

SERIES 9998A IMPACT RESISTANT, OUTSWING & INSWING PIVOT DOOR
WITH SIDELITE, TRANSOM & PICTURE WINDOW

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

5) SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE DOOR OR PICTURE WINDOW/TRANSOM/SIDELITE.

6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

7) THE DOOR IS NOT RATED FOR WATER INFILTRATION RESISTANCE, SEE SHEETS 2-4. THE PICTURE WINDOW/TRANSOM/SIDELITE WAS FULLY TESTED FOR WATER INFILTRATION, SEE SHEETS 5, 11 & 13.

FLORIDA PRODUCT APPROVAL #29783

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES ON SHEETS 6-13	RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE
WATER INFILTRATION RATING: SEE NOTE 7, THIS SHEET	

TABLE 1:

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
A	#12 Steel SMS (Gr. 5) or 18-8 SS SMS	All	Southern Pine (SG = 0.55)	9/16"	1"	1-3/8"
			6063-T5 Aluminum	3/8"	1"	0.071"
			A36 Steel	3/8"	1"	.050"
			Steel Stud, Gr. 33	3/8"	1"	0.045" (18 Ga)
	1/4" DeWalt UltraCon+	All	Concrete (min. 3.0 ksi)	1-5/16"	4"	1-3/8"
			Southern Pine (SG = 0.55)	1"	1"	1-3/8"
	1/4" 410 SS Elco CreteFlex	All	Concrete (min. 3.35 ksi)	1"	4"	1-3/4"
			Southern Pine (SG = 0.55)	1"	1"	1-3/8"
B	1/4" DeWalt UltraCon+	Head/Sill	Concrete (min. 3.0 ksi)	1-5/16"	4"	1-3/8"
		Jamb	Hollow or Grout-filled CMU (ASTM C90)	1"	3"	1-1/4"
C	1/4" DeWalt UltraCon+	All	Concrete (min. 3.0 ksi)	1-7/8"	4"	1-3/8"
	1/4" 410 SS Elco CreteFlex	All	Concrete (min. 3.35 ksi)	1-3/4"	4"	1-3/4"
D	1/4" DeWalt UltraCon+	Head/Sill	Concrete (min. 3.0 ksi)	1-7/8"	4"	1-3/8"
		Jamb	Hollow or Grout-filled CMU (ASTM C90)	2-1/2"	6"	1-1/4"
	1/4" 410 SS Elco CreteFlex	Head/Sill	Concrete (min. 3.35 ksi)	1-3/4"	4"	1-3/4"
		Jamb	Hollow or Grout-filled CMU (ASTM C90)	1-3/4"	6"	1-1/4"

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
2) FLATHEAD ANCHORS REQUIRED AT DOOR SILL. OTHER LOCATIONS MAY USE ANY HEAD TYPE.
3) MIN. #12 X 1" SMS TO BE USED FOR ALL MULLION APPLICATIONS.
4) FOR CASES WHERE SUBSTRATES VARY PER FRAME MEMBERS, USE THE ANCHOR GROUP WITH THE GREATEST QUANTITY OF ANCHORS FOR ALL SIDES.

DIRECTIONS:

1) YOU MUST DETERMINE THE DESIGN PRESSURE FROM EACH INDIVIDUAL PRODUCT IN YOUR CONFIGURATION. YOUR CONFIGURATION MAY CONTAIN ANY COMBINATION OF DOOR, SIDELITE, TRANSOM, HORIZONTAL MULLION AND/OR VERTICAL MULLION, (SEE SHEETS 2-5 FOR EXAMPLES).

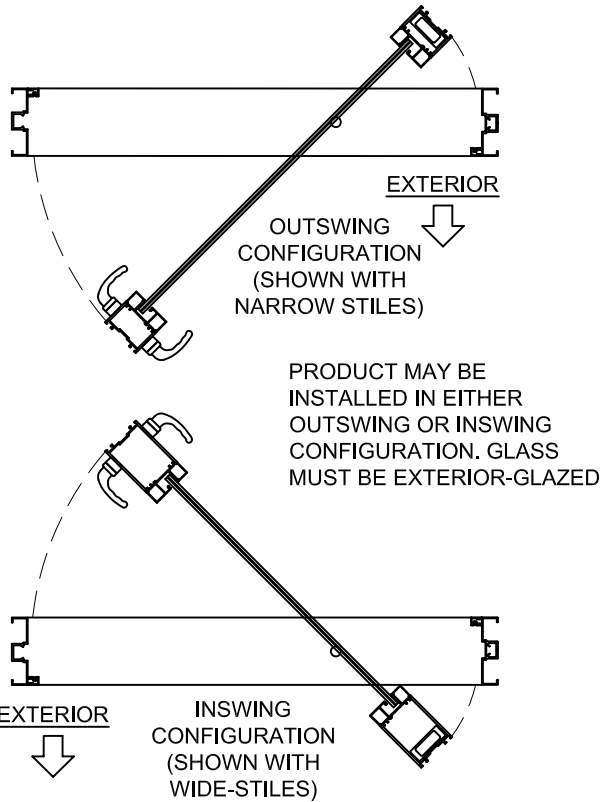
2) FROM THE DP TABLES, SHEETS 6-13, FIND THE LOWEST APPLICABLE DESIGN PRESSURE FOR ALL OF THE COMPONENTS IN YOUR SYSTEM. THIS DESIGN PRESSURE IS TO BE USED FOR THE ENTIRE ASSEMBLED AND INSTALLED SYSTEM AND MUST BE GREATER THAN THE OPENING'S DP REQUIREMENTS.

3) USE ANCHOR QUANTITY TABLES ALONG WITH THE ELEVATIONS ON SHEETS 2-5 TO DETERMINE YOUR ANCHOR REQUIREMENTS.

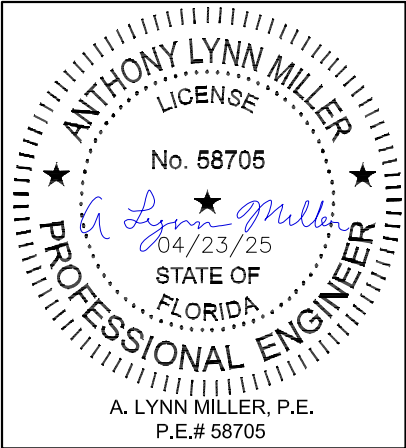
4) INSTALL AS PER THE APPLICABLE INSTRUCTIONS IN THIS DRAWING PACKET.

ALL TEMPERED AND/OR LAMINATED GLASS OPTIONS IN THIS APPROVAL HAVE BEEN CERTIFIED BY THE SGCC FOR COMPLIANCE TO ANSI Z97.1, CLASS A AND CPSC 16 CFR 1201, CATEGORY II. THIS INCLUDES LAMINATED GLASS THAT IS MANUFACTURED WITH ANNEALED GLASS PLIES. FOR APPLICATIONS WHERE THE WINDOW IS BEING USED AS A GUARD, HEAT STRENGTHENED OR TEMPERED LAMINATED GLASS MUST BE USED.

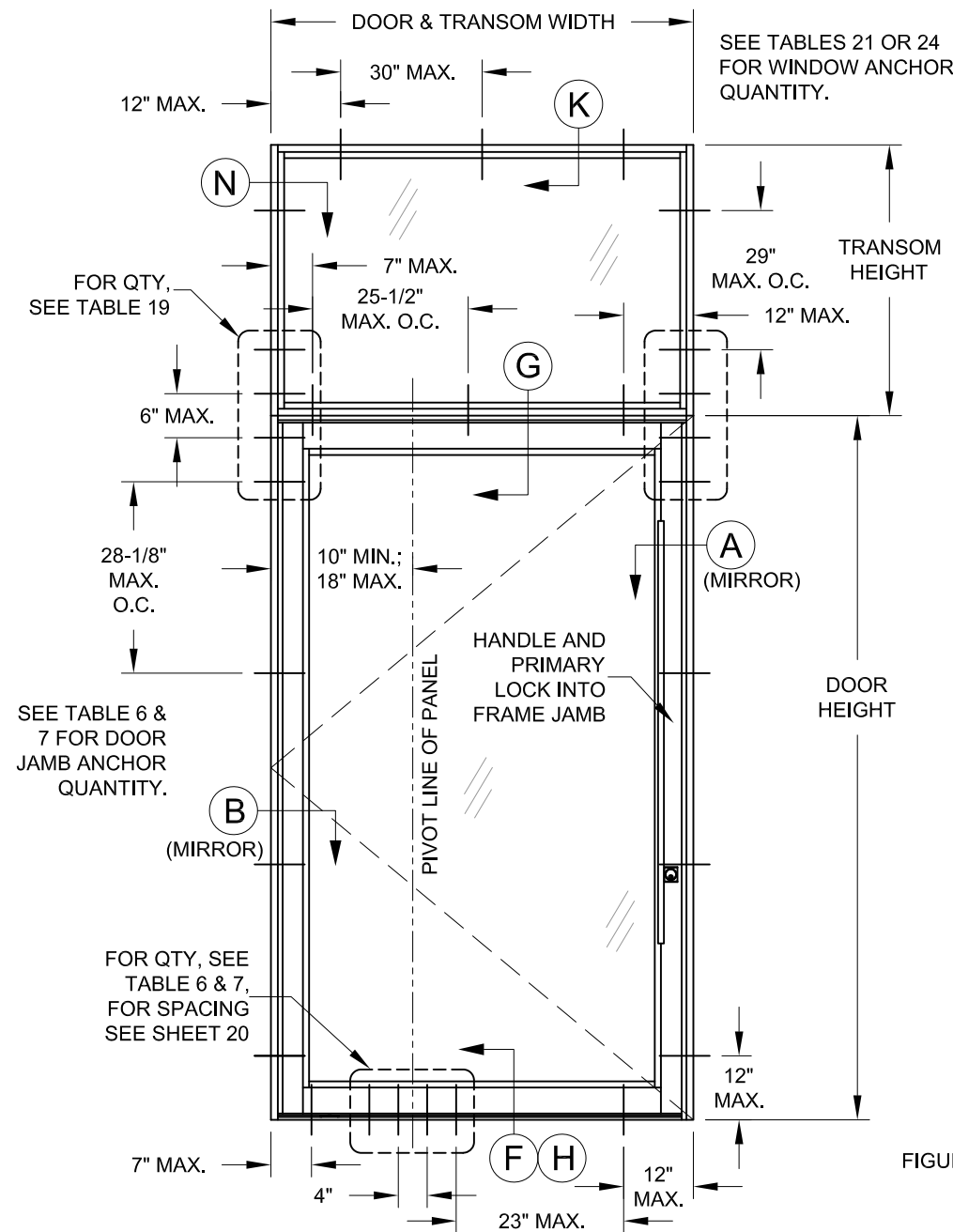
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		By	JENS ROSOWSKI		
WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	ALUMINUM PIVOT DOOR, OS & IS (LM)	ELEVATION & GENERAL NOTES	No.	9998FPA-LM-2	
			DWG	1 OF 23	
WINDOOR	PV9998A	Sheet	1 OF 23		
			1 OF 23		
Series		Desc.		Title	



Rev. #	J
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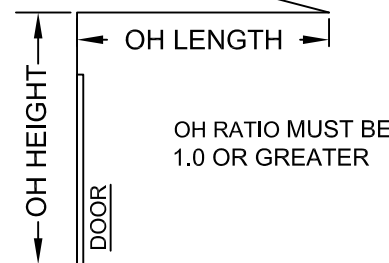


X, SINGLE DOOR WITH TRANSOM

LEFT-SIDE PIVOT SHOWN, MAY BE REVERSED FOR RIGHT-SIDE PIVOT.

NO-THRESHOLD APPLICATION:
FOR APPLICATIONS WITHOUT A DOOR THRESHOLD, OMIT ALL SILL ANCHORAGE SHOWN. ALSO, SEE DETAIL H, SHEET 17 FOR INSTALLATION SPECIFICATIONS.

FIGURE 1:

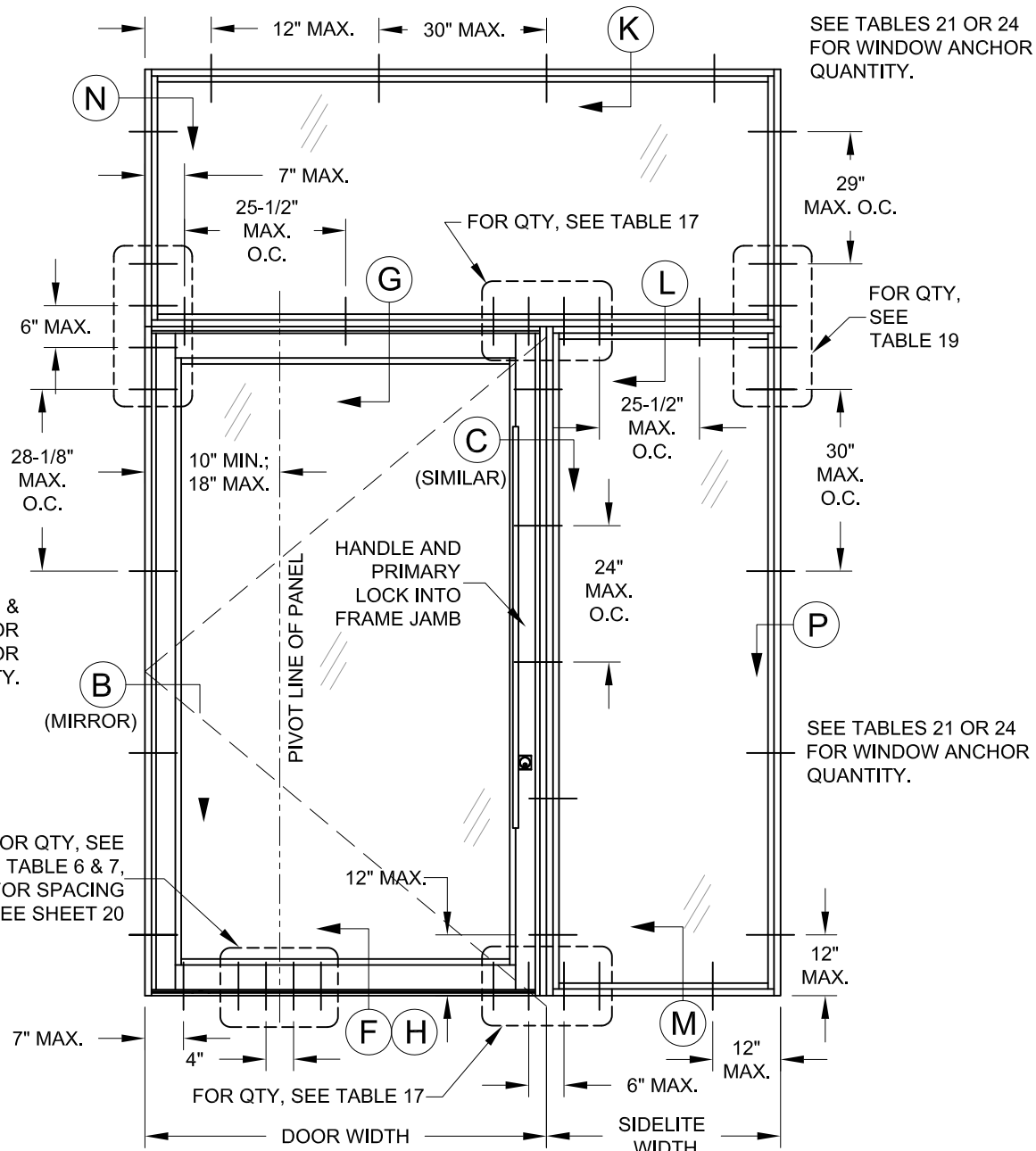


$$\text{OH RATIO} = \frac{\text{OH LENGTH}}{\text{OH HEIGHT}}$$

THE DOOR IS NOT RATED FOR WATER INFILTRATION RESISTANCE AND MUST ONLY BE USED WHERE IT IS NOT REQUIRED OR WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE FIGURE 1).

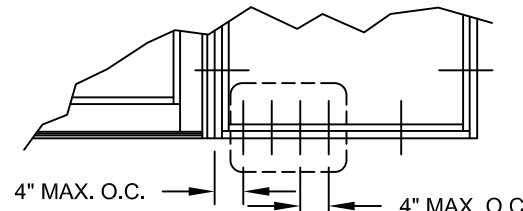
SEE TABLE 6 & 7 FOR DOOR JAMB ANCHOR QUANTITY.

FOR QTY, SEE TABLE 6 & 7, FOR SPACING SEE SHEET 20



DOOR WITH RIGHT SIDELITE & TRANSOM

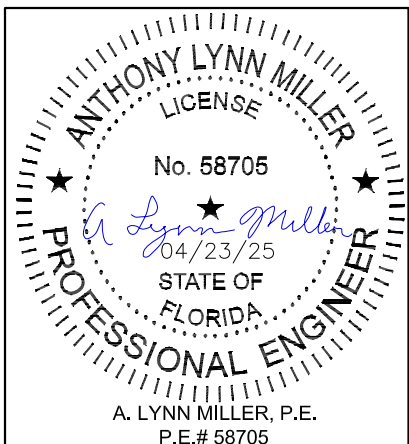
LEFT-SIDE PIVOT SHOWN, MAY BE REVERSED FOR RIGHT-SIDE PIVOT. LEFT SIDELITE (NOT SHOWN) SIMILAR. OXO CONFIGURATION WITH TRANSOM ALSO ACCEPTABLE, SEE SHEET 2 FOR SIMILAR.



NO-THRESHOLD APPLICATION
FOR APPLICATIONS WITHOUT A DOOR THRESHOLD, MOVE ALL VERTICAL MULLION CLUSTER ANCHORS TO THE SIDELITE SIMILAR AS SHOWN. ALSO, SEE DETAIL H, SHEET 17 FOR DOOR INSTALLATION SPECIFICATIONS.

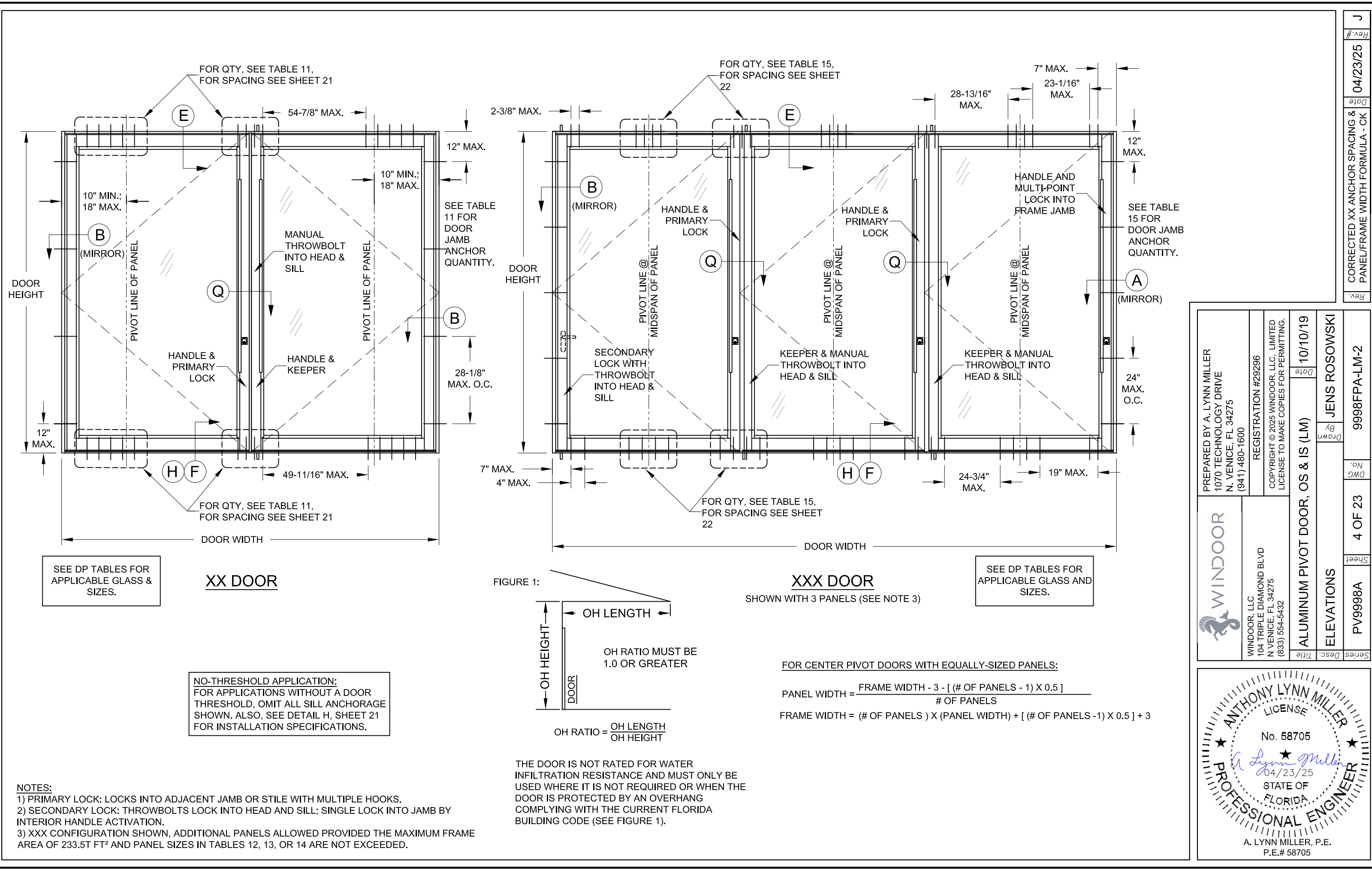
- NOTES:
- 1) DOOR/PICTURE WINDOW/SIDELITE/TRANSOM MAY HAVE NARROW OR WIDE STILES/RAILS.
 - 2) THE FIXED MULLION IS ONLY AVAILABLE WITH THE NARROW STILE.

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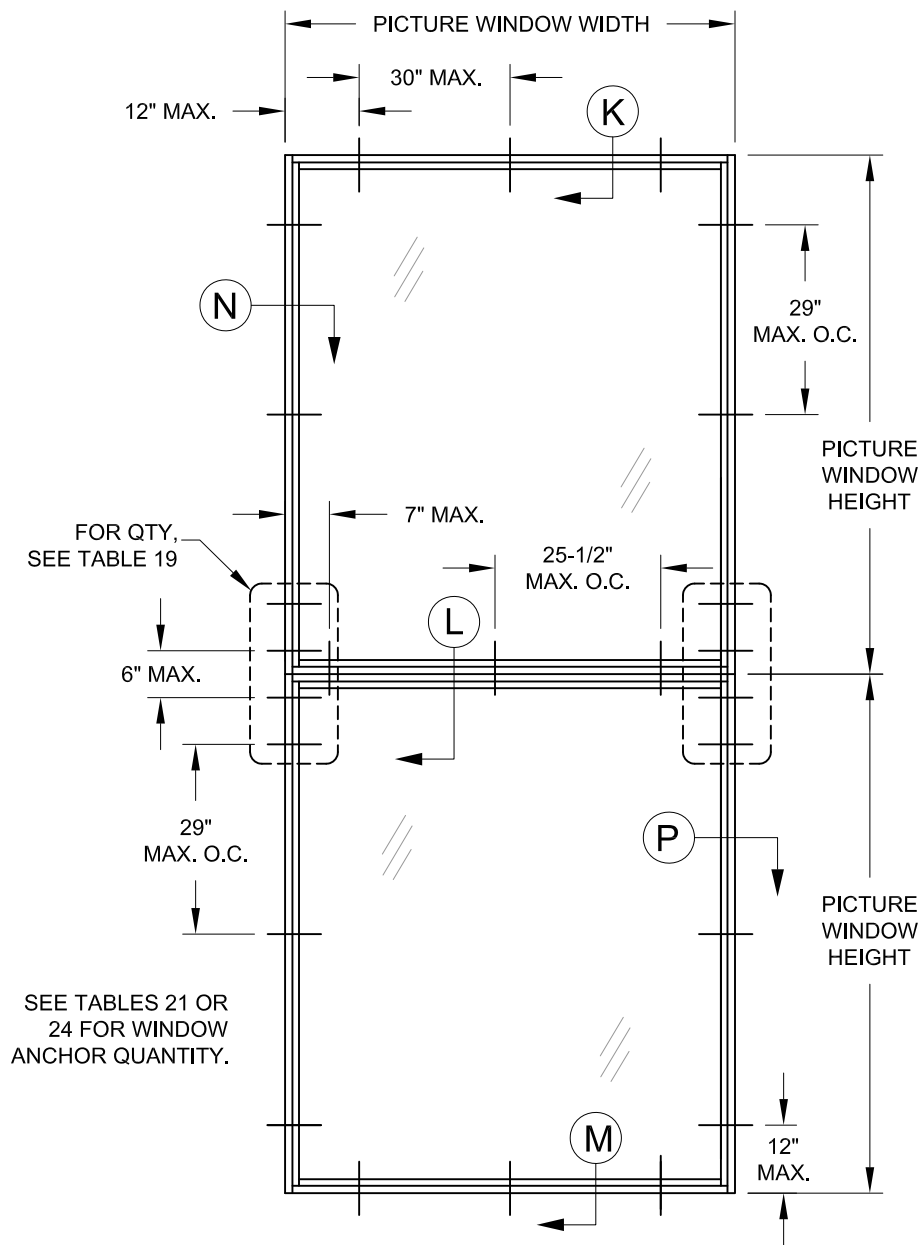
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CORRECTED SILL ANCHOR SPACING - CK



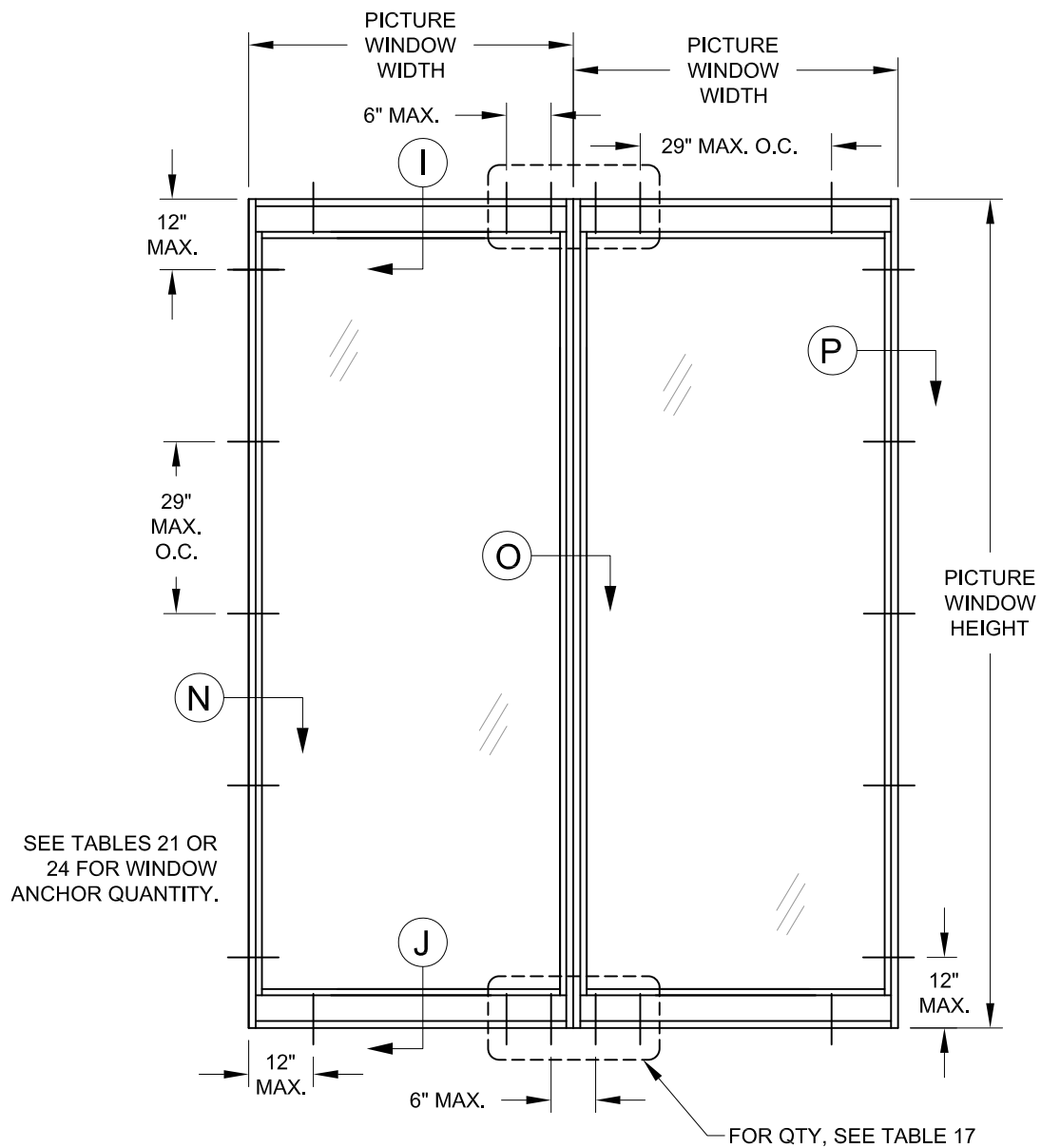
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ELEVATIONS		4 OF 23		9998FPA-LM-2	
PV9998A		Sheet		DWG	
Series		Desc.		Title	

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/23/25
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



HORIZONTALLY MULLED PICTURE WINDOWS O/O

SHOWN WITH OPTIONAL NARROW JAMB RAILS



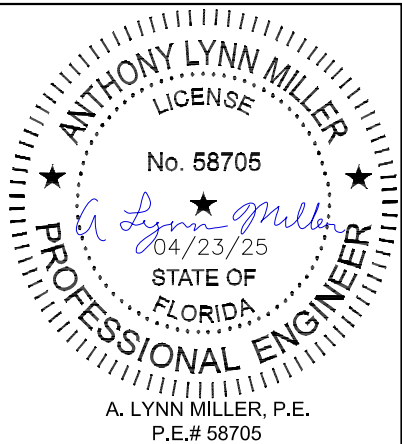
VERTICALLY MULLED PICTURE WINDOWS O/O

SHOWN WITH OPTIONAL WIDE TOP/BOTTOM RAILS

NOTES:

- 1) WINDOWS ARE RATED FOR A WATER TEST PRESSURE THAT IS 15% OF THE POSITIVE DESIGN PRESSURE LISTED IN THE DP TABLES, SEE SHEETS 11 OR 13.
- 2) TWO MULLED UNITS SHOWN, MAY BE UNLIMITED UNITS.
- 3) TRANSOM MAY ALSO BE INSTALLED OVER 2 OR MORE HORIZONTALLY MULLED WINDOWS (NOT SHOWN). USE SIMILAR ANCHOR DIMENSIONS AS SHOWN ABOVE.
- 4) DOOR/PICTURE WINDOW/SIDELITE/TRANSOM MAY HAVE NARROW OR WIDE STILES/RAILS.
- 5) THE FIXED MULLION IS ONLY AVAILABLE WITH THE NARROW STILE.
- 6) SINGLE, STAND-ALONE PICTURE WINDOWS (NOT SHOWN) ARE ALSO QUALIFIED.

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PV9998A		5 OF 23		No. DWG	
Sheet		Title		Series	



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TABLE 2:

X Door Design Pressure (lbs/ft ²), Glass Types 1, 3, & Opaque Panels						
Frame Height	Frame Width					
	48"	54"	60"	63-3/4"	72"	80"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-74.6
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2	+60/-66.3
120"	+60/-75	+60/-75	+60/-75	+60/-72.3	+60/-65	
135-1/2"	+58.9/-63.8	+53.4/-57.8	+48.8/-52.9	+46.3/-50.2		
144"	+49.1/-53.2	+44.5/-48.2	+40.7/-44.1			

TABLE 3:

X Door Design Pressure (lbs/ft ²), Glass Type 2						
Frame Height	Frame Width					
	48"	54"	60"	63-3/4"	72"	80"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-74.6
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2	+60/-66.3
120"	+60/-75	+60/-75	+60/-75	+60/-72.3	+60/-65	+60/-65*
135-1/2"	+60/-65*	+60/-65*	+60/-65*	+60/-65*	+60/-65*	
144"	+60/-65*	+60/-65*	+60/-65*	+60/-65*	+60/-65*	

*REQUIRES PART #21
AT STILE ON PIVOT
SIDE

TABLE 4:

X Door Design Pressure (lbs/ft ²), Glass Types 4, 5 & Opaque Panels					
Frame Height	Frame Width				
	48"	54"	60"	63-3/4"	72"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-72.3	
135-1/2"	+58.9/-63.8	+53.4/-57.8			

TABLE 5:

X Door Design Pressure (lbs/ft ²), Glass Types 6, 7 & Opaque Panels					
Frame Height	Frame Width				
	48"	54"	60"	63-3/4"	72"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-72.3	+60/-65
135-1/2"	+58.9/-63.8	+53.4/-57.8	+48.8/-52.9	+46.3/-50.2	

"X" DOOR NOTES:

- 1) THE DOOR IS NOT RATED FOR WATER INFILTRATION RESISTANCE AND MUST ONLY BE USED WHERE IT IS NOT REQUIRED OR WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE FIGURE 1, SHEETS 2-4).
- 2) SEE SHEETS 2-4 FOR INSTALLATION ELEVATIONS.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 6:

X Door Anchor Quantities, Glass Types 1, 3, 4, 5, 6, & 7								
Frame Height	Anchor Group	Anchor Location on Frame	X Frame Width / Panel Width					
			48"	54"	60"	63-3/4"	72"	80"
			45"	51"	57"	60-3/4"	69"	77"
80"	A & B	Head @ Pivot	2	2	2	2	3	3
		Sill @ Pivot	2	3	3	3	4	4
	A	Jamb	3	3	3	3	4	4
		Jamb	3	4	5	5	7	8
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	2	2	2	3
	C	Jamb	3	3	3	3	3	3
		Jamb	3	3	3	3	3	3
90"	A & B	Head @ Pivot	2	2	2	3	3	3
		Sill @ Pivot	3	3	3	4	4	4
	A	Jamb	4	4	4	4	4	5
		Jamb	4	5	6	6	8	9
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	2	2	3	3
	C	Jamb	4	4	4	4	4	4
		Jamb	4	4	4	4	4	4
96"	A & B	Head @ Pivot	2	2	3	3	3	4
		Sill @ Pivot	3	3	4	4	4	5
	A	Jamb	4	4	4	4	5	6
		Jamb	4	5	6	7	9	10
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	2	2	3	3
	C	Jamb	4	4	4	4	4	4
		Jamb	4	4	4	4	4	4
108"	A & B	Head @ Pivot	2	3	3	3	4	4
		Sill @ Pivot	3	4	4	4	5	5
	A	Jamb	4	4	4	5	5	6
		Jamb	5	6	8	8	9	10
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	3	3	3	3
	C	Jamb	4	4	4	4	4	4
		Jamb	4	4	4	4	4	4
120"	A & B	Head @ Pivot	3	3	4	4	4	
		Sill @ Pivot	4	4	5	5	5	
	A	Jamb	5	5	5	5	5	
		Jamb	6	7	9	9	9	
	C & D	Head @ Pivot	2	2	2	2	2	
		Sill @ Pivot	2	3	3	3	3	
	C	Jamb	5	5	5	5	5	
		Jamb	5	5	5	5	5	
135-1/2"	A & B	Head @ Pivot	3	3	3	3		
		Sill @ Pivot	4	4	4	4		
	A	Jamb	5	5	5	5		
		Jamb	6	6	6	7		
	C & D	Head @ Pivot	2	2	2	2		
		Sill @ Pivot	2	2	2	2		
	C	Jamb	5	5	5	5		
		Jamb	5	5	5	5		
144"	A & B	Head @ Pivot	2	2	2			
		Sill @ Pivot	3	3	3			
	A	Jamb	6	6	6			
		Jamb	6	6	6			
	C & D	Head @ Pivot	2	2	2			
		Sill @ Pivot	2	2	2			
	C	Jamb	6	6	6			
		Jamb	6	6	6			

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

WINDOOR


WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

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ALUMINUM PIVOT DOOR, OS & IS (LM)

DP & ANCHORAGE TABLES

9998FPA-LM-2

10/10/19

JENS ROSOWSKI

6 OF 23

PV9998A

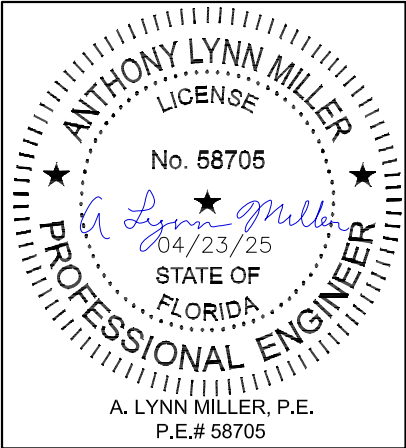
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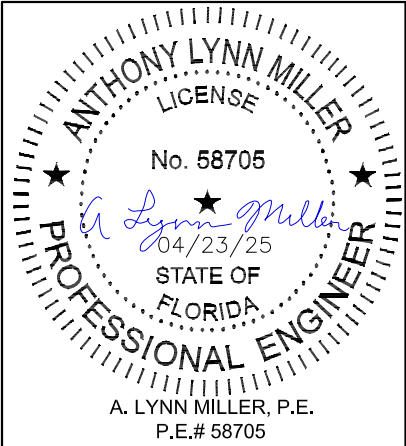


"X" DOOR NOTES:

- 1) THE DOOR IS NOT RATED FOR WATER INFILTRATION RESISTANCE AND MUST ONLY BE USED WHERE IT IS NOT REQUIRED OR WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE FIGURE 1, SHEETS 2-4).
- 2) SEE SHEETS 2-4 FOR INSTALLATION ELEVATIONS.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 7:

X Door Anchor Quantities, Glass Type 2								
Frame Height	Anchor Group	Anchor Location on Frame	X Frame Width / Panel Width					
			48"	54"	60"	63-3/4"	72"	80"
			45"	51"	57"	60-3/4"	69"	77"
80"	A & B	Head @ Pivot	2	2	2	2	3	3
		Sill @ Pivot	2	3	3	3	4	4
	A	Jamb	3	3	3	3	4	4
		Jamb	3	4	5	5	7	8
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	2	2	2	3
	C	Jamb	3	3	3	3	3	3
		Jamb	3	3	3	3	3	3
90"	A & B	Head @ Pivot	2	2	2	3	3	3
		Sill @ Pivot	3	3	3	4	4	4
	A	Jamb	4	4	4	4	4	5
		Jamb	4	5	6	6	8	9
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	2	2	3	3
	C	Jamb	4	4	4	4	4	4
		Jamb	4	4	4	4	4	4
96"	A & B	Head @ Pivot	2	2	3	3	3	4
		Sill @ Pivot	3	3	4	4	4	5
	A	Jamb	4	4	4	4	5	6
		Jamb	4	5	6	7	9	10
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	2	2	3	3
	C	Jamb	4	4	4	4	4	4
		Jamb	4	4	4	4	4	4
108"	A & B	Head @ Pivot	2	3	3	3	4	4
		Sill @ Pivot	3	4	4	4	5	5
	A	Jamb	4	4	4	5	5	6
		Jamb	5	6	8	8	9	10
	C & D	Head @ Pivot	2	2	2	2	2	2
		Sill @ Pivot	2	2	3	3	3	3
	C	Jamb	4	4	4	4	4	4
		Jamb	4	4	4	4	4	4
120"	A & B	Head @ Pivot	3	3	4	4	4	4
		Sill @ Pivot	4	4	5	5	5	5
	A	Jamb	5	5	5	5	5	6
		Jamb	6	7	9	9	9	9
	C & D	Head @ Pivot	2	2	2	2	2	4
		Sill @ Pivot	2	3	3	3	3	5
	C	Jamb	5	5	5	5	5	5
		Jamb	5	5	5	5	5	5
135-1/2"	A & B	Head @ Pivot	4	4	4	4	4	
		Sill @ Pivot	5	5	5	5	5	
	A	Jamb	5	5	5	5	6	
		Jamb	5	6	7	8	9	
	C & D	Head @ Pivot	4	4	4	4	4	
		Sill @ Pivot	5	5	5	5	5	
	C	Jamb	5	5	5	5	5	
		Jamb	5	5	5	5	5	
144"	A & B	Head @ Pivot	4	4	4	4	4	
		Sill @ Pivot	5	5	5	5	5	
	A	Jamb	6	6	6	6	7	
		Jamb	6	6	8	8	10	
	C & D	Head @ Pivot	4	4	4	4	4	
		Sill @ Pivot	5	5	5	5	5	
	C	Jamb	6	6	6	6	6	
		Jamb	6	6	6	6	6	



WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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DP & ANCHORAGE TABLES

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Rev.	ADDED TABLE 7 - CK	Date	04/23/25	Rev. #	J
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TABLE 8:

XX Door Design Pressure, (lbs/ft²), Glass Types 1, 2, 3, & Opaque Panels						
Frame Height	XX Frame Width					
	84"	96"	108"	120"	132"	141-3/8"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-71.3	+60/-65
135-1/2"	+60/-75	+60/-75	+60/-66.1	+52.3/-56.6		
144"	+60/-75	+60/-66.1	+50.8/-55.1			

TABLE 9:

XX Door Design Pressure, (lbs/ft²) Glass Types 4, 5 & Opaque Panels						
Frame Height	XX Frame Width					
	84"	96"	108"	120"	132"	141-3/8"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-75		
135-1/2"	+60/-75	+60/-71.6	+60/-66.1			

TABLE 10:

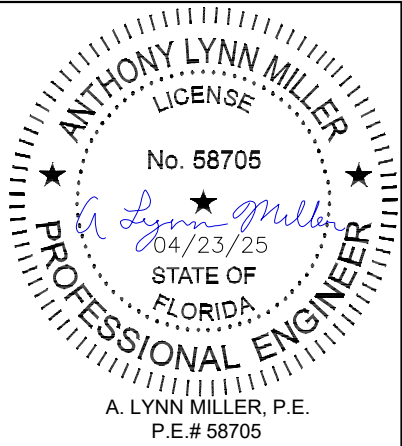
XX Door Design Pressure, (lbs/ft²), Glass Types 6, 7 & Opaque Panels						
Frame Height	XX Frame Width					
	84"	96"	108"	120"	132"	141-3/8"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-71.3	+60/-65
135-1/2"	+60/-75	+60/-75	+60/-66.1	+52.3/-56.6		

"XX" DOOR NOTES:

- 1) THE DOOR IS NOT RATED FOR WATER INFILTRATION RESISTANCE AND MUST ONLY BE USED WHERE IT IS NOT REQUIRED OR WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE FIGURE 1, SHEET 4).
- 2) SEE SHEET 4 FOR INSTALLATION ELEVATIONS.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 11:

XX Door Anchor Quantities, All Glass Types								
Frame Height	Anchor Group	Anchor Location on Frame	XX Frame Width / Panel Width					
			84"	96"	108"	120"	132"	141-3/8"
			40-1/4"	46-1/4"	52-1/4"	58-1/4"	64-1/4"	68-15/16"
80"	A & B	@ Pivot	3	4	4	4	5	5
		@Meeting Point	4	4	5	5	6	6
	C & D	@ Pivot	3	3	3	3	3	3
		@Meeting Point	4	4	4	4	4	5
	A, B, C, D	Jamb	3	3	3	3	3	3
90"	A & B	@ Pivot	4	4	4	5	5	5
		@Meeting Point	4	5	5	6	7	7
	C & D	@ Pivot	3	3	3	3	4	4
		@Meeting Point	4	4	4	4	5	5
	A, B, C, D	Jamb	4	4	4	4	4	4
96"	A & B	@ Pivot	4	4	5	5	5	6
		@Meeting Point	4	5	6	6	7	8
	C & D	@ Pivot	3	3	3	4	4	4
		@Meeting Point	4	4	4	5	5	5
	A, B, C, D	Jamb	4	4	4	4	4	4
108"	A & B	@ Pivot	4	5	5	6	6	6
		@Meeting Point	5	6	6	7	8	8
	C & D	@ Pivot	3	3	4	4	4	4
		@Meeting Point	4	4	4	5	6	6
	A, B, C, D	Jamb	4	4	4	4	4	4
120"	A & B	@ Pivot	5	5	6	6	6	6
		@Meeting Point	5	6	7	8	8	8
	C & D	@ Pivot	4	4	4	4	5	4
		@Meeting Point	4	4	5	6	6	6
	A, B, C, D	Jamb	5	5	5	5	5	5
135-1/2"	A & B	@ Pivot	5	6	6	6		
		@Meeting Point	6	7	7	7		
	C & D	@ Pivot	4	4	4	4		
		@Meeting Point	4	5	5	5		
	A, B, C, D	Jamb	5	5	5	5		
144"	A & B	@ Pivot	6	6	5			
		@Meeting Point	6	6	6			
	C & D	@ Pivot	4	4	4			
		@Meeting Point	4	5	4			
	A, B, C, D	Jamb	6	6	6			



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WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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ALUMINUM PIVOT DOOR, OS & IS (LM)

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TABLE 12:

Door Design Pressure, (lbs/ft ²) for Doors with 3 or More Panels, Glass Types 1, 2, 3, & Opaque Panels Only						
Frame Height	Panel Width **					
	46-11/16"	50-11/16"	54-11/16"	57-3/16"	62"	68-15/16"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2	+60/-65
135-1/2"	+60/-66.5	+56.6/-61.3	+52.5/-56.8	+50.2/-54.3		
144"	+51.1/-55.4	+47.1/-51.1	+43.7/-47.3	+41.8/-45.3		

** SEE FORMULAS ON SHEET 4 TO CALCULATE FRAME SIZES.

TABLE 13:

Door Design Pressure, (lbs/ft ²) for Doors with 3 or More Panels Glass Types 4, 5 & Opaque Panels						
Frame Height	Panel Width**					
	46-11/16"	50-11/16"	54-11/16"	57-3/16"	62"	68-15/16"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2	
135-1/2"	+60/-66.5	+56.6/-61.3	+52.5/-56.8			

** SEE FORMULAS ON SHEET 4 TO CALCULATE FRAME SIZES.

TABLE 14:

Door Design Pressure, (lbs/ft ²) for Doors with 3 or More Panels Glass Types 6, 7 & Opaque Panels						
Frame Height	Panel Width**					
	46-11/16"	50-11/16"	54-11/16"	57-3/16"	62"	68-15/16"
80"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2
120"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.2	+60/-65
135-1/2"	+60/-66.5	+56.6/-61.3	+52.5/-56.8	+50.2/-54.3		

** SEE FORMULAS ON SHEET 4 TO CALCULATE FRAME SIZES.

"XXX+" DOOR NOTES:

- 1) THE DOOR IS NOT RATED FOR WATER INFILTRATION RESISTANCE AND MUST ONLY BE USED WHERE IT IS NOT REQUIRED OR WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE FIGURE 1, SHEET 4).
- 2) SEE SHEET 4 FOR INSTALLATION ELEVATIONS.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 15:

Door Anchor Quantities for Doors with 3 or More Panels, All Glass Types								
Frame Height	Anchor Group	Anchor Location on Frame	XXX Frame Width (in) * / Panel Width (in)					
			144"	156"	168"	175-9/16"	190"	210-13/16"
			46-11/16"	50-11/16"	54-11/16"	57-3/16"	62"	68-15/16"
80"	A & B	Head & Sill @ Pivot Point	3	3	3	3	3	3
		Head & Sill @ Meeting Point	3	3	3	3	3	3
	C & D	Head & Sill @ Pivot Point	3	3	3	3	3	3
		Head & Sill @ Meeting Point	3	3	3	3	3	3
	A, B, C, D	Jamb	8	8	8	8	8	8
90"	A & B	Head & Sill @ Pivot Point	3	3	3	3	3	3
		Head & Sill @ Meeting Point	3	3	3	3	3	3
	C & D	Head & Sill @ Pivot Point	3	3	3	3	3	3
		Head & Sill @ Meeting Point	3	3	3	3	3	3
	A, B, C, D	Jamb	8	8	8	8	8	8
96"	A & B	Head & Sill @ Pivot Point	3	3	3	3	3	3
		Head & Sill @ Meeting Point	3	3	3	3	3	3
	C & D	Head & Sill @ Pivot Point	3	3	3	3	3	3
		Head & Sill @ Meeting Point	3	3	3	3	3	3
	A, B, C, D	Jamb	8	8	8	8	8	8
108"	A & B	Head & Sill @ Pivot Point	3	3	3	3	3	4
		Head & Sill @ Meeting Point	3	3	3	3	3	4
	C & D	Head & Sill @ Pivot Point	3	3	3	3	3	4
		Head & Sill @ Meeting Point	3	3	3	3	3	4
	A, B, C, D	Jamb	9	9	9	9	9	9
120"	A & B	Head & Sill @ Pivot Point	3	3	3	4	4	4
		Head & Sill @ Meeting Point	3	3	3	3	4	4
	C & D	Head & Sill @ Pivot Point	3	3	3	4	4	4
		Head & Sill @ Meeting Point	3	3	3	3	4	4
	A, B, C, D	Jamb	9	9	9	9	9	9
135-1/2"	A & B	Head & Sill @ Pivot Point	3	3	3	3		
		Head & Sill @ Meeting Point	3	3	3	3		
	C & D	Head & Sill @ Pivot Point	3	3	3	3		
		Head & Sill @ Meeting Point	3	3	3	3		
	A, B, C, D	Jamb	10	10	10	10		
144"	A & B	Head & Sill @ Pivot Point	3	3	3	3		
		Head & Sill @ Meeting Point	3	3	3	3		
	C & D	Head & Sill @ Pivot Point	3	3	3	3		
		Head & Sill @ Meeting Point	3	3	3	3		
	A, B, C, D	Jamb	10	10	10	10		

** SEE FORMULAS ON SHEET 4 TO CALCULATE FRAME SIZES.

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PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

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DP & ANCHORAGE TABLES

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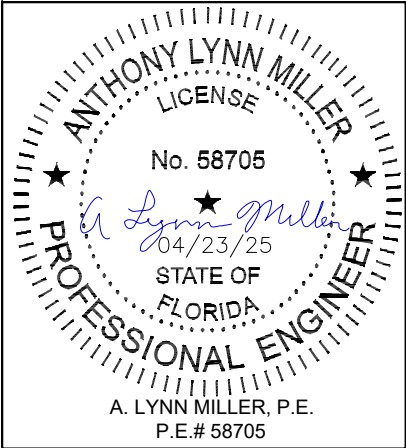


TABLE 16:

Vertical Mullion Design Pressure (lbs/ft²)									
Mullion Length	Opening Width (Both Units)								
	72"	84"	96"	114"	120"	132"	144"	156"	168"
80"	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75
90"	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75		
96"	+/-75	+/-75	+/-75	+/-75	+/-75	+/-73.9			
108"	+/-75	+/-75	+/-71.4	+/-65	+/-57.1				
120"	+/-69.4	+/-65	+/-65	+/-65					
135-1/2"	+/-48.2	+/-41.3	+/-36.1						
144"	+/-40.1	+/-34.4							

TABLE 17:

Cluster Anchors Required at Each Vertical Mullion End											
Mullion Length	Anchor Group	Opening Width (Both Units)									
		72"	84"	96"	114"	120"	132"	144"	156"	168"	
80"	A & B	4	5	5	6	6	7	8	8	9	
	C & D	3	3	4	4	5	5	5	6	6	
90"	A & B	4	5	6	7	7	8	8			
	C & D	3	4	4	5	5	5	6			
96"	A & B	5	5	6	7	8	8				
	C & D	3	4	4	5	5	6				
108"	A & B	5	6	7	7	7					
	C & D	4	4	5	5	5					
120"	A & B	5	6	7	8						
	C & D	4	4	5	5						
135-1/2"	A & B	4	4	4							
	C & D	3	3	3							
144"	A & B	4	4								
	C & D	3	3								

MULLION NOTES:

- 1) IN SOME CASES, YOU MAY USE HALF OF THE VERTICAL MULLION ANCHOR QUANTITY SHOWN. SEE SHEET 2, "MULLION/PIVOT CLUSTER NOTE".
- 2) SEE SHEETS 2-5 FOR INSTALLATION ELEVATIONS.
- 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.

TABLE 18:

Horizontal Mullion Design Pressure (lbs/ft²)								
Mullion Length	Total Opening Height (Both Units)							
	96"	108"	120"	132"	144"	156"	168"	180"
80"	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75
86"	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75	+/-75
92"	+/-75	+/-75	+/-75	+/-75	+/-75	+/-73	+/-67.8	+/-63.3
96"	+/-75	+/-75	+/-75	+/-75	+/-69.6	+/-64.3	+/-59.7	+/-55.7
102"	+/-75	+/-75	+/-69.7	+/-63.3	+/-58.1	+/-53.6	+/-50	+/-50
114"	+/-62.4	+/-55.5	+/-50	+/-50	+/-50	+/-50	+/-50	+/-50
120"	+/-53.5	+/-47.5	+/-42.8	+/-38.9	+/-35.7	+/-32.9	+/-30.6	
132"	+/-40.2	+/-35.7	+/-32.1	+/-29.2	+/-26.8			

TABLE 19:

Cluster Anchors Required at Each Horizontal Mullion End									
Mullion Length	Anchor Group	Total Opening Height (Both Units)							
		96"	108"	120"	132"	144"	156"	168"	180"
80"	A	5	6	6	7	8	8	9	9
	B	8	9	9	10	11	12	13	14
	C	4	4	5	5	5	6	6	7
	D	4	5	5	6	6	7	7	8
86"	A	6	6	7	7	8	9	9	10
	B	8	9	10	11	12	13	14	15
	C	4	4	5	5	6	6	7	7
92"	D	5	5	6	6	7	7	8	8
	A	6	7	7	8	9	9	9	9
	B	9	10	11	12	13	13	13	13
96"	C	4	5	5	6	6	6	6	6
	D	5	5	6	6	7	7	7	7
	A	6	7	8	8	8	8	8	8
102"	B	9	10	11	12	12	12	12	12
	C	4	5	5	6	6	6	6	6
	D	5	6	6	7	7	7	7	7
108"	A	7	7	7	7	7	7	8	8
	B	10	11	11	11	11	11	11	12
	C	5	5	5	5	5	5	5	6
114"	D	5	6	6	6	6	6	6	7
	A	6	6	6	7	7	8	8	9
	B	9	9	9	10	11	12	12	13
120"	C	4	4	4	5	5	5	6	6
	D	5	5	5	5	6	6	7	7
	A	6	6	6	6	6	6	6	
132"	B	8	8	8	8	8	8	8	
	C	4	4	4	4	4	4	4	
	D	5	5	5	5	5	5	5	
144"	A	5	5	5	5	5			
	B	7	7	7	7	7			
	C	3	3	3	3	3			
	D	4	4	4	4	4			

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

WINDOOR

WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

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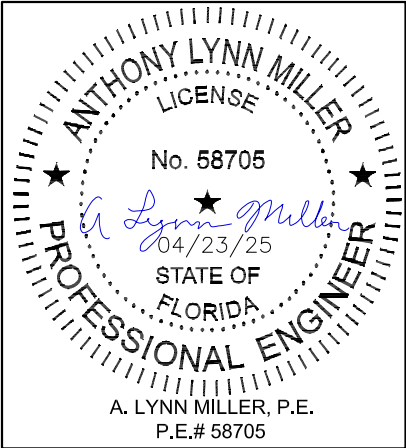


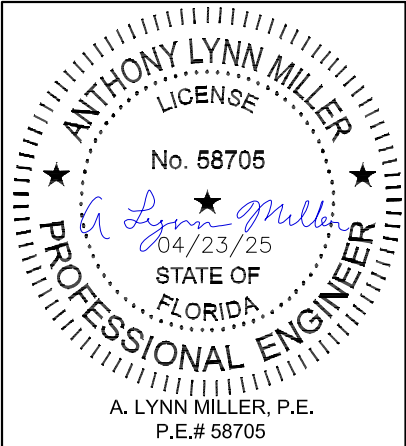
TABLE 20:

Picture Window, Sidelite or Transom Design Pressure (lbs/ft²), Glass Types 1, 2, 3, & Opaque Panels											
Long Side Length	Short Side Length										
	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"
30"	+60/-75										
36"	+60/-75	+60/-75									
42"	+60/-75	+60/-75	+60/-75								
48"	+60/-75	+60/-75	+60/-75	+60/-75							
54"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75						
60"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75					
66"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75				
72"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75			
78"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75		
84"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	
90"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-74.1	+60/-73.1	+60/-72.8
96"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.8	+60/-70.7	+60/-69.3	+60/-68.5
102"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-73.4	+60/-70.3	+60/-68	+60/-66.3	
108"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-71.5	+60/-68.3	+60/-65.7		
114"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-74.1	+60/-69.9	+60/-66.5			
120"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-72.8	+60/-68.5	+60/-65			
126"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-71.7	+60/-67.2				
132"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-70.7					
138"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-75	+60/-69.8					
144"	+60/-75	+60/-75	+60/-75	+60/-75	+60/-74.7	+60/-69					

SEE TABLE 21 FOR ANCHOR QUANTITIES REQUIRED.

"O" FIXED LITE NOTES:

- 1) SEE SHEETS 2-5 FOR INSTALLATION ELEVATIONS.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) ALL SIZES ON THIS SHEET ARE RATED FOR A WATER TEST PRESSURE THAT IS 15% OF THE POSITIVE DESIGN PRESSURE LISTED IN THE TABLE.



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WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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ALUMINUM PIVOT DOOR, OS & IS (LM)

DP & ANCHORAGE TABLES

PV9998A

10/10/19

By JENS ROSOWSKI

No. 9998FFPA-LM-2

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Sheet

DWG

TABLE 21:

Picture Window, Sidelite or Transom Anchor Quantities, Glass Types 1, 2, 3, & Opaque Panels																																													
Long Side Length	Anchor Location on Frame	Short Side Length / Anchor Group																																											
		30"				36"				42"				48"				54"				60"				66"				72"				78"				84"				90"			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D								
30"	Long Side	2	2	2	2																																								
	Short Side	2	2	2	2																																								
36"	Long Side	2	2	2	2	2	2	2	2																																				
	Short Side	2	2	2	2	2	2	2	2																																				
42"	Long Side	2	2	2	2	2	2	2	2	2	2	2	2	2																															
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2																															
48"	Long Side	2	2	2	2	2	3	2	2	2	3	2	2	2	3	2	2																												
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2																												
54"	Long Side	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2																								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	3	2	2																				
60"	Long Side	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	4	3	3	3	4	3	3																				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	4	3	3																
66"	Long Side	3	3	3	3	3	4	3	3	3	4	3	3	3	4	3	3	3	4	3	3	3	5	3	3	3	5	3	3																
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	5	3	3																
72"	Long Side	3	4	3	3	3	4	3	3	3	4	3	3	3	5	3	3	3	5	3	3	4	5	3	3	4	5	3	3	4	5	3	3												
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	5	3	3	4	5	3	3												
78"	Long Side	3	4	3	3	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	3	4	6	3	3	4	6	3	3	4	6	3	3	4	6	3	4								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	5	3	3	4	5	3	3	4	6	3	4								
84"	Long Side	3	4	3	3	3	5	3	3	4	5	3	3	4	6	3	3	4	6	3	4	4	7	3	4	5	7	3	4	5	7	3	4	5	7	3	4	5	7	3	4				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	5	3	3	4	5	3	3	4	6	3	4	5	7	3	4				
90"	Long Side	4	5	4	4	4	5	4	4	4	6	4	4	4	6	4	4	5	7	4	4	5	7	4	4	5	7	4	4	5	8	4	4	5	8	4	4	5	8	4	4	5	8	4	4
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	5	3	3	4	5	3	3	4	6	3	3	5	7	3	4	5	8	4	4
96"	Long Side	4	5	4	4	4	6	4	4	4	6	4	4	5	7	4	4	5	7	4	4	5	8	4	4	6	8	4	5	6	8	4	5	6	8	4	5	6	8	4	5	6	8	4	5
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	5	3	3	4	5	3	3	4	6	3	3	4	7	3	4	5	7	4	4
102"	Long Side	4	5	4	4	4	6	4	4	5	7	4	4	5	7	4	4	5	8	4	4	6	9	4	5	6	9	4	5	6	9	4	5	6	9	4	5	6	9	4	5				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	4	3	3	3	5	3	3	4	6	3	3	4	6	3	4				
108"	Long Side	4	6	4	4	4	7	4	4	5	7	4	4	5	8	4	4	6	9	4	5	6	9	4	5	6	9	4	5	6	9	4	5	6	9	4	5								
	Short Side	5	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	4	3	3	3	5	3	3	4	5	3	3								
114"	Long Side	4	6	4	4	5	7	4	4	5	8	4	4	6	9	4	5	6	9	4	5	7	10	5	5	7	10	5	5																
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	4	3	3	3	5	3	3												
120"	Long Side	5	6	5	5	5	7	5	5	6	8	5	5	6	9	5	5	7	10	5	5	7	10	5	6	7	10	5	6																
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	4	3	3	3	5	3	3												
126"	Long Side	5	7	5	5	5	8	5	5	6	9	5	5	7	10	5	5	7	10	5	6	7	11	5	6	7	11	5	6																
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3	3	4	3	3																
132"	Long Side	5	7	5	5	6	8	5	5	6	9	5	5	7	10	5	6	7	11	5	6	8	11	5	6																				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3																				
138"	Long Side	5	7	5	5	6	9	5	5	7	10	5	5	7	11	5	6	8	12	6	6	8	12	6	6																				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	3	4	3	3																				
144"	Long Side	5	8	5	5	6	9	5	5	7	10	5	6	8	11	5	6	8	12	6	7	8	12	6	7																				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3																				

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIDE LENGTH DIMENSION SHOWN ON THE TABLE.

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

ALUMINUM PIVOT DOOR, OS & IS (LM)

10/10/19

By

JENS ROSOWSKI

DWG

No.

9998FPA-LM-2

Sheet

12 OF 23

Series

Desc.

PV9998A

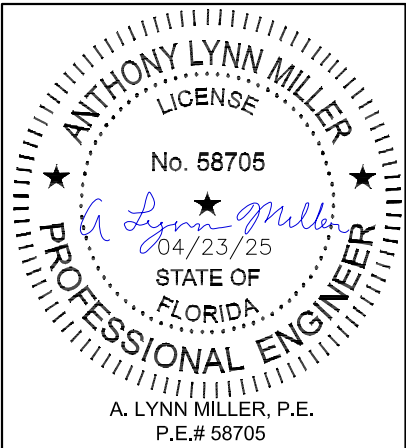


TABLE 22:

Picture Window, Sidelite or Transom Design Pressure (lbs/ft²), Glass Types 4 & 5									
Long Side Length	Short Side Length								
	30"	36"	42"	48"	54"	60"	62-1/4"	66"	72"
30"	+80/-90								
36"	+80/-90	+80/-90							
42"	+80/-90	+80/-90	+80/-90						
48"	+80/-90	+80/-90	+80/-90	+80/-90					
54"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90				
60"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90			
62-1/4"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90		
66"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	
72"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
78"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
84"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
90"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+79.3/-90	+76.8/-90
96"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+78.8/-90	+76.6/-90	
102"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+78.3/-90	+76.7/-90		
108"	+80/-90	+80/-90	+80/-87.8	+80/-86.7	+80/-88.7	+76.5/-86.6			
114"	+80/-90	+80/-90	+80/-82.2	+80/-80.3	+80/-81.5				
120"	+80/-90	+80/-90	+/-78.6	+/-75.1	+/-76.7				
126-7/8"	+80/-90	+80/-90	+/-75	+/-68.9					

SEE TABLE 24 FOR ANCHOR QUANTITIES REQUIRED.

TABLE 23:

Picture Window, Sidelite or Transom Design Pressure (lbs/ft²), Glass Types 6 & 7									
Long Side Length	Short Side Length								
	30"	36"	42"	48"	54"	60"	62-1/4"	66"	72"
30"	+80/-90								
36"	+80/-90	+80/-90							
42"	+80/-90	+80/-90	+80/-90						
48"	+80/-90	+80/-90	+80/-90	+80/-90					
54"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90				
60"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90			
62-1/4"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90		
66"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	
72"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
78"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
84"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
90"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
96"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90
102"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+79.2/-89.1
108"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	
114"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90		
120"	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90	+80/-90		
126-7/8"	+80/-90	+80/-90	+80/-90	+80/-86.7	+80/-82.5				

SEE TABLE 24 FOR ANCHOR QUANTITIES REQUIRED.

Rev.

NO CHANGES THIS SHEET

Date

04/23/25

Rev. #

J

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WINDOOR, LLC

104 TRIPLE DIAMOND BLVD

N VENICE, FL 34275

(833) 554-5432

PREPARED BY A. LYNN MILLER

1070 TECHNOLOGY DRIVE

N. VENICE, FL 34275

(941) 480-1600

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ALUMINUM PIVOT DOOR, OS & IS (LM)

10/10/19

By

JENS ROSOWSKI

DP & ANCHORAGE TABLES

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PV9998A

9998FFPA-LM-2

Series

Desc.

Title

DWG

No.

Sheet

PROFESSIONAL ENGINEER

ANTHONY LYNN MILLER

LICENSE

No. 58705

04/23/25

STATE OF FLORIDA

A. LYNN MILLER, P.E.

P.E.# 58705

"O" FIXED LITE NOTES:

- 1) SEE SHEETS 2-5 FOR INSTALLATION ELEVATIONS.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
- 3) ALL SIZES ON THIS SHEET ARE RATED FOR A WATER TEST PRESSURE THAT IS 15% OF THE POSITIVE DESIGN PRESSURE LISTED IN THE TABLE.

TABLE 24:

Picture Window, Sidelite or Transom Anchor Quantities, Glass Types 4, 5, 6, & 7																																					
Long Side Length	Anchor Location on Frame	Short Side Length / Anchor Group																																			
		30"				36"				42"				48"				54"				60"				62-1/4"				66"				72"			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D				
30"	Long Side	2	2	2	2																																
	Short Side	2	2	2	2																																
36"	Long Side	2	2	2	2	2	2	2	2																												
	Short Side	2	2	2	2	2	2	2	2																												
42"	Long Side	2	2	2	2	2	2	2	2	2	2	2	2																								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2																								
48"	Long Side	2	3	2	2	2	3	2	2	2	3	2	2	2	3	2	2																				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2																				
54"	Long Side	2	3	2	2	2	3	2	2	3	4	2	2	3	4	2	2	3	4	2	2																
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2																
60"	Long Side	3	4	3	3	3	4	3	3	3	4	3	3	3	4	3	3	3	4	3	3	3	5	3	3												
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3												
62-1/4"	Long Side	3	4	3	3	3	4	3	3	3	4	3	3	3	5	3	3	3	5	3	3	3	5	3	3	3	5	3	3								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3								
66"	Long Side	3	4	3	3	3	4	3	3	3	5	3	3	3	5	3	3	4	5	3	3	4	5	3	3	4	5	3	3	4	5	3	3				
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3				
72"	Long Side	3	4	3	3	3	5	3	3	4	5	3	3	4	6	3	3	4	6	3	3	4	6	3	3	4	6	3	4	4	6	3	4	4	6	3	4
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	4
78"	Long Side	3	5	3	3	4	5	3	3	4	6	3	3	4	6	3	4	5	7	3	4	5	7	3	4	5	7	3	4	5	7	3	4	5	7	4	4
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	4
84"	Long Side	4	5	3	3	4	6	3	3	4	6	3	4	5	7	3	4	5	7	4	4	5	8	4	4	5	8	4	4	5	8	4	4	6	8	4	5
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	4
90"	Long Side	4	6	4	4	4	6	4	4	5	7	4	4	5	8	4	4	6	8	4	5	6	9	4	5	6	9	4	5	6	9	4	5	6	9	4	5
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	4
96"	Long Side	4	6	4	4	5	7	4	4	5	8	4	4	6	8	4	5	6	9	4	5	6	9	4	5	6	10	5	5	7	10	5	5	7	10	5	6
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	4
102"	Long Side	4	6	4	4	5	7	4	4	6	8	4	5	6	9	4	5	6	10	5	5	7	10	5	6	7	10	5	6	7	11	5	6	7	11	5	6
	Short Side	5	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3	4	6	3	4
108"	Long Side	5	7	4	4	5	8	4	4	6	9	4	5	6	9	5	5	7	10	5	6	7	11	5	6	8	11	5	6								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3	4	5	3	3				
114"	Long Side	5	7	4	4	6	8	4	5	6	9	4	5	7	10	5	6	7	11	5	6	8	12	6	6	8	12	6	7								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3								
120"	Long Side	5	8	5	5	6	9	5	5	7	10	5	5	7	11	5	6	8	12	6	6	8	13	6	7	9	13	6	7								
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	4	2	2	3	5	3	3	3	5	3	3								
126-7/8"	Long Side	5	8	5	5	6	9	5	5	7	10	5	6	8	11	5	6	8	12	5	6																
	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2																

FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SIDE LENGTH DIMENSION SHOWN ON THE TABLE.

WINDOOR



PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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ALUMINUM PIVOT DOOR, OS & IS (LM)

DP & ANCHORAGE TABLES

10/10/19

JENS ROSOWSKI

14 OF 23

PV9998A

9998FPA-LM-2

No.

DWG

Rev.

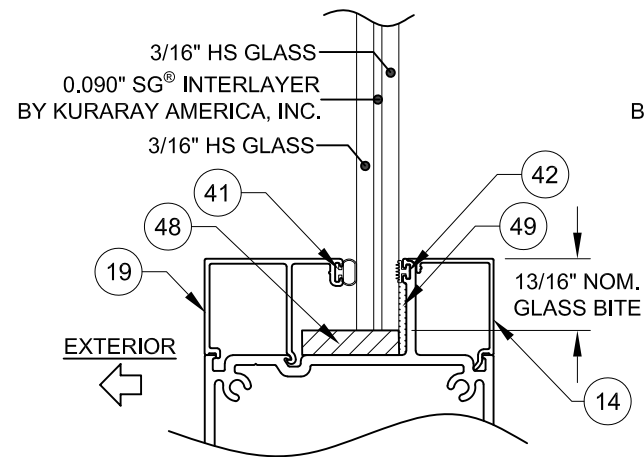
NO CHANGES THIS SHEET

Date

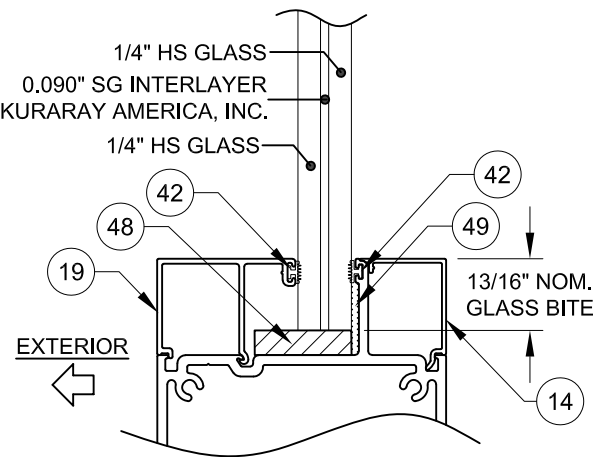
04/23/25

Rev. #

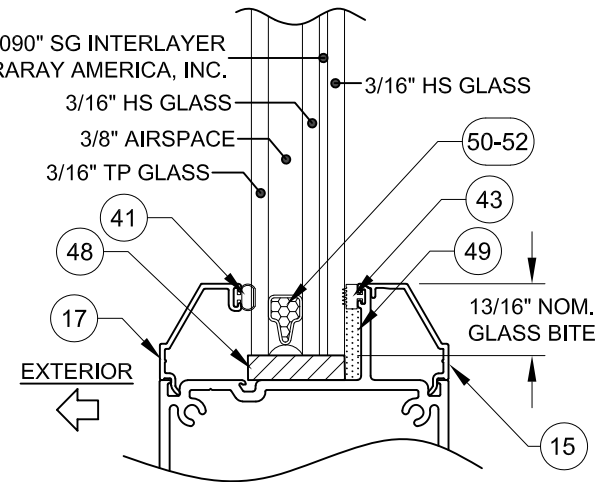
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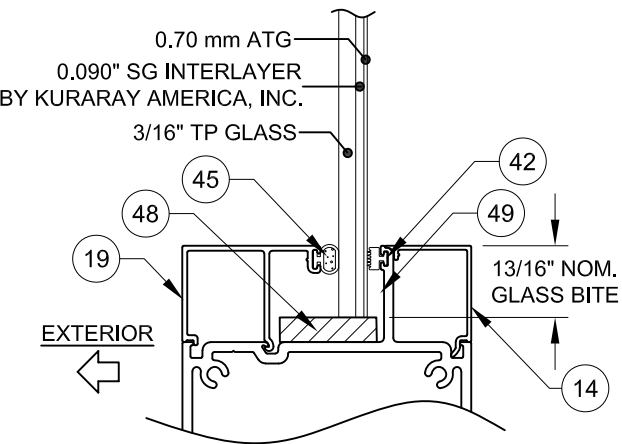
GLASS TYPE 1
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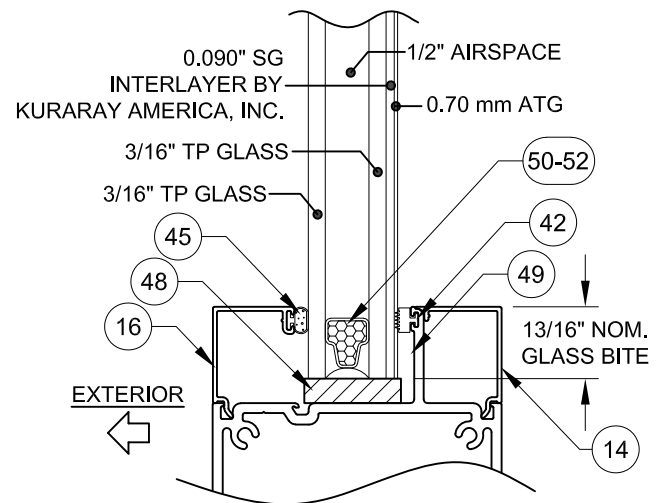
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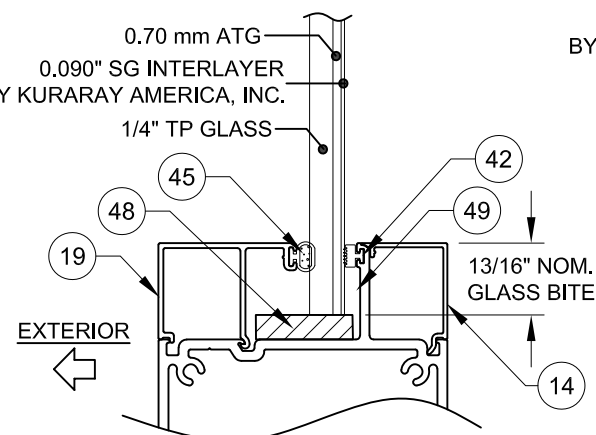
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1" NOM. GLASS STACK



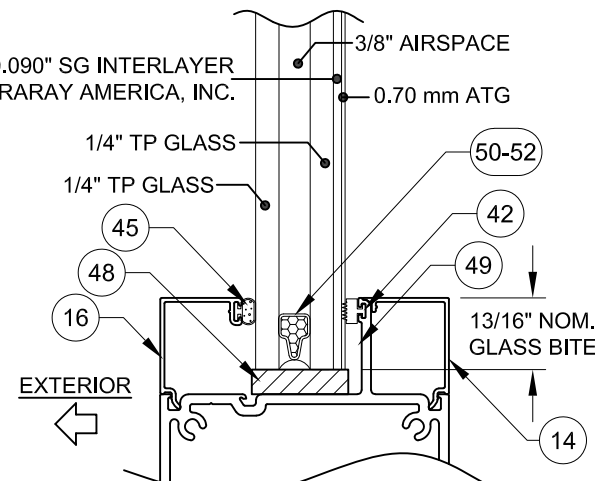
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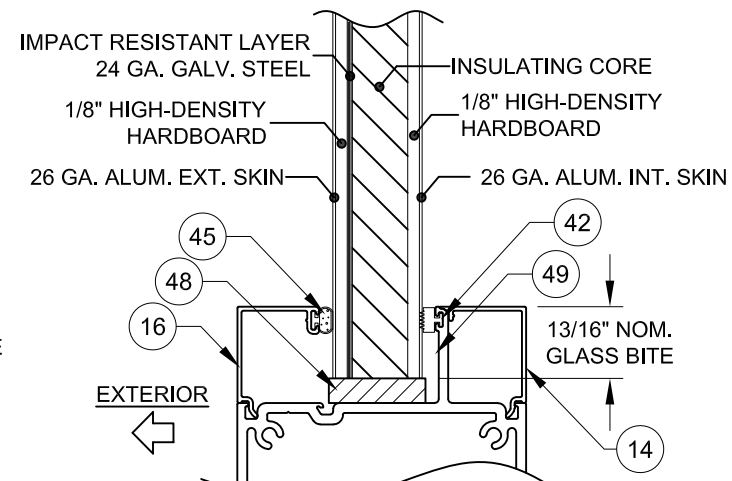
GLASS TYPE 5
1" NOM. GLASS STACK



GLASS TYPE 6
3/8" NOM. GLASS STACK



GLASS TYPE 7
1" NOM. GLASS STACK

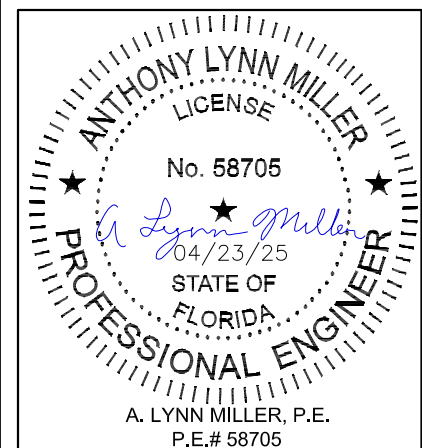


OPAQUE PANEL
MAPES ARCHITECTURAL PANE MAPESHIELD ©
1" NOM. STACK

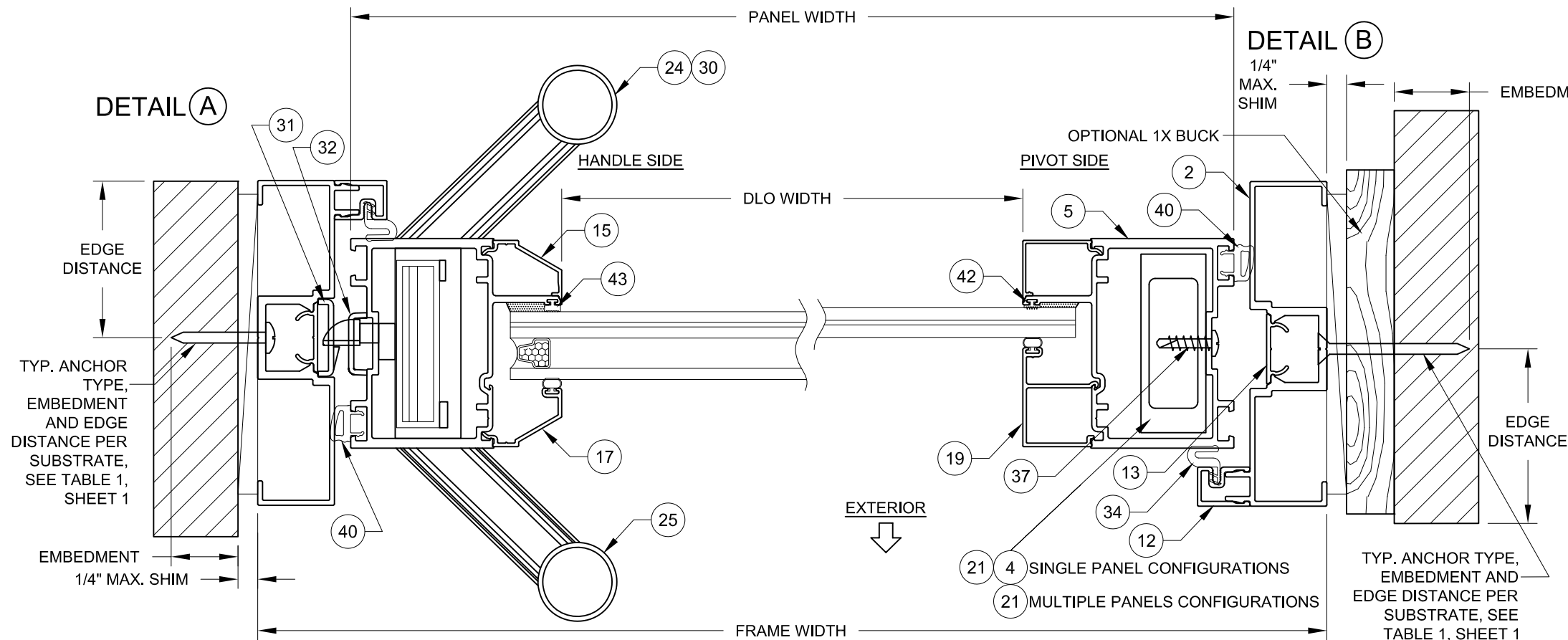
HS = HEAT STRENGTHENED
TP = TEMPERED

SG = .090" SENTRYGLAS INTERLAYER BY
KURARAY AMERICA, INC.

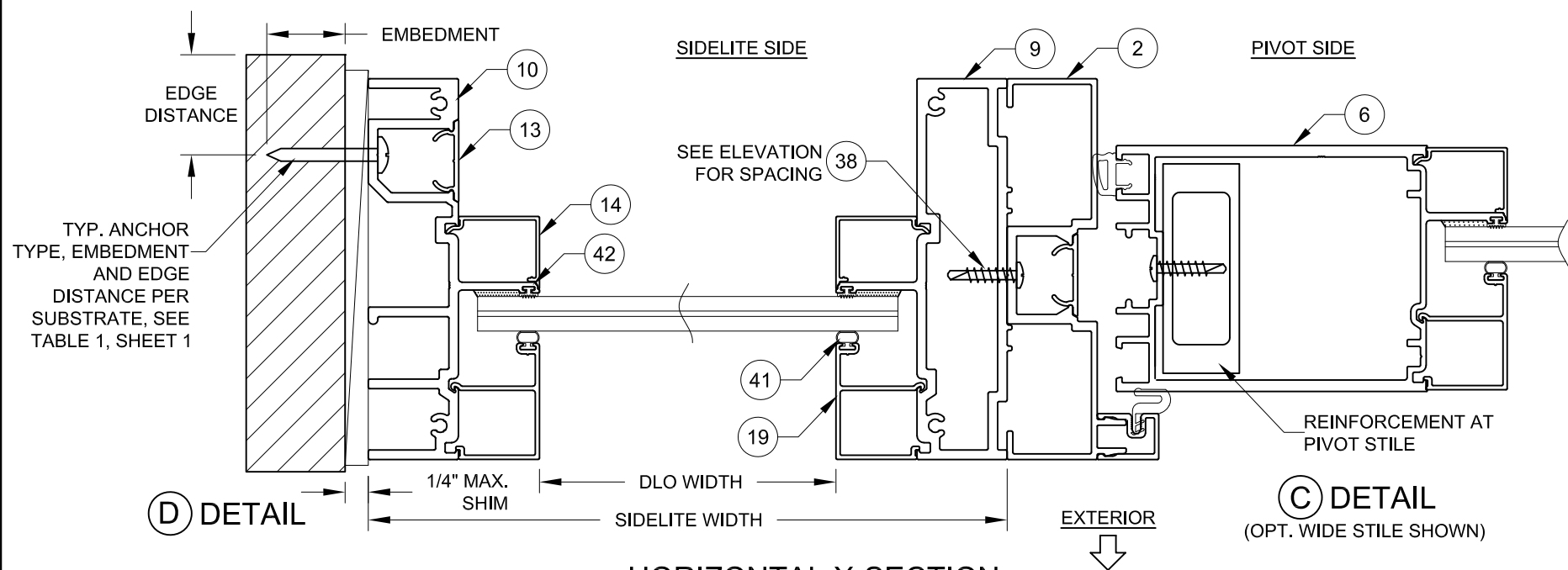
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WINDOOR		GLAZING DETAILS		9998FPA-LM-2	
PV9998A		15 OF 23		No.	
Sheet		DWG		9998FPA-LM-2	
Series		Desc.		Title	



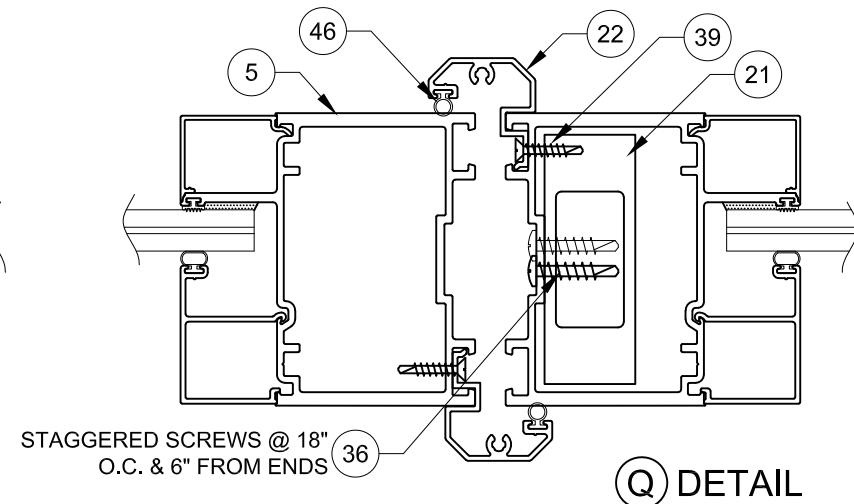
A. LYNN MILLER, P.E.
P.E.# 58705



HORIZONTAL X-SECTION
(OUTSWING DOOR SHOWN, INSWING SIMILAR)



HORIZONTAL X-SECTION
(SIDELITE TO OUTSWING DOOR)



HORIZONTAL X-SECTION
(PANEL-TO-PANEL MEETING POINT)

NOTES

1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN TABLE 1. FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY FRAME MEMBER. ALL ANCHOR HEAD TYPES ARE ALLOWED AT THE HEAD AND JAMBS; FLATHEAD ANCHORS REQUIRED AT THE SILL.

2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

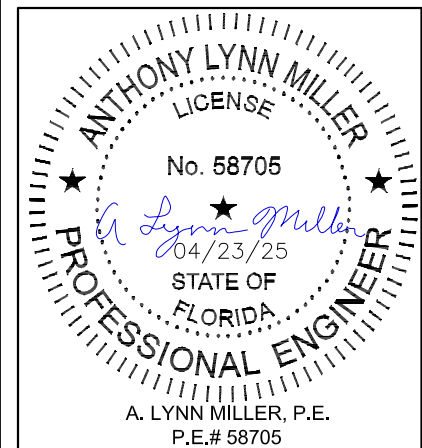
DOOR DLO FORMULAS:

NARROW STILE DLO = FRAME WIDTH - 9-1/2"
WIDE STILE DLO = FRAME WIDTH - 13-1/8"
HEIGHT DLO = FRAME HEIGHT - 13-1/4"

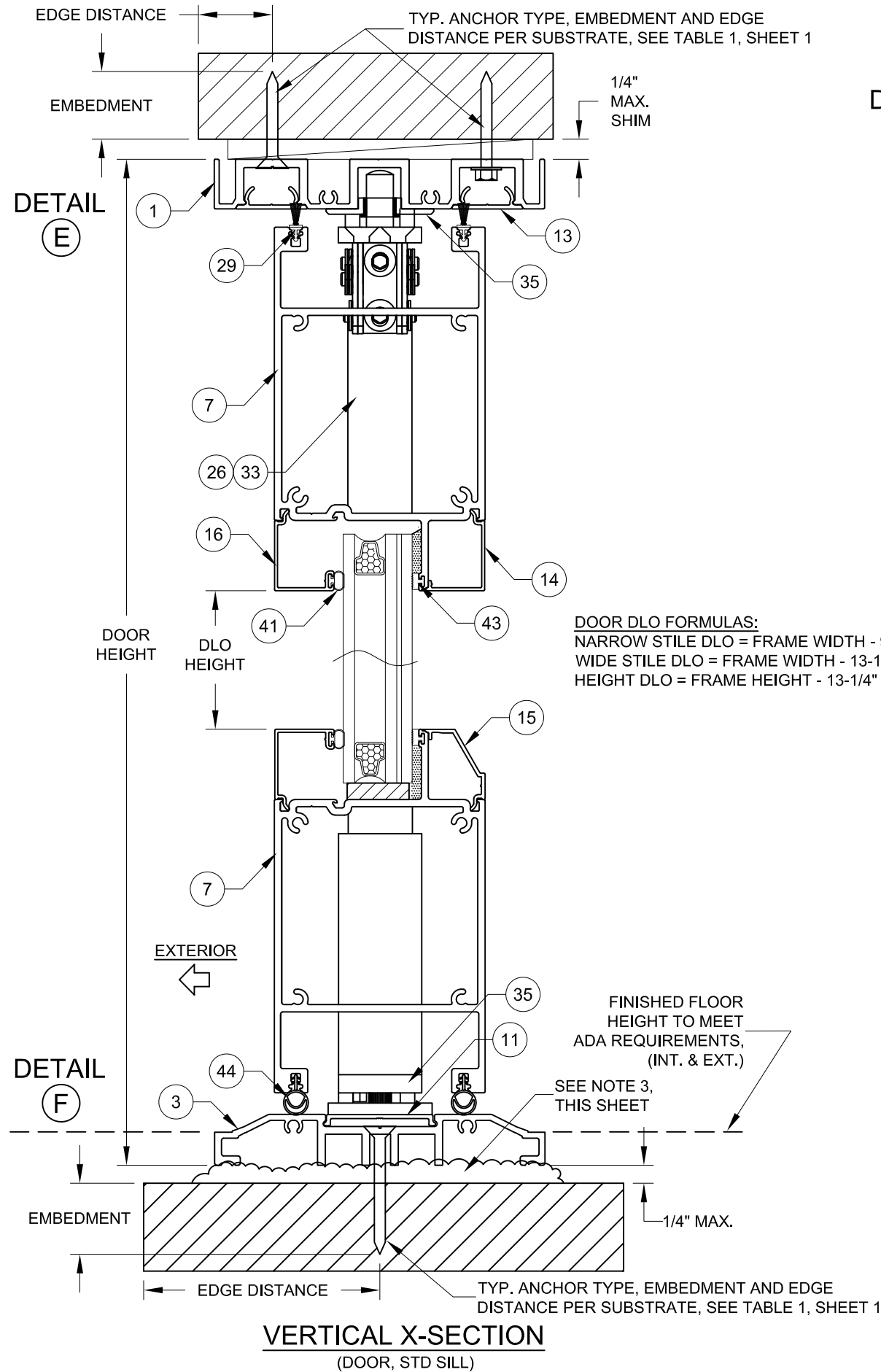
WINDOW DLO FORMULAS:

NARROW STILE DLO = FRAME WIDTH OR HEIGHT - 4-1/2"
WIDE STILE WINDOW DLO = WIDTH OR HEIGHT - 13-1/8"

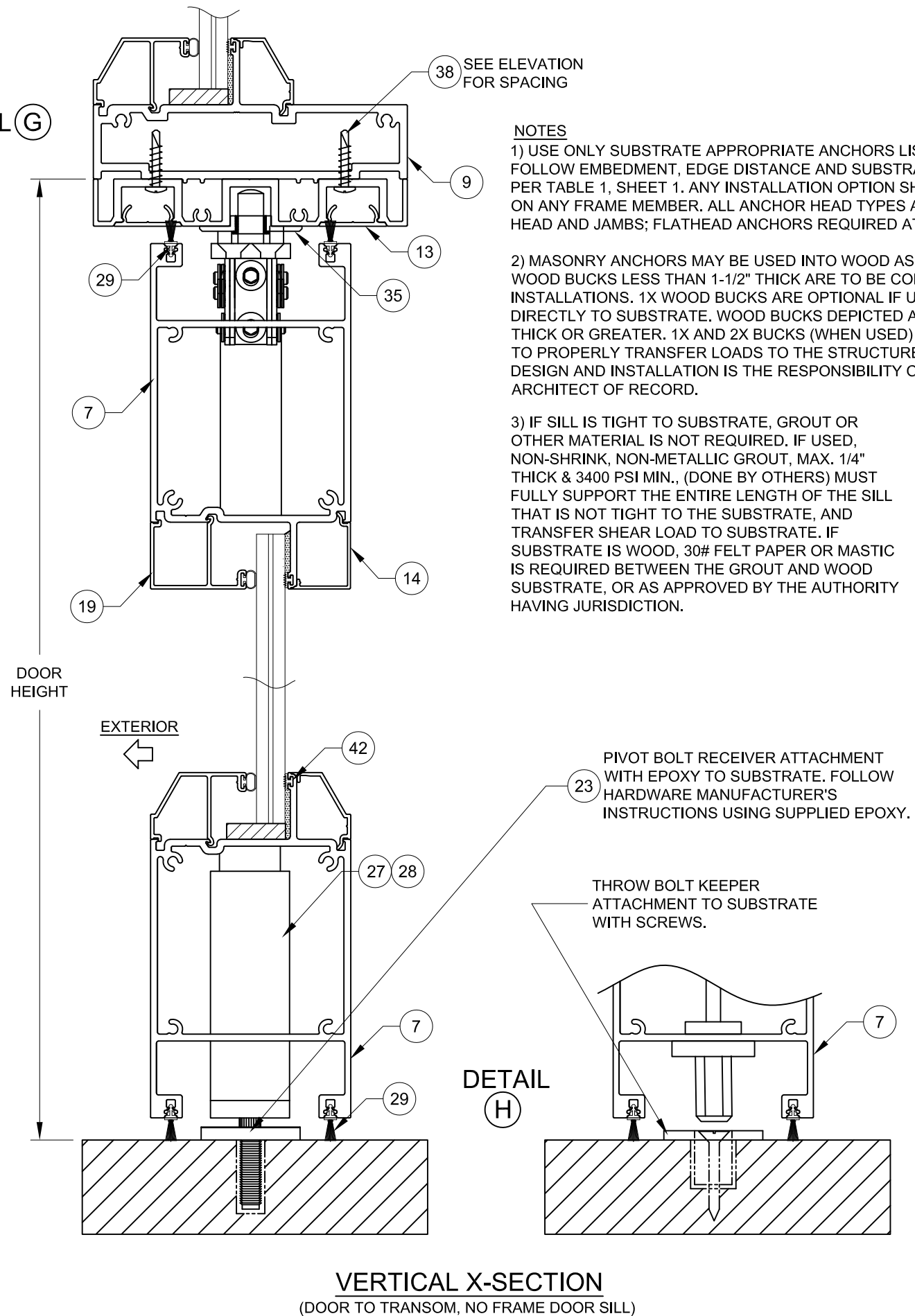
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM PIVOT DOOR, OS & IS (LM)		By		Date		9998FPA-LM-2	
WINDOOR		HORIZONTAL X-SECTIONS		16 OF 23		PV9998A		9998FPA-LM-2	
Series		Desc.		Title		No.		DWG	



Rev.	04/23/25	J
Date	04/23/25	J
Rev.	04/23/25	J
Date	04/23/25	J
Rev.	04/23/25	J
Date	04/23/25	J

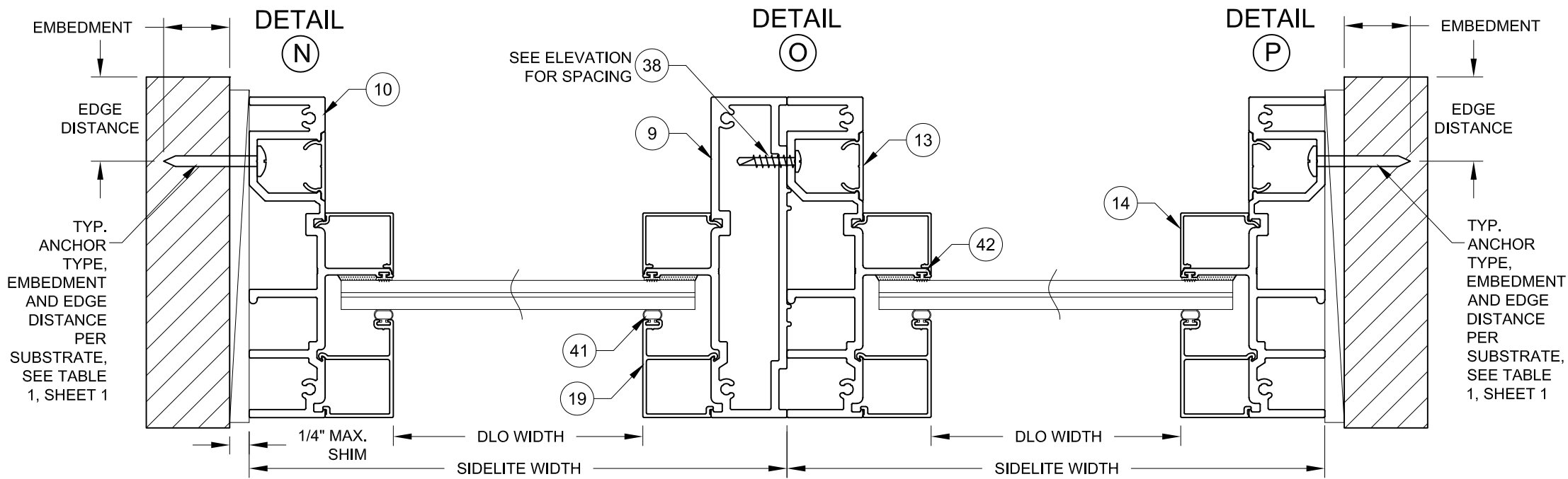


DETAIL G



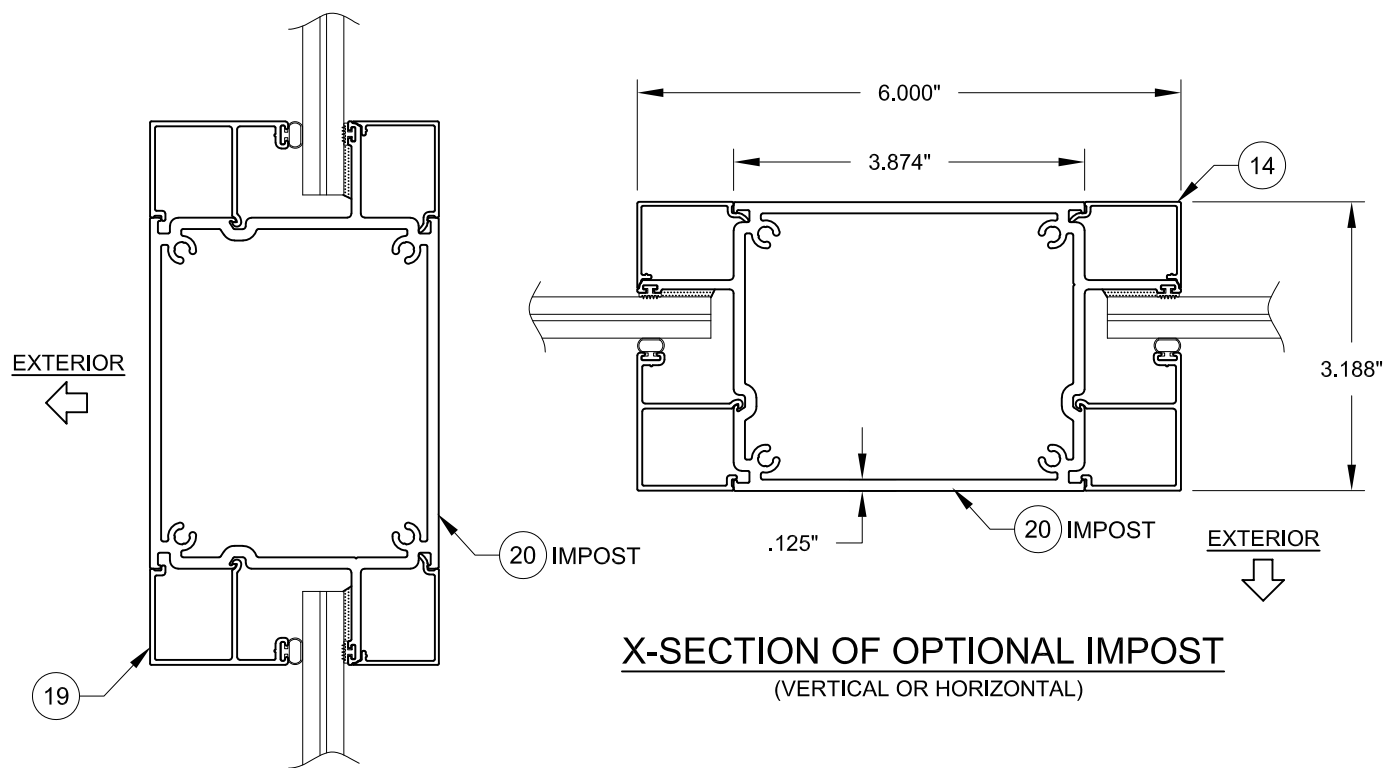
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		ALUMINUM PIVOT DOOR, OS & IS (LM)		17 OF 23 Sheet		PV9998A			
WINDOOR		VERTICAL X-SECTIONS							

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/23/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

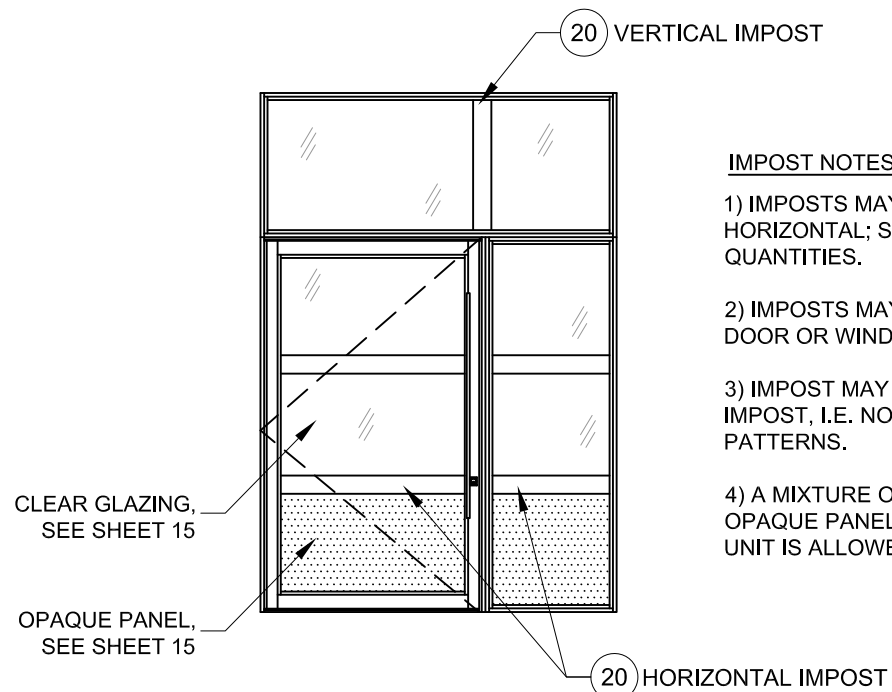


HORIZONTAL X-SECTION
(VERTICALLY MULLED PICTURE WINDOWS O(O))

WINDOW DLO FORMULAS:
NARROW STILE DLO = FRAME WIDTH OR HEIGHT - 4-1/2"
WIDE STILE WINDOW DLO = WIDTH OR HEIGHT - 13-1/8"



X-SECTION OF OPTIONAL IMPOST
(VERTICAL OR HORIZONTAL)



IMPOST NOTES

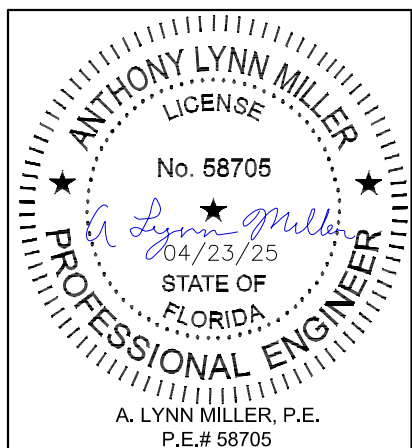
- 1) IMPOSTS MAY BE VERTICAL OR HORIZONTAL; SINGLE OR IN MULTIPLE QUANTITIES.
- 2) IMPOSTS MAY BE USED IN ANY DOOR OR WINDOW CONFIGURATION.
- 3) IMPOST MAY NOT CROSS ANOTHER IMPOST, I.E. NO "T" OR "CROSS" PATTERNS.
- 4) A MIXTURE OF GLAZING TYPES OR OPAQUE PANELS WITHIN THE SAME UNIT IS ALLOWED.

NOTES

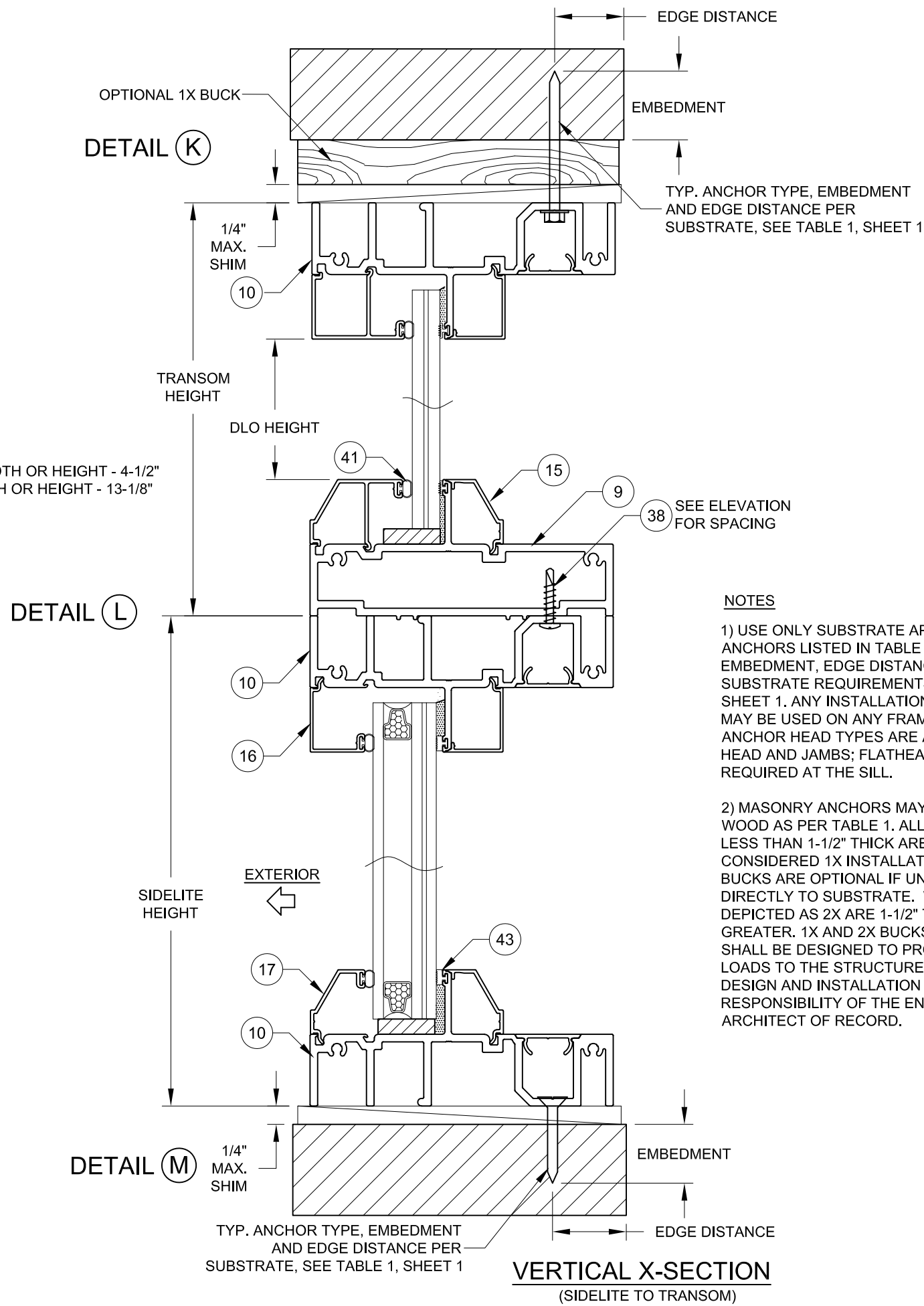
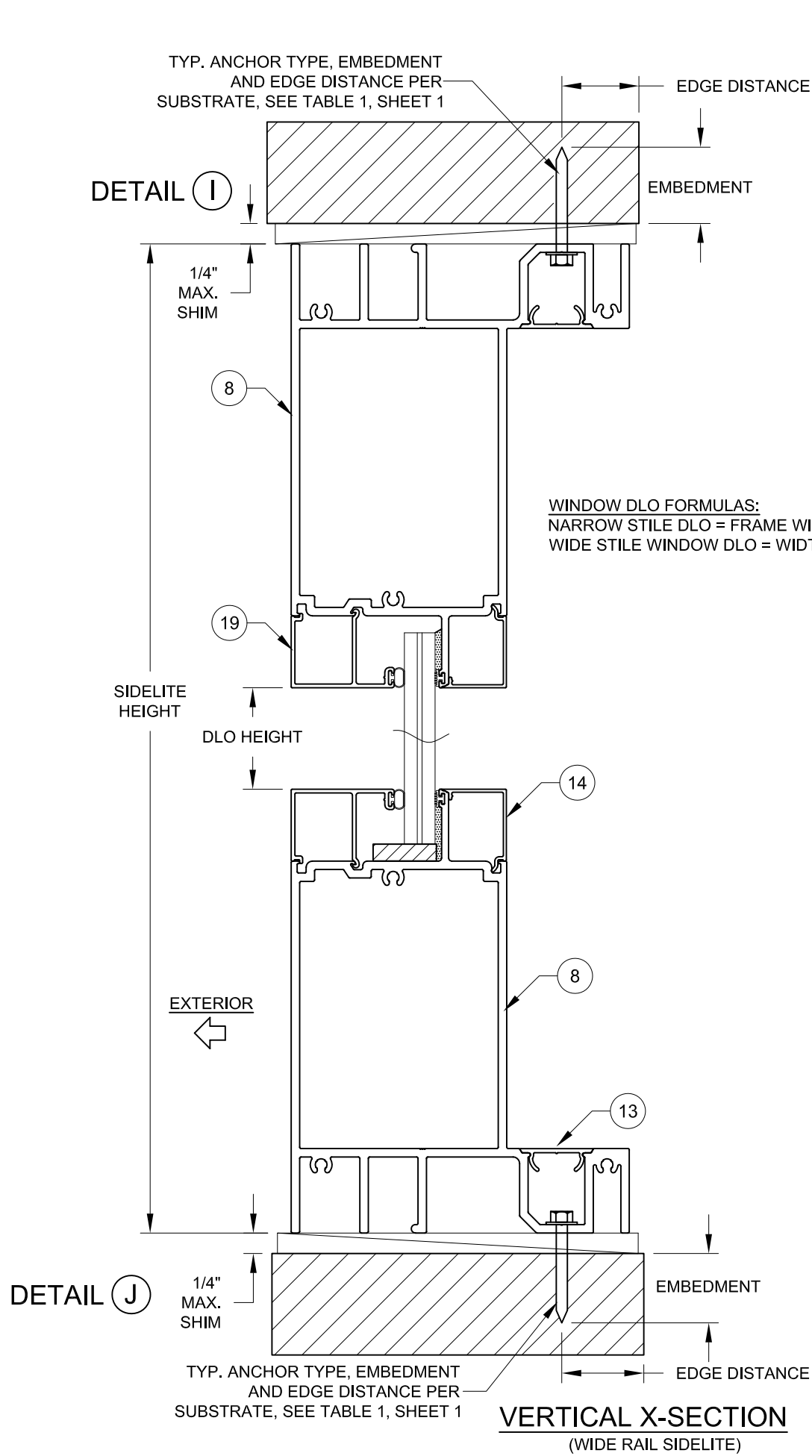
1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN TABLE 1. FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY FRAME MEMBER. ALL ANCHOR HEAD TYPES ARE ALLOWED AT THE HEAD AND JAMBS; FLATHEAD ANCHORS REQUIRED AT THE SILL.

2) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM PIVOT DOOR, OS & IS (LM)		18 OF 23 Sheet		PV9998A Desc.		HORIZONTAL PW X-SECTIONS & IMPOST X-SECTIONS Title	



Rev.	NO CHANGES THIS SHEET	Date	04/23/25	J
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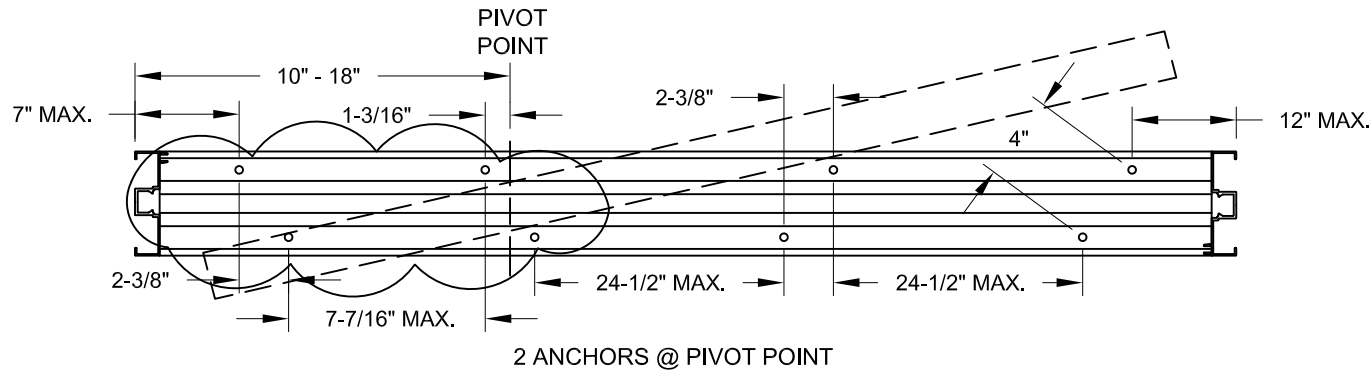
1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN TABLE 1. FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY FRAME MEMBER. ALL ANCHOR HEAD TYPES ARE ALLOWED AT THE HEAD AND JAMBS; FLATHEAD ANCHORS REQUIRED AT THE SILL.

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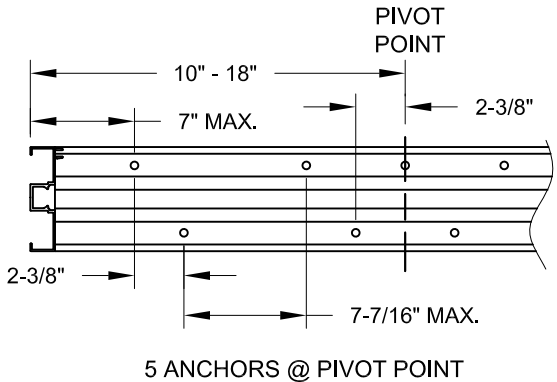
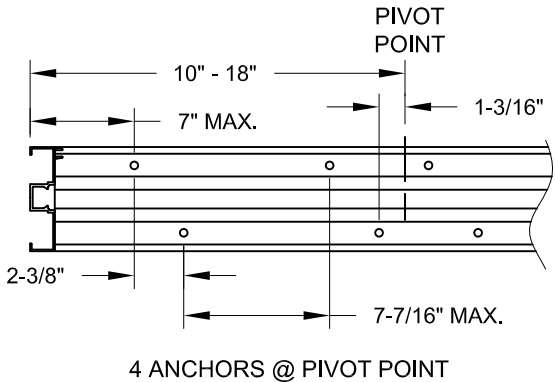
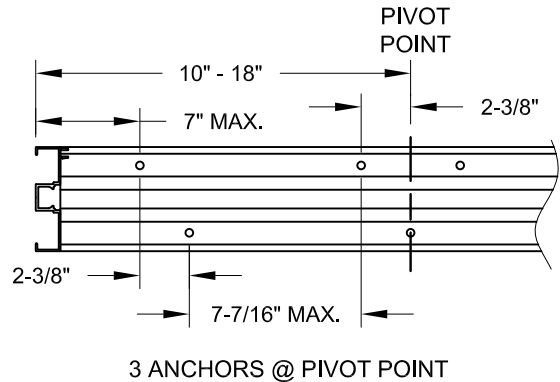
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VERTICAL X-SECTIONS		PV9998A		9998FFPA-LM-2	
19 OF 23		Sheet		No.	
Series		Desc.		Title	

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No. 58705
04/23/25
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

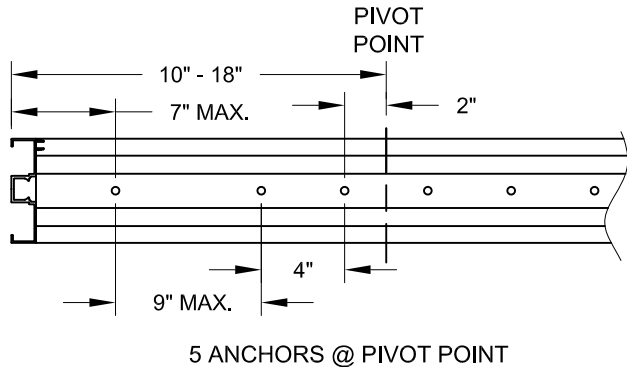
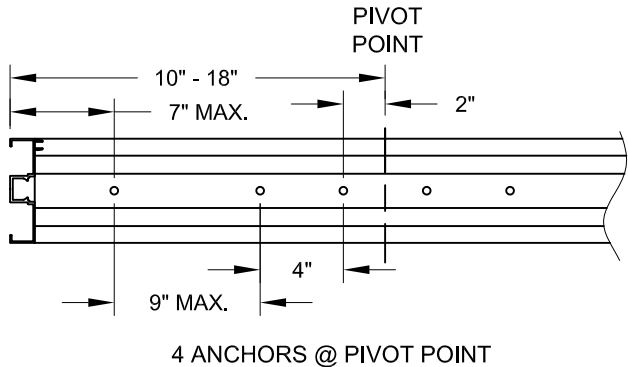
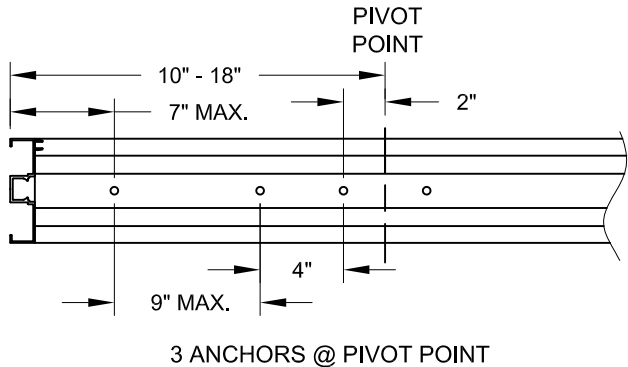
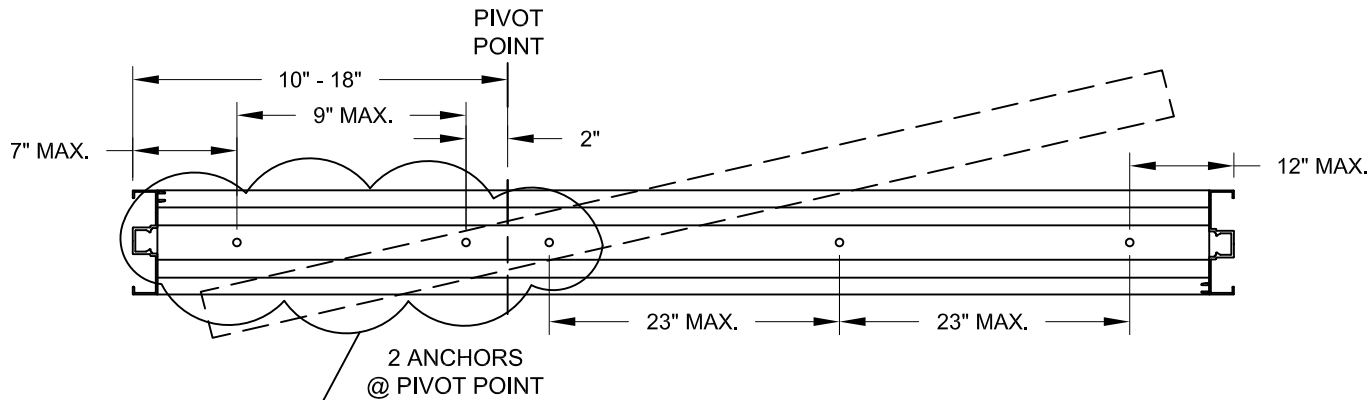


- NOTES:
- 1) ANCHOR PATTERN MAY BE MIRRORED ABOUT THE MEETINGPOINT OF THE FRAME HEAD OR MEETINGPOINT OF EACH CLUSTER.
 - 2) 7" & 12" END DISTANCES INCLUDE THE JAMB WIDTH AND IS MEASURED TO THE OUTER EDGE OF THE FRAME.
 - 3) TYPICAL ANCHOR O.C. DIMENSIONS SHOWN.
 - 4) PANELS MAY BE INSWING OR OUTSWING.

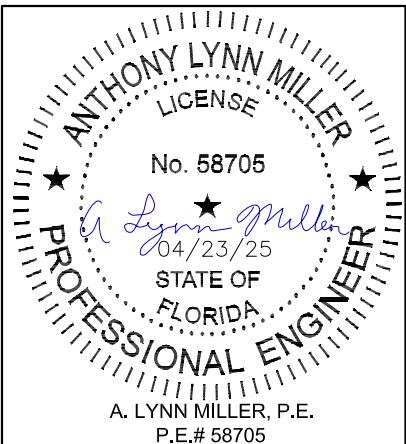


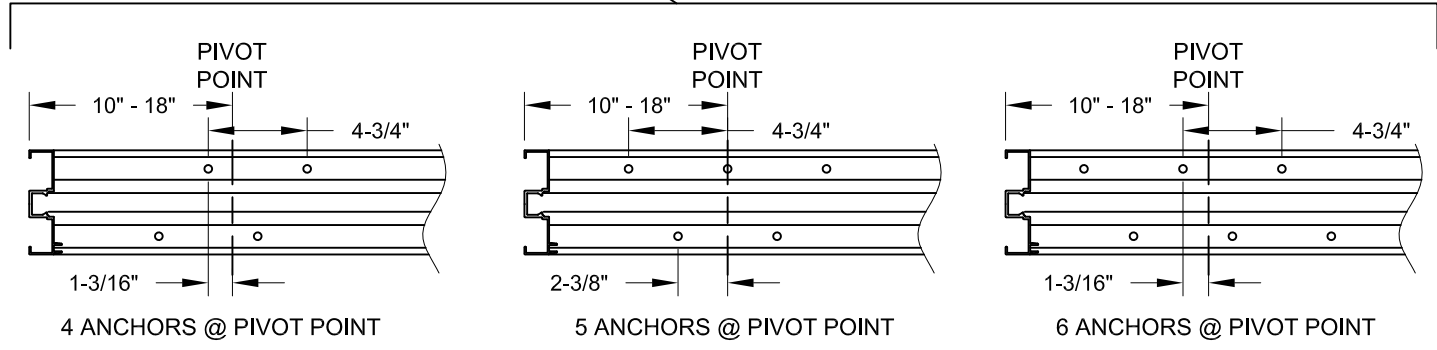
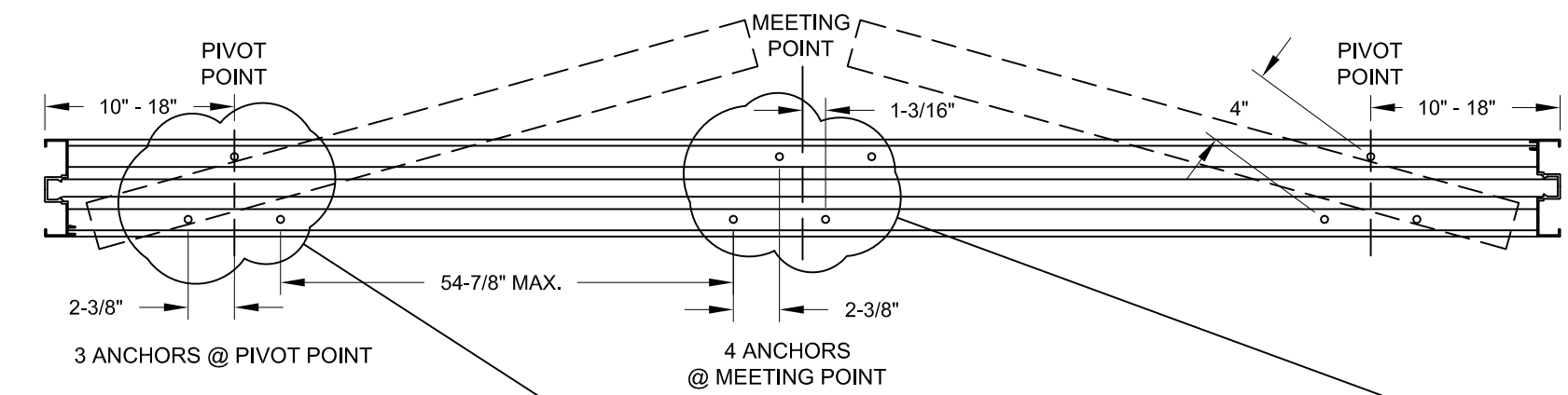
X HEAD ANCHOR LAYOUT

X SILL ANCHOR LAYOUT



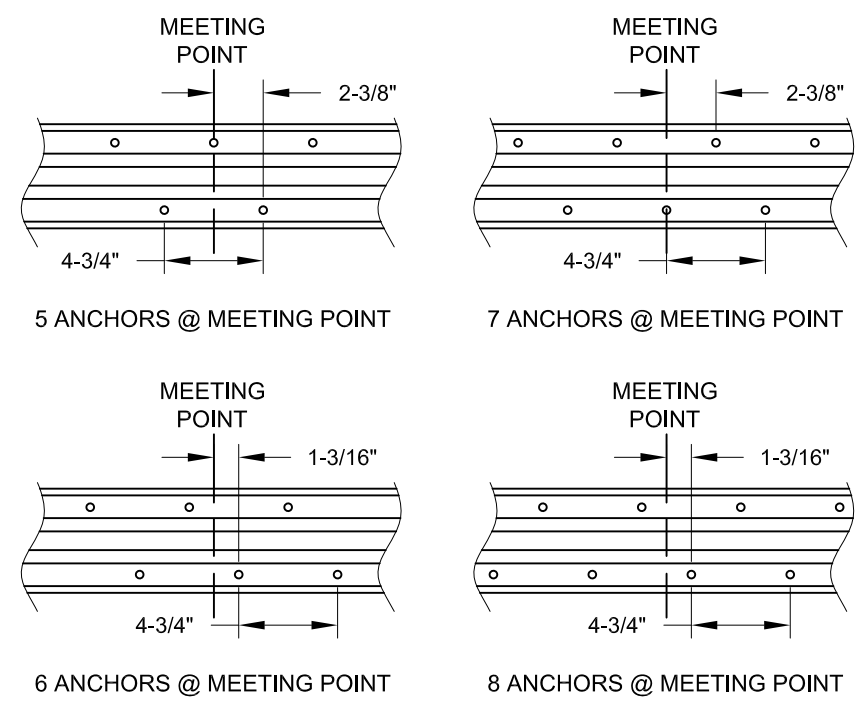
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SINGLE PANEL ANCHOR LAYOUT		By		Date	
PV9998A		20 OF 23		9998FPA-LM-2	
Series		Desc.		Title	





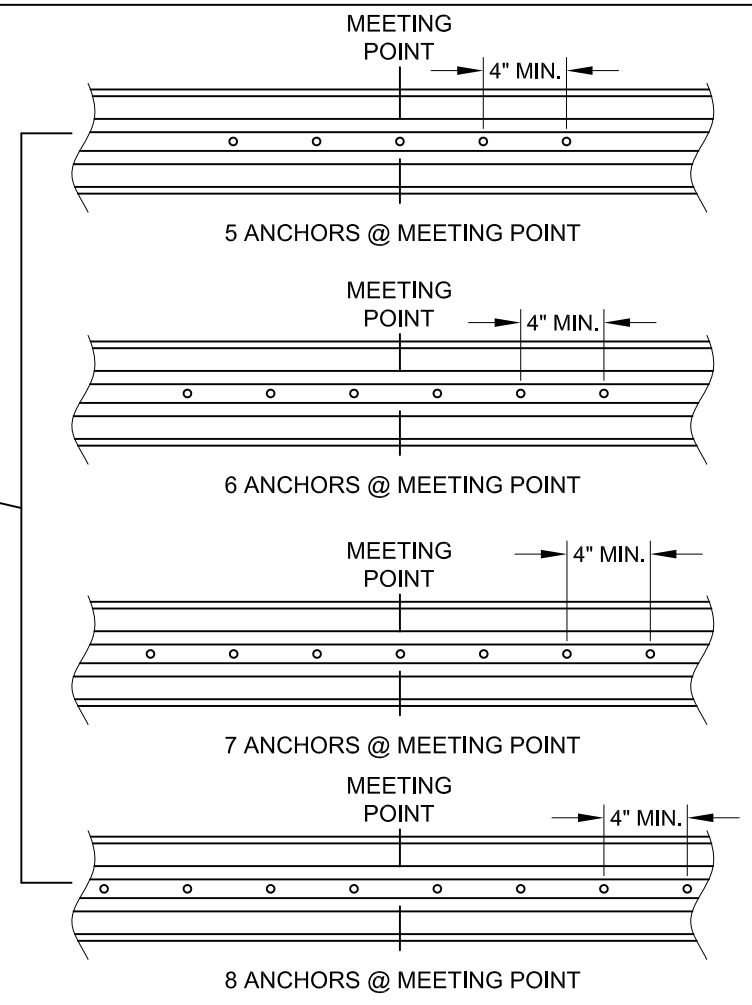
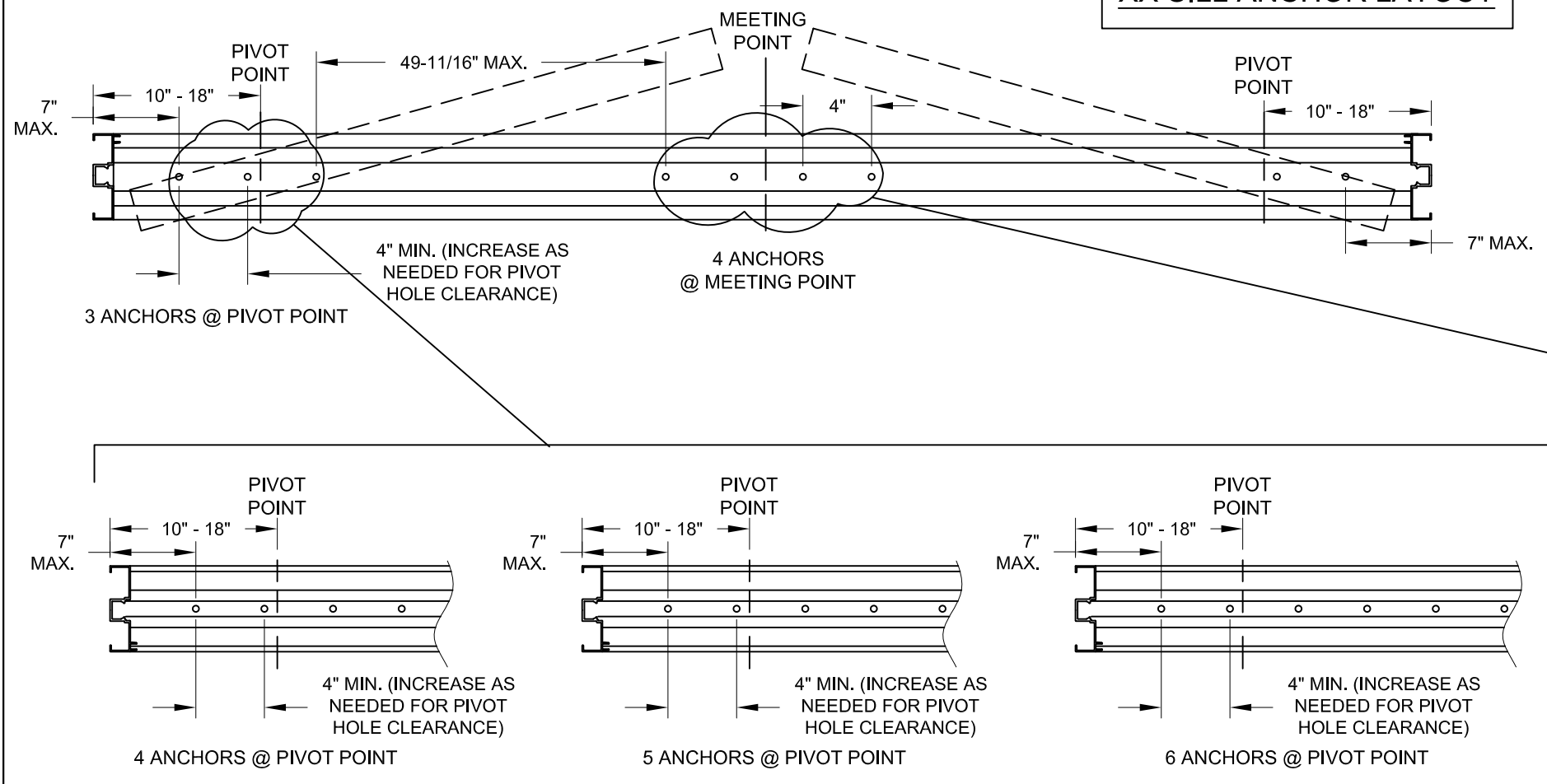
XX HEAD ANCHOR LAYOUT

XX SILL ANCHOR LAYOUT



NOTES:

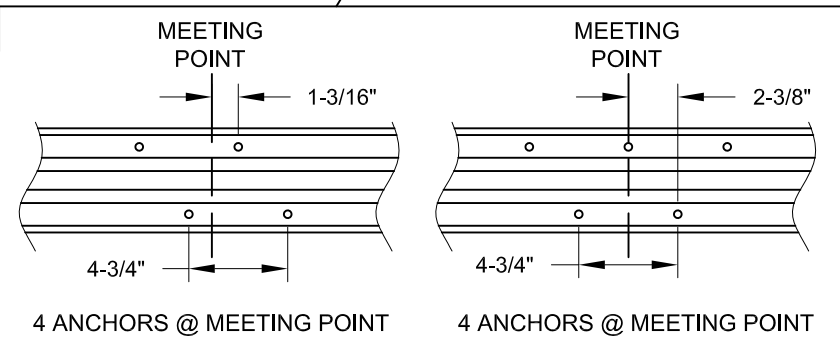
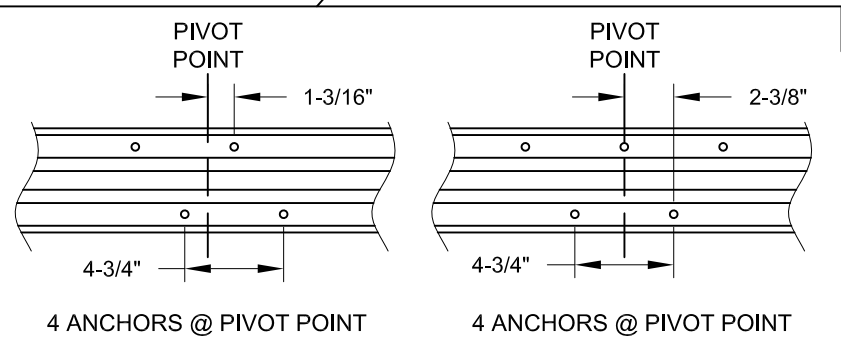
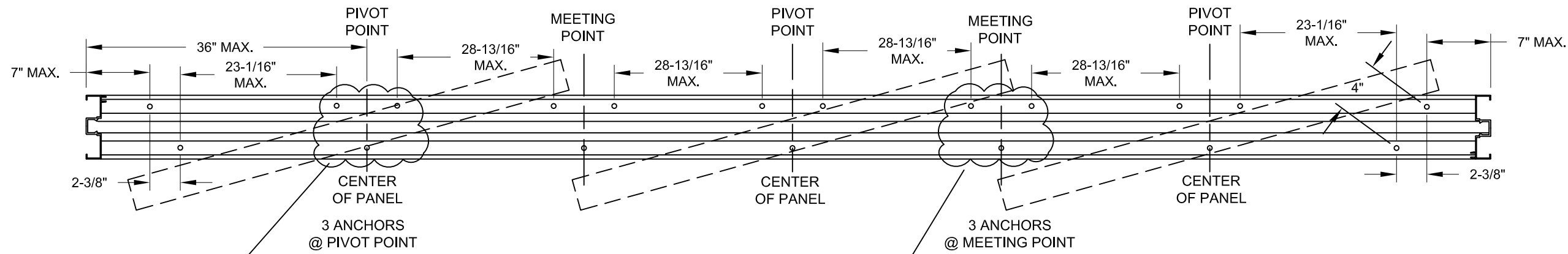
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- 2) 7" END DISTANCES INCLUDE THE JAMB WIDTH AND IS MEASURED TO THE OUTER EDGE OF THE FRAME.
- 3) TYPICAL ANCHOR O.C. DIMENSIONS SHOWN.
- 4) PANELS MAY BE INSWING OR OUTSWING.



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PV9998A		21 OF 23		9998FPA-LM-2	
XX ANCHOR LAYOUT		Sheet		Title	

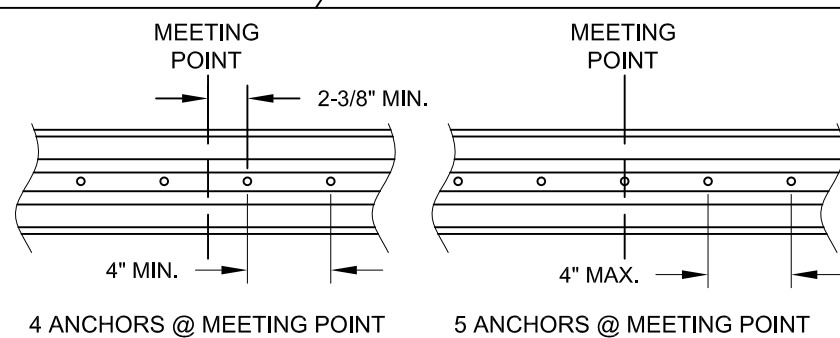
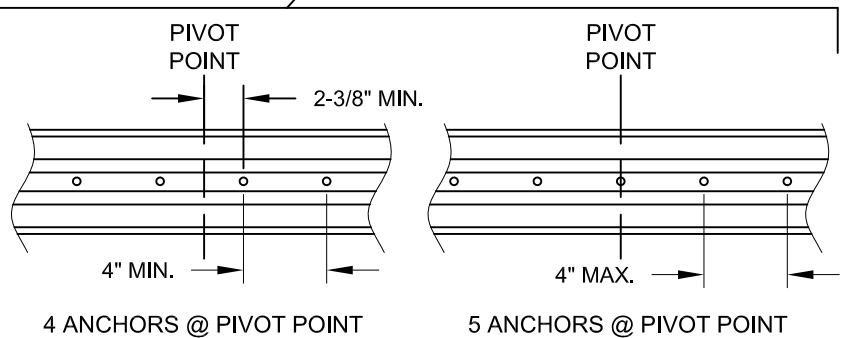
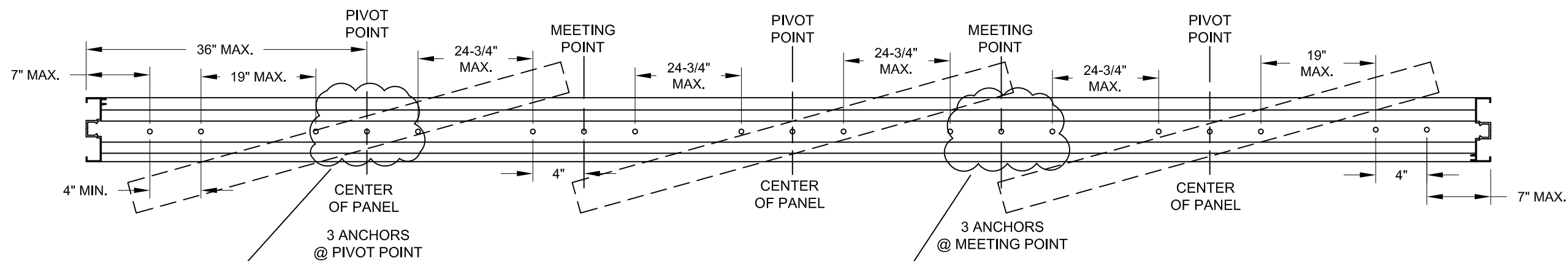
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ANTHONY LYNN MILLER
LICENSE
No. 58705
04/23/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



3 OR MORE PANEL CONFIGURATION HEAD ANCHOR LAYOUT

3 OR MORE PANEL CONFIGURATION SILL ANCHOR LAYOUT



- NOTES:**
- 1) ANCHOR PATTERN MAY BE MIRRORED ABOUT THE MEETINGPOINT OF THE FRAME HEAD OR MEETINGPOINT OF EACH CLUSTER.
 - 2) 7" END DISTANCES INCLUDE THE JAMB WIDTH AND IS MEASURED TO THE OUTER EDGE OF THE FRAME.
 - 3) TYPICAL ANCHOR O.C. DIMENSIONS SHOWN.
 - 4) 3 PANEL CONFIGURATION SHOWN, ADDITIONAL PANELS ALLOWED.
 - 5) PANELS MAY BE INSWING OR OUTSWING.

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JENS ROSOWSKI Drawn By		9998FFPA-LM-2		
PV9998A		22 OF 23		No.
3+ PANELS ANCHOR LAYOUT		JENS ROSOWSKI		

ANTHONY LYNN MILLER

LICENSE

No. 58705

04/23/25

STATE OF FLORIDA

PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
P.E.# 58705

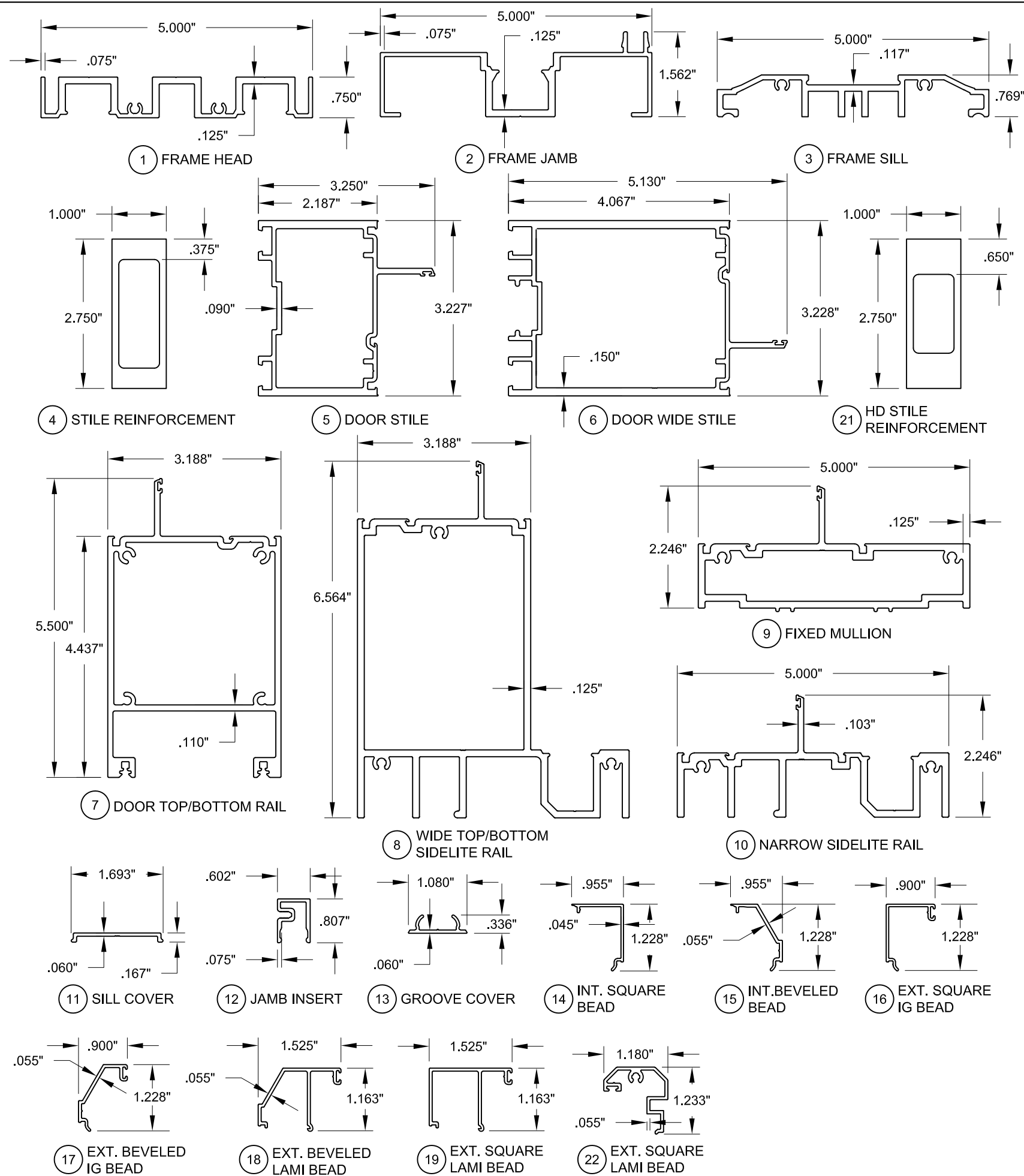


TABLE 25:

Item	Part #	Description	Mat.
1	23001	Frame Head	6063-T6
2	23002	Frame Jamb	6063-T6
3	23003	Frame Sill	6063-T6
4	66607	Stile Reinforcement	6063-T6
5	21010	Door Stile	6063-T6
6	23026	Door Wide Stile	6063-T6
7	21009	Door Top/Bottom Rail	6063-T6
8	23027	Wide Top/Bottom Sidelite Rail	6063-T6
9	23046	Fixed Mullion	6063-T6
10	23045	Narrow Sidelite Rail	6063-T6
11	23004	Sill Cover	6063-T6
12	23008	Jamb Insert	6063-T6
13	21027	Groove Cover	6063-T6
14	21013	Interior Square Bead	6063-T6
15	21016	Interior Beveled Bead	6063-T6
16	21036	Exterior Square IG Bead	6063-T6
17	21015	Exterior Beveled IG Bead	6063-T6
18	21017	Beveled Lami Bead	6063-T6
19	21042	Lami. Square Bead	6063-T6
20	11613	Impost	6063-T6
21	66608	HD Stile Reinforcement	6063-T6
22	21011	Addon Astragal	6063-T6
23	23063	Bolt Keeper at Sill	
24	varies	Inner Handle	
25	varies	Outer Handle	
26		Top Pivot	SS
27		Bottom Pivot	SS
28		Bottom Block	SS
29	20194/15001	Kerf Pile Weatherstrip	
30	varies	Lock	
31		Keeper	SS
32		Strike	SS
33		Support Block	
34	23023/10517	Jamb Seal	
35		Top / Bottom Plate	SS
36		#8 x 3/4" Panhead, Ph. SMS	SS
37		#10 x 3/4" Panhead, Ph. SMS	SS
38		#12 x 1" Panhead, Ph. SMS	SS
40	21044/15010	Gasket	Vinyl
41	23021	Beading Bulb Weatherstrip	Vinyl
42	21046	Small Glazing Leg Weatherstrip	Vinyl
43	21045	Large Glazing Leg Weatherstrip	Vinyl
44	23021/E514	0.375" Bulb Weatherstrip	Polypropylene
45	61643	0.375" Q-Lon Bulb Weatherstrip	
46	61224	Astragal Bulb Weatherstrip	
48		Glass Setting Block	EPDM
49	varies	Dow-791, Dow-983 or RGS 7700	Silicone
50		Kommerling Kodispace 4SG TPS	varies
51		Quanex Super Spacer	varies
52		Metal IG Spacer	varies

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296
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WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

ALUMINUM PIVOT DOOR, OS & IS (LM)

EXTRUSIONS & BOM

10/10/19

JENS ROSOWSKI

9998FPA-LM-2

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/23/25
STATE OF
FLORIDA
A. LYNN MILLER, P.E.
P.E.# 58705

Rev. #

04/23/25

Date

CHANGED DESCRIPTION OF

PART #21 - CK

J