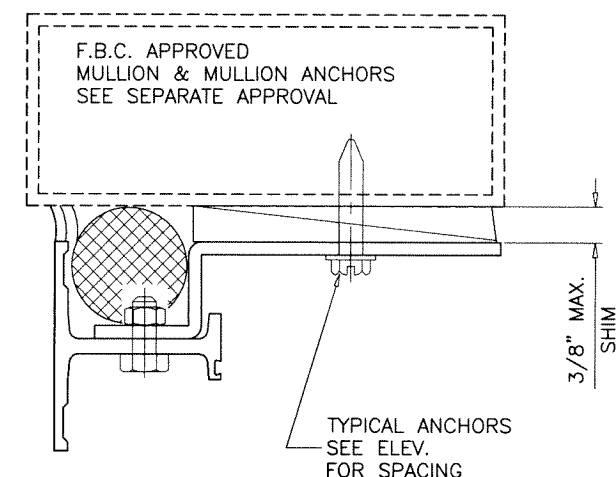
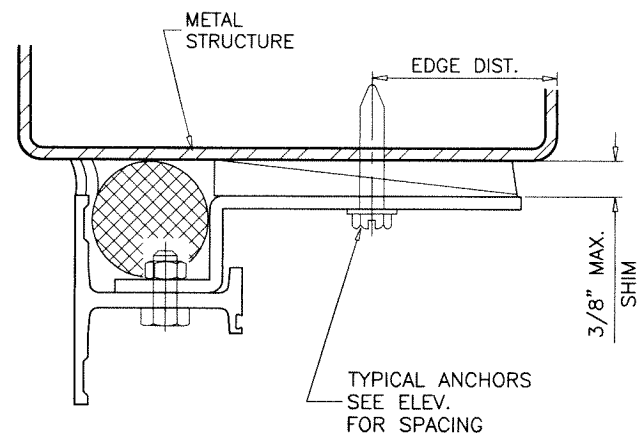
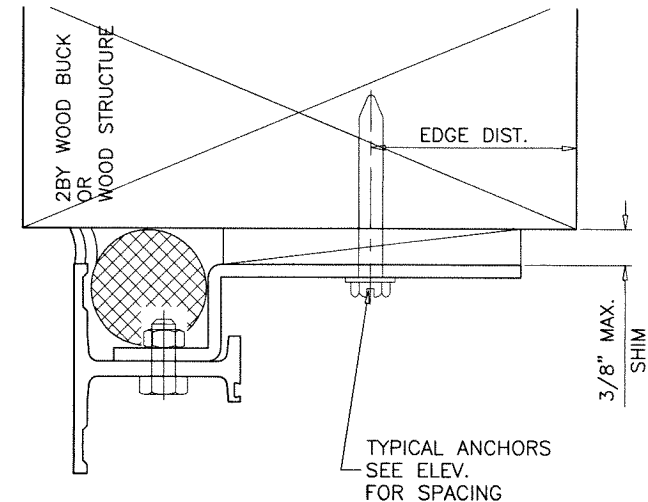
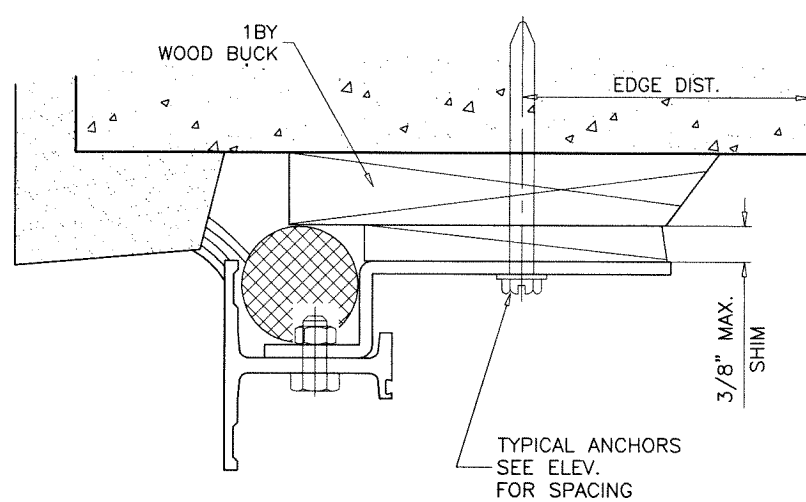
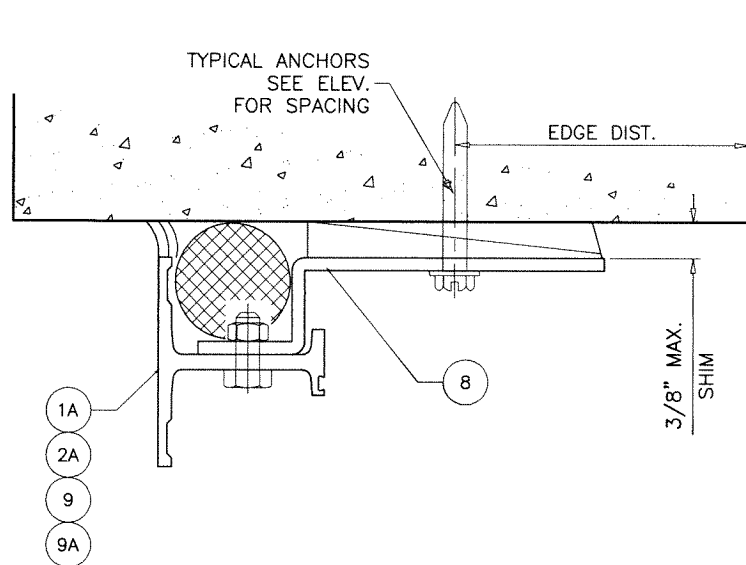


Jamestown 175 Steel Inswing Entrance Door (L.M.I.)
Hope's Windows, Inc.
84 Hopkins Ave, P.O. Box 580
JAMESTOWN, NEW YORK 14701
Tel. (716) 665-5124 Fax. (716) 665-3365

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-54F-HWI

revisions:		date:		scale:		dr. by:		chk. by:	
no	date	no	date	no	date	no	date	no	date

drawing no.
25-54F
sheet 15 of 19



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

Sealed: 8/20/2026

FL #47570



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-54F-HWI

Jamestown 175 Steel Inswing 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	scale:	1/2" = 1"
dr. by:	TARIQ	chk. by:	
drawing no.	25-54F		
sheet	16 of 19		

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	175A	—	DOOR FRAME (EQUAL LEG)	STEEL	A36, Fu MIN. = 58 KSI
1A	175M	—	DOOR FRAME (LONG LEG)	STEEL	A36, Fu MIN. = 58 KSI
2	175A	—	SIDELITE/TRANSOM FRAME (EQUAL LEG)	STEEL	A36, Fu MIN. = 58 KSI
2A	175T/M	—	SIDELITE/TRANSOM 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 ASSEMBLY (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	—	SIDELITE/TRANSOM FRAME (INTERIOR GLAZED)	STEEL	A36, Fu MIN. = 58 KSI
9A	175M	—	DOOR LEAF (HEAD/JAMB) (EXTERIOR GLAZED)	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

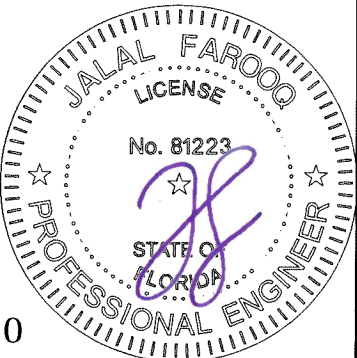
HINGES:

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

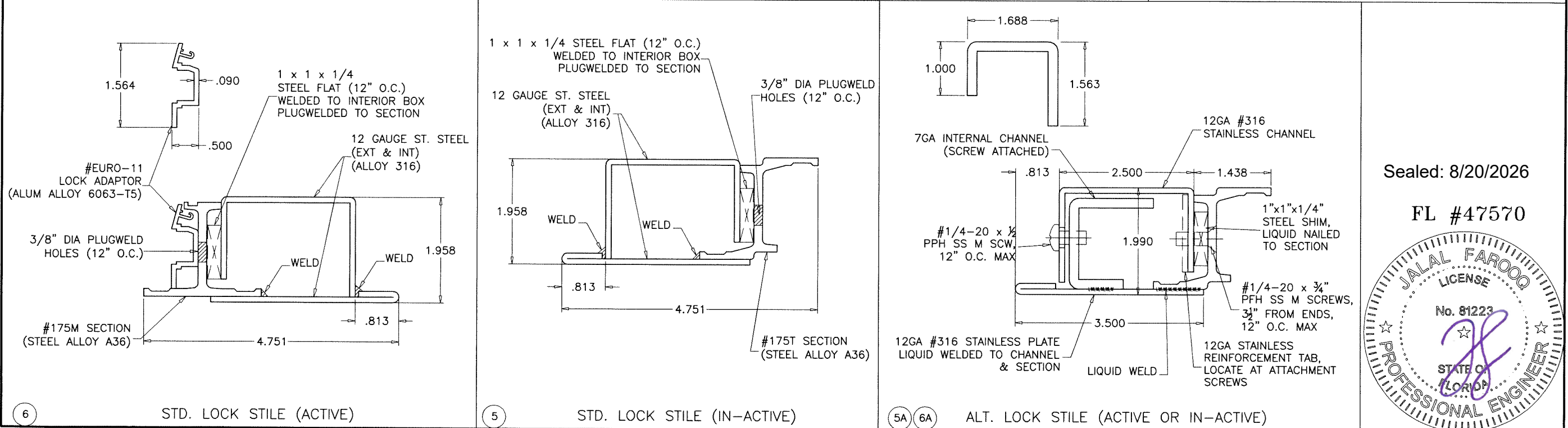
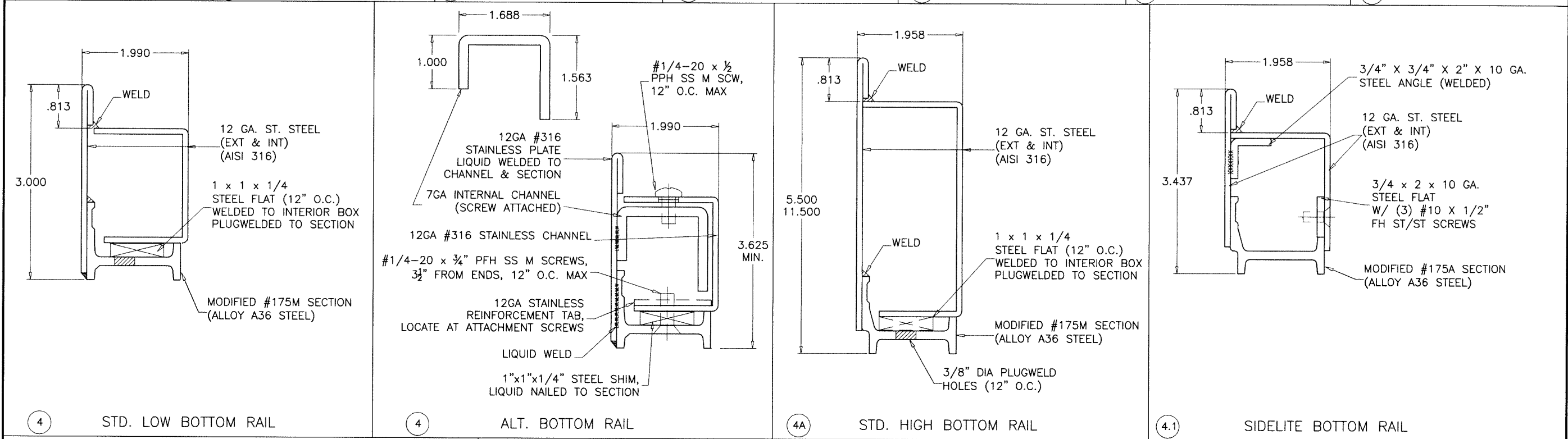
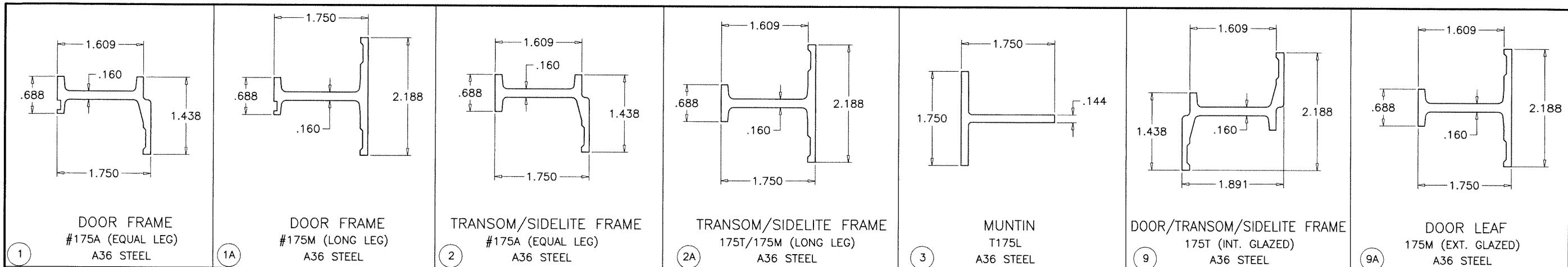
af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-54F-HW

Jamestown 175 Steel Inswing 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		scale: 1/2" = 1"		dr. by: TARIQ		chk. by:			
drawing no.		25-54F							
sheet 17 of 19									



Sealed: 8/20/2026

FL #47570

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

revisions: no date by description

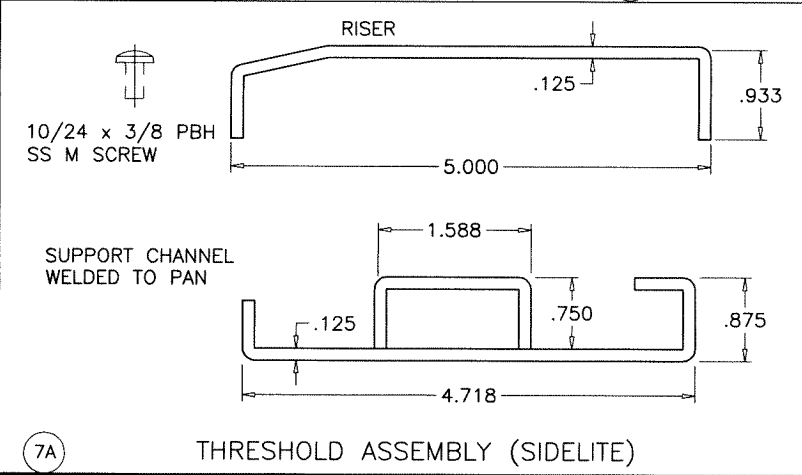
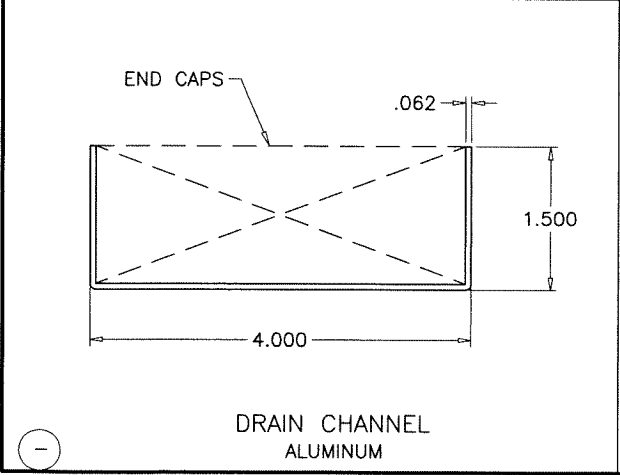
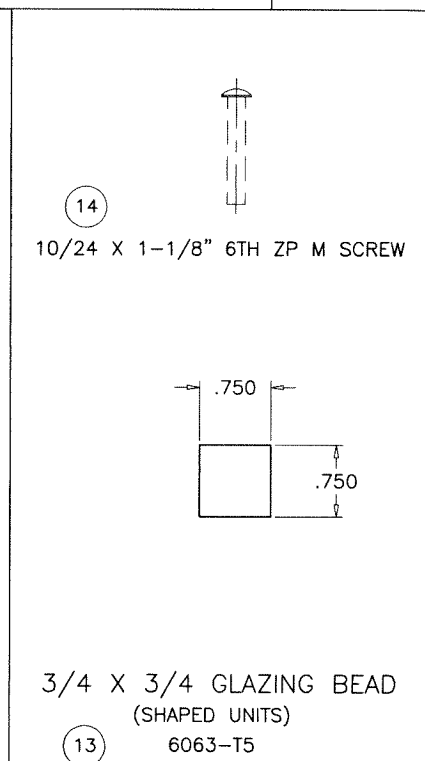
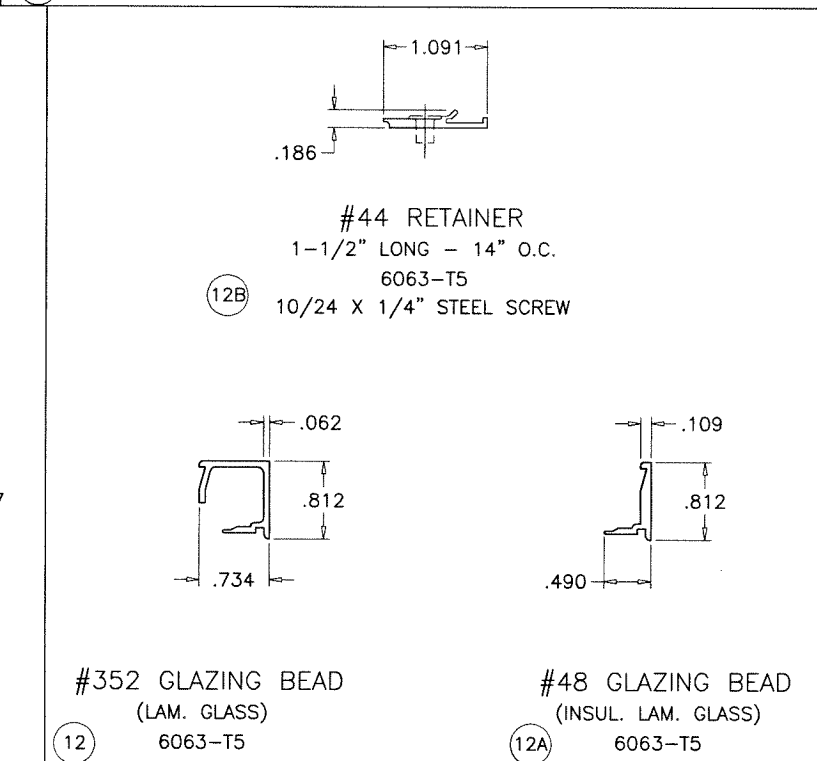
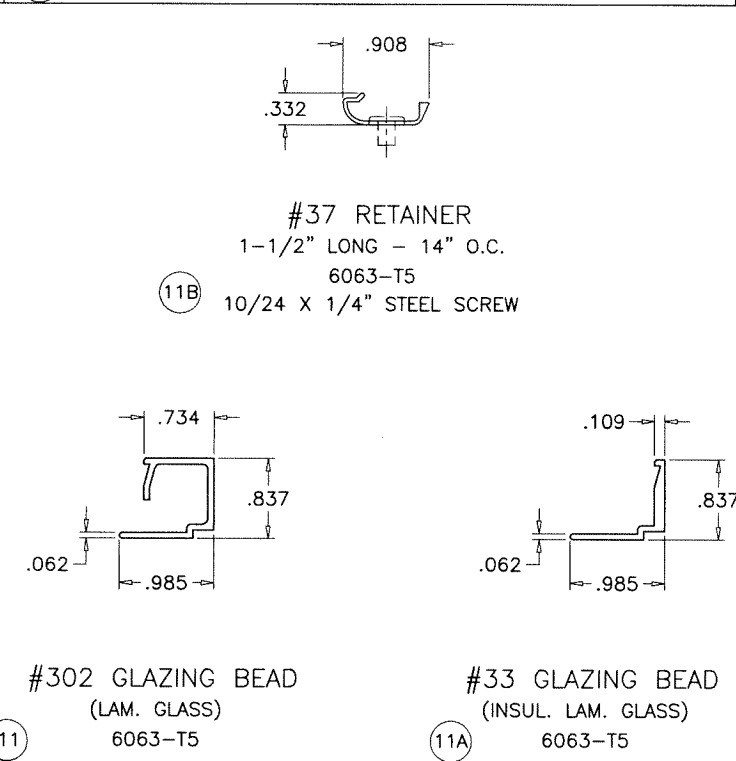
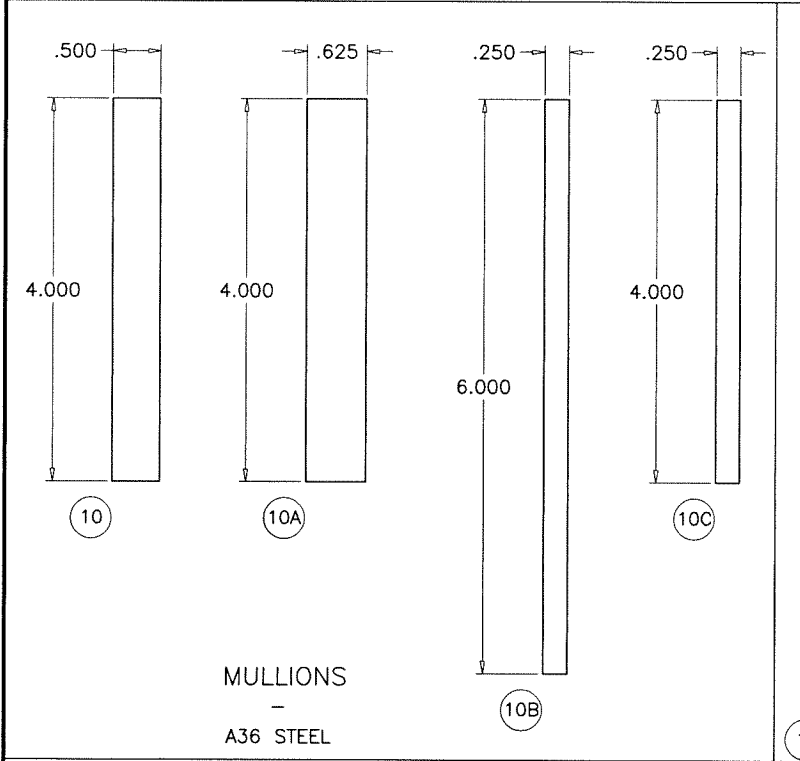
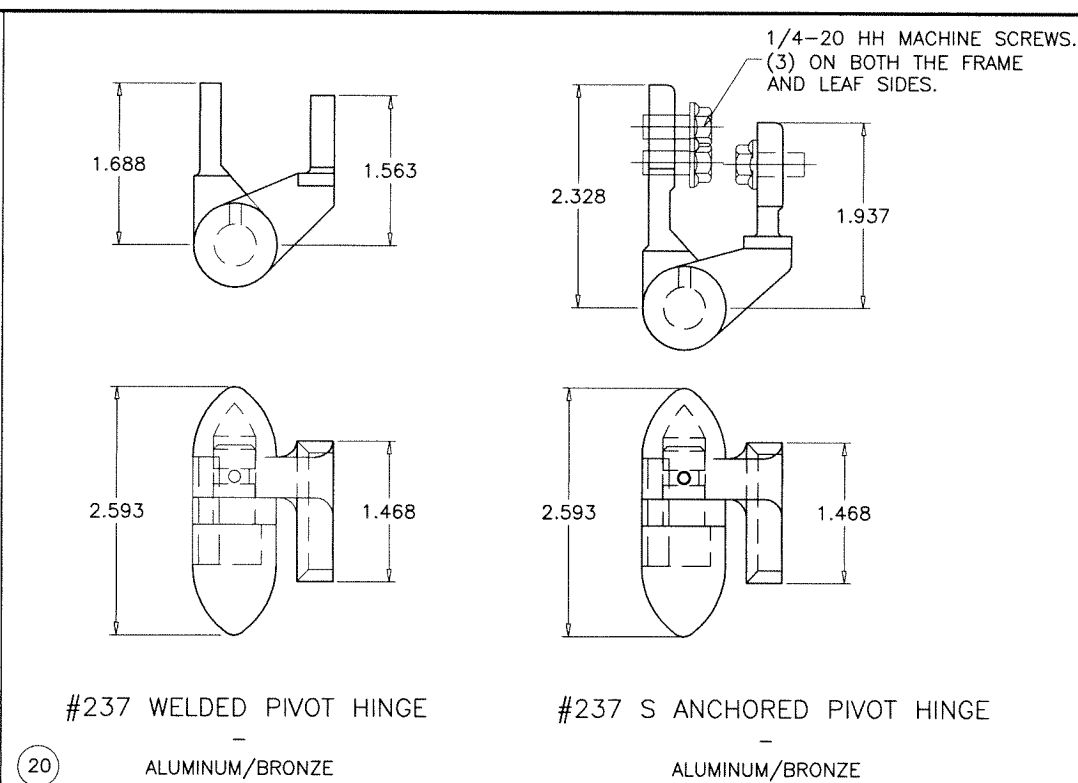
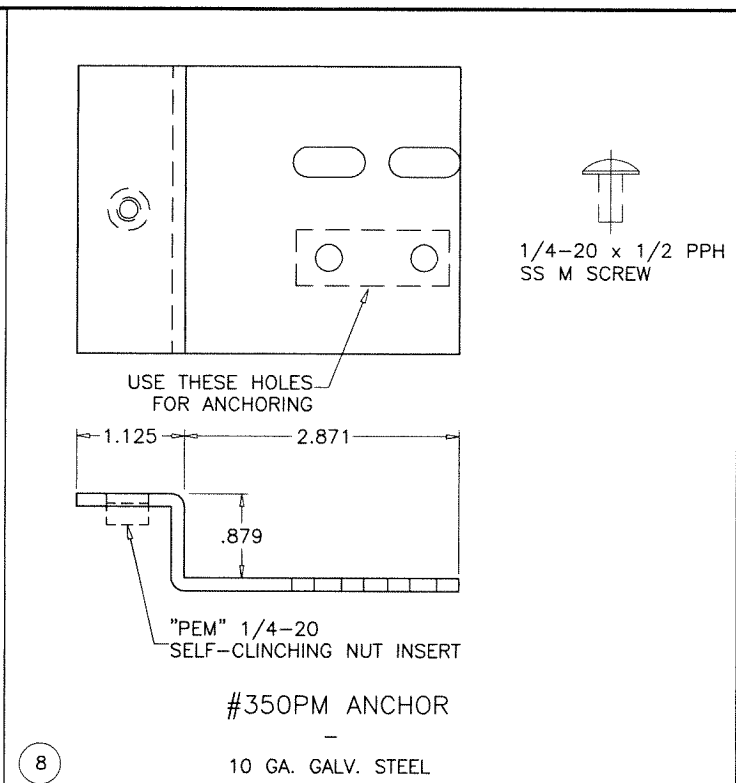
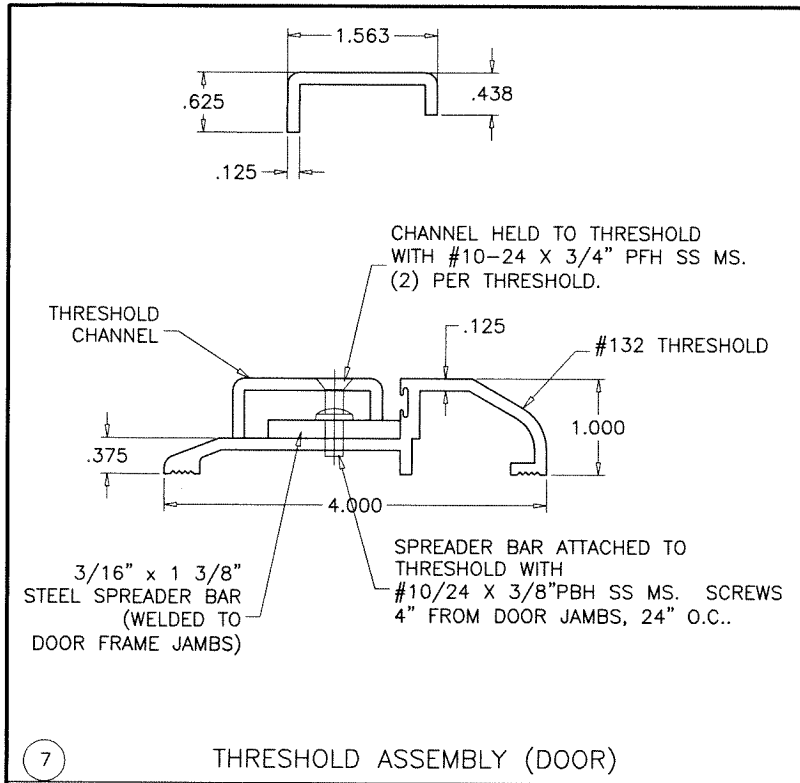
date: 04-30-25 scale: 1/2" = 1" dr. by: TARIQ chk. by:

drawing no. 25-54F

sheet 18 of 19

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
WWW.AFCENG.COM
COMP-ANL\25-54F-HWI

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



Sealed: 8/20/2026

FL #47570

JALAL FAROOQ
LICENSE
No. 81223
STATE OF FLORIDA
PROFESSIONAL ENGINEER

revisions:

no	date	by	description

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

drawing no.
25-54F

sheet 19 of 19

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

Jamestown 175 Steel Inswing 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