

c:\users\sam\engineering express\production - documents\projects\23-23-59866 multiple products 2023 fbc update fl 20665\work\drawings & cad\23-59866c-fl20665.3 - fg-5750t.dwg



01 41



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FG-37501 STORMMAX® THERMAL-WEI & DRY GLAZED
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

[illegible]

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STEP ①: USE THE GLASS LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.

STEP ②: USE THE MULLION LOADING TABLE TO DETERMINE THE ALLOWABLE PRESSURES FOR THE MULLIONS
NOTE: TO DETERMINE THE LOADS OF THE MULLIONS, SEE DIAGRAM ON PAGE 12

STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE STOREFRONT SYSTEM.

STEP ④: LESSER OF SILL / HEAD ALLOWABLE PRESSURE (PAGES 30-31) AND FASTENER SCHEDULE (PAGES 17-26) MUST MEET OR EXCEED DESIGN LOAD PRESSURE FOR THE STOREFRONT SYSTEM.

DOORS ARE SHOWN BY SEPARATE APPROVAL
LESSER PRESSURE WILL PREVAIL ON COMBINED PRODUCTS
MINIMUM SHIM SPACE REQUIRED 1/4", MAXIMUM SHIM SPACE 1/2"



FRAME SIZE FOR SINGLE OPENINGS
SHALL BE GOVERNED BY THE MAXIMUM
ALLOWABLE D.L.O. DIMENSIONS
DISPLAYED ON THE GLASS CHARTS



STEP ①: USE THE GLASS LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.

STEP ②: USE THE MULLION LOADING TABLE TO DETERMINE THE ALLOWABLE PRESSURES FOR THE MULLIONS
NOTE: TO DETERMINE THE LOADS OF THE MULLIONS, SEE DIAGRAM ON PAGE 12

STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE STOREFRONT SYSTEM.

STEP ④: LESSER OF SILL / HEAD ALLOWABLE PRESSURE (PAGES 27-28) AND FASTENER SCHEDULE (PAGES 17-26) MUST MEET OR EXCEED DESIGN LOAD PRESSURE FOR THE STOREFRONT SYSTEM.

Diagram illustrating the dimensions and internal components of a rectangular frame. The overall height is 120" MAX. FRAME HEIGHT. The width is 2-1/2", 5". The internal height is 2-1/2". The internal width is 2-1/2". The internal components are labeled as follows:

- Top center: 9 / 31
- Left side (top to bottom): 21 / 33, 21.1 / 33, 22 / 33
- Right side (top to bottom): 21 / 33, 21.1 / 33, 22 / 33
- Bottom center: 11 / 31

Labels "opp." are placed between the left and right side components at each level.

FRAME SIZE FOR SINGLE OPENINGS
SHALL BE GOVERNED BY THE MAXIMUM
ALLOWABLE D.L.O. DIMENSIONS
DISPLAYED ON THE GLASS CHARTS

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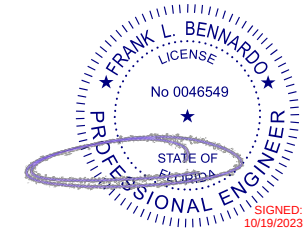
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1/4" (TEMP. GLASS)

1 5/16"

0.035" SENTRYGLAS BY KURARAY AMERICA

1/4" (TEMP. GLASS)

35

9/16" TYP GLASS BITE

26

30

1/2" AIR SPACE

1/2" ALUMINUM SPACER

GLASS TYPE G6

GLAZING DETAIL (DRY GLAZED)

N.T.S.

GLASS RATING:

SMALL MISSILE
1 5/16" GLASS

1/4" (T / H.S. GLASS)

1 5/16"

1/2" AIR SPACE

0.090" SENTRYGLAS BY KURARAY AMERICA

1/4" (H.S. GLASS)

9/16" TP GLASS BITE

(35)

(26)

(30)

1/2" ALUMINUM SPACER

GLASS TYPE G7

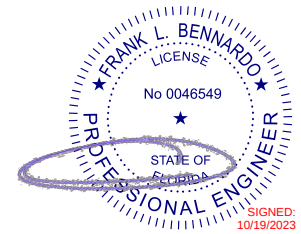
GLAZING DETAIL (DRY GLAZED)

N.T.S.

GLASS RATING:

LARGE MISSILE LEVEL D
1 5/16" GLASS

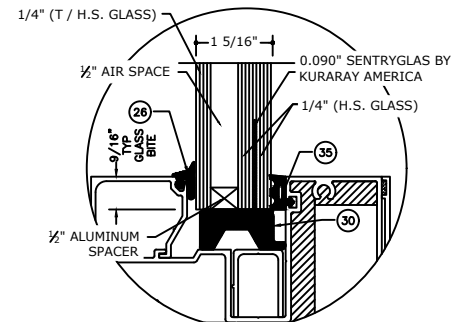
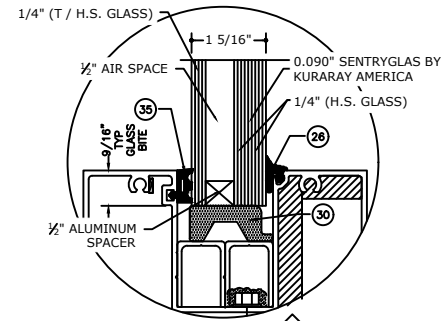
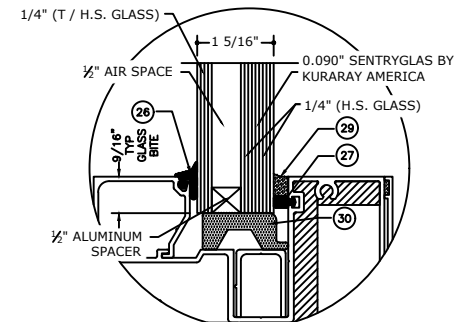
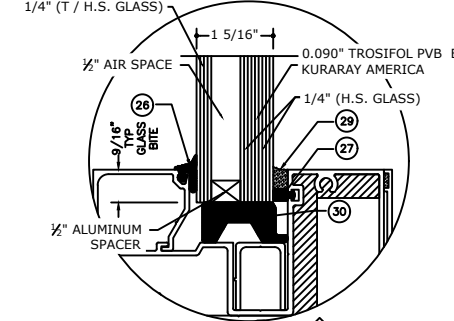
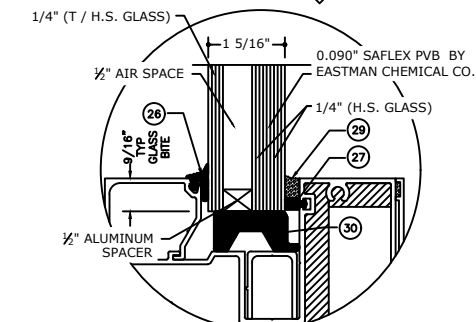
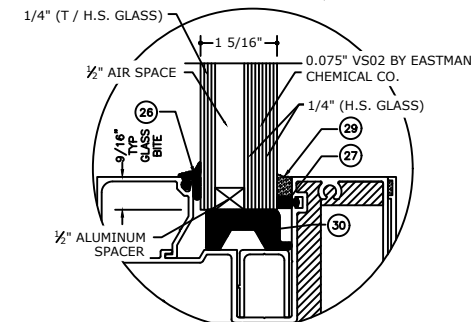
NOTE: GLAZING TYPE COMPLIES
WITH ASTM E1300 REQUIREMENTS.



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GLASS TYPES											
		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
42	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	55	55	70	80	90	90
	36	75	75	75	75	55	55	70	80	90	90
	42	75	75	75	75	55	55	67	77	90	90
	46	75	75	75	75	55	55	67	77	90	90
	48	75	75	75	75	55	55	67	77	90	90
	54	75	75	75	75	55	55	67	77	90	90
	57 1/2	75	75	75	75	55	55	67	77	90	90
	60	75	75	75	75	55	55	67	77	90	90
	66	75	75	75	75	55	55	67	77	90	90
	72	75	75	75	75	55	55	67	77	90	90
48	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	55	55	70	80	90	90
	36	75	75	75	75	55	55	70	80	90	90
	42	75	75	75	75	55	55	67	77	90	90
	46	75	75	75	75	55	55	61	70	90	90
	48	75	75	75	75	52	52	59	67	90	90
	54	75	75	75	75	52	52	59	67	90	90
	57 1/2	75	75	75	75	52	52	59	67	90	90
	60	75	75	75	75	52	52	59	67	90	90
	66	75	75	75	75	52	52	59	67	90	90
	72	75	75	75	75	52	52	59	67	90	90
54	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	55	55	70	80	90	90
	36	75	75	75	75	55	55	70	80	90	90
	42	75	75	75	75	55	55	67	77	90	90
	46	75	75	75	75	55	55	61	70	90	90
	48	75	75	75	75	52	52	59	67	90	90
	54	75	75	75	75	46	46	52	60	90	90
	57 1/2	75	75	75	75	46	46	52	60	90	90
	60	75	75	75	75	46	46	52	60	90	90
	66	75	75	75	75	46	46	52	60	90	90
	72	75	75	75	75	-	-	52	60	90	90
60	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	55	55	70	80	90	90
	36	75	75	75	75	55	55	70	80	90	90
	42	75	75	75	75	55	55	67	77	90	90
	46	75	75	75	75	55	55	61	70	90	90
	48	75	75	75	75	52	52	59	67	90	90
	54	75	75	75	75	46	46	52	60	90	90
	57 1/2	75	75	75	75	44	44	49	56	90	90
	60	67	67	67	67	42	42	47	54	86	86
	66	67	67	67	67	-	-	47	54	86	86
	72	67	67	67	67	-	-	47	54	86	86
78	67	67	67	67	-	-	-	-	86	86	

GLASS TYPE G1GLASS TYPE GLASS TYPE  G2GLASS TYPE GLASS TYPE  G4GLASS TYPE 

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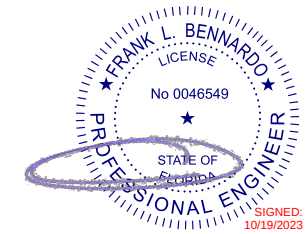
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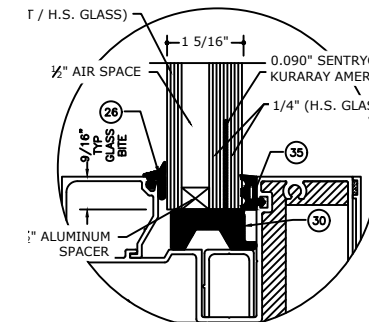
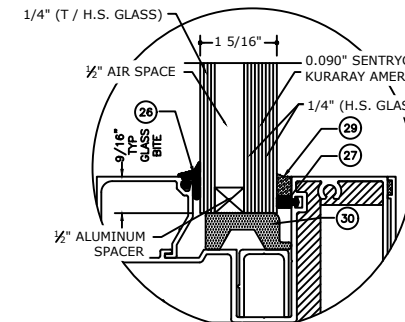
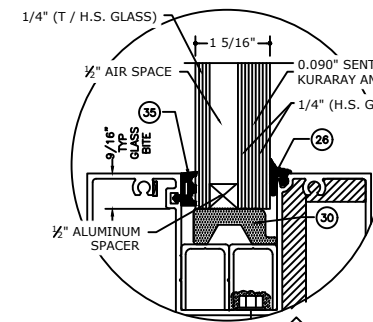
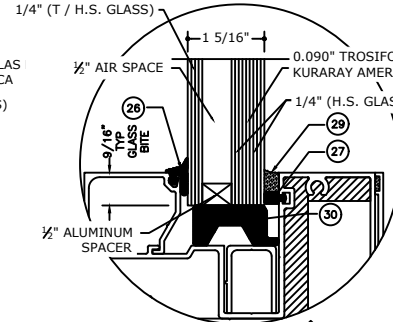
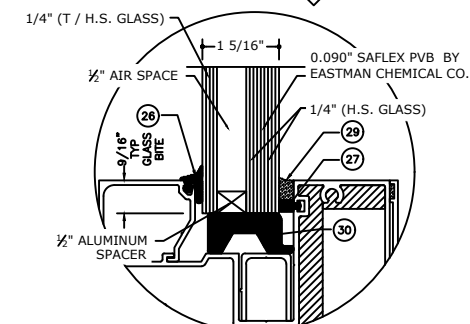
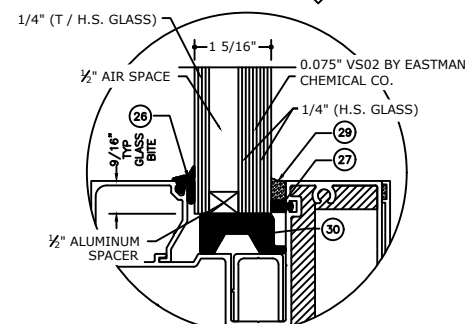
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[illegible]GLASS TYPE G1GLASS TYPE G2GLASS TYPE GLASS TYPE G3GLASS TYPE G4GLASS TYPE 

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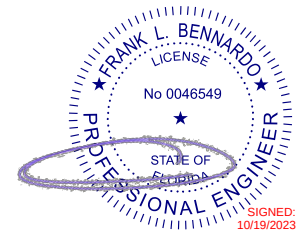
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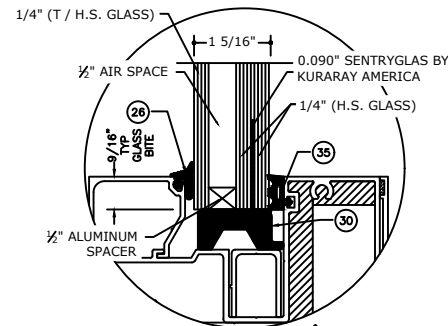
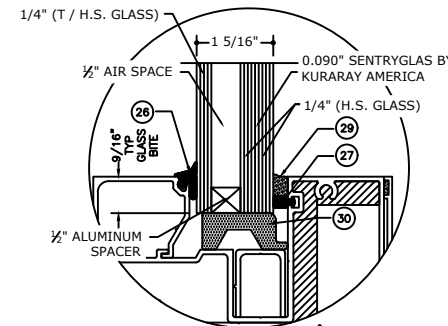
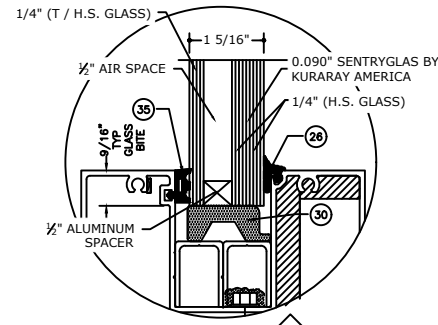
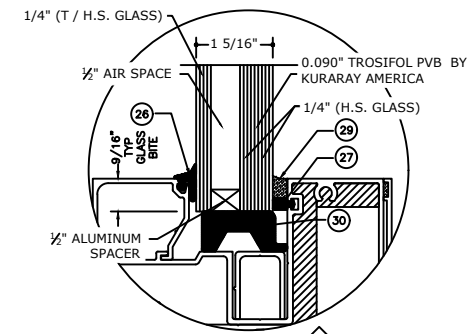
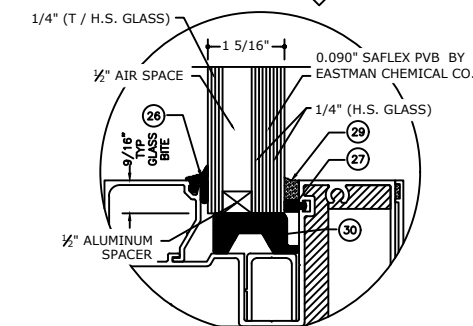
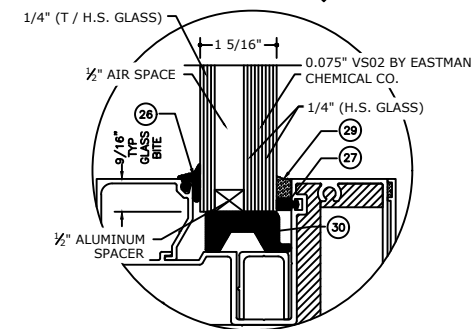
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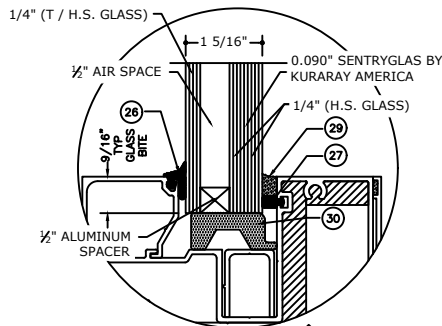
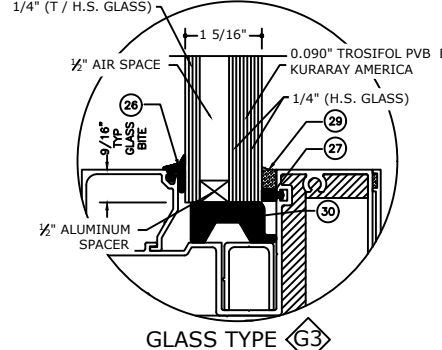
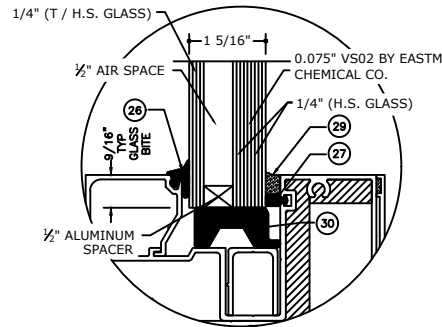
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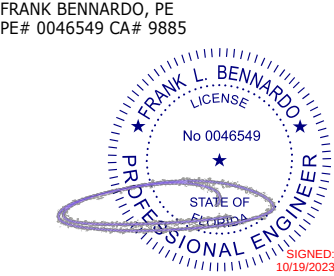
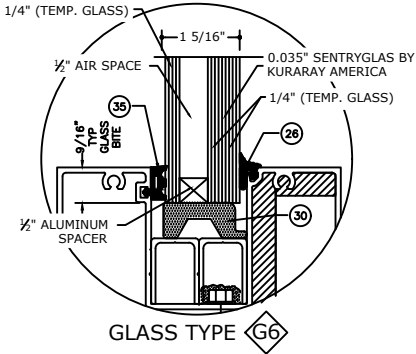
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GLASS LOADING TABLES (S.M.I.)

GLASS TYPES		G6	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
96	24	60	60
	30	60	60
	36	60	60
	42	60	60
	46	59	59
	48	57	57
101	24	60	60
	30	60	60
	36	60	60
	42	60	60
	46	60	60
108	24	60	60
	30	60	60
	36	60	60
	42	60	60
115	24	60	60
	30	60	60
	36	60	60

GLASS TYPES		G6	
		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F
120	24	60	60
	30	60	60
	36	60	60
126	24	60	60
	30	60	60
	36	60	60
132	24	60	60
	30	60	60
144	24	60	60
	30	60	60



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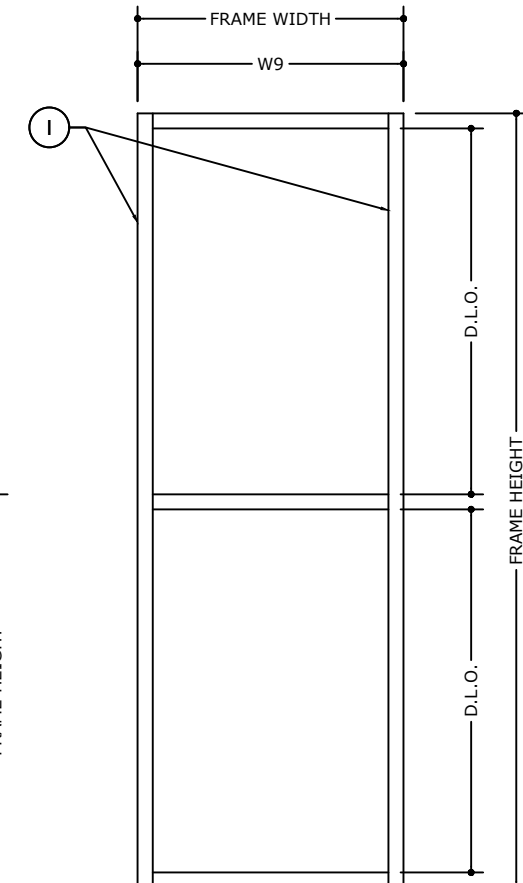
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LOAD DETERMINATION

$$\text{TRIBUTARY WIDTH I} = \frac{W9}{2}$$

(FOR STANDARD JAMB MULLION)

	JAMB MULLION
	STANDARD MULLION
	DOOR JAMB INTERMEDIATE MULLION
	DOOR JAMB MULLION

JAMB MULLION
STANDARD MULLION
DOOR JAMB INTERMEDIATE MULLION
DOOR JAMB MULLION

$$\text{TRIBUTARY WIDTH H} = \frac{\text{W8}}{4} + \frac{\text{JAMB PROFILE WIDTH}}{2}$$

(FOR DOOR
JAMB MULLION)

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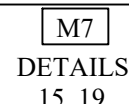
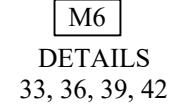
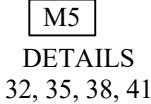
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SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE	
		M1		M2		M3 - M4		M5		M6		M7	
FRAME HEIGHT (in)	FRAME WIDTH (in)	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
66	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	70	70	75	75	70	80	70	70	55	55
	60	70	80	70	70	75	75	70	80	70	70	55	55
	66	70	80	70	70	75	75	70	80	70	70	55	55
	72	70	80	70	70	75	75	70	80	70	70	55	55
72	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	70	70	75	75	70	80	70	70	55	55
	60	70	80	70	70	75	75	70	80	70	70	55	55
	66	70	80	70	70	75	75	70	80	70	70	55	55
	72	70	80	70	70	75	75	70	80	70	70	55	55
	78	70	80	-	-	75	75	70	80	70	70	55	55
78	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	70	70	75	75	70	80	70	70	55	55
	60	70	80	70	70	75	75	70	80	70	70	55	55
	66	70	80	70	70	75	75	70	80	70	70	55	55
	72	70	80	-	-	75	75	70	80	70	70	55	55
	78	70	80	-	-	75	75	70	80	70	70	55	55
84	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	70	70	75	75	70	80	70	70	55	55
	60	70	80	70	70	75							

SINGLE SPAN JAMB LOADING CHART		MULLION TYPE	
		J1	
FRAME HEIGHT (in)	FRAME WIDTH (in)	(+) P.S.F	(-) P.S.F
36	24	90	90
	30	90	90
	36	90	90
	42	90	90
	44.75	90	90
	48	90	90
	54	90	90
	60	90	90
	72	90	90
48	24	90	90
	30	90	90
	36	90	90
	42	90	90
	44.75	90	90
	48	90	90
	54	90	90
50	24	90	90
	30	90	90
	36	90	90
	42	90	90
	44.75	90	90
	48	90	90
54	24	90	90
	30	90	90
	36	90	90
	42	90	90
	44.75	90	90
	48	90	90
60	24	90	90
	30	90	90
	36	90	90
	42	90	90
64	24	90	90
	30	90	90
	36	90	90
66	24	90	90
	30	90	90
	36	86	86
72	24	90	90
	30	87	87
	36	77	77
78	24	90	90
	30	79	79

- J1
DETAILS
21.1, 24.1



NOTE: SPANS NOT IN THIS TABLE
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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
FBC 2023 UPDATE	SQ	RS	08/30/23
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

23-59866c

SCALE: NTS UNLESS NOTED

1341

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MULLION LOADING TABLES (P.S.F.)

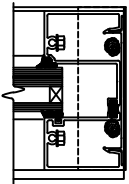
SINGLE SPAN MULLION LOADING CHART		MULLION TYPE M1		MULLION TYPE M2		MULLION TYPE M3 - M4		MULLION TYPE M5		MULLION TYPE M6		MULLION TYPE M7	
FRAME HEIGHT (in)	FRAME WIDTH (in)	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
89	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	70	70	75	75	70	80	70	70	55	55
	60	70	80	-	-	75	75	70	80	70	70	55	55
	66	70	80	-	-	75	75	70	80	70	70	55	55
	72	70	80	-	-	75	75	70	80	70	70	55	55
96	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	70	70	75	75	70	80	70	70	55	55
	60	70	80	-	-	75	75	70	80	70	70	55	55
	66	70	80	-	-	75	75	70	80	70	70	55	55
	72	69	78	-	-	75	75	70	80	-	-	55	55
102	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	80	70	70	75	75	70	80	70	70	55	55
	54	70	80	-	-	75	75	70	80	70	70	55	55
	60	68	78	-	-	75	75	70	80	70	70	55	55
	66	63	73	-	-	75	75	70	80	70	70	55	55
	72	-	-	-	-	75	75	-	-	-	-	-	-
108	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	79	70	70	75	75	70	80	70	70	55	55
	54	65	72	70	70	75	75	70	80	70	70	55	55
	60	60	66	70	70	75	75	70	80	70	70	55	55
	66	56	62	-	-	75	75	-	-	-	-	-	-
	72	-	-	-	-	75	75	-	-	-	-	-	-

SINGLE SPAN JAMB LOADING CHART		MULLION TYPE J1	
FRAME HEIGHT (in)	FRAME WIDTH (in)	(+) P.S.F	(-) P.S.F
84	24	86	86
	30	90	90
89	24	81	81
96	24	74	74
102	24	69	69
108	24	65	65

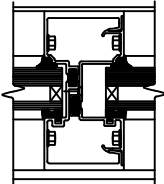
NOTE: FRAME WIDTHS = FRAME TRIBUTARY WIDTH

NOTE: SPANS NOT IN THIS TABLE CAN BE ADDED UNDER SITE SPECIFIC ENGINEERING AND SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ)

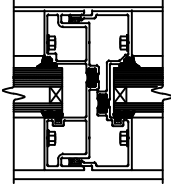
- APPLICABLE FOR UN-ANCHORED JAMB CONDITION ONLY
- JAMB TRIBUTARY SHALL BE DETERMINED PER SHEET 12 FOR SINGLE UNIT OR MULTI-UNITS STOREFRONT



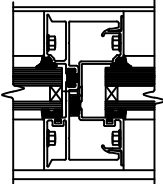
J1
DETAILS
21.1, 24.1



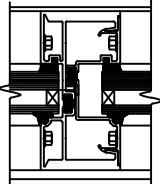
M1
DETAILS
12, 16



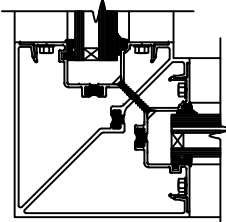
M2
DETAILS
14, 18



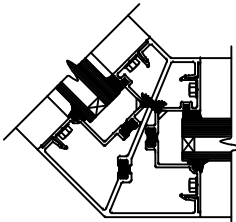
M3
DETAIL 13



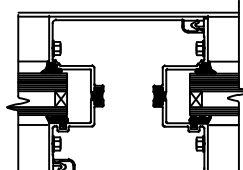
M4
DETAIL 17



M5
DETAILS
32, 35, 38, 41

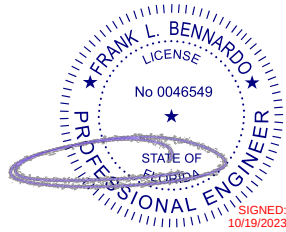


M6
DETAILS
33, 36, 39, 42



M7
DETAILS
15, 19

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PE# 0046549 CA# 9885



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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

REMARKS	INIT	ISSUE	(WAS 20-29229)	FBC 2023 UPDATE	DRWN		CHKD		DATE	
					JEM	SQ	AJP	RS	09/17/20	08/30/23

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SINGLE SPAN MULLION LOADING CHART		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE		MULLION TYPE	
		M1		M2		M3 - M4		M5		M6		M7	
FRAME HEIGHT (in)	FRAME WIDTH (in)	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
109	24	70	80	70	70	75	75	70	80	70	70	55	55
	30	70	80	70	70	75	75	70	80	70	70	55	55
	36	70	80	70	70	75	75	70	80	70	70	55	55
	42	70	80	70	70	75	75	70	80	70	70	55	55
	44.75	70	80	70	70	75	75	70	80	70	70	55	55
	48	70	79	70	70	75	75	70	80	70	70	55	55
	54	65	72	70	70	75	75	70	80	70	70	55	55
	60	60	66	70	70	75	75	70	80	70	70	55	55
	66	56	62	-	-	74	74	-	-	-	-	-	-
114	24	70	80	-	-	75	75	70	80	-	-	55	55
	30	70	80	-	-	75	75	70	80	-	-	55	55
	36	70	80	-	-	75	75	70	80	-	-	55	55
	42	70	75	-	-	75	75	70	80	-	-	55	55
	44.75	68	71	-	-	75	75	70	80	-	-	55	55
	48	64	67	-	-	75	75	70	80	-	-	55	55
	54	58	61	-	-	75	75	70	80	-	-	55	55
	60	53	56	-	-	73	73	70	80	-	-	55	55
	66	-	-	-	-	69	69	-	-	-	-	-	-
120	24	70	80	-	-	75	75	70	80	-	-	55	55
	30	70	80	-	-	75	75	70	80	-	-	55	55
	36	70	74	-	-	75	75	70	80	-	-	55	55
	42	65	64	-	-	75	75	70	80	-	-	55	55
	44.75	61	60	-	-	75	75	70	80	-	-	55	55
	48	57	57	-	-	75	75	70	80	-	-	55	55
	54	52	51	-	-	70	70	70	80	-	-	55	55
	60	47	47	-	-	68	68	-	-	-	-	-	-
126	24	-	-	-	-	75	75	70	80	-	-	55	55
	30	-	-	-	-	75	75	70	80	-	-	55	55
	36	-	-	-	-	75	75	70	80	-	-	55	55
	42	-	-	-	-	75	75	70	80	-	-	55	55
	44.75	-	-	-	-	75	75	70	80	-	-	55	55
	48	-	-	-	-	68	68	70	80	-	-	55	55
	54	-	-	-	-	62	62	70	78	-	-	55	55

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FLORIDA STATEWIDE APPROVAL (FSCA #120665-2)

REMARKS	DRWN	CHKD	DATE
INITIAL ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
FBC 2023 UPDATE	SQ	RS	08/30/23
-	-	-	-
-	-	-	-
-	-	-	-

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DETAILS
12, 16



DETAILS
14, 18



DETAIL 13



DETAIL 17



DETAILS
32, 35, 38, 41



DETAILS
33, 36, 39, 42



DETAILS
15, 19

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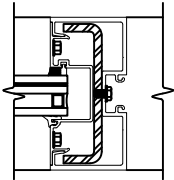
MULLION LOADING TABLES (P.S.F.)

SINGLE SPAN MULLION LOADING CHART		MULLION TYPE M3 - M4		MULLION TYPE M5		MULLION TYPE M7	
		(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
132	24	75	75	70	80	55	55
	30	75	75	70	80	55	55
	36	75	75	70	80	55	55
	42	75	75	70	80	55	55
	44.75	73	73	70	80	55	55
	48	69	69	70	75	55	55
	54	62	62	-	-	-	-
138	24	75	75	70	80	55	55
	30	75	75	70	80	55	55
	36	75	75	70	80	55	55
	42	70	70	70	80	55	55
	44.75	66	66	70	74	55	55
	48	62	62	65	65	55	55
	54	56	56	-	-	-	-
144	24	75	75	70	80	55	55
	30	75	75	70	80	55	55
	36	71	71	70	75	55	55
	42	62	62	65	65	55	55
	44.75	58	58	61	61	55	55
	48	54	54	57	57	55	55
	54	49	49	-	-	-	-
146	24	75	75	-	-	-	-
	30	75	75	-	-	-	-
	36	68	68	-	-	-	-
	42	59	59	-	-	-	-
	44.75	56	56	-	-	-	-
	48	52	52	-	-	-	-

SINGLE SPAN MULLION LOADING CHART		MULLION TYPE M8	
		(+) P.S.F	(-) P.S.F
FRAME HEIGHT (in)	FRAME WIDTH (in)		
120.375	73.25	70	80
146.00	66.00	70	70

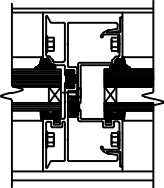
NOTE: FRAME WIDTHS = FRAME
TRIBUTARY WIDTH

NOTE: SPANS NOT IN THIS TABLE
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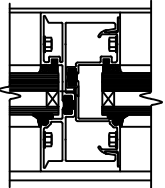
M8

DETAILS
16.1 & 16.2



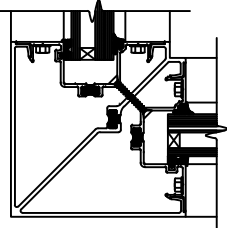
M3

DETAIL 13



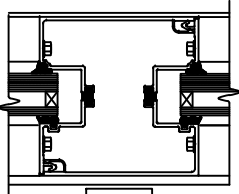
M4

DETAIL 17



M5

DETAILS
32, 35, 38, 41

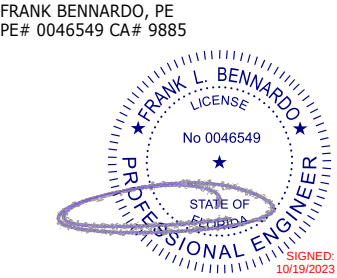


M7

DETAILS
15, 19

NOTE: FRAME WIDTHS = FRAME
TRIBUTARY WIDTH

NOTE: SPANS NOT IN THIS TABLE
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PE# 0046549 CA# 9885

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REMARKS	DATE	DRWN		CHKD	
		JEM	AJP	RS	RS
INIT ISSUE (WAS 20-29229)	09/17/20				
FBC 2023 UPDATE	08/30/23				

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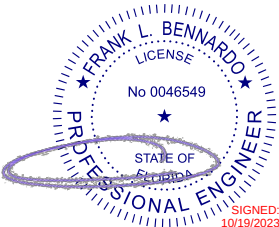
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE A

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE A							
		2		4		6		8	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
36	24	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	36	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	48	75	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	60	60	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	72	50	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	78	46	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
48	24	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	36	75	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	48	56	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	60	45	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	72	37	24"O.C.	75	24"O.C.	90	16"O.C.	90	16"O.C.
	78	34	24"O.C.	69	24"O.C.	90	16"O.C.	90	16"O.C.
60	24	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	36	60	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	48	45	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	60	36	30"O.C.	72	30"O.C.	90	20"O.C.	90	20"O.C.
	72	30	30"O.C.	60	30"O.C.	90	20"O.C.	90	20"O.C.
	78	27	30"O.C.	55	30"O.C.	83	20"O.C.	90	15"O.C.
72	24	75	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	36	50	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	48	37	36"O.C.	75	36"O.C.	90	24"O.C.	90	24"O.C.
	60	30	36"O.C.	60	36"O.C.	90	24"O.C.	90	24"O.C.
	72	25	36"O.C.	50	36"O.C.	75	24"O.C.	90	18"O.C.
	78	23	36"O.C.	46	36"O.C.	69	24"O.C.	90	18"O.C.

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PE# 0046549 CA# 9885



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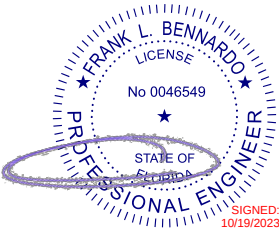
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE A

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE A													
		2		4		6		8		10		12		16	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
132	24	40	66"O.C.	81	66"O.C.	90	44"O.C.	90	44"O.C.	90	44"O.C.	90	44"O.C.	90	44"O.C.
	36	27	66"O.C.	54	66"O.C.	81	44"O.C.	90	33"O.C.	90	33"O.C.	90	33"O.C.	90	33"O.C.
	48	20	66"O.C.	40	66"O.C.	61	44"O.C.	81	33"O.C.	90	26"O.C.	90	26"O.C.	90	26"O.C.
	60	16	66"O.C.	32	66"O.C.	49	44"O.C.	65	33"O.C.	81	26"O.C.	90	22"O.C.	90	22"O.C.
	72	13	66"O.C.	27	66"O.C.	40	44"O.C.	54	33"O.C.	68	26"O.C.	81	22"O.C.	90	19"O.C.
	78	12	66"O.C.	25	66"O.C.	37	44"O.C.	50	33"O.C.	62	26"O.C.	75	22"O.C.	90	17"O.C.
144	24	37	72"O.C.	75	72"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.
	36	25	72"O.C.	50	72"O.C.	75	48"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	48	18	72"O.C.	37	72"O.C.	56	48"O.C.	75	36"O.C.	90	29"O.C.	90	29"O.C.	90	29"O.C.
	60	15	72"O.C.	30	72"O.C.	45	48"O.C.	60	36"O.C.	75	29"O.C.	90	24"O.C.	90	24"O.C.
	72	12	72"O.C.	25	72"O.C.	37	48"O.C.	50	36"O.C.	62	29"O.C.	75	24"O.C.	90	18"O.C.
	78	11	72"O.C.	23	72"O.C.	34	48"O.C.	46	36"O.C.	57	29"O.C.	69	24"O.C.	90	18"O.C.

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PE# 0046549 CA# 9885



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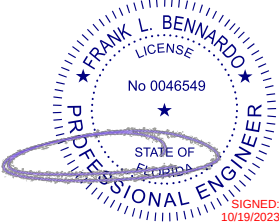
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE B

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE B			
		2		4	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
36	24	90	18"O.C.	90	18"O.C.
	36	90	18"O.C.	90	18"O.C.
	48	90	18"O.C.	90	18"O.C.
	60	90	18"O.C.	90	18"O.C.
	72	90	18"O.C.	90	18"O.C.
	78	90	18"O.C.	90	18"O.C.
48	24	90	24"O.C.	90	24"O.C.
	36	90	24"O.C.	90	24"O.C.
	48	90	24"O.C.	90	24"O.C.
	60	90	24"O.C.	90	24"O.C.
	72	83	24"O.C.	90	24"O.C.
	78	76	24"O.C.	90	24"O.C.
60	24	90	30"O.C.	90	30"O.C.
	36	90	30"O.C.	90	30"O.C.
	48	90	30"O.C.	90	30"O.C.
	60	80	30"O.C.	90	30"O.C.
	72	66	30"O.C.	90	30"O.C.
	78	61	30"O.C.	90	30"O.C.
72	24	90	36"O.C.	90	36"O.C.
	36	90	36"O.C.	90	36"O.C.
	48	83	36"O.C.	90	36"O.C.
	60	66	36"O.C.	90	36"O.C.
	72	55	36"O.C.	90	36"O.C.
	78	51	36"O.C.	90	36"O.C.

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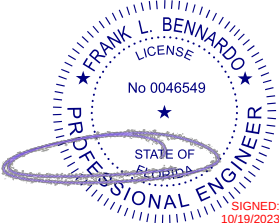
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE B

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE B					
		2		4		6	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
84	24	90	42"O.C.	90	42"O.C.	90	42"O.C.
	36	90	42"O.C.	90	42"O.C.	90	42"O.C.
	48	71	42"O.C.	90	42"O.C.	90	42"O.C.
	60	57	42"O.C.	90	42"O.C.	90	42"O.C.
	72	47	42"O.C.	90	42"O.C.	90	42"O.C.
	78	43	42"O.C.	87	42"O.C.	90	28"O.C.
96	24	90	48"O.C.	90	48"O.C.	90	48"O.C.
	36	83	48"O.C.	90	48"O.C.	90	48"O.C.
	48	62	48"O.C.	90	48"O.C.	90	48"O.C.
	60	50	48"O.C.	90	48"O.C.	90	48"O.C.
	72	41	48"O.C.	83	48"O.C.	90	32"O.C.
	78	38	48"O.C.	76	48"O.C.	90	32"O.C.
108	24	90	54"O.C.	90	54"O.C.	90	54"O.C.
	36	74	54"O.C.	90	54"O.C.	90	54"O.C.
	48	55	54"O.C.	90	54"O.C.	90	54"O.C.
	60	44	54"O.C.	88	54"O.C.	90	36"O.C.
	72	37	54"O.C.	74	54"O.C.	90	36"O.C.
	78	34	54"O.C.	68	54"O.C.	90	36"O.C.
120	24	90	60"O.C.	90	60"O.C.	90	60"O.C.
	36	66	60"O.C.	90	60"O.C.	90	60"O.C.
	48	50	60"O.C.	90	60"O.C.	90	60"O.C.
	60	40	60"O.C.	80	60"O.C.	90	40"O.C.
	72	33	60"O.C.	66	60"O.C.	90	40"O.C.
	78	30	60"O.C.	61	60"O.C.	90	40"O.C.

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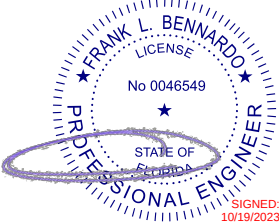
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE B

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE B							
		2		4		6		8	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
132	24	90	66"O.C.	90	66"O.C.	90	66"O.C.	90	66"O.C.
	36	60	66"O.C.	90	66"O.C.	90	66"O.C.	90	66"O.C.
	48	45	66"O.C.	90	66"O.C.	90	66"O.C.	90	66"O.C.
	60	36	66"O.C.	72	66"O.C.	90	44"O.C.	90	44"O.C.
	72	30	66"O.C.	60	66"O.C.	90	44"O.C.	90	44"O.C.
	78	27	66"O.C.	55	66"O.C.	83	44"O.C.	90	33"O.C.
144	24	83	72"O.C.	90	72"O.C.	90	72"O.C.	90	72"O.C.
	36	55	72"O.C.	90	72"O.C.	90	72"O.C.	90	72"O.C.
	48	41	72"O.C.	83	72"O.C.	90	48"O.C.	90	48"O.C.
	60	33	72"O.C.	66	72"O.C.	90	48"O.C.	90	48"O.C.
	72	27	72"O.C.	55	72"O.C.	83	48"O.C.	90	36"O.C.
	78	25	72"O.C.	51	72"O.C.	76	48"O.C.	90	36"O.C.

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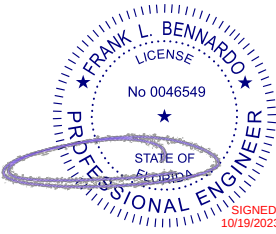
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE C

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FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE C											
		2		4		6		8		10		12	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
36	24	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	36	75	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	48	56	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	60	45	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	72	37	18"O.C.	75	18"O.C.	90	12"O.C.	90	12"O.C.	90	12"O.C.	90	12"O.C.
	78	34	18"O.C.	69	18"O.C.	90	12"O.C.	90	12"O.C.	90	12"O.C.	90	12"O.C.
48	24	85	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	36	56	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	48	42	24"O.C.	85	24"O.C.	90	16"O.C.	90	16"O.C.	90	16"O.C.	90	16"O.C.
	60	34	24"O.C.	68	24"O.C.	90	16"O.C.	90	16"O.C.	90	16"O.C.	90	16"O.C.
	72	28	24"O.C.	56	24"O.C.	85	16"O.C.	90	12"O.C.	90	12"O.C.	90	12"O.C.
	78	26	24"O.C.	52	24"O.C.	78	16"O.C.	90	12"O.C.	90	12"O.C.	90	12"O.C.
60	24	68	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	36	45	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	48	34	30"O.C.	68	30"O.C.	90	20"O.C.	90	20"O.C.	90	20"O.C.	90	20"O.C.
	60	27	30"O.C.	54	30"O.C.	81	20"O.C.	90	15"O.C.	90	15"O.C.	90	15"O.C.
	72	22	30"O.C.	45	30"O.C.	68	20"O.C.	90	15"O.C.	90	15"O.C.	90	15"O.C.
	78	20	30"O.C.	41	30"O.C.	62	20"O.C.	83	15"O.C.	90	12"O.C.	90	12"O.C.
72	24	56	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	36	37	36"O.C.	75	36"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	48	28	36"O.C.	56	36"O.C.	85	24"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	60	22	36"O.C.	45	36"O.C.	68	24"O.C.	90	18"O.C.	90	18"O.C.	90	18"O.C.
	72	18	36"O.C.	37	36"O.C.	56	24"O.C.	75	18"O.C.	90	14"O.C.	90	14"O.C.
	78	17	36"O.C.	34	36"O.C.	52	24"O.C.	69	18"O.C.	87	14"O.C.	90	12"O.C.

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FG-5750T STORMMAX® THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE EIGHTH EDITION (2023)

FEB 2023 UPDATE	JEM SQ	AJP RS	09/17/2023
-	-		-
-	-	-	-
-	-	-	-

23-59866c

SCALE: NTS UNLESS NOTED

25

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE C													
		2		4		6		8		10		12		16	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
84	24	48	42"O.C.	90	42"O.C.	90	42"O.C.	90	42"O.C.	90	42"O.C.	90	42"O.C.	90	42"O.C.
	36	32	42"O.C.	64	42"O.C.	90	28"O.C.	90	28"O.C.	90	28"O.C.	90	28"O.C.	90	28"O.C.
	48	24	42"O.C.	48	42"O.C.	72	28"O.C.	90	21"O.C.	90	21"O.C.	90	21"O.C.	90	21"O.C.
	60	19	42"O.C.	38	42"O.C.	58	28"O.C.	77	21"O.C.	90	17"O.C.	90	17"O.C.	90	17"O.C.
	72	16	42"O.C.	32	42"O.C.	48	28"O.C.	64	21"O.C.	80	17"O.C.	90	14"O.C.	90	14"O.C.
	78	14	42"O.C.	29	42"O.C.	44	28"O.C.	59	21"O.C.	74	17"O.C.	89	14"O.C.	90	12"O.C.
96	24	42	48"O.C.	85	48"O.C.	90	32"O.C.	90	32"O.C.	90	32"O.C.	90	32"O.C.	90	32"O.C.
	36	28	48"O.C.	56	48"O.C.	85	32"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	48	21	48"O.C.	42	48"O.C.	63	32"O.C.	85	24"O.C.	90	19"O.C.	90	19"O.C.	90	19"O.C.
	60	17	48"O.C.	34	48"O.C.	51	32"O.C.	68	24"O.C.	85	19"O.C.	90	16"O.C.	90	16"O.C.
	72	14	48"O.C.	28	48"O.C.	42	32"O.C.	56	24"O.C.	70	19"O.C.	85	16"O.C.	90	14"O.C.
	78	13	48"O.C.	26	48"O.C.	39	32"O.C.	52	24"O.C.	65	19"O.C.	78	16"O.C.	90	14"O.C.
108	24	37	54"O.C.	75	54"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	36	25	54"O.C.	50	54"O.C.	75	36"O.C.	90	27"O.C.	90	27"O.C.	90	27"O.C.	90	27"O.C.
	48	18	54"O.C.	37	54"O.C.	56	36"O.C.	75	27"O.C.	90	22"O.C.	90	22"O.C.	90	22"O.C.
	60	15	54"O.C.	30	54"O.C.	45	36"O.C.	60	27"O.C.	75	22"O.C.	90	18"O.C.	90	18"O.C.
	72	12	54"O.C.	25	54"O.C.	37	36"O.C.	50	27"O.C.	62	22"O.C.	75	18"O.C.	90	14"O.C.
	78	11	54"O.C.	23	54"O.C.	34	36"O.C.	46	27"O.C.	58	22"O.C.	69	18"O.C.	90	14"O.C.
120	24	34	60"O.C.	68	60"O.C.	90	40"O.C.	90	40"O.C.	90	40"O.C.	90	40"O.C.	90	40"O.C.
	36	22	60"O.C.	45	60"O.C.	68	40"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	48	17	60"O.C.	34	60"O.C.	51	40"O.C.	68	30"O.C.	85	24"O.C.	90	20"O.C.	90	20"O.C.
	60	13	60"O.C.	27	60"O.C.	40	40"O.C.	54	30"O.C.	68	24"O.C.	81	20"O.C.	90	17"O.C.
	72	11	60"O.C.	22	60"O.C.	34	40"O.C.	45	30"O.C.	56	24"O.C.	68	20"O.C.	90	15"O.C.
	78	10	60"O.C.	20	60"O.C.	31	40"O.C.	41	30"O.C.	52	24"O.C.	62	20"O.C.	83	15"O.C.

MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE C

FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE C													
		2		4		6		8		10		12		16	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
132	24	30	66"O.C.	61	66"O.C.	90	44"O.C.	90	44"O.C.	90	44"O.C.	90	44"O.C.	90	44"O.C.
	36	20	66"O.C.	41	66"O.C.	61	44"O.C.	82	33"O.C.	90	26"O.C.	90	26"O.C.	90	26"O.C.
	48	15	66"O.C.	30	66"O.C.	46	44"O.C.	61	33"O.C.	77	26"O.C.	90	22"O.C.	90	22"O.C.
	60	12	66"O.C.	24	66"O.C.	37	44"O.C.	49	33"O.C.	61	26"O.C.	74	22"O.C.	90	17"O.C.
	72	10	66"O.C.	20	66"O.C.	30	44"O.C.	41	33"O.C.	51	26"O.C.	61	22"O.C.	82	17"O.C.
	78	9	66"O.C.	19	66"O.C.	28	44"O.C.	38	33"O.C.	47	26"O.C.	57	22"O.C.	76	17"O.C.
144	24	28	72"O.C.	56	72"O.C.	85	48"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	36	18	72"O.C.	37	72"O.C.	56	48"O.C.	75	36"O.C.	90	29"O.C.	90	29"O.C.	90	29"O.C.
	48	14	72"O.C.	28	72"O.C.	42	48"O.C.	56	36"O.C.	70	29"O.C.	85	24"O.C.	90	21"O.C.
	60	11	72"O.C.	22	72"O.C.	34	48"O.C.	45	36"O.C.	56	29"O.C.	68	24"O.C.	90	18"O.C.
	72	9	72"O.C.	18	72"O.C.	28	48"O.C.	37	36"O.C.	47	29"O.C.	56	24"O.C.	75	18"O.C.
	78	8	72"O.C.	17	72"O.C.	26	48"O.C.	34	36"O.C.	43	29"O.C.	52	24"O.C.	69	18"O.C.

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

REMARKS	DRWN	CHKD	DATE
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FBC 2023 UPDATE	SQ	RS	08/30/23



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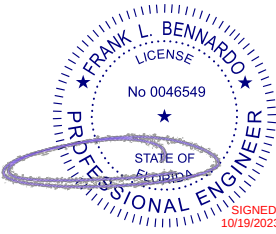
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE D

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE D													
		2		4		6		8		10		12		16	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
84	24	44	42" O.C.	88	42" O.C.	90	28" O.C.	90	28" O.C.	90	28" O.C.	90	28" O.C.	90	28" O.C.
	36	29	42" O.C.	59	42" O.C.	88	28" O.C.	90	21" O.C.	90	21" O.C.	90	21" O.C.	90	21" O.C.
	48	22	42" O.C.	44	42" O.C.	66	28" O.C.	88	21" O.C.	90	17" O.C.	90	17" O.C.	90	17" O.C.
	60	17	42" O.C.	35	42" O.C.	53	28" O.C.	70	21" O.C.	88	17" O.C.	90	14" O.C.	90	14" O.C.
	72	14	42" O.C.	29	42" O.C.	44	28" O.C.	59	21" O.C.	73	17" O.C.	88	14" O.C.	90	12" O.C.
	78	13	42" O.C.	27	42" O.C.	40	28" O.C.	54	21" O.C.	68	17" O.C.	81	14" O.C.	90	12" O.C.
96	24	38	48" O.C.	77	48" O.C.	90	32" O.C.	90	32" O.C.	90	32" O.C.	90	32" O.C.	90	32" O.C.
	36	25	48" O.C.	51	48" O.C.	77	32" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.
	48	19	48" O.C.	38	48" O.C.	58	32" O.C.	77	24" O.C.	90	19" O.C.	90	19" O.C.	90	19" O.C.
	60	15	48" O.C.	31	48" O.C.	46	32" O.C.	62	24" O.C.	77	19" O.C.	90	16" O.C.	90	16" O.C.
	72	12	48" O.C.	25	48" O.C.	38	32" O.C.	51	24" O.C.	64	19" O.C.	77	16" O.C.	90	14" O.C.
	78	11	48" O.C.	23	48" O.C.	35	32" O.C.	47	24" O.C.	59	19" O.C.	71	16" O.C.	90	12" O.C.
108	24	34	54" O.C.	68	54" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.
	36	22	54" O.C.	45	54" O.C.	68	36" O.C.	90	27" O.C.	90	27" O.C.	90	27" O.C.	90	27" O.C.
	48	17	54" O.C.	34	54" O.C.	51	36" O.C.	68	27" O.C.	86	22" O.C.	90	18" O.C.	90	18" O.C.
	60	13	54" O.C.	27	54" O.C.	41	36" O.C.	55	27" O.C.	68	22" O.C.	82	18" O.C.	90	15" O.C.
	72	11	54" O.C.	22	54" O.C.	34	36" O.C.	45	27" O.C.	57	22" O.C.	68	18" O.C.	90	14" O.C.
	78	10	54" O.C.	21	54" O.C.	31	36" O.C.	42	27" O.C.	52	22" O.C.	63	18" O.C.	84	14" O.C.
120	24	31	60" O.C.	62	60" O.C.	90	40" O.C.	90	40" O.C.	90	40" O.C.	90	40" O.C.	90	40" O.C.
	36	20	60" O.C.	41	60" O.C.	62	40" O.C.	82	30" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.
	48	15	60" O.C.	31	60" O.C.	46	40" O.C.	62	30" O.C.	77	24" O.C.	90	20" O.C.	90	20" O.C.
	60	12	60" O.C.	24	60" O.C.	37	40" O.C.	49	30" O.C.	62	24" O.C.	74	20" O.C.	90	15" O.C.
	72	10	60" O.C.	20	60" O.C.	31	40" O.C.	41	30" O.C.	51	24" O.C.	62	20" O.C.	82	15" O.C.
	78	9	60" O.C.	19	60" O.C.	28	40" O.C.	38	30" O.C.	47	24" O.C.	57	20" O.C.	76	15" O.C.

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FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

REMARKS

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FBC 2023 UPDATE

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09/17/20

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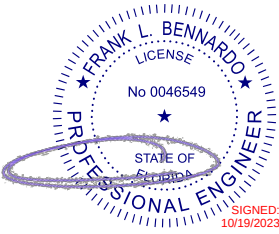
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE D

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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FRAME HEIGHT (IN)	TRIBUTARY WIDTH (IN)	TOTAL NUMBER OF ANCHORS AT THE CLUSTER-ANCHOR TYPE D													
		2		4		6		8		10		12		16	
		MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)	MAX PRESSURE (PSF)	JAMBS MAX ANCHOR SPACING (IN)
132	24	28	66" O.C.	56	66" O.C.	84	44" O.C.	90	33" O.C.	90	33" O.C.	90	33" O.C.	90	33" O.C.
	36	18	66" O.C.	37	66" O.C.	56	44" O.C.	75	33" O.C.	90	26" O.C.	90	26" O.C.	90	26" O.C.
	48	14	66" O.C.	28	66" O.C.	42	44" O.C.	56	33" O.C.	70	26" O.C.	84	22" O.C.	90	19" O.C.
	60	11	66" O.C.	22	66" O.C.	33	44" O.C.	45	33" O.C.	56	26" O.C.	67	22" O.C.	90	17" O.C.
	72	9	66" O.C.	18	66" O.C.	28	44" O.C.	37	33" O.C.	46	26" O.C.	56	22" O.C.	75	17" O.C.
	78	8	66" O.C.	17	66" O.C.	26	44" O.C.	34	33" O.C.	43	26" O.C.	52	22" O.C.	69	17" O.C.
144	24	25	72" O.C.	51	72" O.C.	77	48" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.
	36	17	72" O.C.	34	72" O.C.	51	48" O.C.	68	36" O.C.	86	29" O.C.	90	24" O.C.	90	24" O.C.
	48	12	72" O.C.	25	72" O.C.	38	48" O.C.	51	36" O.C.	64	29" O.C.	77	24" O.C.	90	21" O.C.
	60	10	72" O.C.	20	72" O.C.	31	48" O.C.	41	36" O.C.	51	29" O.C.	62	24" O.C.	82	18" O.C.
	72	8	72" O.C.	17	72" O.C.	25	48" O.C.	34	36" O.C.	43	29" O.C.	51	24" O.C.	68	18" O.C.
	78	7	72" O.C.	15	72" O.C.	23	48" O.C.	31	36" O.C.	39	29" O.C.	47	24" O.C.	63	18" O.C.

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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

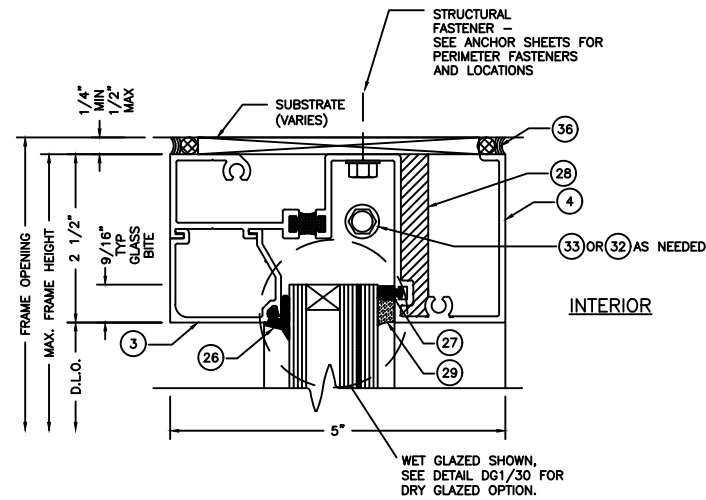
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INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
FBC 2023 UPDATE	SQ	RS	08/30/23

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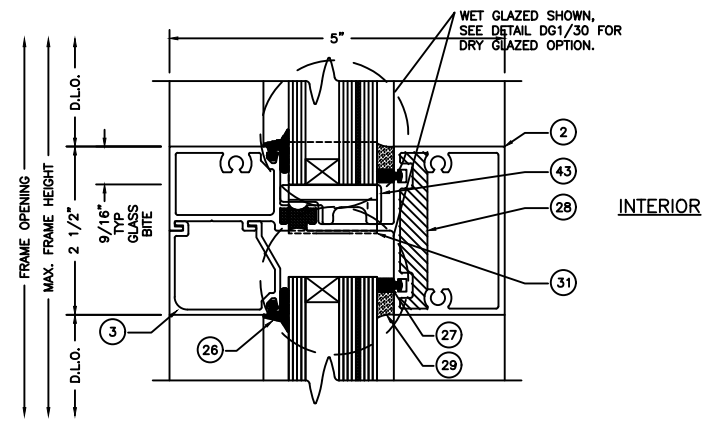
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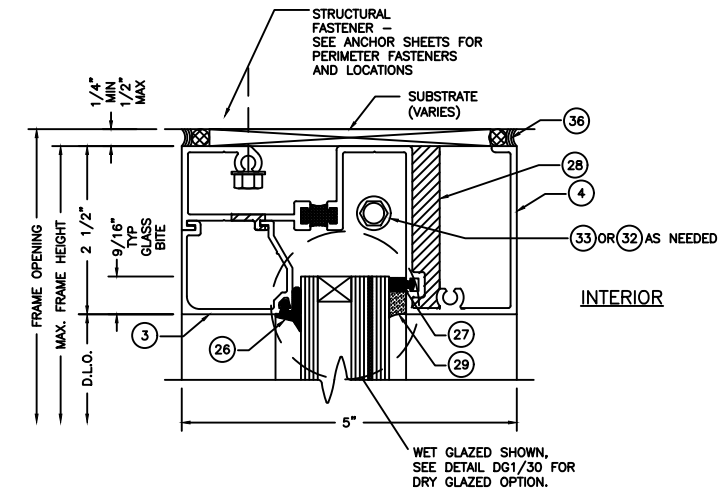
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4
30 INVERTED HEAD
LIMITED TO +70 / -70 P.S.F



5 INVERTED INTERMEDIATE HORIZONTAL
30



WET GLAZED SHOWN, SEE DETAIL DG1/30 FOR DRY GLAZED OPTION.

5 1/8"

MAX. FRAME HEIGHT

2 1/2"

9/16" TYP GLASS BITE

1/4" MIN. 1/2" MAX.

3

26

29

27

4

36

30

33 OR 32 AS NEEDED

28

21 OR 13

36

36

51

INTERIOR

STRUCTURAL
FASTENER -
SEE ANCHOR
SHEETS FOR
PERIMETER
FASTENERS AND
LOCATIONS



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30



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31 41



LOCATE REINFORCEMENT FASTENERS
1-1/4" FROM EACH END.



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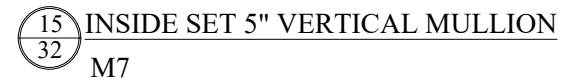
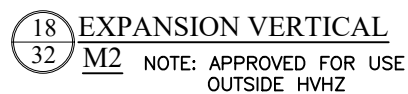
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32 41

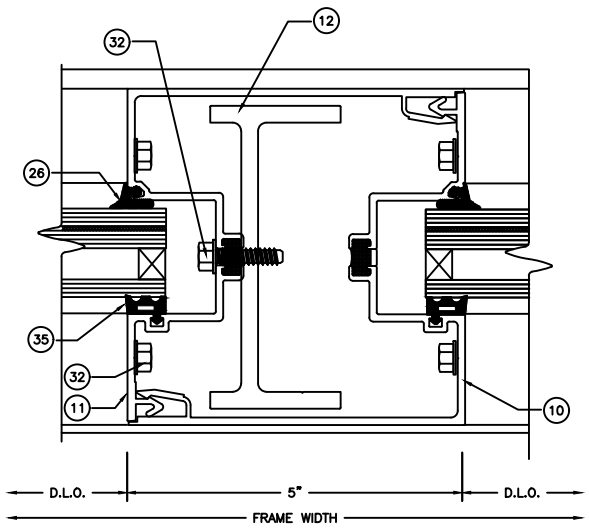


NOTE: APPROVED FOR USE
OUTSIDE HVHZ



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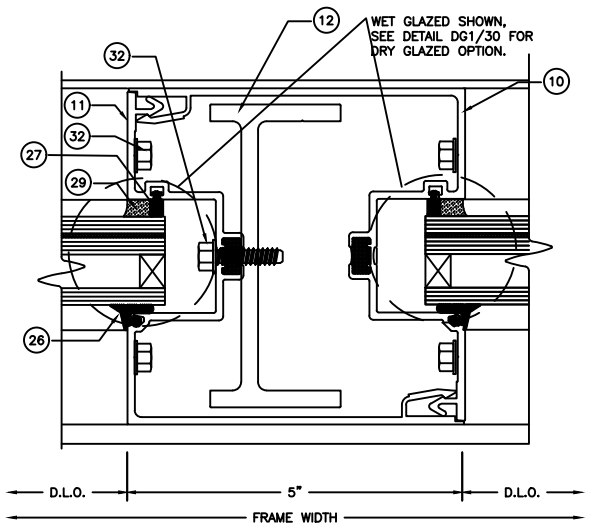
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20
33

INSIDE SET 5" VERTICAL MULLION
WITH FG-5720 REINFORCEMENT

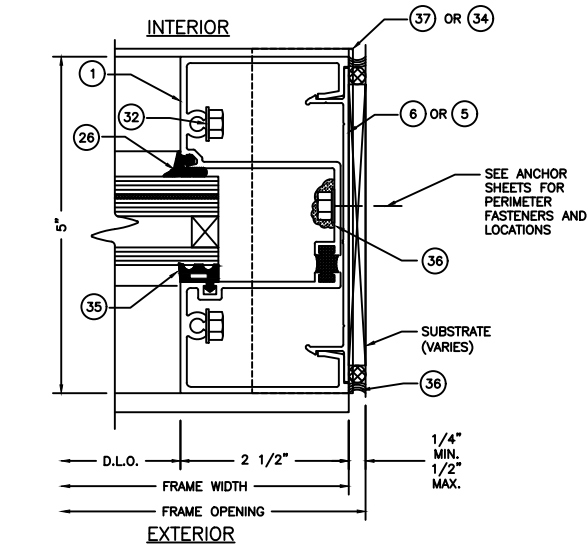
NOTE:
MULLION CAN BE USED UNDER SITE SPECIFIC
ENGINEERING AND SHALL BE APPROVED BY
THE AUTHORITY HAVING JURISDICTION (AHJ).



23
33

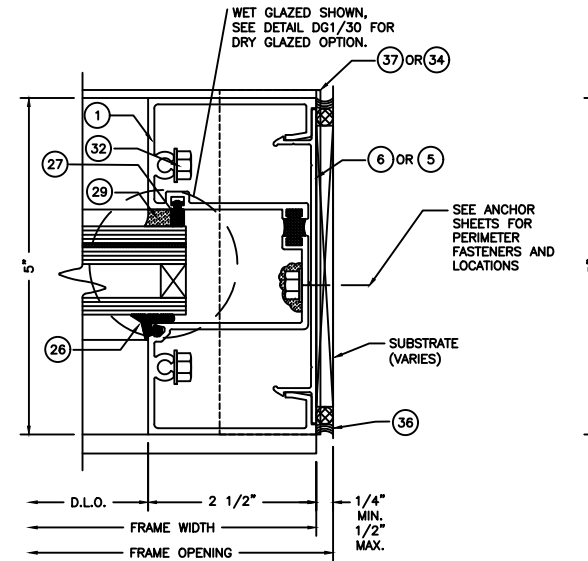
5" VERTICAL MULLION
WITH FG-5720 REINFORCEMENT

NOTE:
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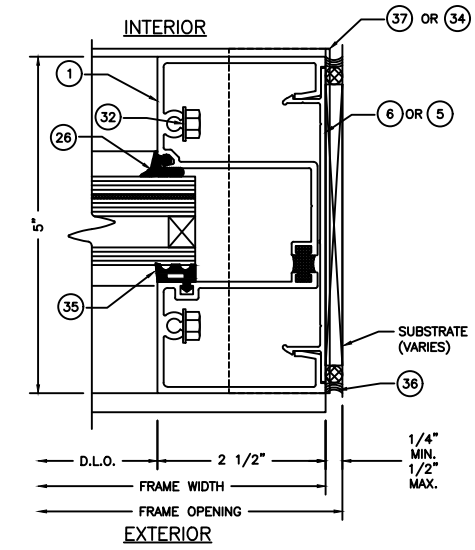
21
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INSIDE SET JAMB VERTICAL



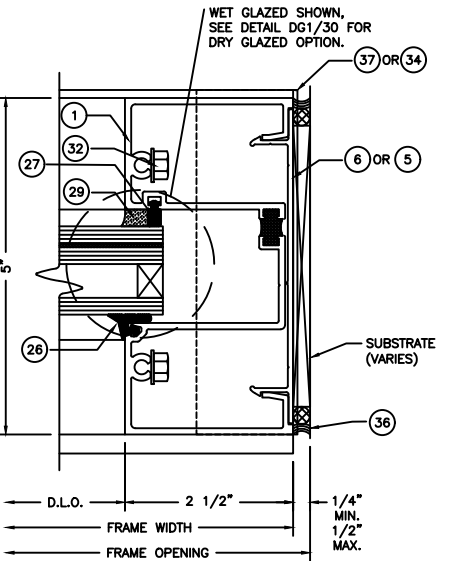
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JAMB VERTICAL



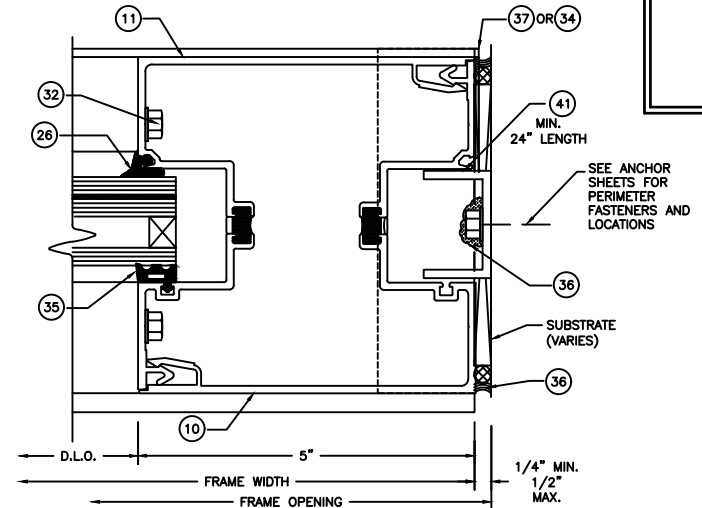
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33

INSIDE SET JAMB VERTICAL
(NON ANCHORED)
J1



24.1
33

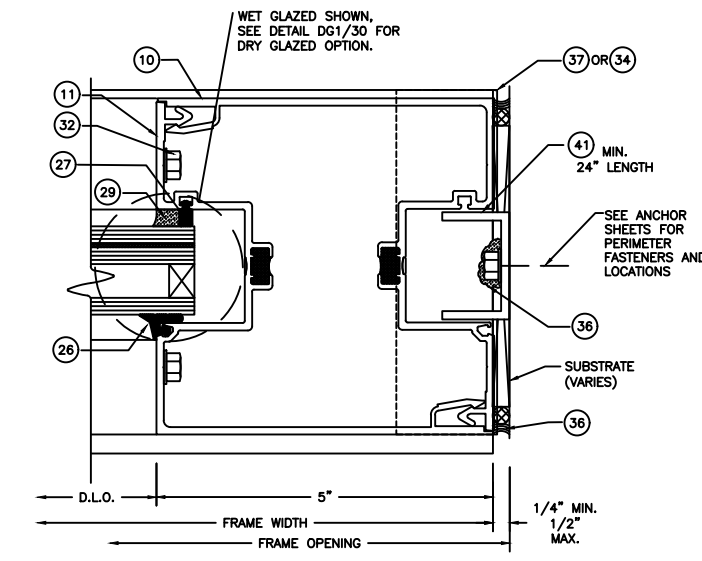
JAMB VERTICAL (NON ANCHORED)
J1



22
33

INSIDE SET 5" JAMB VERTICAL

NOTE:
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ENGINEERING AND SHALL BE APPROVED BY
THE AUTHORITY HAVING JURISDICTION (AHJ).

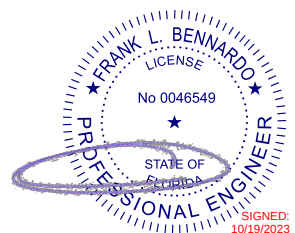


25
33

5" JAMB VERTICAL

NOTE:
MULLION CAN BE USED UNDER SITE SPECIFIC
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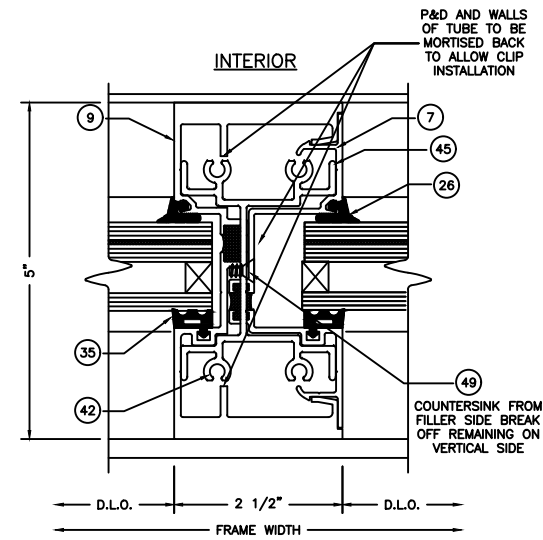
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FBC 2023 UPDATE	SQ	RS	08/30/23

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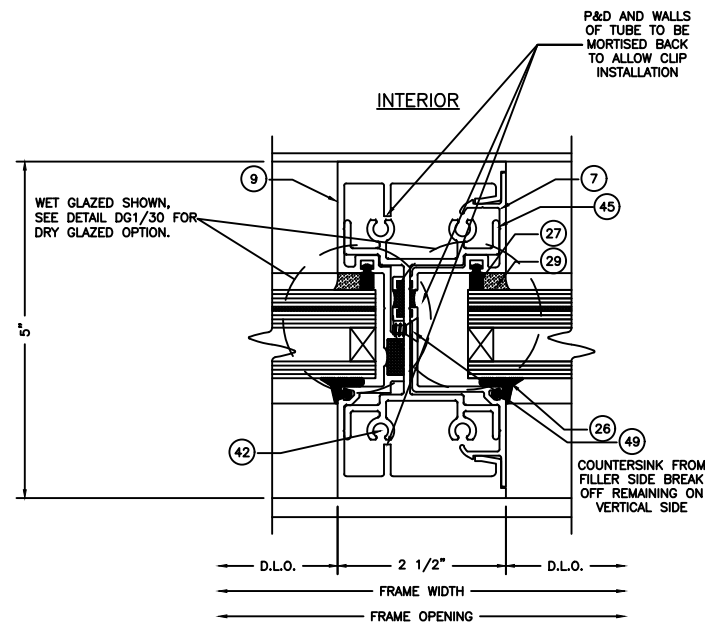
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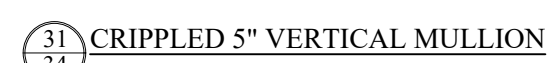
LOCATE REINFORCEMENT FASTENERS
1-1/4" FROM EACH END.



27 INSIDE SET CRIPPLED HEAVY VERTICAL
34



30 CRIPPLED HEAVY VERTICAL
34



NOTE:
CRIPPLED VERTICAL MULLIONS SHOWN
HEREIN CAN BE USED UNDER SITE SPECIFIC
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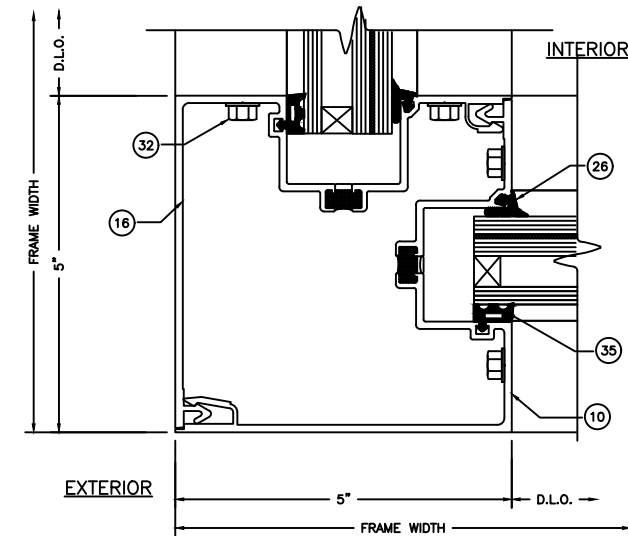
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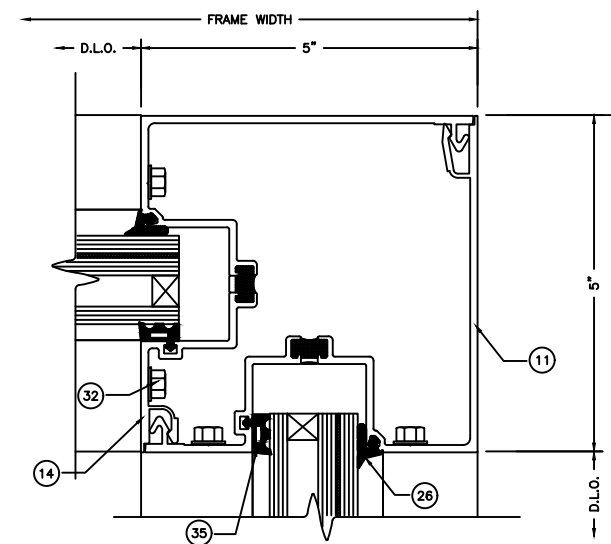


36 135° INSIDE CORNER POST
35 M6
NOTE: APPROVED FOR USE
OUTSIDE HVHZ



40 INSIDE SET 90° CORNER POST
36

NOTE:
 MULLION CAN BE USED UNDER SITE SPECIFIC
 ENGINEERING AND SHALL BE APPROVED BY
 THE AUTHORITY HAVING JURISDICTION (AHJ)



43 INSIDE SET INSIDE 90° CORNER ASSEMBLY
36

NOTE:
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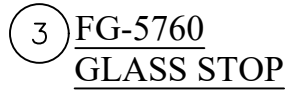
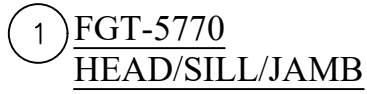
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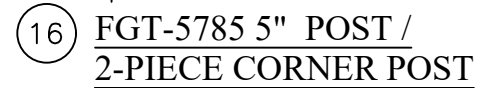
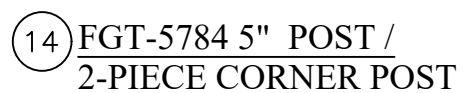
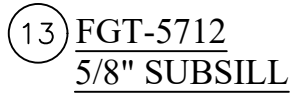
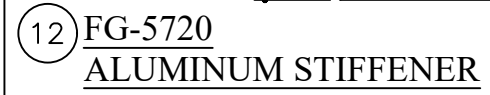
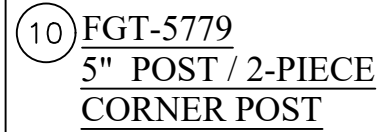
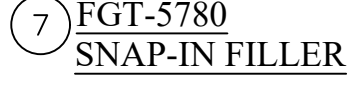
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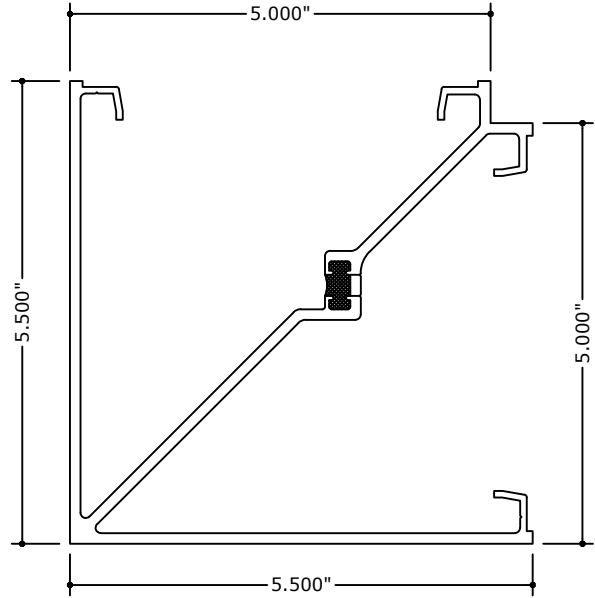
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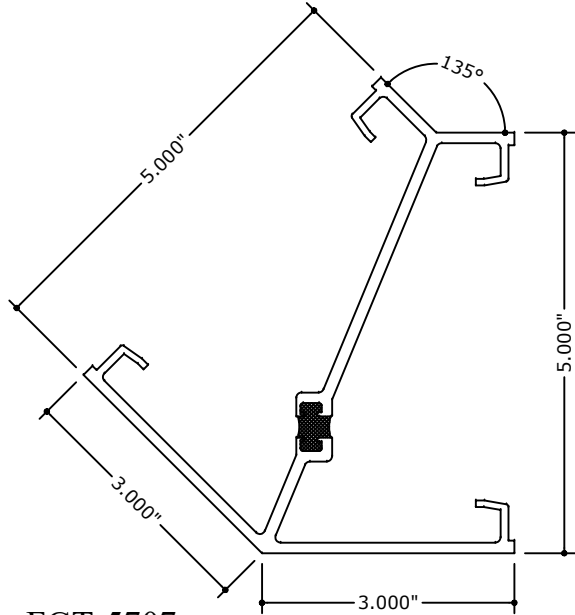
37 OF 41



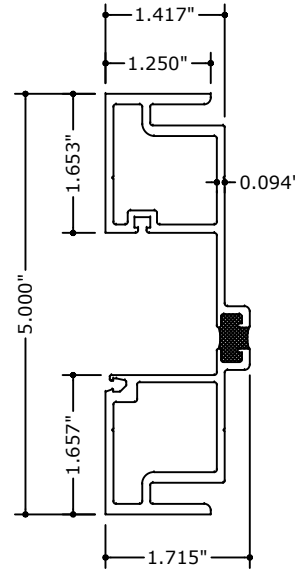
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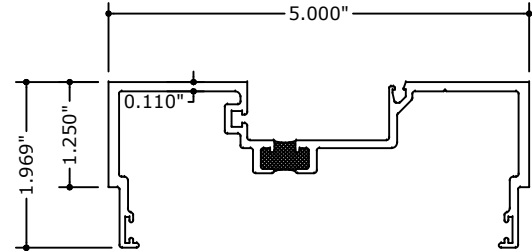
17 FGT-5706
90 DEGREE CORNER POST



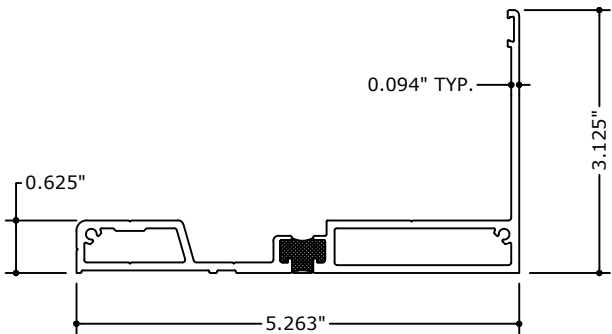
18 FGT-5707
135 DEGREE CORNER POST



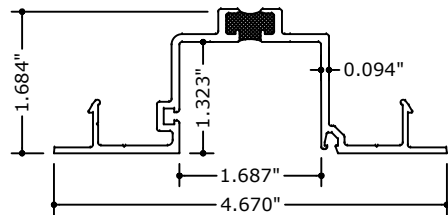
19 FGT-5782
EXPANSION MULLION (FEMALE)



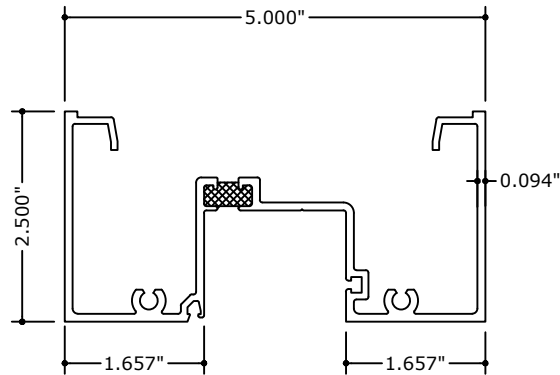
20 FGT-5783
EXPANSION MULLION (MALE)



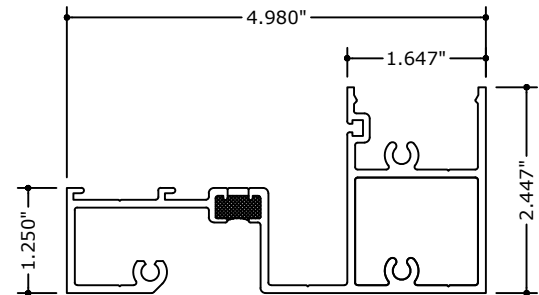
21 FGT-5726
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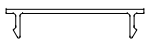
22 FGT-5781
DEEP POCKET FILLER



23 FGT-5786
PRE-GLAZED HEAD



24 FGT-5787
PRE-GLAZED SILL



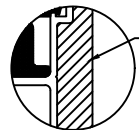
25 FG-5259
PRE-GLAZED SILL FILLER



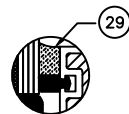
26 FG-5730
EXTERIOR GLAZING GASKET



27 FG-5731
SPACER GASKET



28 SM5601
JOINT TAPE



29 DOWSIL 995
SEALANT



31 FG-5790-02
WATER DIVERter

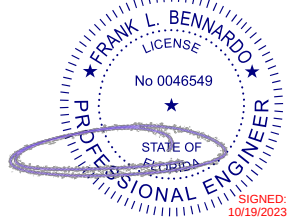


32 FS-8
JOINT FASTENER



33 FS-354
REINFORCEMENT FASTENER

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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REMARKS	DRWN	CHKD	DATE
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FBC 2023 UPDATE	SQ	RS	08/30/23

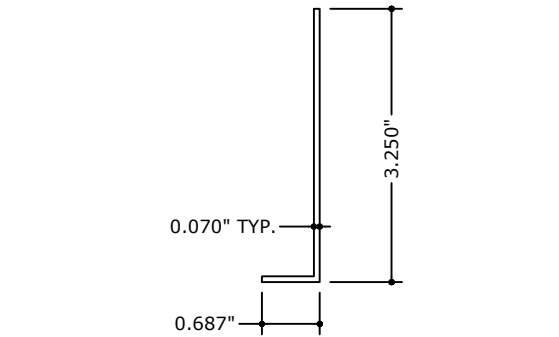
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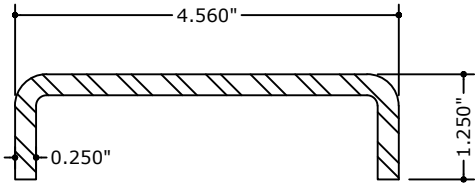
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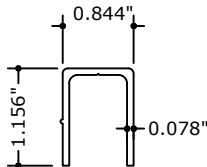
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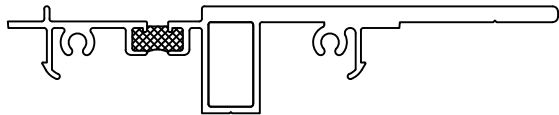
34 AN-104-01 SILL END DAM
FOR USE WITH FGT-5726 SUBSILL



39 FG5000-PP-8
STEEL REINF. AT DOOR JAMB



44 FG-5721-01
SETTING CHAIR



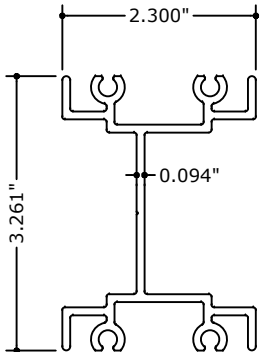
48 FGT-5788-01
PRE-GLAZE HEAD
ANCHOR



35 FG-5732
DRY GLAZE GASKET



40 FS-58
CORNER ASSEMBLY FASTENER



45 FG-5714-01
SHEAR BLOCK



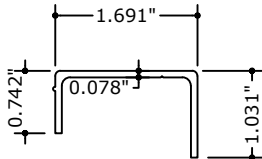
49 FS-56
FG-5714 FASTENER



37 AN-101-01
SILL END DAM
FOR USE WITH
FGT-5712 SUBSILL



41 CH55
U-CHANNEL



46 FG-5723-01
SETTING CHAIR



50 CW-998
EXPANSION
MULL GASKET



38 FS-23
SILL END DAM
FASTENER



42 FS-96
SHEAR BLOCK
FASTENER



47 FS-128
PRE-GLAZE SILL FASTENER

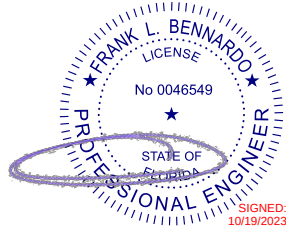


51 FS-27
FASTENER



52 FS-336
FASTENER

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PE# 0046549 CA# 9885



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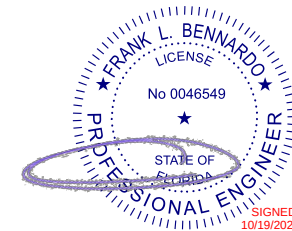
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ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	NOTES
ALUMINUM PARTS					
1	FGT-5770	HEAD/SILL/JAMB	2.500 x 5.000 x 0.094	6063-T6 ALUMINUM	
2	FGT-5772	HORIZONTAL MULLION	2.500 x 4.980 x 0.094	6063-T6 ALUMINUM	
3	FG-5760	GLASS STOP	1.250 x 1.650 x 0.078	6063-T6 ALUMINUM	
4	FGT-5771	HEAD/SILL	2.500 x 4.980 x 0.094	6063-T6 ALUMINUM	
5	FG-5719	PVC FLAT FILLER	0.636 x 4.670 x 0.080	PVC	
6	FG-5715	FLAT FILLER	0.636 x 4.670 x 0.080	6063-T6 ALUMINUM	RUNS FULL LENGTH
7	FGT-5780	SNAP-IN FILLER	0.681 x 4.670 x 0.080	6063-T6 ALUMINUM	
8	FGT-5773	VERTICAL MULLION	2.500 x 5.000 x 0.094	6063-T6 ALUMINUM	
9	FGT-5774	HEAVY MULLION	2.500 x 5.000 x 0.213	6063-T6 ALUMINUM	
10	FGT-5779	5" VERTICAL POST	5.000 x 4.941 x 0.110	6063-T6 ALUMINUM	
11	FGT-5778	5" VERTICAL POST	4.941 x 5.000 x 0.110	6063-T6 ALUMINUM	
12	FG-5720	ALUMINUM STIFFENER	4.500 x 1.9375 x 0.250	6063-T6 ALUMINUM	MAXIMUM LENGTH OF 144"
13	FGT-5712	5/8" SUBSILL	5.276 x 2.750 x 0.100	6063-T6 ALUMINUM	
14	FGT-5784	5" CORNER POST	5.000 x 4.940 x 0.110	6063-T6 ALUMINUM	
15	FG-5713	VERTICAL DOOR MULLION W/ SIDELITE	2.500 x 5.000 x 0.125	6063-T6 ALUMINUM	
16	FGT-5785	5" CORNER POST	5.000 x 4.940 x 0.110	6063-T6 ALUMINUM	
17	FGT-5706	90° CORNER MULLION	5.500 X 5.500 X 0.125	6063-T6 ALUMINUM	
18	FGT-5707	135° CORNER MULLION	3.000 x 5.000 x 0.125	6063-T6 ALUMINUM	
19	FGT-5782	EXPANSION MULLION (FEMALE)	1.715 x 5.000 x 0.094	6063-T6 ALUMINUM	
20	FGT-5783	EXPANSION MULLION (MALE)	1.969 x 5.000 x 0.110	6063-T6 ALUMINUM	
21	FGT-5726	5/8" SUBSILL	5.263 x 3.125 x 0.940	6063-T6 ALUMINUM	
22	FGT-5781	DEEP POCKET FILLER	0.681 x 4.670 x 0.080	6063-T6 ALUMINUM	
23	FGT-5786	PRE-GLAZE HEAD	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	
24	FGT-5787	PRE-GLAZE SILL	2.446 X 5.000 X 0.094	6063-T6 ALUMINUM	
25	FG-5259	PRE-GLAZE SILL FILLER	.344 X 1.638 X 0.050	6063-T5 ALUMINUM	

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(972) 551-6100

FG-5750T STORMMAX® THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.3)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE WAS 20-29229)	JEM	AJP	09/17/20
FEC 2023 UPDATE	SQ	RS	08/30/23
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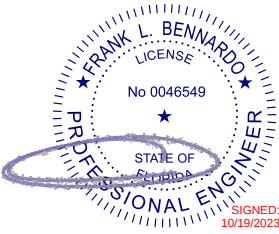
SCALE: NTS UNLESS NOTED

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10/19/2023 12:04 PM SAM

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



FL

OCTOBER 19, 2023

BILL OF MATERIALS					
ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	NOTES
ACCESSORY PARTS					
26	FG-5730	EXTERIOR GLAZING GASKET	0.518" x 0.507"	EPDM	
27	FG-5731	SPACER GASKET	0.194" x 0.375"	SILICONE	
28	SM5601	JOINT SEALANT TAPE	0.500 x 0.125 x VARIES	POLYISOBUTYLENE	
29	DOWSIL 995	STRUCTURAL SEALANT	--	SILICONE	FOR WET GLAZING AND FRAME ASSEMBLY
30	FG-5743	SETTING BLOCK	1.468 x 0.688 x 4.000	SILICONE	2 PER LITE
31	FG-5790-02	WATER DIVERTER	1.38" x 1.38" x 0.062" x 1.344" LONG	INJECTION MOLDED PLASTIC	AT EACH END OF INTERMEDIATE HORIZONTALS
32	FS-8	FASTENER	#14 x 1" HHSTS	STEEL	SCREW SPLINE SCREW, ALUMINUM REINFORCEMENT SCREW
33	FS-354	FASTENER	#1/4-20 x 3/8" HEXHEAD TYPE F	STEEL	REINFORCEMENT SCREW, 1-1/4" FROM EACH END
34	AN-104-01	SILL FLASHING END DAM	3.250" x 0.687" x 0.006" x 5.2188" LONG	6063-T6 ALUMINUM	
35	FG-5732	DRY GLAZE GASKET	0.28" x 0.594"	EPDM	
36	DOWSIL 795	PERIMETER SEALANT	--	SILICONE	
37	AN-101-01	SILL FLASHING END DAM	2.688 x 0.625 x 0.063 x 5.125	6063-T6 ALUMINUM	FOR USE WITH FGT-5712 SUBSILL
38	FS-23	FASTENER	#6 x 3/8" PPH	STEEL	ATTACH END DAM TO SUBSILL
39	FG5000-PP-8	STEEL REINF. AT DOOR JAMB	4.560 x 1.250 x 0.250	STEEL	USED AT DOOR JAMBS
40	FS-58	FASTENER	#10 x 1" PHILLIPS FLAT HEAD	STAINLESS STEEL	USED AT CORNERS
41	CH55	U-CHANNEL	1.000 x 1.593 x 0.125"	6063-T6 ALUMINUM	
42	FS-96	FASTENER	#12 x 2-1/2" PPH SMS A pt	STEEL	SHEAR BLOCK SCREW
43	FG-5763	SETTING BLOCK	0.579 x 0.250 x 1.500	SILICONE	
44	FG-5721-01	SETTING CHAIR	0.824" x 1.158" x 0.078" x 4.000" LONG	6063-T6 ALUMINUM	2 PER LITE, 4" LONG
45	FG-5714-01	SHEAR BLOCK	2.292" x 3.294" x 0.094" x 2.000" LONG	6063-T6 ALUMINUM	2" IN LENGTH
46	FG-5723-01	SETTING CHAIR	1.031" x 1.645" x 0.078" x 4.000" LONG	6063-T6 ALUMINUM	2 PER LITE, 4" LONG
47	FS-128	FASTENER	5/16"x24x 2" HEX WASHER HEAD	STEEL	(2) FASTENERS PER SIDE (1 ½" AND 4 ½" ON EACH SIDE OF MULLION)
48	FGT-5788-01	PRE-GLAZE HEAD ANCHOR	6.539" x 1.271" x 0.078" x 8.000" LONG	6063-T6 ALUMINUM	
49	FS-56	FASTENER	#10 X 1/2" UCPFH SMS	STAINLESS STEEL	
50	CW-998	BULB GASKET	0.270" x 0.250"	EPDM	
51	FS-27	FASTENER (SILL-TO-SUBSILL)	#12 x 1/2" PPH SMS A pt	STEEL	(4) FASTENERS PER SIDE (2" FROM MULLION & 2" O.C.)
52	FS-336	FASTENER	1/4-20 x 1-1/8" HWH KWIKFLEX		(2) FASTENERS PER SIDE (1 ½" AND 4 ½" ON EACH SIDE OF MULLION)
53	DOWSIL 995	STRUCTURAL SEALANT	--	SILICONE	FOR WET GLAZING AND FRAME ASSEMBLY

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