

SERIES 410 FIXED WINDOWS - LARGE & SMALL MISSILE

- 1). APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIX./FIX. OR FIX. WDW. WITH OTHER FLORIDA PRODUCT APPROVED WINDOWS.
- 2). APPROVED WINDOWS USING FLORIDA PRODUCT APPROVED MULLIONS IN BETWEEN.
- 3). LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.
- 4). THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 5). 1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.
- 6). 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.
- 7). A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
- 8). MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE & ADOPTED STANDARDS.
- 9). 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.
- 10). CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.
- 11). ALL TEMPERED AND 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, H/H OR T/T LAMINATED GLASS MUST BE USED" .

INSTRUCTIONS FOR USING CAPACITY CHARTS:

- STEP 1

DETERMINE THE REQUIRED DESIGN PRESSURES FOR A GIVEN WINDOW OPENING.
- STEP 2

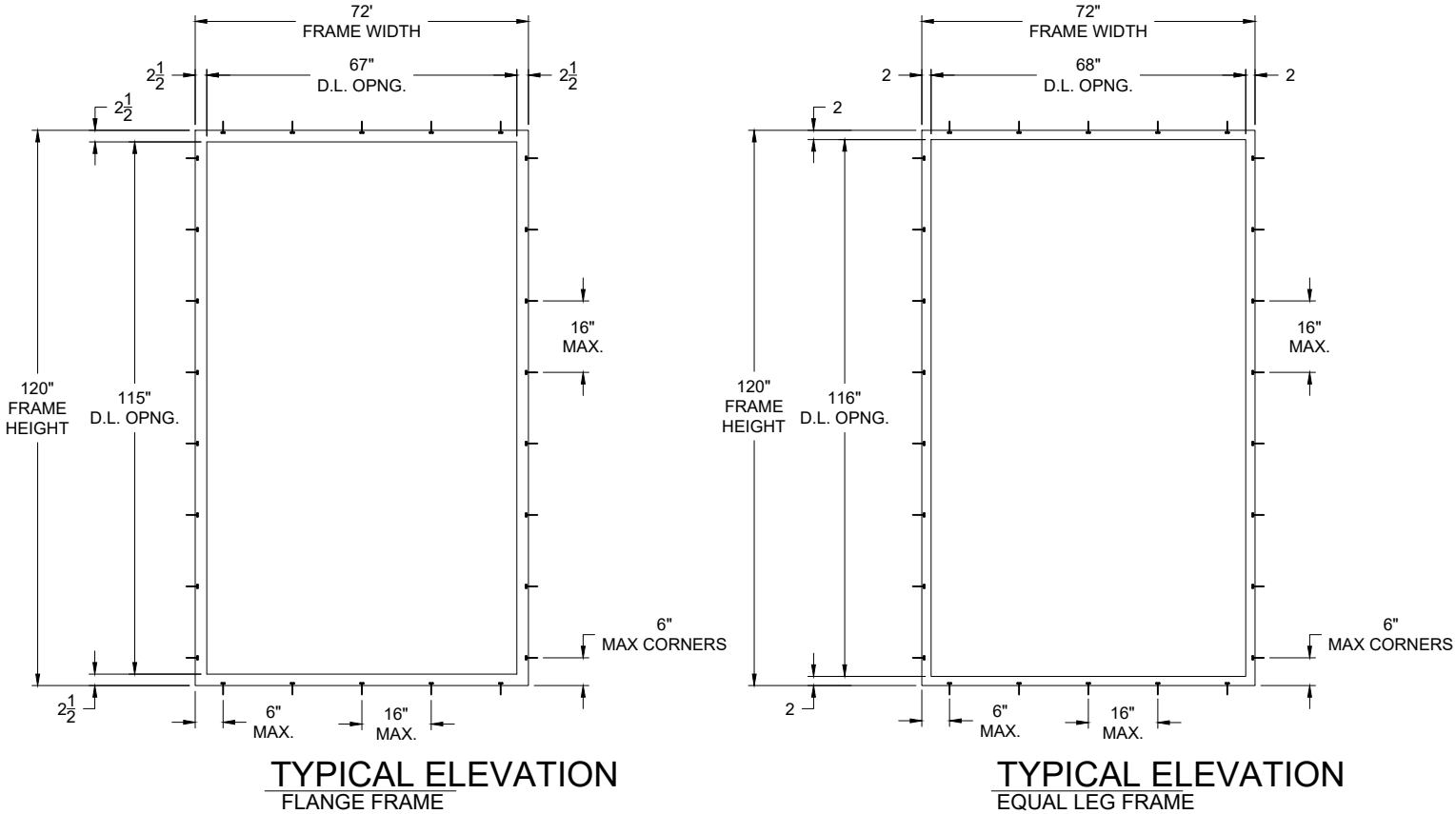
DETERMINE THE CAPACITY OF THE WINDOW SIZE/CONFIGURATION/GLASS TYPE FROM CHARTS ON SHEETS 2 AND 3.
FOR INSTALLATION ANCHOR TYPES SEE SHEETS 4 & 5.
- STEP 3

IF ALUMINUM BUCKS ARE USED, VERIFY THE BUCK INSTALLATION CAPACITY FROM SHEET 9.
- STEP 4

FOR UNCLIPPED MULLED WINDOWS DETERMINE MULLION CAPACITY FOR 1X4 AND 2X6 TUBES FROM CHARTS ON SHEETS 6 & 8.
- STEP 5

FOR MULLION ANCHOR CAPACITY SEE CHART ON SHEET 7.

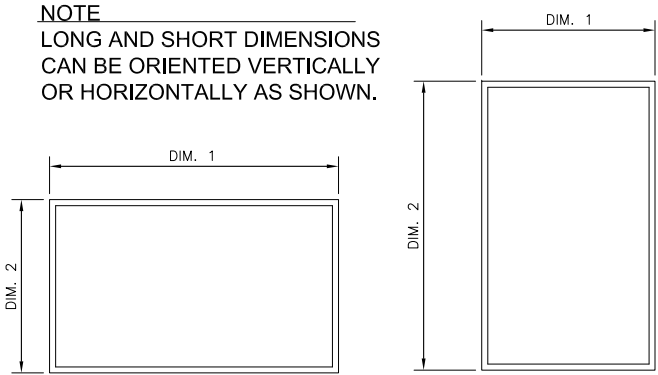
THE LOWEST SELECTED VALUE APPLY TO THE INSTALLATION AND MUST EQUAL OR EXCEED THE REQUIRED DESIGN PRESSURES OBTAINED FROM STEP 1.



Anchor Option 1 & 2	Glass Type: 1	Design Load Capacity (lbs/ft2)																							
		Window Buck Width (in)																							
		30		36		42		48		51		54		57		60		63		66		69		72	
Window Buck Height (in)	48	+120.0	-150.0	+120.0	-150.0	+120.0	-150.0	+116.5	-116.5	+110.4	-110.4	+105.9	-105.9	+100.6	-100.6	+95.7	-95.7	+91.1	-91.1	+86.8	-86.8	+82.8	-82.8	+77.3	-77.3
	54	+120.0	-150.0	+120.0	-132.3	+115.5	-115.5	+105.9	-105.9	+101.5	-101.5	+97.3	-97.3	+92.7	-92.7	+88.5	-88.5	+84.4	-84.4	+80.6	-80.6	+77.1	-77.1	+73.9	-73.9
	60	+120.0	-150.0	+118.9	-118.9	+104.8	-104.8	+95.7	-95.7	+91.9	-91.9	+88.5	-88.5	+85.8	-85.8	+82.8	-82.8	+79.4	-79.4	+76.2	-76.2	+75.0	-75.0	+72.0	-72.0
	66	+120.0	-145.8	+111.2	-111.2	+95.6	-95.6	+86.8	-86.8	+82.7	-82.7	+80.6	-80.6	+78.4	-78.4	+76.2	-76.2	+75.2	-75.2	+72.4	-72.4	+69.8	-69.8	+67.4	-67.4
	72	+120.0	-138.1	+103.2	-103.2	+87.2	-87.2	+77.3	-77.3	+75.6	-75.6	+74.5	-74.5	+74.5	-74.5	+72.0	-72.0	+69.6	-69.6	+67.4	-67.4	+66.0	-66.0	+63.4	-63.4
	78	+120.0	-130.9	+97.0	-97.0	+80.0	-80.0	+71.1	-71.1	+69.6	-69.6	+70.7	-70.7	+68.4	-68.4	+66.4	-66.4	+65.4	-65.4	+63.4	-63.4	+61.3	-61.3	+59.3	-59.3
	84	+120.0	-125.7	+91.6	-91.6	+70.7	-70.7	+66.1	-66.1	+67.4	-67.4	+64.8	-64.8	+62.9	-62.9	+62.0	-62.0	+60.3	-60.3	+58.6	-58.6				
	90	+120.0	-125.2	+86.7	-86.7	+67.7	-67.7	+65.2	-65.2	+62.1	-62.1	+59.8	-59.8	+58.7	-58.7	+57.0	-57.0	+55.2	-55.2						
	96	+120.0	-123.6	+77.3	-77.3	+65.7	-65.7	+60.6	-60.6	+58.6	-58.6	+56.0	-56.0	+54.0	-54.0	+51.8	-51.8								
	102	+120.0	-121.3	+76.1	-76.1	+65.7	-65.7	+56.9	-56.9	+54.4	-54.4	+51.9	-51.9												
	108	+118.2	-118.2	+76.1	-76.1	+62.4	-62.4	+54.0	-54.0	-50.8	-50.8														
	114	+114.6	-114.6	+76.0	-76.0	+59.6	-59.6	+51.1	-51.1																
	120	+110.9	-110.9	+75.8	-75.8	+57.5	-57.5	+48.5	-48.5																

Anchor Option 1 & 2	Glass Type: 1A	Design Load Capacity (lbs/ft2)																							
		Window Buck Width (in)																							
		30		36		42		48		51		54		57		60		63		66		69		72	
Window Buck Height (in)	48	+120.0	-150.0	+120.0	-150.0	+120.0	-150.0	+113.1	-113.1	+107.2	-107.2	+102.9	-102.9	+97.7	-97.7	+92.9	-92.9	+88.4	-88.4	+84.3	-84.3	+80.4	-80.4	+75.1	-75.1
	54	+120.0	-150.0	+120.0	-128.4	+112.2	-112.2	+102.9	-102.9	+98.5	-98.5	+94.5	-94.5	+90.0	-90.0	+85.9	-85.9	+82.0	-82.0	+78.2	-78.2	+74.9	-74.9	+71.7	-71.7
	60	+120.0	-149.5	+117.6	-117.6	+101.7	-101.7	+92.9	-92.9	+89.2	-89.2	+85.9	-85.9	+83.3	-83.3	+80.4	-80.4	+77.0	-77.0	+74.0	-74.0	+72.9	-72.9	+69.9	-69.9
	66	+120.0	-141.6	+108.0	-108.0	+92.8	-92.8	+84.3	-84.3	+80.3	-80.3	+78.2	-78.2	+76.1	-76.1	+74.0	-74.0	+73.0	-73.0	+70.3	-70.3	+67.8	-67.8	+65.5	-65.5
	72	+120.0	-134.1	+100.2	-100.2	+84.7	-84.7	+75.1	-75.1	+73.4	-73.4	+72.3	-72.3	+72.3	-72.3	+69.9	-69.9	+67.6	-67.6	+65.5	-65.5	+64.1	-64.1	+61.6	-61.6
	78	+120.0	-127.1	+94.1	-94.1	+77.6	-77.6	+69.1	-69.1	+67.5	-67.5	+68.6	-68.6	+66.4	-66.4	+64.4	-64.4	+63.5	-63.5	+61.6	-61.6	+59.5	-59.5	+57.6	-57.6
	84	+120.0	-122.1	+88.9	-88.9	+68.7	-68.7	+64.2	-64.2	+65.4	-65.4	+62.9	-62.9	+61.1	-61.1	+60.2	-60.2	+58.5	-58.5	+56.9	-56.9				
	90	+120.0	-121.6	+84.1	-84.1	+65.8	-65.8	+63.3	-63.3	+60.3	-60.3	+58.1	-58.1	+57.0	-57.0	+55.3	-55.3	+53.6	-53.6						
	96	+120.0	-120.0	+75.1	-75.1	+63.8	-63.8	+58.9	-58.9	+56.9	-56.9	+54.4	-54.4	+52.4	-52.4	+50.3	-50.3								
	102	+117.7	-117.7	+73.8	-73.8	+63.8	-63.8	+55.2	-55.2	+52.8	-52.8	+50.4	-50.4												
	108	+114.8	-114.8	+73.8	-73.8	+60.6	-60.6	+52.4	-52.4	+49.3	-49.3														
	114	+111.3	-111.3	+73.8	-73.8	+57.9	-57.9	+49.6	-49.6																
	120	+107.7	-107.7	+73.6	-73.6	+55.8	-55.8	+47.1	-47.1																

NOTES:
1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).
2. FOR ANCHOR OPTIONS, SEE SHEETS 4 & 5.



WINDOOR[®]

INCORPORATED

WINDOOR INCORPORATED
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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SERIES "410" ALUM. FIXED WINDOW (LMI)

LOAD CAPACITY

PW410

1/24/23

By A. MORLESIN

No. 2 OF 12

Sheet

Rev. A

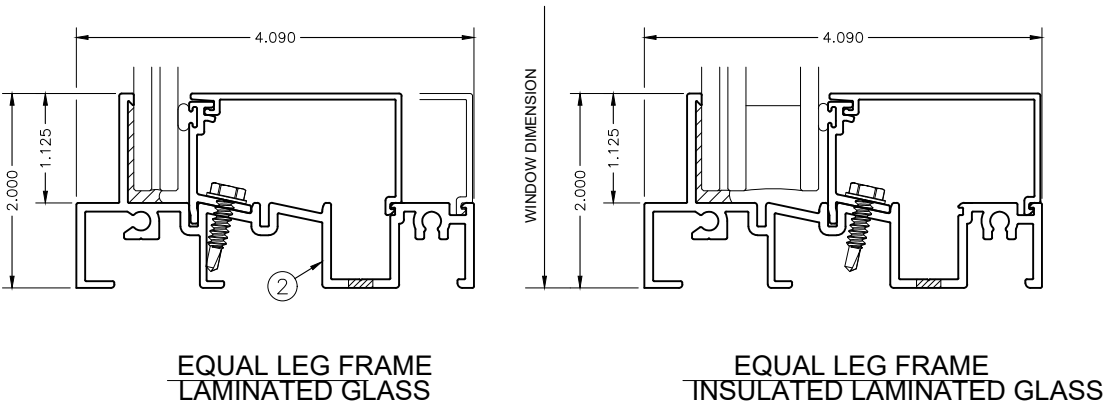
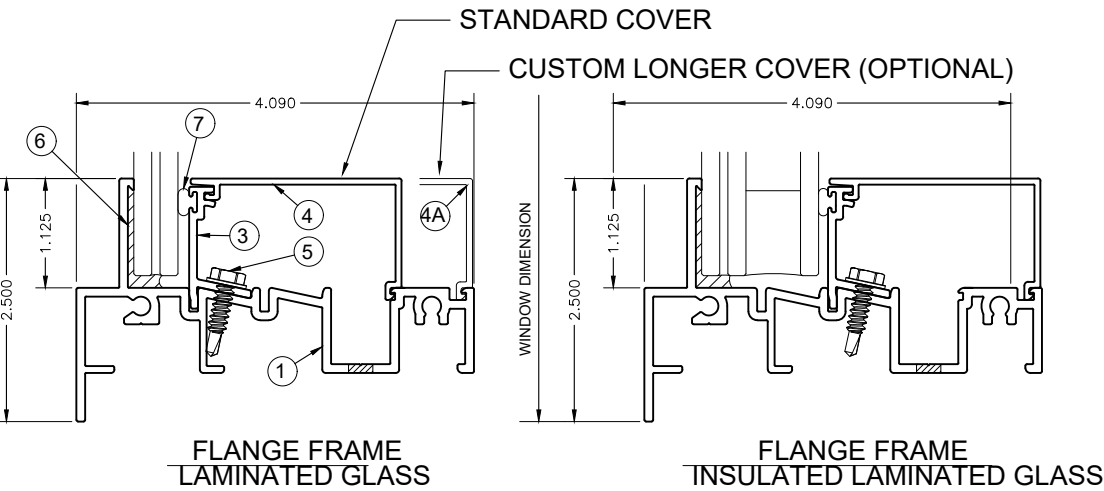
10/2/23

CHANGE TABLE FORMAT &
COMBINED TABLES

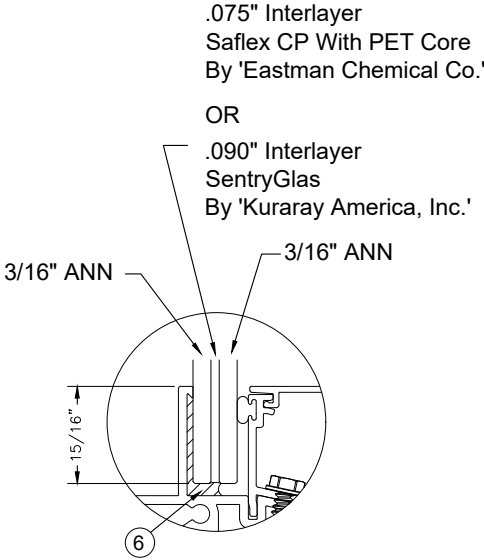
Anthony Lynn Miller
Professional Engineer
No. 58705
10/3/23
State of Florida

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

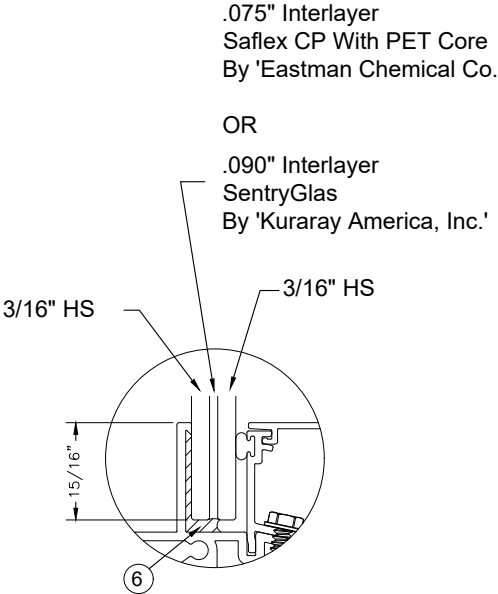
AVAILABLE FRAME TYPES
SAME FRAME USED IN ALL SIDES



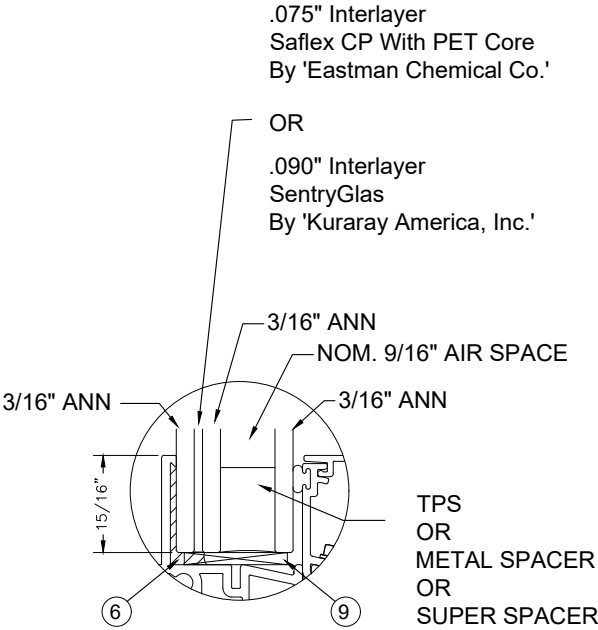
GLASS TYPES AVAILABLE



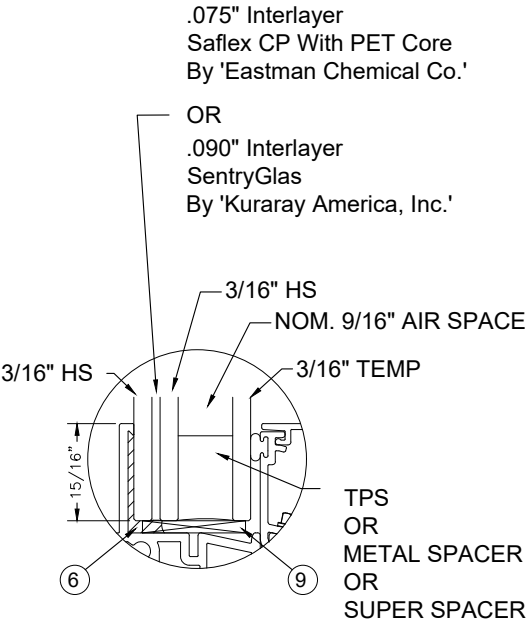
GLASS TYPE "1"



GLASS TYPE "2"

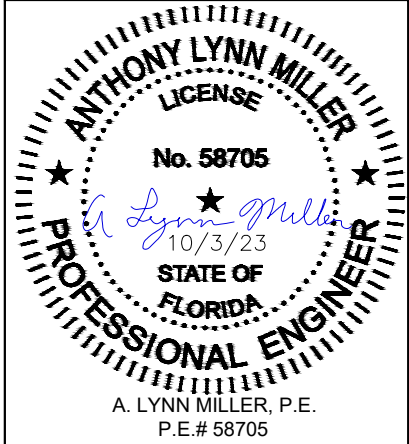


GLASS TYPE "1A"



GLASS TYPE "2A"

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WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		A. MORLESIN		PW410LMI-FPA	
SERIES "410" ALUM. FIXED WINDOW (LMI)		GLASS / FRAMES TYPES		4 OF 12	
PW410		PW410		4 OF 12	



Rev.	10/2/23	A
Date	10/2/23	A
Rev.	10/2/23	A

NO CHANGES ON THIS SHEET.

TYPICAL ANCHORS: ALSO SEE NEXT SHEET. SEE ELEV. FOR SPACING.

Anchor Type	Description	Substrate	Frame Members	Min. Edge Distance	Min. Embedment or Metal Thickness
A	1/4" DIA. Hilti Kwik-con II	Into 2BY Wood Buck or Wodd Structure	All	1"	1-1/2"
		Thru 1BY Buck into Concrete	All	2-1/2"	1-3/8"
		Thru 1BY Buck into Hollow Block	All	2-1/2"	1-1/4"
B	1/4" DIA. Ultracon	Into 2BY Wood Buck or Wodd Structure	All	1"	1-1/2"
		Thru 1BY Buck into Concrete	All	2-1/2"	1-1/4"
		Thru 1BY Buck into Hollow Block	All	2-1/2"	1-3/4"
B+	1/4" DIA. Ultracon+	Into 2BY Wood Buck or Wodd Structure	All	1"	1"
		Thru 1BY Buck into Concrete	All	2-1/2"	1"
		Thru 1BY Buck into Hollow Block	All	2-1/2"	1-3/4"
C	5/16" DIA. Ultracon	Into 2BY Wood Buck or Wodd Structure	All	1-1/4"	1-7/8"
		Thru 1BY Buck into Concrete	All	3-1/8"	1-1/2"
		Thru 1BY Buck into Hollow Block	All	3-1/8"	1-1/4"

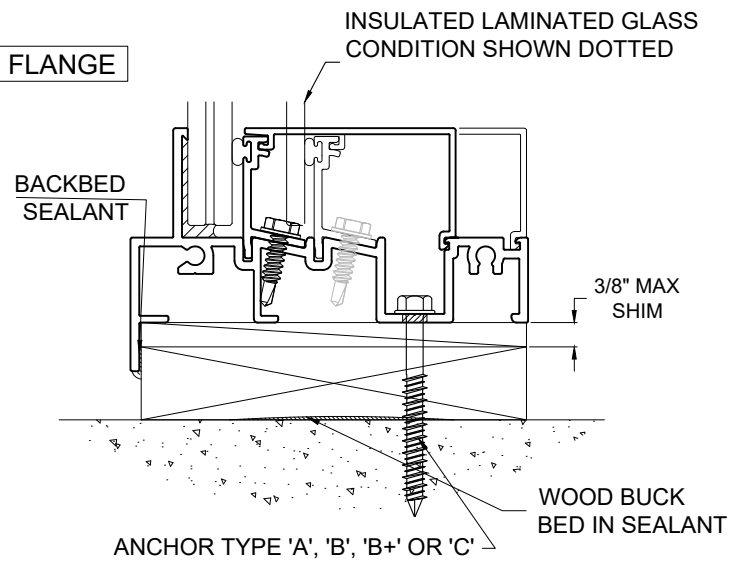
ANCHOR OPTION 1:
ALL ANCHORS AS SHOWN ON SHEETS 5 & 6.

ANCHOR OPTION 2:
ANCHOR TYPES 'C' WITH 1/2" SHIM SPACE.
ANCHOR TYPES 'AA', 'BB', 'BBB', 'BB+', 'BBB+', 'D' & 'E' WITH 1/4" SHIM SPACE.

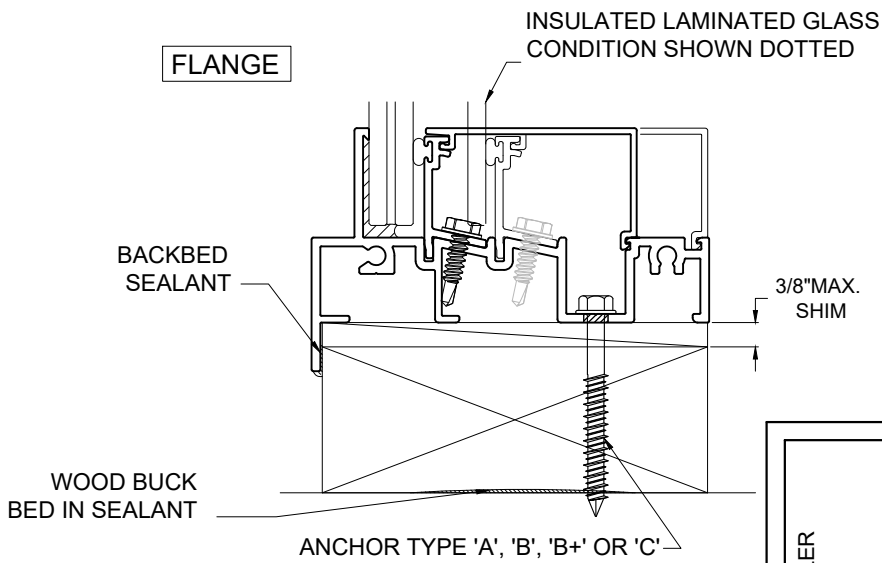
CONCRETE f_c = 3000 PSI MIN.
CONCRETE BLOCKS f_m = 2000 PSI MIN.

TYPICAL INSTALLATION DETAILS, ALSO SEE NEXT SHEET
THESE DETAILS ARE TYPICAL ON ALL FOUR SIDES OF WINDOW

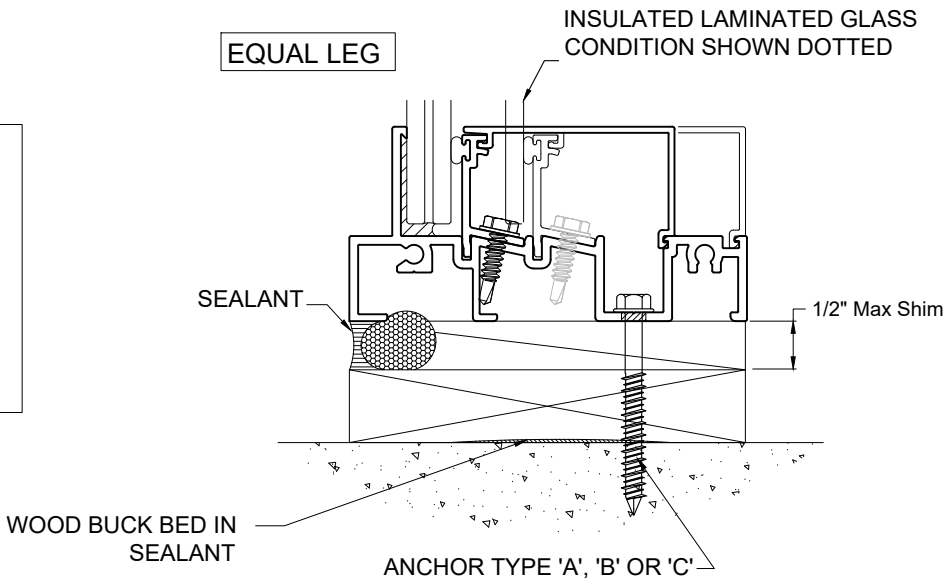
INSTALLATION DETAILS THRU 1X WOOD BUCKS INTO CONCRETE



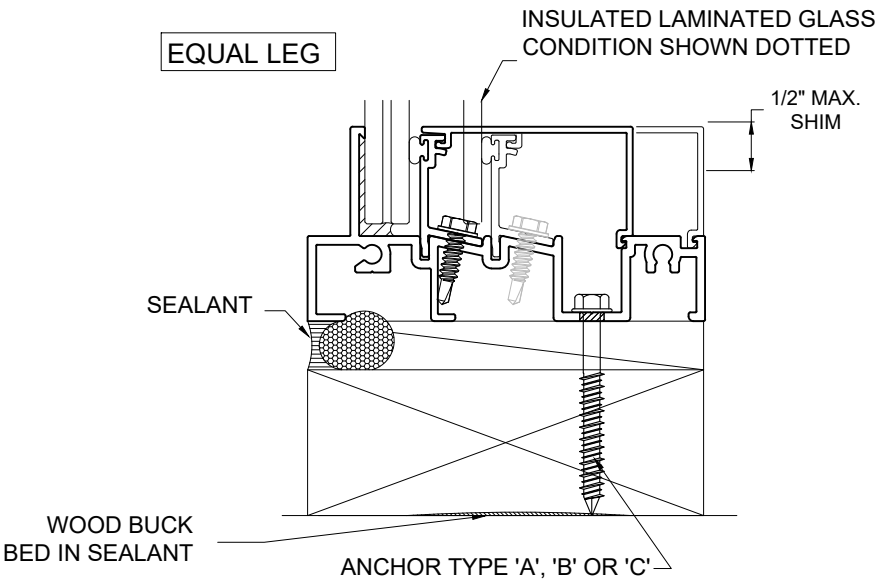
INSTALLATION DETAILS INTO 2X WOOD BUCKS OR INTO WOOD STRUCTURES



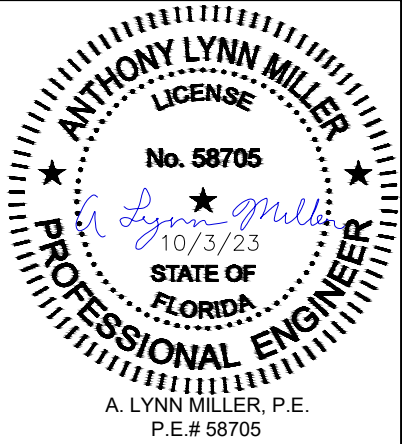
EQUAL LEG



EQUAL LEG



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		Date	By		
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	SERIES "410" ALUM. FIXED WINDOW (LMI)	ANCHORS INSTALLATION 1		PW410	5 OF 12
		Series	Desc.		

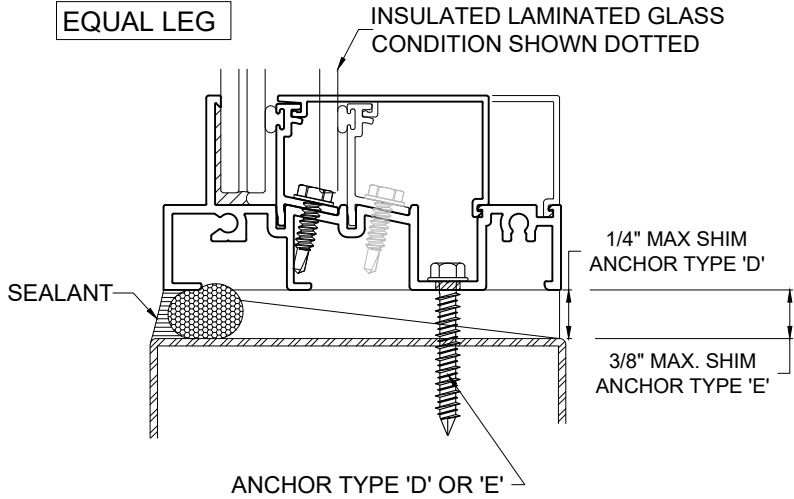
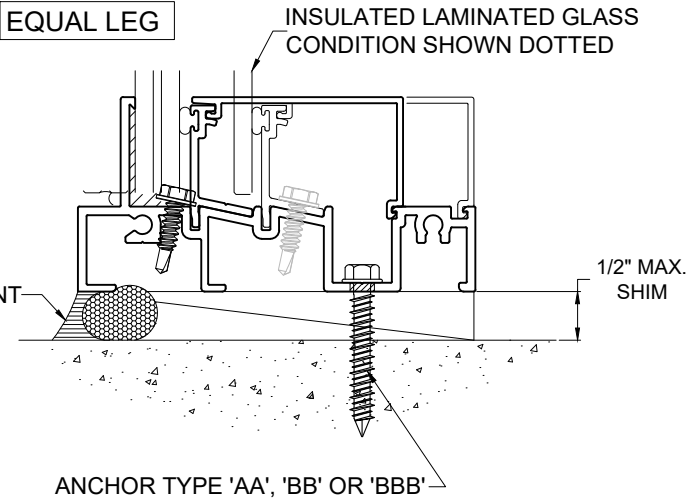
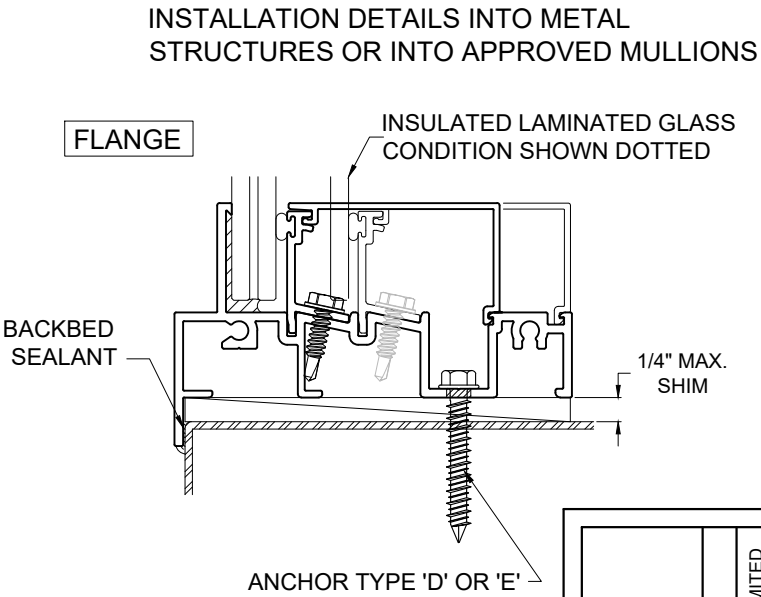
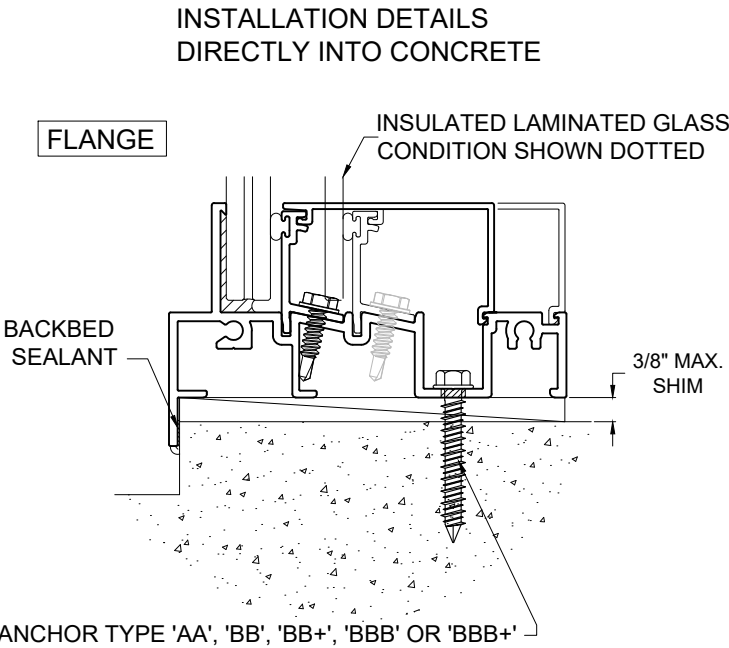


Rev. #	A
Date	10/2/23
Rev.	NO CHANGES ON THIS SHEET.

TYPICAL ANCHORS: ALSO SEE PREVIOUS SHEET. SEE ELEV. FOR SPACING.

Anchor Type	Description	Substrate	Frame Members	Min. Edge Distance	Min. Embedment or Metal Thickness
AA	1/4" DIA. Hilti Kwik-con II	Directly into Concrete	All	2-1/2"	1-3/8"
BB	1/4" DIA. Ultracon	Directly into Concrete	All	2-1/2"	1-3/8"
BB+	1/4" DIA. Ultracon+	Directly into Concrete	All	2-1/2"	1-3/8"
BBB	1/4" DIA. Ultracon	Directly into Hollow Block	All	2-1/2"	1-1/4"
BBB+	1/4" DIA. Ultracon+	Directly into Hollow Block	All	2-1/2"	1-1/4"
D	#14 SMS	Into Steel 12 GA Min.	All	2-1/2"	(3) Threads min. to extended beyond metal thickness
		Into Aluminum 1/8" thk.	All	2-1/2"	(3) Threads min. to extended beyond metal thickness
E	#14 SMS	Into Steel 12 GA Min.	All	2-1/2"	(3) Threads min. to extended beyond metal thickness
		Into Aluminum 1/8" thk.	All	2-1/2"	(3) Threads min. to extended beyond metal thickness

TYPICAL INSTALLATION DETAILS, ALSO SEE PREVIOUS SHEET
THESE DETAILS ARE TYPICAL ON ALL FOUR SIDES OF WINDOW



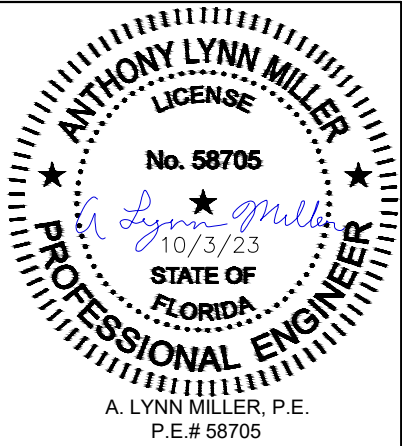
ANCHOR OPTION 1:
ALL ANCHORS AS SHOWN ON SHEETS 4 & 5.

ANCHOR OPTION 2:
ANCHOR TYPES 'C' WITH 1/2" SHIM SPACE.
ANCHOR TYPES 'AA', 'BB', 'BBB', 'BB+', 'BBB+', 'D' & 'E' WITH 1/4" SHIM SPACE.

CONCRETE f'_c = 3000 PSI MIN.
CONCRETE BLOCKS f_m = 2000 PSI MIN.

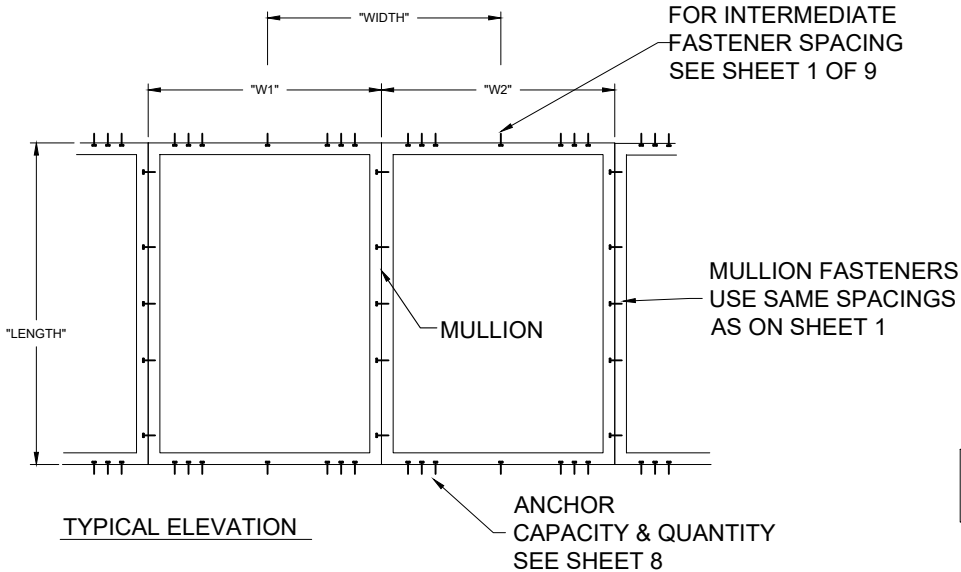
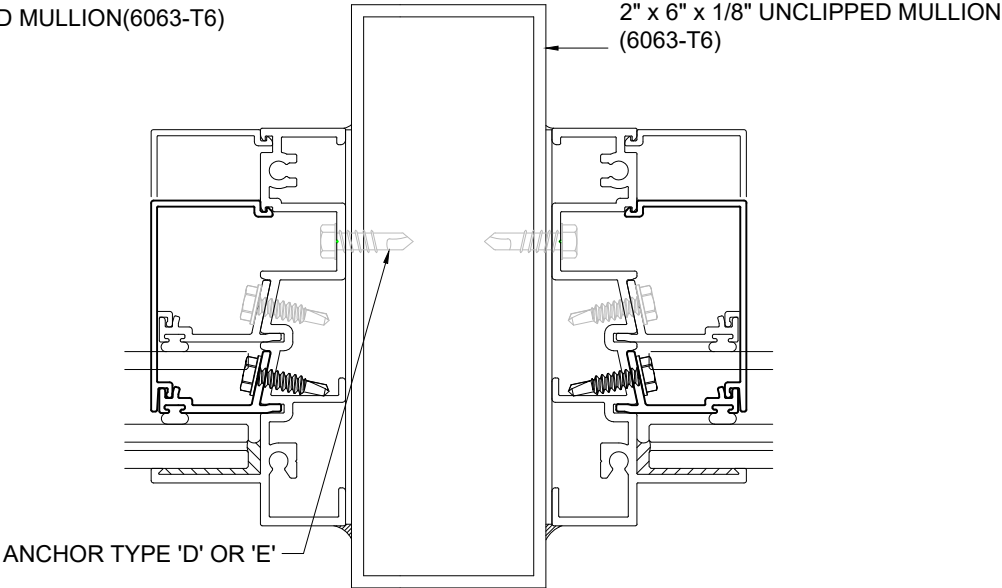
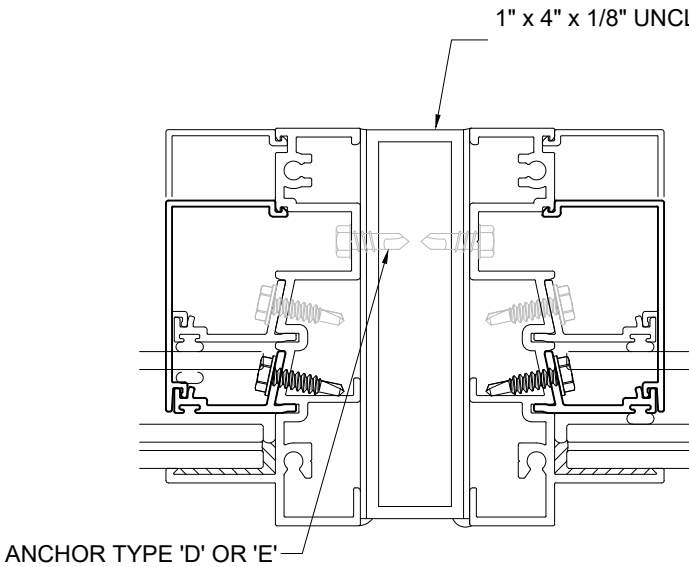
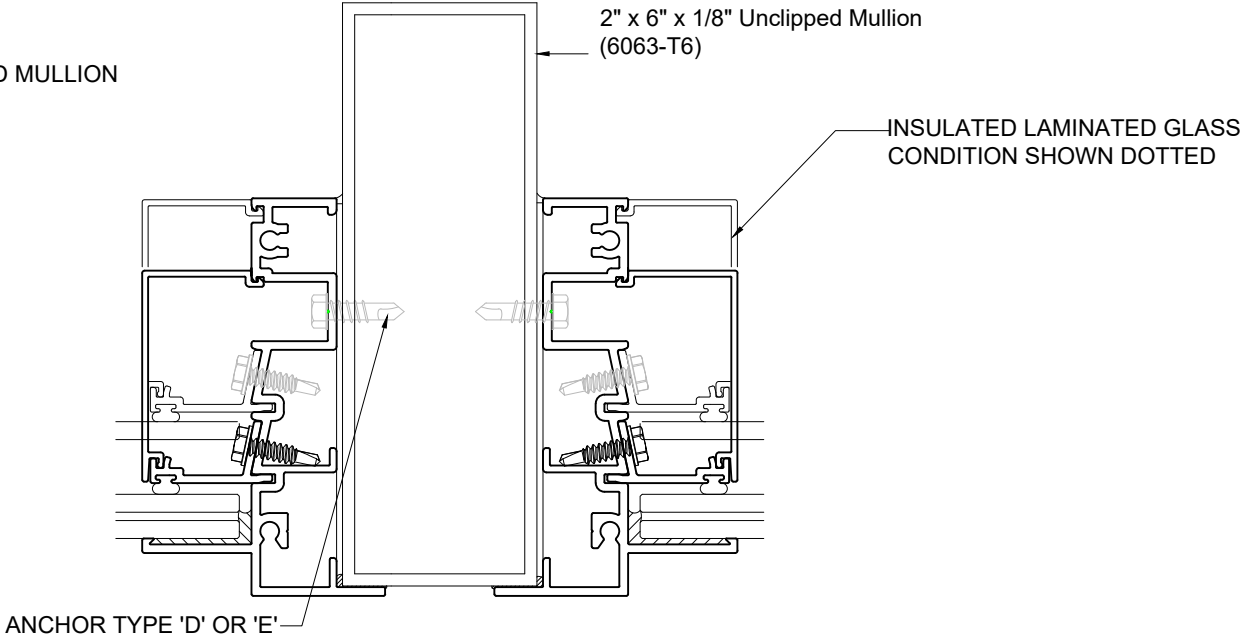
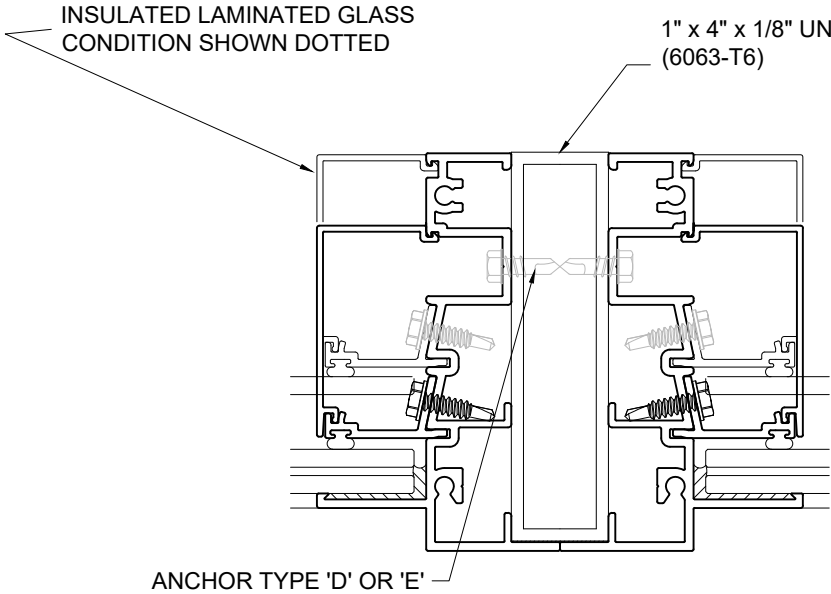
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
INTO FLORIDA PRODUCT APPROVED MULLIONS (MIN. THK. = .125")

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WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		SERIES "410" ALUM. FIXED WINDOW (LMI)		A. MORLESIN	
ANCHOR INSTALLATION 2		PW410		PW410LMI-FPA	
6 OF 12		Sheet		No. DWG	



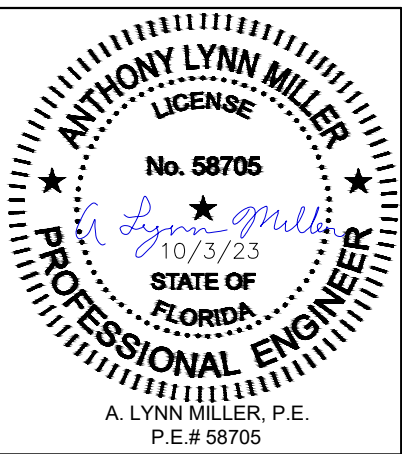
Rev. #	10/2/23	Date
NO CHANGES ON THIS SHEET.		

DESIGN LOAD CAPACITY - PSF (MULLION)			
WINDOW DIMS		1" X 4" X 1/8" ALUM TUBE	2" X 6" X 1/8" ALUM TUBE
WIDTH	LENGTH	POS. (+) & NEG. (-)	POS. (+) & NEG. (-)
36"	72"	150.0	150.0
42"		150.0	150.0
48"		150.0	150.0
54"		150.0	150.0
60"		150.0	150.0
66"		150.0	150.0
72"		150.0	150.0
36"	84"	150.0	150.0
42"		139.1	150.0
48"		125.2	150.0
54"		115.1	150.0
60"		107.7	150.0
66"		102.4	150.0
72"		-	150.0
36"	96"	117.8	150.0
42"		102.8	150.0
48"		91.8	141.4
54"		93.6	128.8
60"		77.4	119.3
66"		-	112.0
72"		-	106.5
36"	102"	-	150.0
42"		-	138.3
48"		-	123.2
54"		-	111.9
60"		-	103.2
66"		-	96.5
72"		-	91.3
36"	108"	-	140.2
42"		-	121.8
48"		-	108.3
54"		-	98.0
60"		-	90.2
66"		-	84.0
72"		-	79.2
36"	114"	-	124.6
42"		-	108.0
48"		-	95.9
54"		-	86.7
60"		-	79.5
66"		-	73.8
72"		-	69.4
36"	120"	-	111.4
42"		-	96.5
48"		-	85.5
54"		-	77.1
60"		-	70.6
66"		-	65.4
72"		-	61.3



$$\text{WIDTH} = \frac{W1 + W2}{2}$$

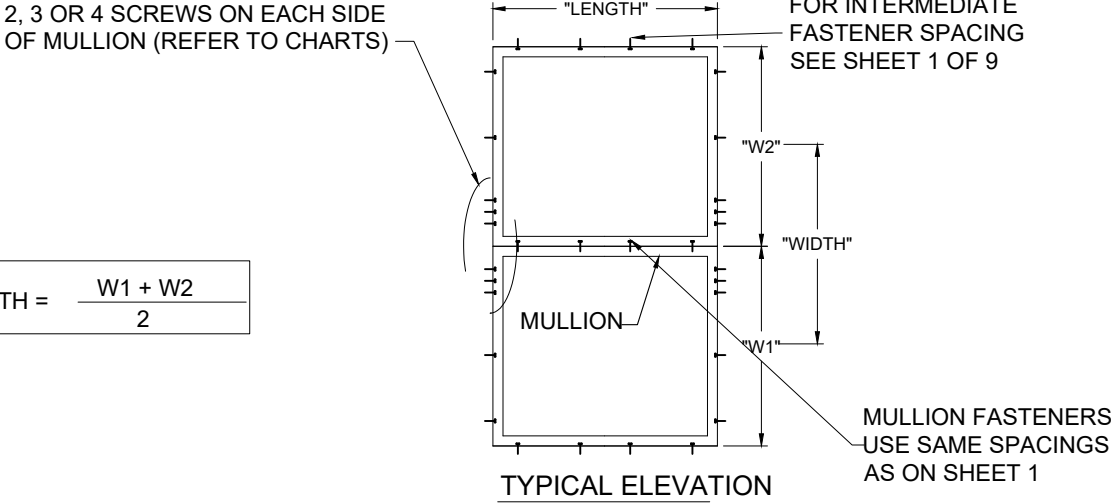
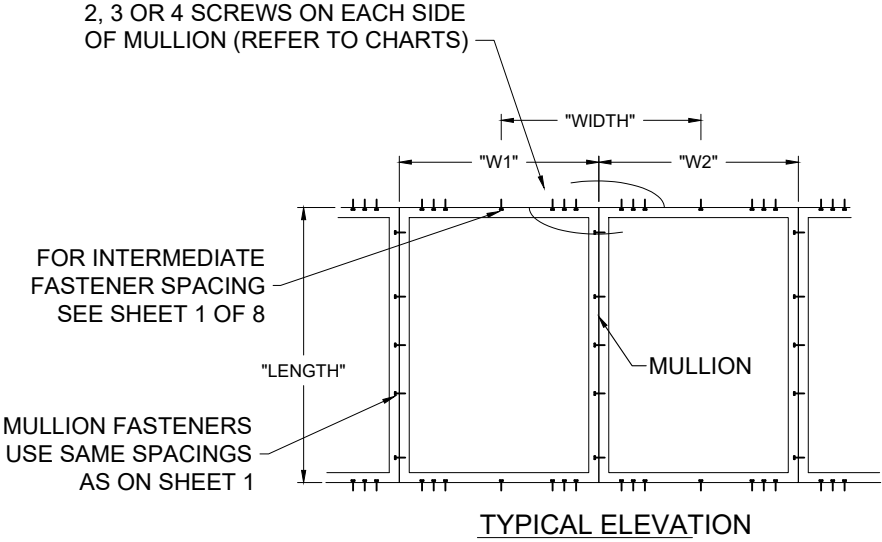
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2023 WINDOOR, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		1/24/23
WINDOOR® INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		SERIES "410" ALUM. FIXED WINDOW (LMI)		Date
MULLION LOAD CAPACITY 1		A. MORLESIN		By
PW410		7 OF 12		No.
PW410		PW410LMI-FPA		Sheet
MULLION LOAD CAPACITY 1		PW410		Desc.
PW410		PW410		Series



Rev.	NO CHANGES ON THIS SHEET.	10/2/23	A
Date			

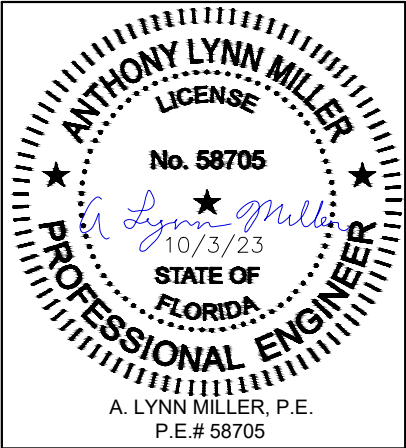
DESIGN LOAD CAPACITY - PSF (ANCHORS AT EACH SIDE OF MULLION)													
		ANCHOR TYPE A			ANCHOR TYPE AA			ANCHOR TYPES A & AA			ANCHOR TYPES A & AA		
WINDOW DIMS.		1/4" SHIM			1/4" SHIM			3/8" SHIM			1/2" SHIM		
WIDTH	LENGTH	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE
36"	72"	116.4	150.0	150.0	150.0	150.0	150.0	112.7	150.0	150.0	88.2	132.3	150.0
42"		99.8	149.7	150.0	150.0	150.0	150.0	96.6	144.9	150.0	75.6	113.4	150.0
48"		87.3	131.0	150.0	134.3	150.0	150.0	84.5	126.8	150.0	66.1	99.2	132.3
54"		77.6	116.4	150.0	119.4	150.0	150.0	75.1	112.7	150.0	58.8	88.2	117.6
60"		69.9	104.8	139.7	107.5	150.0	150.0	67.6	101.4	135.2	52.9	79.4	105.8
66"		63.5	95.3	127.0	97.7	146.5	150.0	61.5	92.2	122.9	48.1	72.1	96.2
72"		58.2	87.3	116.4	89.6	134.3	150.0	56.3	84.5	112.7	44.1	66.1	88.2
36"	84"	99.8	149.7	150.0	150.0	150.0	150.0	96.6	144.9	150.0	75.6	113.4	150.0
42"		85.6	128.3	150.0	131.6	150.0	150.0	82.8	124.2	150.0	64.8	97.2	129.6
48"		74.9	112.3	149.7	115.1	150.0	150.0	72.4	108.6	144.9	56.7	85.0	113.4
54"		66.5	99.8	133.1	102.3	150.0	150.0	64.4	96.6	128.8	50.4	76.5	100.8
60"		59.9	89.8	119.8	92.1	138.2	150.0	57.9	86.9	115.9	45.3	68.0	90.7
66"		54.4	81.7	108.9	83.7	125.6	150.0	52.7	79.0	105.4	41.2	61.8	82.5
72"		49.9	74.9	99.8	76.8	115.1	150.0	48.3	72.4	96.6	37.8	56.7	75.6
36"	96"	87.3	131.0	150.0	134.3	150.0	150.0	84.5	126.8	150.0	66.1	99.2	132.3
42"		74.9	112.3	149.7	115.1	150.0	150.0	72.4	108.6	144.9	56.7	85.0	113.4
48"		65.5	98.3	131.0	100.8	150.0	150.0	63.4	95.1	126.8	49.6	74.4	99.2
54"		58.2	87.3	116.4	89.6	134.3	150.0	56.3	84.5	112.7	44.1	66.1	88.2
60"		52.4	78.6	104.8	80.6	120.9	150.0	50.7	76.1	101.4	39.7	59.5	79.4
66"		47.6	71.5	95.3	73.3	109.9	146.5	46.1	69.1	92.2	36.1	54.1	72.1
72"		43.7	65.5	87.3	67.2	100.8	134.3	42.3	63.4	84.5	33.1	49.6	66.1
36"	102"	82.2	123.3	150.0	126.4	150.0	150.0	79.5	119.3	150.0	62.2	93.4	124.5
42"		70.5	105.7	140.9	108.4	150.0	150.0	68.2	102.3	136.3	53.4	80.0	106.7
48"		61.6	92.5	123.3	94.8	142.2	150.0	59.6	89.5	119.3	46.7	70.0	93.4
54"		54.8	82.2	109.6	84.3	126.4	150.0	53.0	79.5	106.0	41.5	62.2	83.0
60"		49.3	74.0	98.6	75.9	113.8	150.0	47.7	71.6	95.4	37.3	56.0	74.7
66"		44.8	67.3	89.7	69.0	103.4	137.9	43.4	65.1	86.8	34.0	50.9	67.9
72"		41.1	61.6	82.2	63.2	94.8	126.4	39.8	59.6	79.5	31.1	46.7	62.2
36"	108"	77.6	116.4	150.0	119.4	150.0	150.0	75.1	112.7	150.0	58.8	88.2	117.6
42"		66.5	99.8	133.1	102.3	150.0	150.0	64.4	96.6	128.8	50.4	75.6	100.8
48"		58.2	87.3	116.4	89.6	134.3	150.0	56.3	84.5	112.7	44.1	66.1	88.2
54"		51.8	77.6	103.5	79.6	119.4	150.0	50.1	75.1	100.1	39.2	58.8	78.4
60"		46.6	69.9	93.2	71.6	107.5	143.3	45.1	67.6	90.1	35.3	52.9	70.5
66"		42.3	63.5	84.7	65.1	97.7	130.3	41.0	61.5	81.9	32.1	48.1	64.1
72"		38.8	58.2	77.6	59.7	89.6	119.4	37.6	56.3	75.1	29.4	44.1	58.8
36"	114"	73.5	110.3	147.1	113.1	150.0	150.0	71.2	106.7	142.3	55.7	83.5	111.4
42"		63.0	94.6	126.1	97.0	145.4	150.0	61.0	91.5	122.0	47.7	71.6	95.5
48"		55.2	82.7	110.3	84.8	27.3	150.0	53.4	80.1	106.7	41.8	62.7	83.5
54"		49.0	73.5	98.1	75.4	113.1	150.0	47.4	71.2	94.9	37.1	55.7	74.3
60"		44.1	66.2	88.3	67.9	101.8	135.7	42.7	64.0	85.4	33.4	50.1	66.8
66"		40.1	60.2	80.2	61.7	92.6	123.4	38.8	58.2	77.6	30.4	45.6	60.8
72"		36.8	55.2	73.5	56.6	84.8	113.1	35.6	53.4	71.2	27.8	41.8	55.7
36"	120"	69.9	104.8	139.7	107.5	150.0	150.0	67.6	101.4	135.2	52.9	79.4	105.8
42"		59.9	89.8	119.8	92.1	138.2	150.0	57.9	86.9	115.9	45.3	68.0	90.7
48"		52.4	78.6	104.8	80.6	120.9	150.0	50.7	76.1	101.4	39.7	59.5	79.4
54"		46.6	69.9	93.2	71.6	107.5	143.3	45.1	67.6	90.1	35.3	52.9	70.5
60"		41.9	62.9	83.8	64.5	96.7	129.0	40.6	60.8	81.1	31.7	47.6	63.5
66"		38.1	57.2	76.2	58.6	87.9	117.2	36.9	55.3	73.7	28.9	43.3	57.7
72"		34.9	52.4	69.9	53.7	80.6	107.5	33.8	50.7	67.6	26.5	39.7	52.9

INTERPOLATION FROM THESE CHARTS IS ALLOWED.



WIDTH = $\frac{W1 + W2}{2}$

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WINDOOR [®] INCORPORATED WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		SERIES "410" ALUM. FIXED WINDOW (LMI)		
MULLION LOAD CAPACITY 2		A. MORLESIN		
PW410		8 OF 12		
PW410		PW410LMI-FPA		



Rev. #	10/2/23	A
Date		
NO CHANGES ON THIS SHEET.		
Rev.		

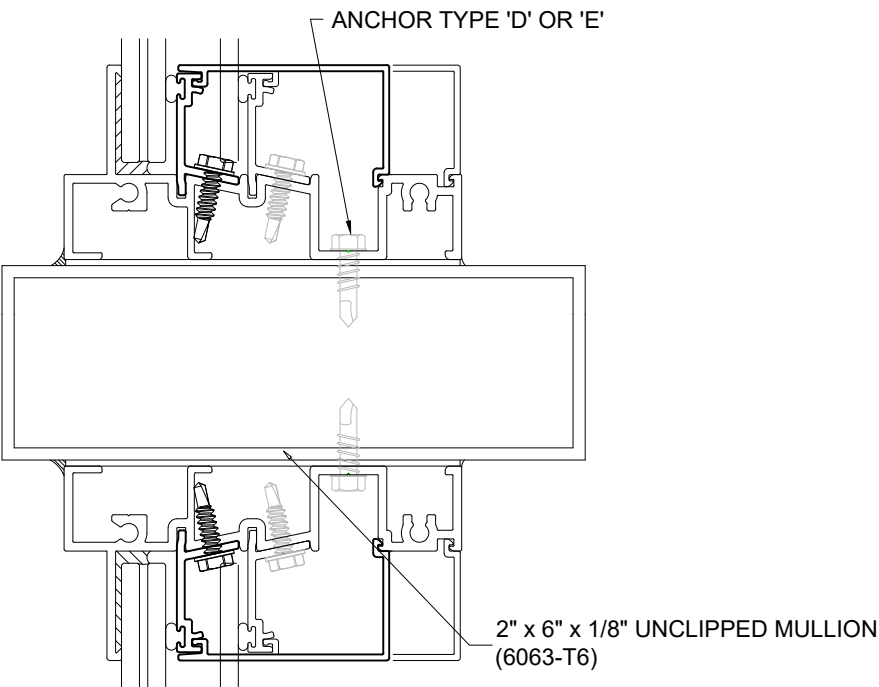
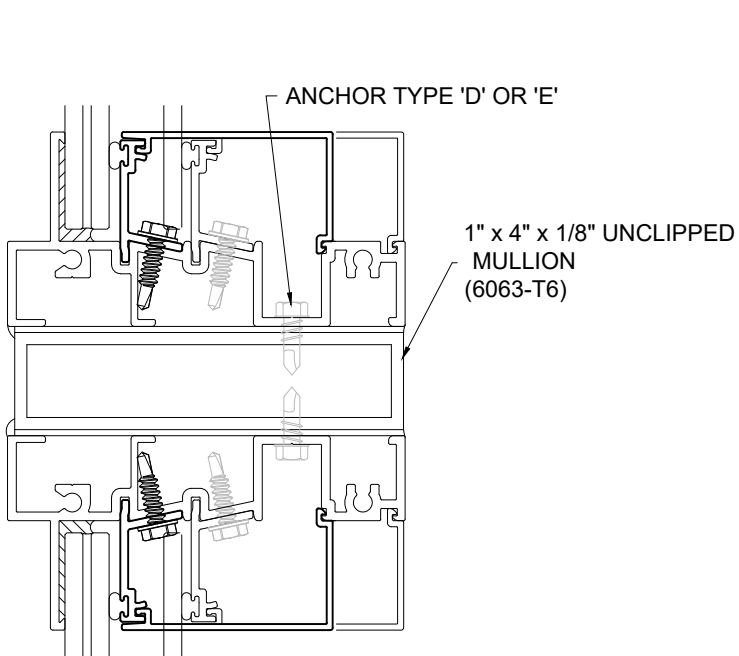
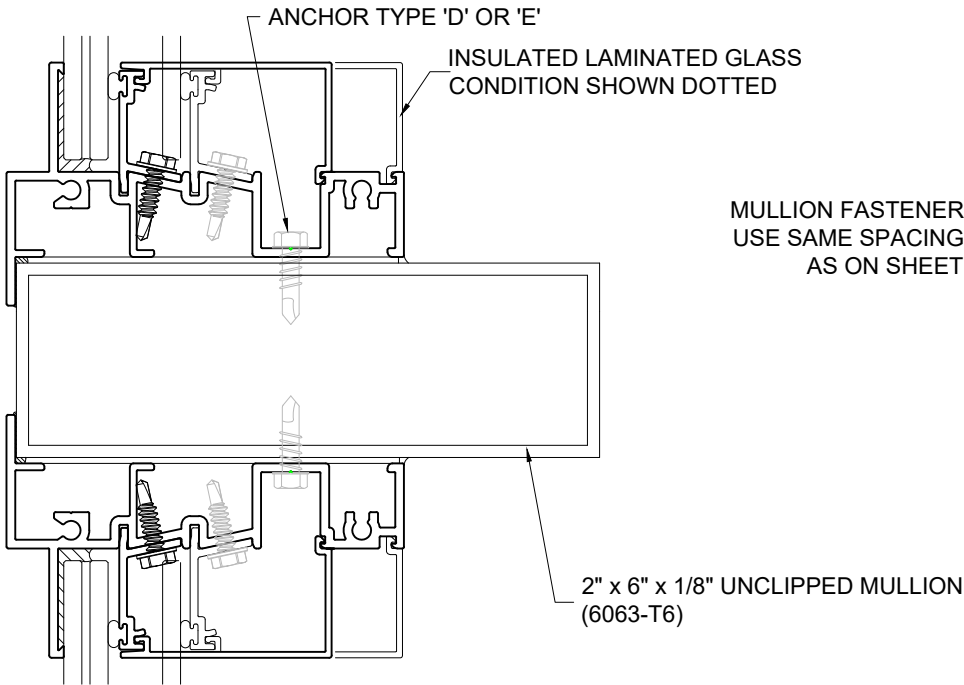
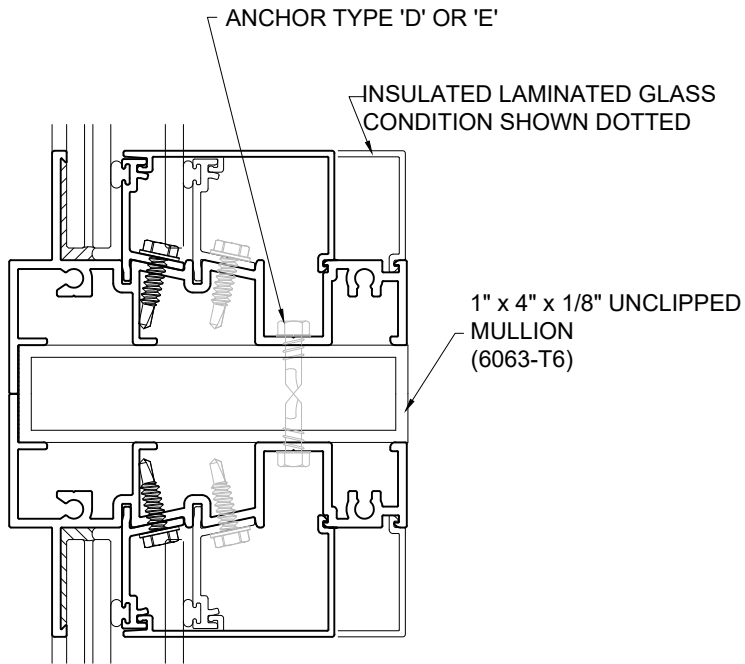
DESIGN LOAD CAPACITY - PSF (ANCHORS AT EACH SIDE OF MULLION)																									
		ANCHOR TYPES B & B+			ANCHOR TYPES BB & BB+			ANCHOR TYPES BBB & BBB+			ANCHORS TYPES B, BB, BBB, B+, BB+ & BBB+			ANCHORS TYPES B, BB, BBB, B+, BB+ & BBB+			ANCHOR TYPE C			ANCHOR TYPE D & E			ANCHOR TYPE E		
WINDOW DIMS.		1/4" SHIM			1/4" SHIM			1/4" SHIM			3/8" SHIM			1/2" SHIM			1/2" SHIM			1/4" SHIM			3/8" SHIM		
WIDTH	LENGTH	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE	2 / SIDE	3 / SIDE	4 / SIDE
36"	72"	105.8	150.0	150.0	150.0	150.0	150.0	131.1	150.0	150.0	89.2	133.8	150.0	69.4	104.1	138.8	128.9	150.0	150.0	150.0	150.0	150.0	82.8	124.2	150.0
42"		90.7	136.0	150.0	129.5	150.0	150.0	112.4	150.0	150.0	76.5	114.7	150.0	59.5	89.2	118.9	110.5	150.0	150.0	145.9	150.0	150.0	71.0	106.5	141.9
48"		79.3	119.0	150.0	113.3	150.0	150.0	98.3	147.5	150.0	66.9	100.4	133.8	52.0	78.1	104.1	96.7	145.0	150.0	127.7	150.0	150.0	62.1	93.2	124.2
54"		70.5	105.8	141.0	100.7	150.0	150.0	87.4	131.1	150.0	59.5	89.2	118.9	46.3	69.4	92.5	85.9	128.9	150.0	113.5	150.0	150.0	55.2	82.8	110.4
60"		63.5	95.2	126.9	90.7	136.0	150.0	78.7	118.0	150.0	53.5	80.3	107.0	41.6	62.4	83.3	77.3	116.0	150.0	102.1	150.0	150.0	49.7	74.5	99.4
66"		57.7	86.5	115.4	82.4	123.6	150.0	71.5	107.3	143.0	48.7	73.0	97.3	37.8	56.8	75.7	70.3	105.5	140.6	92.8	139.3	150.0	45.2	67.7	90.3
72"		52.9	79.3	105.8	75.6	113.3	150.0	65.6	98.3	131.1	44.6	66.9	89.2	34.7	52.0	69.4	64.4	96.7	128.9	85.1	127.7	150.0	41.4	62.1	82.8
36"	84"	90.7	136.0	150.0	129.5	150.0	150.0	112.4	150.0	150.0	76.5	114.7	150.0	59.5	89.2	118.9	110.5	150.0	150.0	145.9	150.0	150.0	71.0	106.5	141.9
42"		77.7	116.6	150.0	111.0	150.0	150.0	96.3	144.5	150.0	65.5	98.3	131.1	51.0	76.5	101.9	94.7	142.0	150.0	125.1	150.0	150.0	60.8	91.2	121.7
48"		68.0	102.0	136.0	97.1	145.7	150.0	84.3	126.4	150.0	57.3	86.0	114.7	44.6	66.9	89.2	82.9	124.3	150.0	109.4	150.0	150.0	53.2	79.8	106.5
54"		60.4	90.7	120.9	86.3	129.5	150.0	74.9	112.4	149.8	51.0	76.5	101.9	39.6	59.5	79.3	73.7	110.5	147.3	97.3	145.9	150.0	47.3	71.0	94.6
60"		54.4	81.6	108.8	77.7	116.6	150.0	67.4	101.1	134.9	45.9	68.8	91.7	35.7	53.5	71.4	66.3	99.4	132.6	87.5	131.3	150.0	42.6	63.9	85.2
66"		49.5	74.2	98.9	70.6	106.0	141.3	61.3	91.9	122.6	41.7	62.6	83.4	32.4	48.7	64.9	60.3	90.4	120.5	79.6	119.4	150.0	38.7	58.1	77.4
72"		45.3	68.0	90.7	64.8	97.1	129.5	56.2	84.3	112.4	38.2	57.3	76.5	29.7	44.6	59.5	55.2	82.9	110.5	73.0	109.4	145.9	35.5	53.2	71.0
36"	96"	79.3	119.0	150.0	113.3	150.0	150.0	98.3	147.5	150.0	66.9	100.4	133.8	52.0	78.1	104.1	96.7	145.0	150.0	127.7	150.0	150.0	62.1	93.2	124.2
42"		68.0	102.0	136.0	97.1	145.7	150.0	84.3	126.4	150.0	57.3	86.0	114.7	44.6	66.9	89.2	82.9	124.3	150.0	109.4	150.0	150.0	53.2	79.8	106.5
48"		59.5	89.3	119.0	85.0	127.5	150.0	73.8	110.6	147.5	50.2	75.3	100.4	39.0	58.5	78.1	72.5	108.8	145.0	95.8	143.6	150.0	46.6	69.9	93.2
54"		52.9	79.3	105.8	75.6	113.3	150.0	65.6	98.3	131.1	44.6	66.9	89.2	34.7	52.0	69.4	64.4	96.7	128.9	85.1	127.7	150.0	41.4	62.1	82.8
60"		47.6	71.4	95.2	68.0	102.0	136.0	59.0	88.5	118.0	40.1	60.2	80.3	31.2	46.8	62.4	58.0	87.0	116.0	76.6	114.9	150.0	37.3	55.9	74.5
66"		43.3	64.9	86.5	61.8	92.7	123.6	53.6	80.5	107.3	36.5	54.7	73.0	28.4	42.6	56.8	52.7	79.1	105.5	69.6	104.5	139.3	33.9	50.8	67.7
72"		39.7	59.5	79.3	56.7	85.0	113.3	49.2	73.8	98.3	33.5	50.2	66.9	26.0	39.0	52.0	48.3	72.5	96.7	63.8	95.8	127.7	31.1	46.6	62.1
36"	102"	74.7	112.0	149.3	106.7	150.0	150.0	92.5	138.8	150.0	63.0	94.4	125.9	49.0	73.5	97.9	91.0	136.5	150.0	120.2	150.0	150.0	58.4	87.7	116.9
42"		64.0	96.0	128.0	91.4	137.1	150.0	79.3	119.0	150.0	54.0	81.0	107.9	42.0	63.0	84.0	78.0	117.0	150.0	103.0	150.0	150.0	50.1	75.1	100.2
48"		56.0	84.0	112.0	80.0	120.0	150.0	69.4	104.1	138.8	47.2	70.8	94.4	36.7	55.1	73.5	68.2	102.4	136.5	90.1	135.2	150.0	43.8	65.8	87.7
54"		49.8	74.7	99.6	71.1	106.7	142.2	61.7	92.5	123.4	42.0	63.0	84.0	32.6	49.0	65.3	60.7	91.0	121.3	80.1	120.2	150.0	39.0	58.4	77.9
60"		44.8	67.2	89.6	64.0	96.0	128.0	55.5	83.3	111.1	37.8	56.7	75.6	29.4	44.1	58.8	54.6	81.9	109.2	72.1	108.1	144.2	35.1	52.6	70.1
66"		40.7	61.1	81.5	58.2	87.3	116.4	50.5	75.7	101.0	34.3	51.5	68.7	26.7	40.1	53.4	49.6	74.4	99.3	65.5	98.3	131.1	31.9	47.8	63.8
72"		37.3	56.0	74.7	53.3	80.0	106.7	46.3	69.4	92.5	31.5	47.2	63.0	24.5	36.7	49.0	45.5	68.2	91.0	60.1	90.1	120.2	29.2	43.8	58.4
36"	108"	70.5	105.8	141.0	100.7	150.0	150.0	87.4	131.1	150.0	59.5	89.2	118.9	46.3	69.4	92.5	85.9	128.9	150.0	113.5	150.0	150.0	55.2	82.8	110.4
42"		60.4	90.7	120.9	86.3	129.5	150.0	74.9	112.4	149.8	51.0	76.5	101.9	39.6	59.5	79.3	73.7	110.5	147.3	97.3	145.9	150.0	47.3	71.0	94.6
48"		52.9	79.3	105.8	75.6	113.3	150.0	65.6	98.3	131.1	44.6	66.9	89.2	34.7	52.0	69.4	64.4	96.7	128.9	85.1	127.7	150.0	41.4	62.1	82.8
54"		47.0	70.5	94.0	67.2	100.7	134.3	58.3	87.4	116.5	39.6	59.5	79.3	30.8	46.3	61.7	57.3	85.9	114.6	75.7	113.5	150.0	36.8	55.2	73.6
60"		42.3	63.5	84.6	60.4	90.7	120.9	52.4	78.7	104.9	35.7	53.5	71.4	27.8	41.6	55.5	51.6	77.3	103.1	68.1	102.1	136.2	33.1	49.7	66.2
66"		38.5	57.7	76.9	54.9	82.4	109.9	47.7	71.5	95.4	32.4	48.7	64.9	25.2	37.8	50.5	46.9	70.3	93.7	61.9	92.8	123.8	30.1	45.2	60.2
72"		35.3	52.9	70.5	50.4	75.6	100.7	43.7	65.6	87.4	29.7	44.6	59.5	23.1	34.7	46.3	43.0	64.4	85.9	56.7	85.1	113.5	27.6	41.4	55.2
36"	114"	66.8	100.2	133.6	95.4	143.2	150.0	82.8	124.2	150.0	56.3	84.5	112.7	43.8	65.7	87.6	81.4	122.1	150.0	107.5	150.0	150.0	52.3	78.4	104.6
42"		57.3	85.9	114.5	81.8	122.7	150.0	71.0	106.5	142.0	48.3	72.4	96.6	37.6	56.3	75.1	69.8	104.7	139.5	92.2	138.2	150.0	44.8	67.2	89.6
48"		50.1	75.2	100.2	71.6	107.4	143.2	62.1	93.2	124.2	42.3	63.4	84.5	32.9	49.3	65.7	61.1	91.6	122.1	80.6	120.9	150.0	39.2	58.8	78.4
54"		44.5	66.8	89.1	63.6	95.4	127.3	55.2	82.8	110.4	37.6	56.3	75.1	29.2	43.8	58.4	54.3	81.4	108.5	71.7	107.5	143.3	34.9	52.	

DESIGN LOAD CAPACITY - PSF (MULLION) 1" X 4" X 1/8" ALUM TUBE			
WINDOW DIMS.		LAMINATED GLASS	INSUL. LAM. GLASS
WIDTH	LENGTH	POS.(+) & NEG.(-)	POS.(+) & NEG.(-)
72"	72"	100.0	80.0
36"	84"	100.0	100.0
48"		90.0	57.0
68"		59.0	37.0

ANY SIZE OR DESIGN LOAD LESS THAN CHART IS ALLOWED.

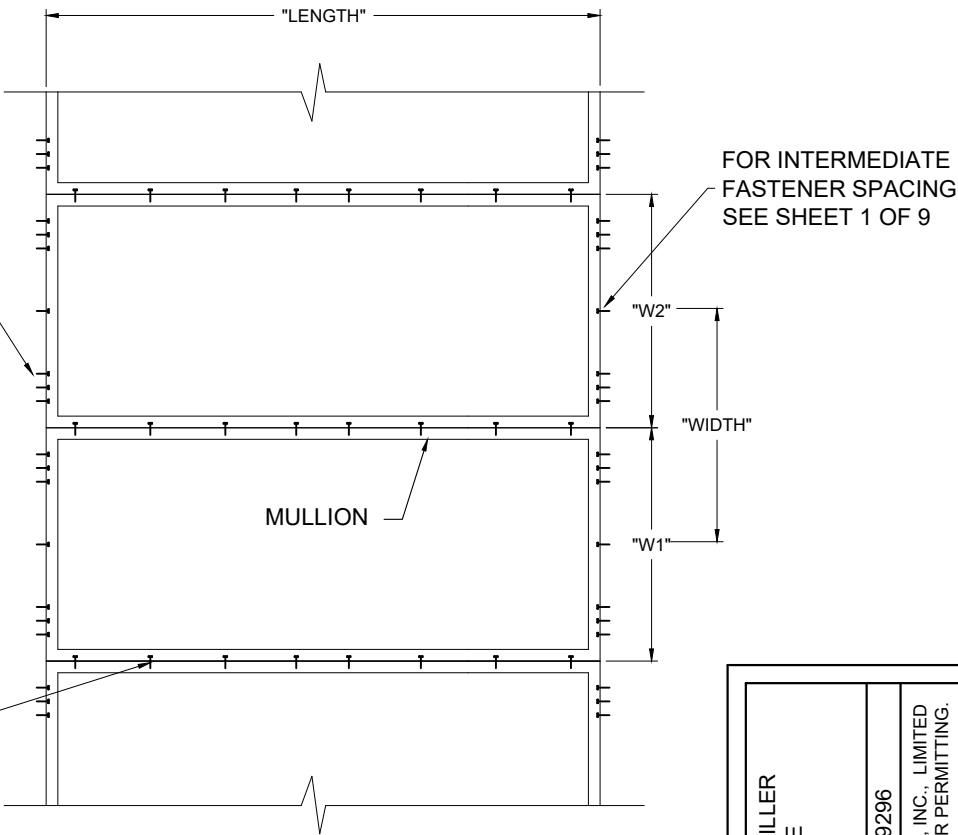
DESIGN LOAD CAPACITY - PSF (MULLION) 2" X 6" X 1/8" ALUM TUBE			
WINDOW DIMS.		LAMINATED GLASS	INSUL. LAM. GLASS
WIDTH	LENGTH	POS.(+) & NEG.(-)	POS.(+) & NEG.(-)
84"	72"	100.0	100.0
60"	96"	100.0	100.0
84"		75.0	75.0
60"		75.0	72.0
72"	108"	68.0	58.0
48"		75.0	68.0
60"		60.0	51.0
72"	120"	49.0	36.0

ANY SIZE OR DESIGN LOAD LESS THAN CHART IS ALLOWED.



ANCHORS AT EACH SIDE OF MULLION
(2) FOR 1X4 TUBE
(3) FOR 2X6 TUBE

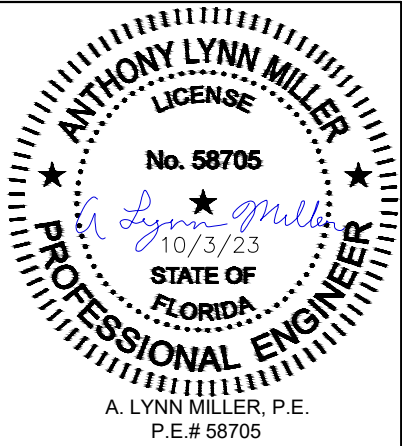
MULLION FASTENERS
USE SAME SPACINGS
AS ON SHEET 1



TYPICAL ELEVATION

$$\text{WIDTH} = \frac{W1 + W2}{2}$$
$$W2 \leq W1$$

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WINDOOR INCORPORATED 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		SERIES "410" ALUM. FIXED WINDOW (LMI)		A. MORLESIN	
MULLION LOAD CAPACITY 4		10 OF 12		PW410	
PW410		PW410LMI-FPA		PW410LMI-FPA	



Rev. #	A
Date	10/2/23
NO CHANGES ON THIS SHEET.	

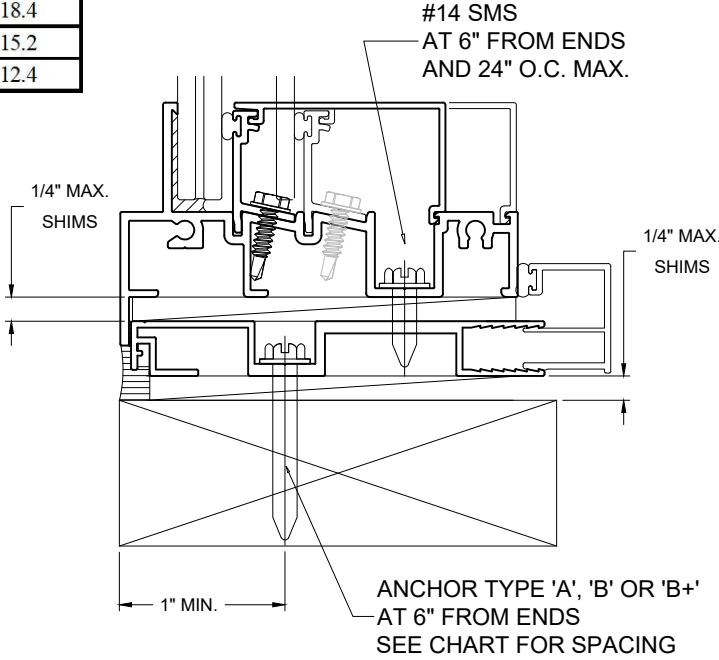
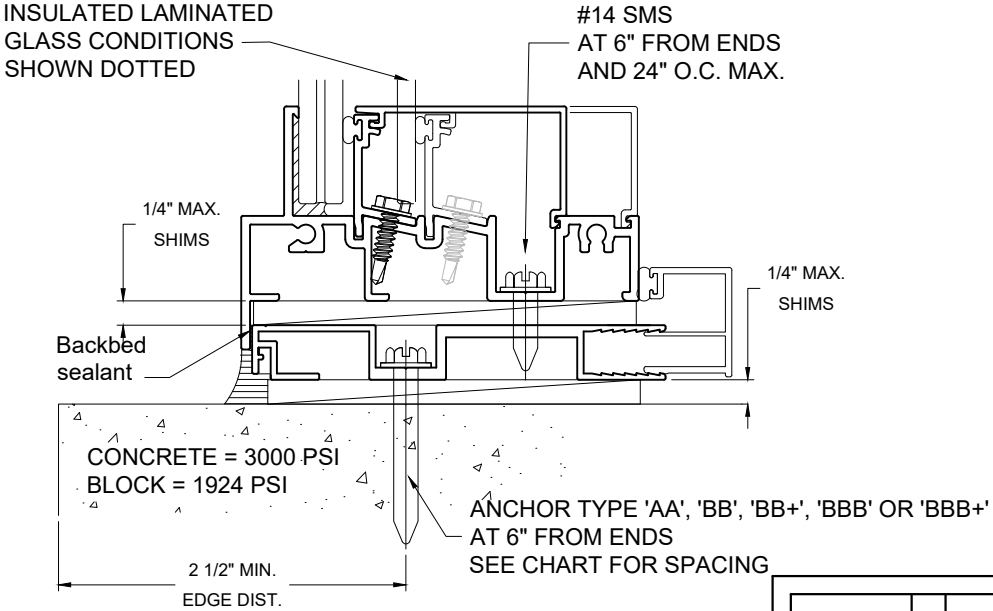
DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS		ANCHOR TYPES A, B, B+, AA, BB & BB+		ANCHOR TYPES BBB & BBB+
DIM. 1	DIM. 2	AT 16" O.C.	AT 8" O.C.	AT 16" O.C.
30"	48"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		150.0	150.0	150.0
51"		150.0	150.0	150.0
57"		150.0	150.0	150.0
60"		150.0	150.0	150.0
63"		150.0	150.0	150.0
66"		150.0	150.0	150.0
69"		150.0	150.0	150.0
72"		148.8	150.0	150.0
30"	54"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		150.0	150.0	150.0
51"		150.0	150.0	150.0
57"		150.0	150.0	150.0
60"		150.0	150.0	150.0
63"		150.0	150.0	150.0
66"		150.0	150.0	150.0
69"		150.0	150.0	150.0
72"		141.0	150.0	150.0
30"	60"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		150.0	150.0	150.0
51"		150.0	150.0	150.0
57"		150.0	150.0	150.0
60"		150.0	150.0	150.0
63"		150.0	150.0	150.0
66"		150.0	150.0	150.0
69"		146.5	150.0	150.0
72"		136.0	150.0	150.0
30"	66"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		150.0	150.0	150.0
51"		150.0	150.0	150.0
57"		150.0	150.0	150.0
60"		150.0	150.0	150.0
63"		150.0	150.0	150.0
66"		150.0	150.0	150.0
69"		144.2	150.0	150.0
72"		133.1	150.0	150.0
30"	72"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		148.8	150.0	150.0
51"		144.5	150.0	150.0
57"		138.2	150.0	150.0
60"		136.0	150.0	150.0
63"		134.3	150.0	150.0
66"		133.1	150.0	150.0
69"		132.5	150.0	150.0
72"		132.2	150.0	150.0

INTERPOLATION FROM THESE CHARTS IS ALLOWED.

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS		ANCHOR TYPES A, B, B+, AA, BB & BB+		ANCHOR TYPES BBB & BBB+
DIM. 1	DIM. 2	AT 16" O.C.	AT 8" O.C.	AT 16" O.C.
30"	78"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		150.0	150.0	150.0
51"		150.0	150.0	150.0
57"		145.8	150.0	150.0
60"		142.8	150.0	150.0
63"		140.4	150.0	150.0
66"		138.5	150.0	150.0
69"		137.0	150.0	150.0
72"		136.0	150.0	150.0
30"	84"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		142.8	150.0	150.0
51"		137.8	150.0	150.0
57"		130.0	150.0	150.0
60"		126.9	150.0	150.0
63"		124.3	150.0	150.0
66"		122.2	150.0	150.0
69"		120.4	150.0	149.2
72"		119.0	150.0	147.5
30"	90"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		141.9	150.0	150.0
48"		129.8	150.0	150.0
51"		125.0	150.0	150.0
57"		117.3	150.0	145.4
60"		114.2	150.0	141.6
63"		111.6	150.0	138.3
66"		109.3	150.0	135.5
69"		107.4	150.0	133.1
72"		105.8	150.0	131.1
30"	96"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		150.0	150.0	150.0
48"		138.8	150.0	150.0
51"		133.4	150.0	150.0
57"		124.7	150.0	150.0
60"		121.2	150.0	150.0
63"		118.1	150.0	146.4
66"		115.4	150.0	143.0
69"		113.1	150.0	140.1
72"		111.1	150.0	137.7
30"	102"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		141.0	150.0	150.0
48"		128.2	150.0	150.0
51"		123.0	150.0	150.0
57"		114.5	150.0	142.0
60"		111.1	150.0	137.7
63"		108.0	150.0	133.9
66"		105.4	150.0	130.6
69"		103.0	150.0	127.7
72"		101.0	150.0	125.2

DESIGN LOAD CAPACITY - PSF				
WINDOW DIMS		ANCHOR TYPES A, B, B+, AA, BB & BB+		ANCHOR TYPES BBB & BBB+
DIM. 1	DIM. 2	AT 16" O.C.	AT 8" O.C.	AT 16" O.C.
30"	108"	150.0	150.0	150.0
36"		148.1	150.0	150.0
42"		131.3	150.0	150.0
48"		119.0	150.0	147.5
51"		114.0	150.0	141.3
57"		105.9	150.0	131.2
60"		102.5	150.0	127.1
63"		99.6	150.0	123.4
66"		96.9	150.0	120.1
69"		94.6	150.0	117.3
72"		92.6	150.0	114.7
30"	114"	150.0	150.0	150.0
36"		150.0	150.0	150.0
42"		140.4	150.0	150.0
48"		126.9	150.0	150.0
51"		121.5	150.0	150.0
57"		112.5	150.0	139.5
60"		108.8	150.0	134.9
63"		105.5	150.0	130.8
66"		102.6	150.0	127.1
69"		100.0	150.0	123.9
72"		97.6	150.0	121.0
30"	120"	150.0	150.0	150.0
36"		149.3	150.0	150.0
42"		131.9	150.0	150.0
48"		119.0	150.0	147.5
51"		113.8	150.0	141.0
57"		105.1	150.0	130.3
60"		101.5	150.0	125.9
63"		98.4	150.0	121.9
66"		95.5	150.0	118.4
69"		92.9	150.0	115.2
72"		90.7	150.0	112.4

ALUMINUM BUCK FRAMING DETAILS



TYPICAL INSTALLATION DETAIL
ON ALL FOUR SIDES

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

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(833) 554-5432

By **A. MORLESIN**

1/24/23

SERIES "410" ALUM. FIXED WINDOW (LMI)

ANCHOR LOAD CAPACITY

11 OF 12

PW410

PW410LMI-FPA

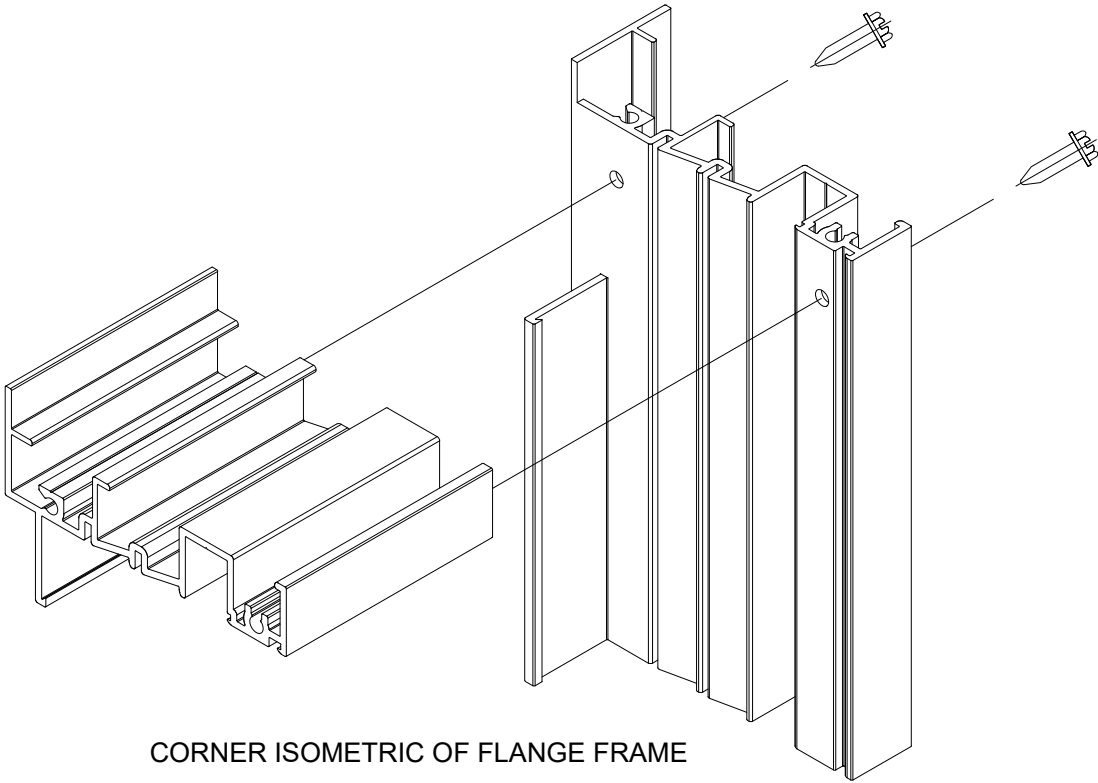
NO CHANGES ON THIS SHEET.

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/3/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER

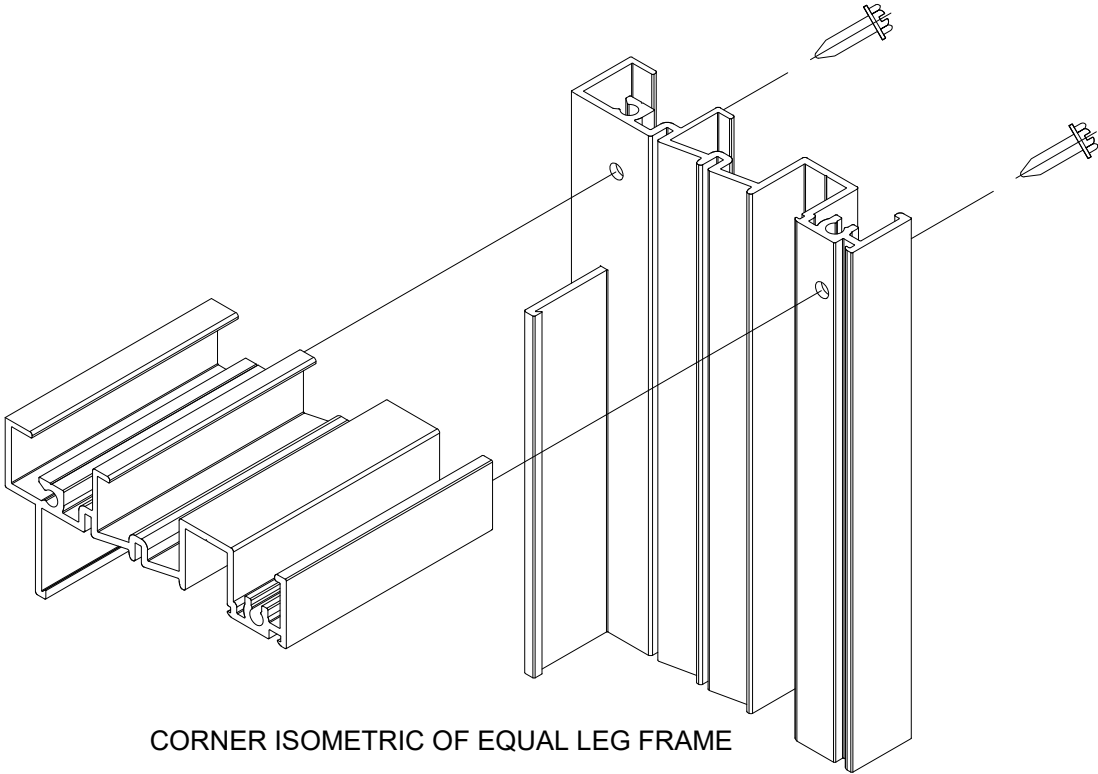
A. LYNN MILLER, P.E.
P.E.# 58705

BILL OF MATERIALS

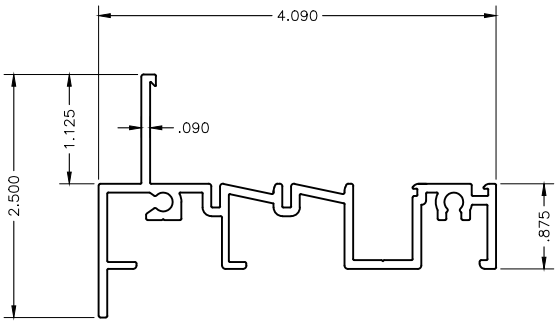
ITEM	PART NUMBER OR NAME	DESCRIPTION	MATERIAL
①	AL700	MAINE FRAME (FLANGE)	6063-T6
②	AL703	MAIN FRAME (EQUAL LEG)	6063-T6
③	AL701	GLASS STOP	6063-T6
④	AL702	STANDARD COVER	6063-T5
④A	AL702	LAMI COVER	6063-T5
⑤	GLASS STOP SCREW	#10 x 3/4" HEX HD. SELF DRILLING	STEEL
⑥	VARIES	GE-1200 or 2000 DOW-791, 983 OR 995	SILICONE
⑦	HD-55-10124	GLASS STOP BULB	VINYL
⑧	FRAME SCREW	#12 x 1 1/4" HEX HD. SMS	S/S
⑨	-	SETTING BLOCK	EPDM
⑩	-	ALUMINUM BUCK	6063-T6
⑪	-	OPTIONAL COVER	6063-T5



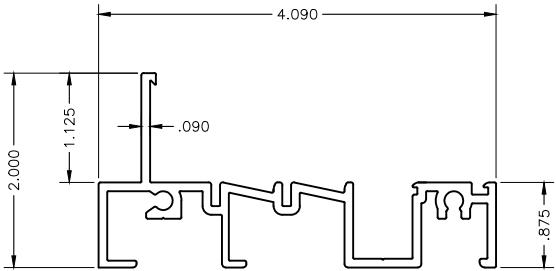
CORNER ISOMETRIC OF FLANGE FRAME



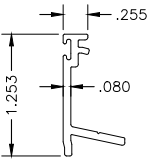
CORNER ISOMETRIC OF EQUAL LEG FRAME



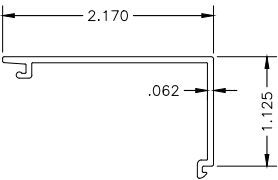
① FLANGE FRAME



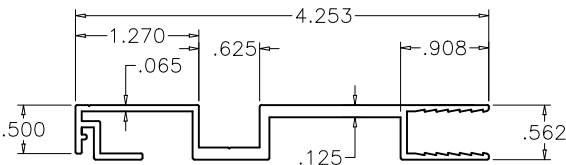
② EQUAL LEG FRAME



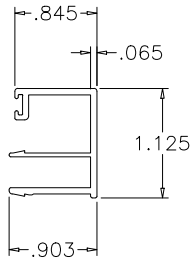
③ GLASS STOP



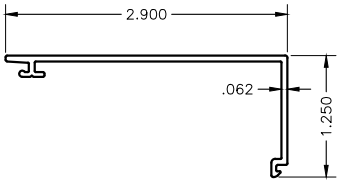
④ STANDARD COVER



⑩ ALUMINUM BUCK



⑪ OPTIONAL COVER



④A LAMI COVER

PREPARED BY A. LYNN MILLER
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SERIES "410" ALUM. FIXED WINDOW (LMI)
EXTRUSIONS / BOM

By
A. MORLESIN

Date
1/24/23

DWG
No.

12 OF 12

Sheet

Series

PW410

Desc.

PW410LMI-FPA

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LICENSE
No. 58705
10/3/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

Rev. #

10/2/23

Date

NO CHANGES ON THIS SHEET.

Rev.

A