

Oldcastle BuildingEnvelope®
FG-5750 STORMMAX® STOREFRONT
NON-THERMAL IGU IMPACT STOREFRONT SYSTEM
LARGE AND SMALL MISSILE (WET AND DRY GLAZED)
FOR HIGH VELOCITY HURRICANE ZONES

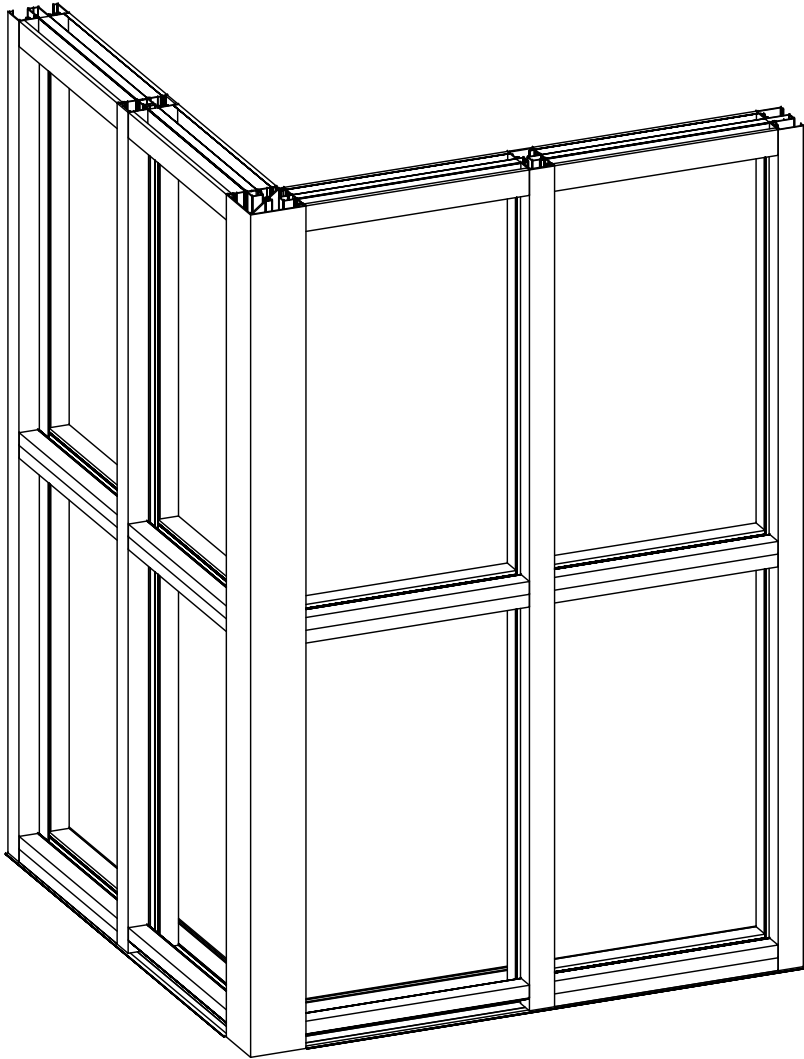
TERMINOLOGY:

THE FOLLOWING ABBREVIATIONS APPEAR IN THIS APPROVAL:
"FBC" FOR "FLORIDA BUILDING CODE", "CORP." FOR "CORPORATION", "ALUM" FOR "ALUMINUM", "ASD" FOR "ALLOWABLE STRESS DESIGN", "ASTM" FOR "AMERICAN SOCIETY FOR TESTING AND MATERIALS", "CONN" FOR "CONNECTION", "EMBED" FOR "EMBEDMENT", "DIST." FOR "DISTANCE", "GA" FOR "GAUGE", "HVHZ" FOR "HIGH-VELOCITY HURRICANE ZONE", "LB" FOR "POUND", "MAX" FOR "MAXIMUM", "N.T.S." FOR "NOT TO SCALE", "PSF" FOR "POUNDS PER SQUARE FOOT (lb/ft²)", "KSI" FOR "KILOPOUNDS PER SQUARE INCH (klb/in²)", "SPECS" FOR "SPECIFICATIONS", "&" FOR "AND", "MAX" FOR "MAXIMUM", "W/" FOR "WITH", "EXIST." FOR "EXISTING", "STRUCT." FOR "STRUCTURE", "SHT" FOR "SHEET", "REF" FOR "REFERENCE", "D.L.O" FOR "DAYLIGHT OPENING".
CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

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42-43	BILL OF MATERIALS
43	TOTAL



GENERAL NOTES:

- THE SYSTEM AND GLASS TYPES DESCRIBED HEREIN COMPLY AND HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 9TH EDITION (2026) PER
 - ASTM E330, E331, E283
 - TAS 201 / 202 / 203
 - AAMA 501
 - ANSI Z97.1 (400 ft-lb. IMPACT)
 - ALUMINUM DESIGN MANUAL 2020, ASCE 7-22
- FOR USE **WITHIN AND OUTSIDE** THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- GLASS UNIT(S) SHALL ME THE REQUIREMENTS OF ASTM E-1300.
- DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.7.2 BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
- REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.
- ENGINEER SEAL AFFIXED HERETO VALIDATE STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- PRESSURE VALUES ON THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION)
- IF SLOPED GLAZING IS NEEDED, IT SHALL BE ALLOWED UNDER SITE SPECIFIC ENGINEERING. DESIGN MUST BE CHECKED AND APPROVED BY A PROFESSIONAL ENGINEER AND THE MANUFACTURER(S).
- UNITS SHALL BE LABELED IN ACCORDANCE WITH THE FLORIDA BUILDING COMMISSION AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATION.
- FOR PERMANENT OUTDOOR INSTALLATIONS, ALL EXPOSED ANCHORS, FASTENERS, CONNECTORS, AND METAL PLATES SHALL BE CORROSION RESISTANT. CORROSION RESISTANCE MAY BE PROVIDED BY INHERENT MATERIAL COMPOSITION OR, WHERE PERMITTED BY CODE, BY AN APPROVED PROTECTIVE COATING OR GALVANIZATION. WHERE APPLICABLE NEAR A SALTWATER COASTLINE, SUCH COMPONENTS SHALL COMPLY WITH FBC SECTION 1711, INCLUDING APPLICABLE REQUIREMENTS FOR EXPOSED, PROTECTED, OR ENCLOSED CONDITIONS. MATERIALS, COATINGS, AND FINISHES SHALL BE COMPATIBLE WITH CONNECTED MATERIALS, AND PROTECTIVE COATINGS SHALL BE CONTINUOUS OVER EXPOSED SURFACES. FASTENERS USED WITH ALUMINUM MEMBERS SHALL ALSO COMPLY WITH SECTION J.3.7.2 OF THE ALUMINUM DESIGN MANUAL, "SPECIFICATION FOR ALUMINUM STRUCTURES." SUBSTITUTION OF COMPONENTS FROM ALTERNATE MANUFACTURERS, OR WITH DIFFERENT MATERIALS, COATINGS, OR FINISHES, SHALL NOT BE ASSUMED EQUIVALENT AND MAY REQUIRE ADDITIONAL ENGINEERING REVIEW OR SITE-SPECIFIC ANALYSIS.

DESIGN PRESSURE

- WATER INFILTRATION 15 PSF
- AIR INFILTRATION 6.24 PSF
- MAXIMUM DESIGN PRESSURE = +70/-80 PSF
- ALL ALUMINUM EXTRUSIONS SHALL BE MADE FROM 6063-T6 ALLOY AND TEMPER.
- THIS PRODUCT HAS BEEN DESIGNED, ENGINEERED AND TESTED TO COMPLY WITH CURRENT FLORIDA BUILDING CODE.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF CURRENT FLORIDA BUILDING CODE.

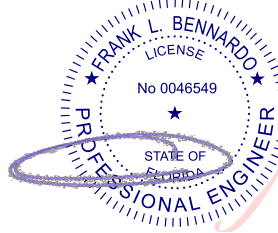
VISIT [ECALC.IO/101133](https://ecalculator.com/101133)

FOR SITE-SPECIFIC DEVIATIONS
& MORE INFORMATION ABOUT THIS DOCUMENT
OR SCAN THIS QR CODE

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FOR ADDITIONAL PLANS, REPORTS & RESOURCES



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PE# 0046549 CA# 9885



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Frank Bennardo
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AUGUST 13, 2026

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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

DATE	CHKO	DRWN	REMARKS
09/17/20	AJP	JEM	INIT ISSUE (WAS 20-29229)
08/30/23	RS	SQ	2023 FBC (23-598666)
08/13/26	RS	AEG	2026 FBC UPDATE

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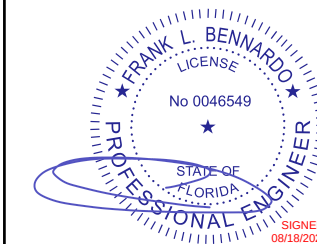
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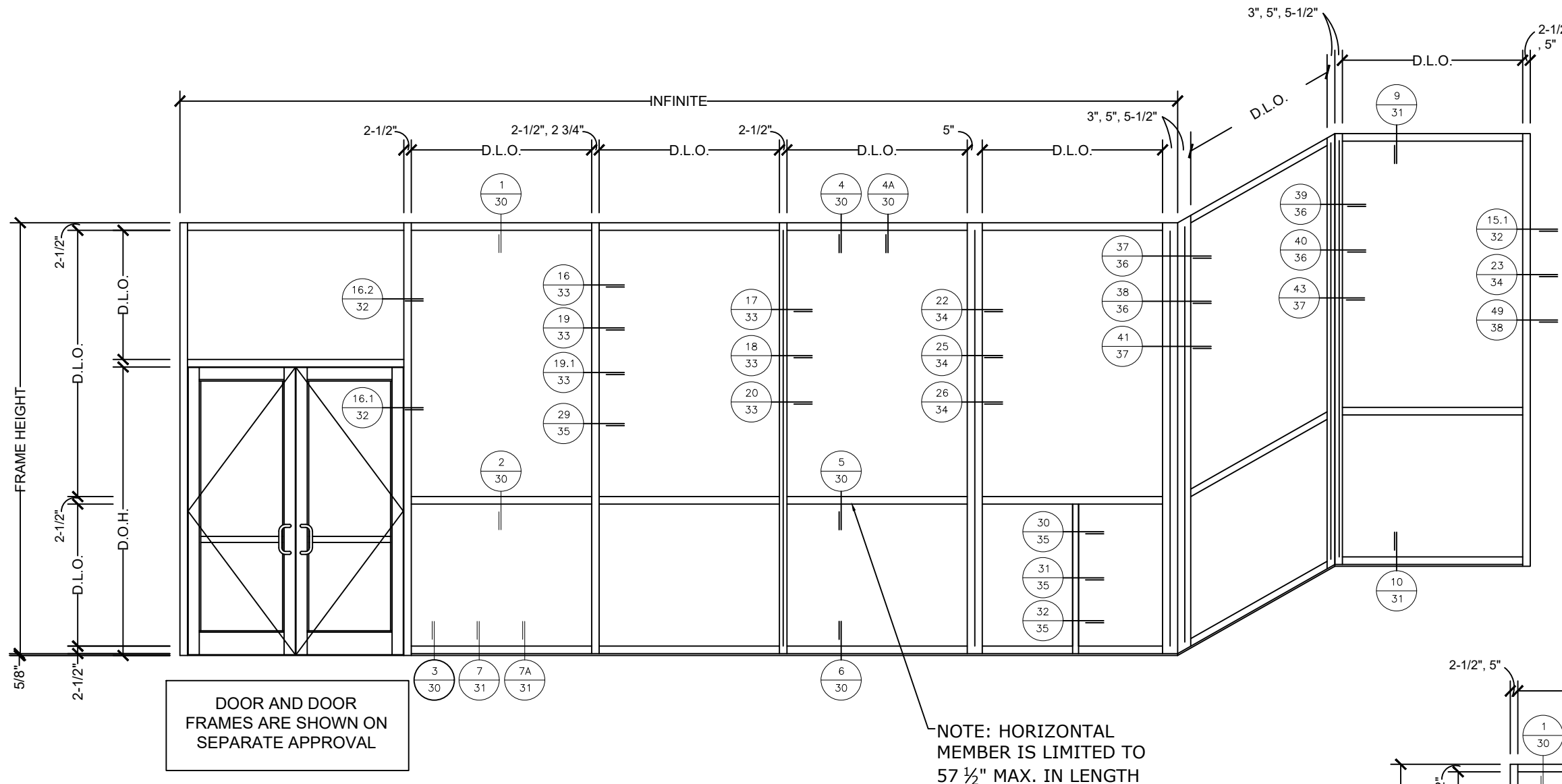
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OUTSIDE DRY AND WET GLAZED ELEVATIONS (DEPICTED WITH FG-5712 SUB SILL)

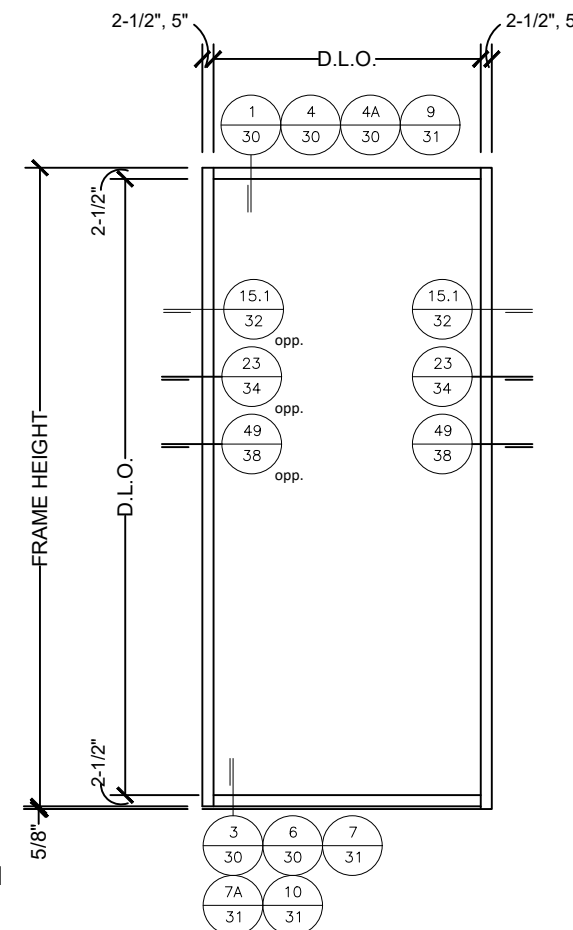
INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

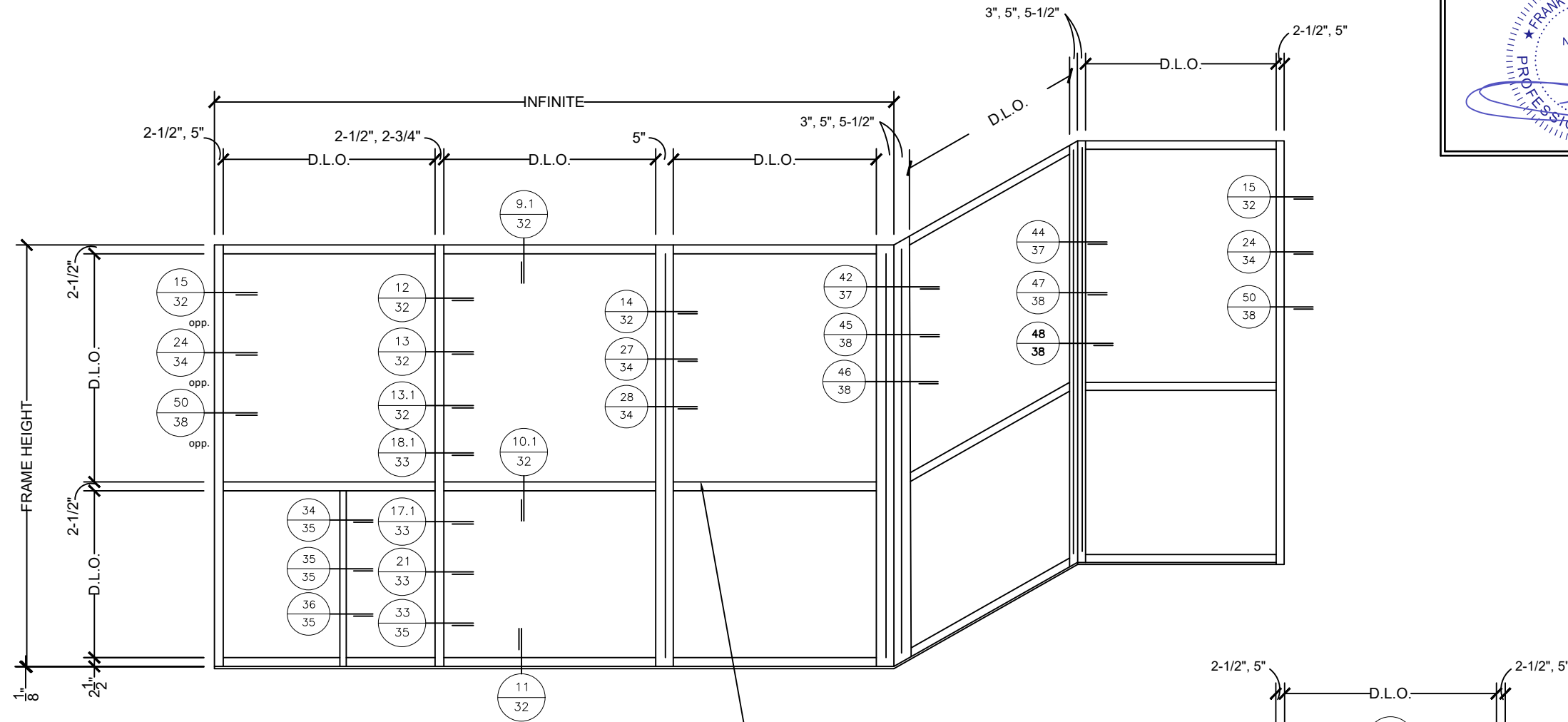
- STEP ①: USE THE GLASS LOADING TABLES TO DETERMINE THE ALLOWABLE PRESSURE OF THE GLASS.
- STEP ②: USE THE MULLION LOADING TABLE TO DETERMINE THE ALLOWABLE PRESSURES FOR THE MULLIONS
NOTE: TO DETERMINE THE LOADS OF THE MULLIONS, SEE DIAGRAM ON PAGE 12
- STEP ③: THE MINIMUM VALUE BETWEEN STEP ① AND STEP ② WILL DETERMINE THE DESIGN LOAD PRESSURE FOR THE STOREFRONT SYSTEM.
- STEP ④: LESSER OF SILL / HEAD ALLOWABLE PRESSURE (PAGES 30-32) 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"

TYPICAL SINGLE PANEL OPENING

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





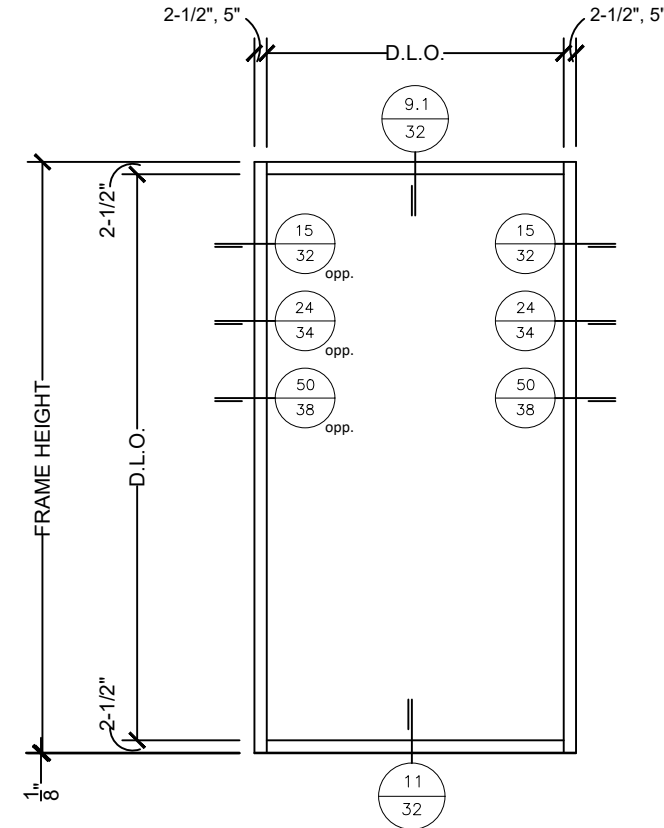
**INSIDE DRY GLAZED ELEVATIONS
(DEPICTED WITH FG-5180 SUB SILL)
(LARGE AND SMALL MISSILE)**

NOTE: HORIZONTAL
MEMBER IS LIMITED TO
57 1/2" MAX. IN LENGTH.

INSTRUCTIONS TO DETERMINE DESIGN PRESSURE RATING

- 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 27-29) 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"



TYPICAL SINGLE PANEL OPENING

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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GLASS TYPES (L.M.I.) OUTSIDE GLAZED - MISSILE LEVEL "D"

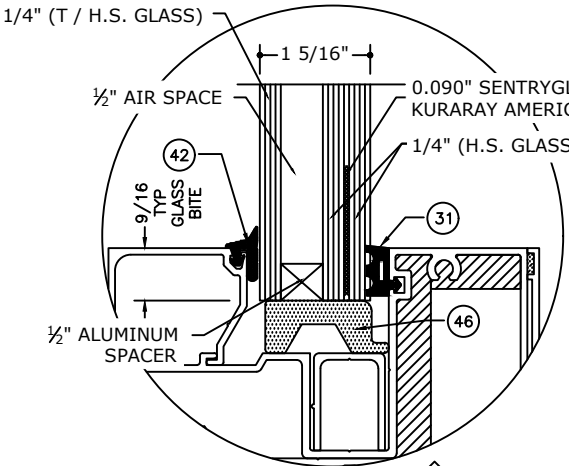
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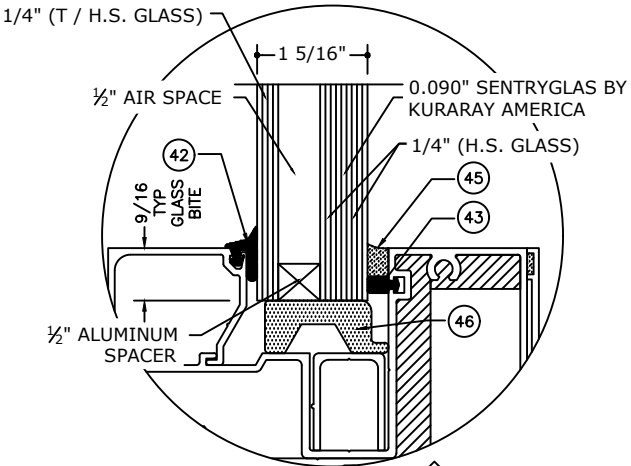
GLASS TYPE G1

GLAZING DETAIL (DRY GLAZED)

N.T.S.

GLASS RATING:

LARGE MISSILE LEVEL D
1 5/16" GLASS



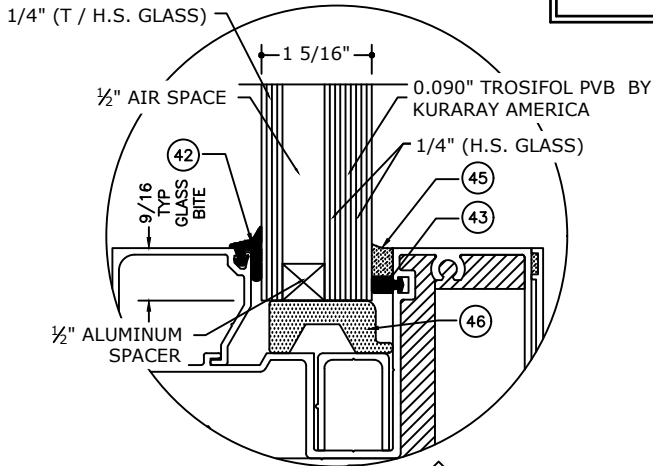
GLASS TYPE G2

GLAZING DETAIL (WET GLAZED)

N.T.S.

GLASS RATING:

LARGE MISSILE LEVEL D
1 5/16" GLASS



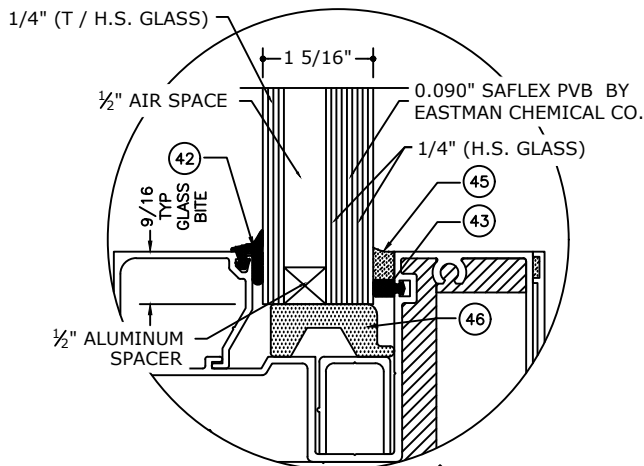
GLASS TYPE G3

GLAZING DETAIL (WET GLAZED)

N.T.S.

GLASS RATING:

LARGE MISSILE LEVEL D
1 5/16" GLASS



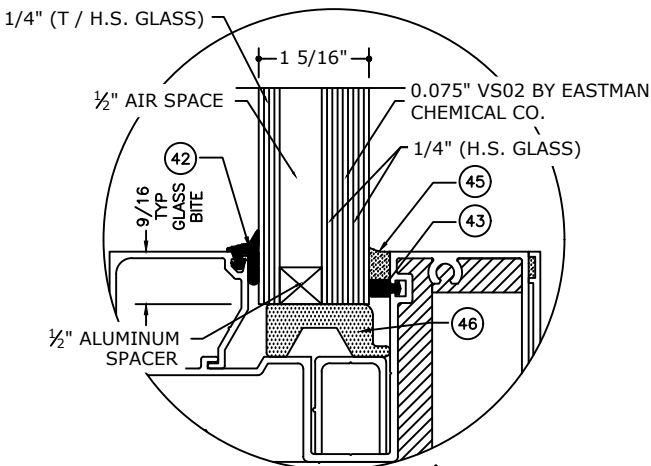
GLASS TYPE G4

GLAZING DETAIL (WET GLAZED)

N.T.S.

GLASS RATING:

LARGE MISSILE LEVEL D
1 5/16" GLASS



GLASS TYPE G5

GLAZING DETAIL (WET 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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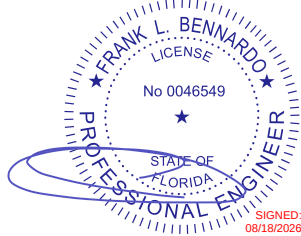
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GLASS TYPE (LMI & S.M.I.) - INSIDE GLAZED

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AUGUST 13, 2026



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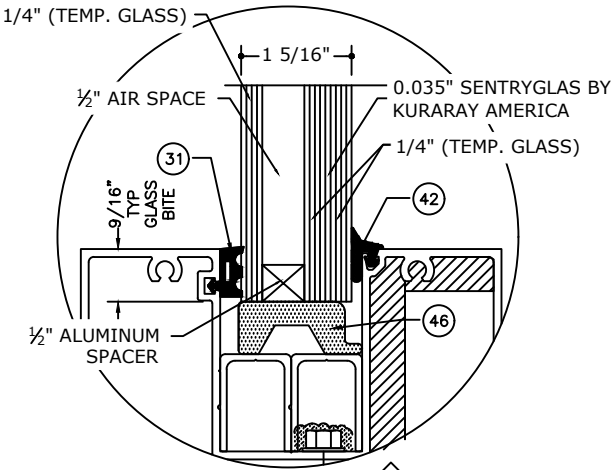
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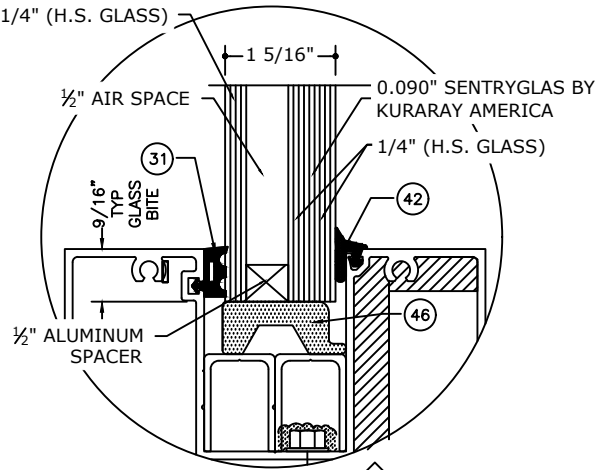
GLASS TYPE **G6**

GLAZING DETAIL (DRY GLAZED)

N.T.S.

GLASS RATING:

SMALL MISSILE
1 5/16" GLASS



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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The diagrams illustrate the internal structure of different glass unit types, showing the arrangement of glass panes, spacers, and sealants. Key components labeled include:

- G1:** 1/4" (T / H.S. GLASS), 1/4" (H.S. GLASS), 0.090" SENTRYGLAS BY KURARAY AMERICA, 1/4" (H.S. GLASS), 1/2" AIR SPACE, 1/2" ALUMINUM SPACER, 9/16" TYP GLASS BITE, 31, 42, 46.
- G2:** 1/4" (T / H.S. GLASS), 1/4" (H.S. GLASS), 0.090" SENTRYGLAS BY KURARAY AMERICA, 1/4" (H.S. GLASS), 1/2" AIR SPACE, 1/2" ALUMINUM SPACER, 9/16" TYP GLASS BITE, 45, 43, 46.
- G3:** 1/4" (T / H.S. GLASS), 1/4" (H.S. GLASS), 0.090" TROSIFOL PVB BY KURARAY AMERICA, 1/4" (H.S. GLASS), 1/2" AIR SPACE, 1/2" ALUMINUM SPACER, 9/16" TYP GLASS BITE, 45, 43, 46.
- G4:** 1/4" (T / H.S. GLASS), 1/4" (H.S. GLASS), 0.090" SAFLEX PVB BY EASTMAN CHEMICAL CO., 1/4" (H.S. GLASS), 1/2" AIR SPACE, 1/2" ALUMINUM SPACER, 9/16" TYP GLASS BITE, 45, 43, 46.
- G5:** 1/4" (T / H.S. GLASS), 1/4" (H.S. GLASS), 0.075" VS02 BY EASTMAN CHEMICAL CO., 1/4" (H.S. GLASS), 1/2" AIR SPACE, 1/2" ALUMINUM SPACER, 9/16" TYP GLASS BITE, 45, 43, 46.

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

1/2" AIR SPACE

0.090" SENTRYGLAS BY KURARAY AMERICA

1/4" (H.S. GLASS)

9/16" TYP GLASS BITE

1/2" ALUMINUM SPACER

GLASS TYPE G1

1/4" (H.S. GLASS)

1/2" AIR SPACE

0.090" SENTRYGLAS BY KURARAY AMERICA

1/4" (H.S. GLASS)

9/16" TYP GLASS BITE

1/2" ALUMINUM SPACER

GLASS TYPE G7

" (T / H.S. GLASS)

1/2" AIR SPACE

0.090" TROSIFOL PVB BY KURARAY AMERICA

1/4" (H.S. GLASS)

9/16" TYP GLASS BITE

1/2" ALUMINUM SPACER

GLASS TYPE G3

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

1/2" AIR SPACE

0.090" SENTRYGLAS BY KURARAY AMERICA

1/4" (H.S. GLASS)

9/16" TYP GLASS BITE

1/2" ALUMINUM SPACER

GLASS TYPE G2

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

1/2" AIR SPACE

0.090" SAFLEX PVB BY EASTMAN CHEMICAL CO.

1/4" (H.S. GLASS)

9/16" TYP GLASS BITE

1/2" ALUMINUM SPACER

GLASS TYPE G4

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

1/2" AIR SPACE

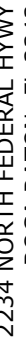
0.075" VS02 BY EASTMAN CHEMICAL CO.

1/4" (H.S. GLASS)

9/16" TYP GLASS BITE

1/2" ALUMINUM SPACER

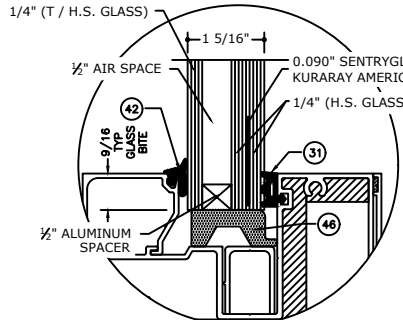
GLASS TYPE G5

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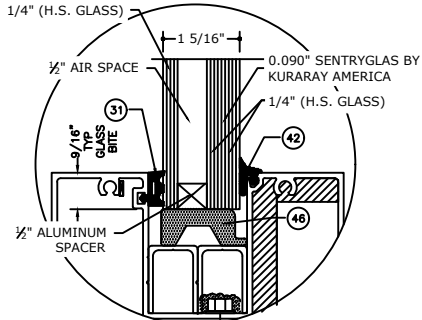
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GLASS LOADING TABLES (L.M.I.)

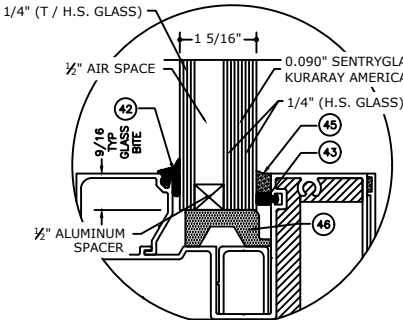
GLASS TYPES		G1G7		G2		G3		G4		G5	
		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
101	24	75	75	75	75	55	55	70	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	-	-	67	77	90	90
	46	75	75	75	75	-	-	-	-	90	90
	48	75	75	75	75	-	-	-	-	90	90
	54	75	75	75	75	-	-	-	-	90	90
	57 1/2	-	-	-	-	-	-	-	-	90	90
108	60	-	-	-	-	-	-	-	-	86	86
	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	-	-	70	80	90	90
	42	75	75	75	75	-	-	-	-	90	90
	46	75	75	75	75	-	-	-	-	90	90
	48	75	75	75	75	-	-	-	-	90	90
	54	-	-	-	-	-	-	-	-	90	90
115	57 1/2	-	-	-	-	-	-	-	-	90	90
	60	-	-	-	-	-	-	-	-	86	86
	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	-	-	70	80	90	90
	42	75	75	75	75	-	-	-	-	90	90
	46	75	75	75	75	-	-	-	-	90	90
	48	75	75	75	75	-	-	-	-	90	90
120	54	-	-	-	-	-	-	-	-	90	90
	57 1/2	-	-	-	-	-	-	-	-	90	90
	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	-	-	70	80	90	90
	42	75	75	75	75	-	-	-	-	90	90
	46	75	75	75	75	-	-	-	-	90	90
	48	-	-	-	-	-	-	-	-	90	90
	54	-	-	-	-	-	-	-	-	90	90



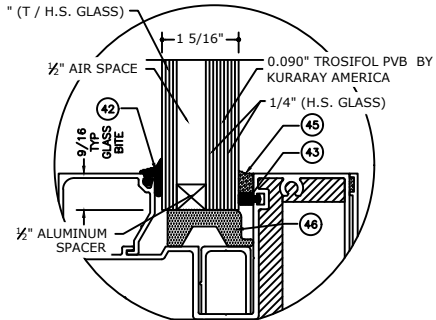
GLASS TYPE G1



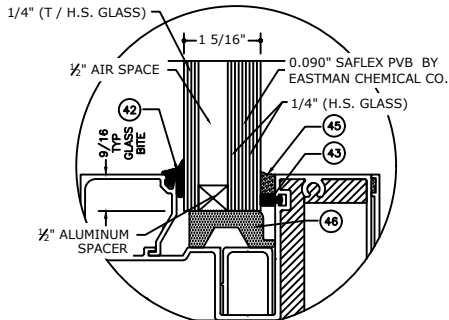
GLASS TYPE G7



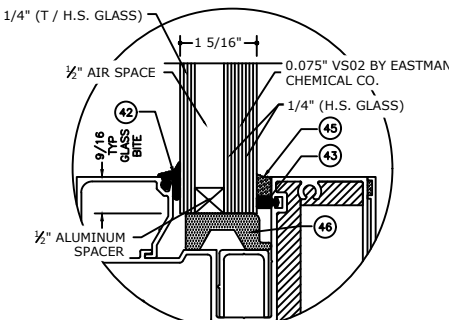
GLASS TYPE G2



GLASS TYPE G3

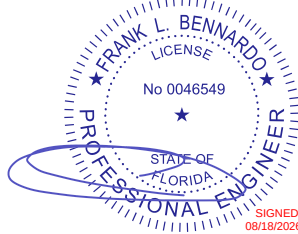


GLASS TYPE G4



GLASS TYPE G5

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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-59866b)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

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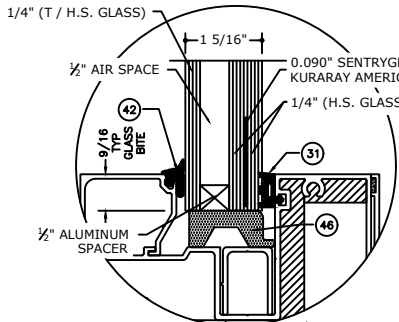
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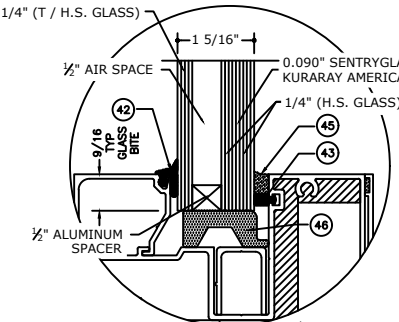
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GLASS LOADING TABLES (L.M.I.)

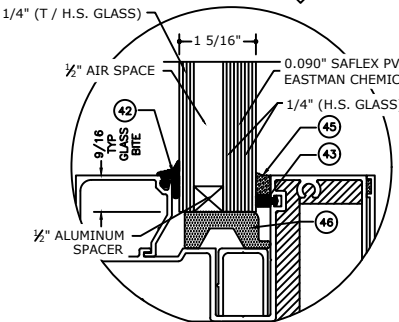
GLASS TYPES		G1G7		G2		G3		G4		G5	
		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE		ALLOWABLE PRESSURE	
D.L.O. HEIGHT (in)	D.L.O. WIDTH (in)	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F	(+) P.S.F	(-) P.S.F
126	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	55	55	70	80	90	90
	36	75	75	75	75	-	-	-	-	90	90
	42	75	75	75	75	-	-	-	-	90	90
	46	-	-	-	-	-	-	-	-	90	90
	48	-	-	-	-	-	-	-	-	90	90
132	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	-	-	70	80	90	90
	36	75	75	75	75	-	-	-	-	90	90
	42	-	-	-	-	-	-	-	-	90	90
	46	-	-	-	-	-	-	-	-	90	90
	48	-	-	-	-	-	-	-	-	90	90
144	24	75	75	75	75	55	55	70	80	90	90
	30	75	75	75	75	-	-	70	80	90	90
	36	75	75	75	75	-	-	-	-	90	90
	42	-	-	-	-	-	-	-	-	90	90



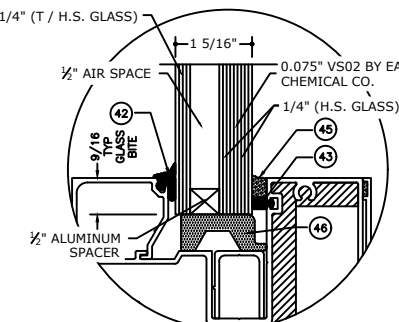
GLASS TYPE G1



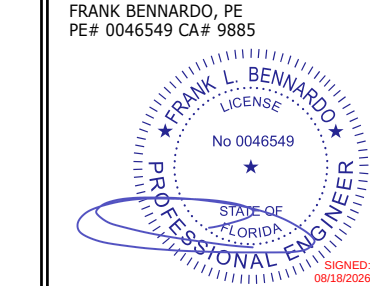
GLASS TYPE G2



GLASS TYPE G4



GLASS TYPE G5



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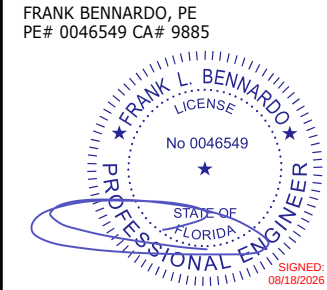
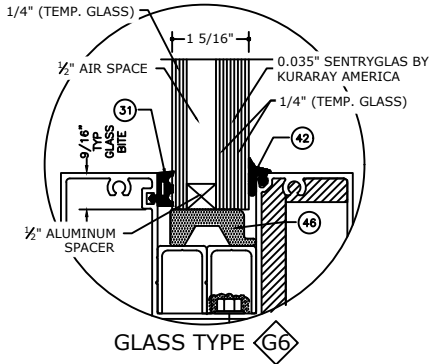
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GLASS LOADING TABLES (S.M.I.)

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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2026 FBC UPDATE	AEG	RS	08/13/26
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-	-	-	-
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-	-	-	-
-	-	-	-

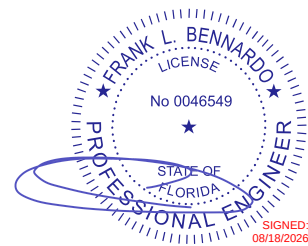
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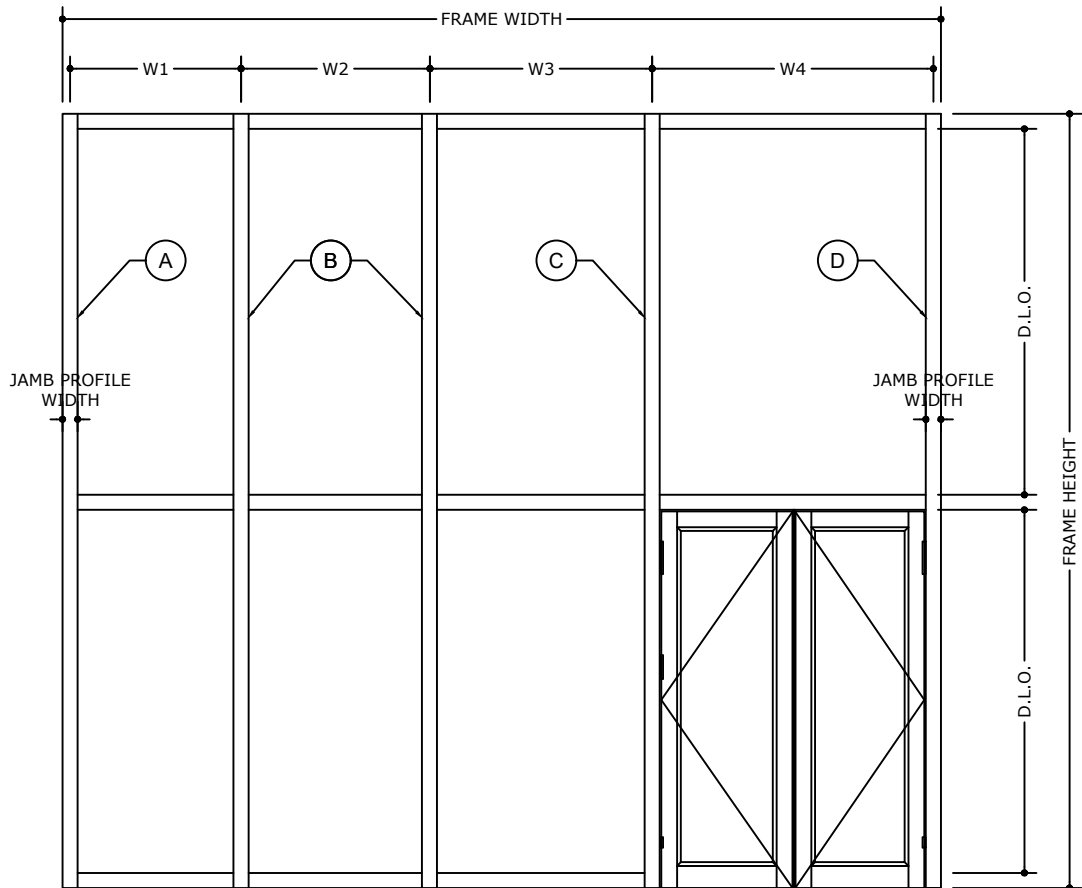
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PE# 0046549 CA# 9885



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MULLION & JAMB LOAD DETERMINATION



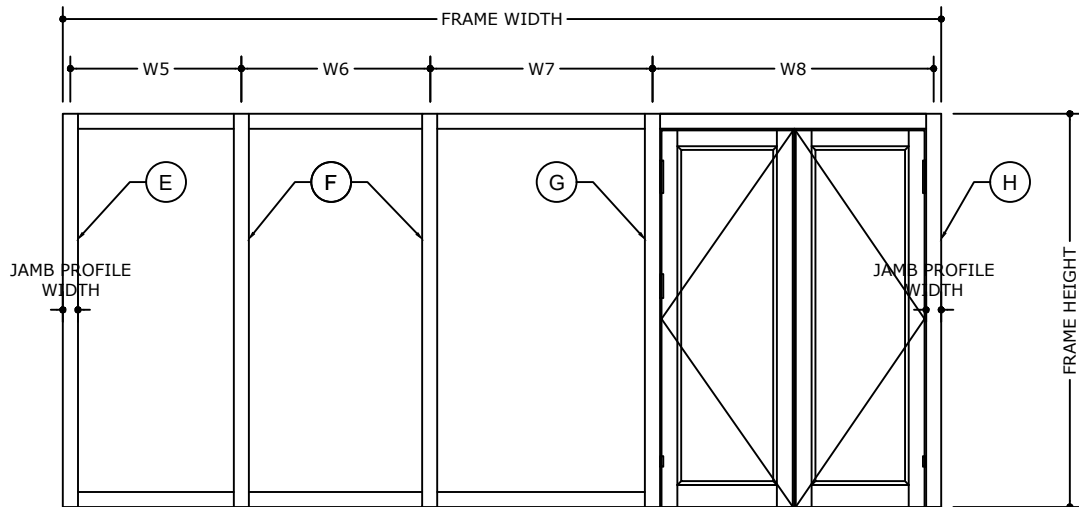
LOAD DETERMINATION

TRIBUTARY WIDTH A = $\frac{W1}{2} + \frac{\text{JAMB PROFILE WIDTH}}{2}$
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH B = LARGER OF $\frac{W1 + W2}{2}$ OR $\frac{W2 + W3}{2}$
(FOR STANDARD MULLION)

TRIBUTARY WIDTH C = $\frac{W3 + W4}{2}$
(FOR INTERMEDIATE DOOR MULLION)

TRIBUTARY WIDTH D = $\frac{W4}{2} + \frac{\text{JAMB PROFILE WIDTH}}{2}$
(FOR DOOR JAMB MULLION)



LOAD DETERMINATION

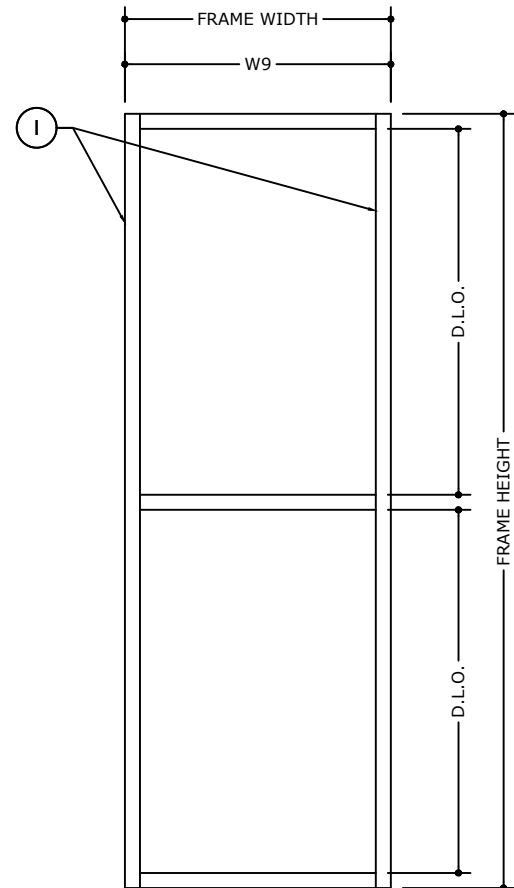
TRIBUTARY WIDTH E = $\frac{W5}{2} + \frac{\text{JAMB PROFILE WIDTH}}{2}$
(FOR STANDARD JAMB MULLION)

TRIBUTARY WIDTH F = LARGER OF $\frac{W5 + W6}{2}$ OR $\frac{W6 + W7}{2}$
(FOR STANDARD MULLION)

TRIBUTARY WIDTH G = $\frac{W7}{2} + \frac{W8}{4}$
(FOR INTERMEDIATE DOOR MULLION)

TRIBUTARY WIDTH H = $\frac{W8}{4} + \frac{\text{JAMB PROFILE WIDTH}}{2}$
(FOR DOOR JAMB MULLION)

A	E	I	JAMB MULLION
B	F		STANDARD MULLION
C	G		DOOR JAMB INTERMEDIATE MULLION
D	H		DOOR JAMB MULLION



LOAD DETERMINATION

TRIBUTARY WIDTH I = $\frac{W9}{2}$
(FOR STANDARD JAMB MULLION)

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REMARKS	DRWN	CHKO	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
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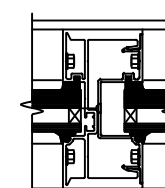
OF
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FL 20665.2

SINGLE SPAN JAMB LOADING CHART		MULLION TYP	
		J1	
FRAME HEIGHT (in)	FRAME WIDTH (in)	(+) P.S.F	(-) P.S.
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
	66	90	90
48	24	90	90
	30	90	90
	36	90	90
	42	90	90
	44.75	90	90
	48	90	90
50	24	90	90
	30	90	90
	36	90	90
	42	90	90
	44.75	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

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



M10

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[illegible]**SCALE: NTS UNLESS NOTED**

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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

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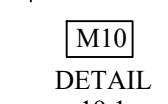
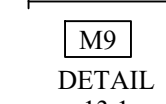
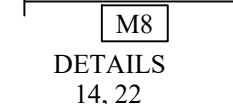
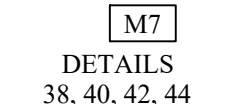
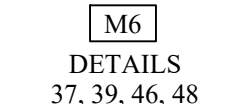
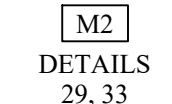
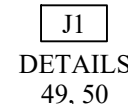
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- APPLICABLE FOR UN-ANCHORED JAMB CONDITION ONLY
- JAMB TRIBUTARY SHALL BE DETERMINED PER SHEET 12 FOR SINGLE UNIT OR MULTI-UNITS STOREFRONT





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



DETAILS
29, 33



DETAILS
13, 19



DETAILS
20, 21



DETAILS
18, 18.1



DETAILS
37, 39, 46, 48



DETAILS
38, 40, 42, 44



DETAILS
14, 22



M9
DETAIL
13.1



DETAIL
19.1

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	FL
SIGNED: 08/18/2026	

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M4
DETAILS
20, 21

M5
DETAILS
18, 18.1

M6
DETAILS
37, 39, 46, 48

M7
DETAILS
38, 40, 42, 44

M8
DETAILS
14, 22

M9
DETAIL
13.1

M10
DETAIL
19.1

M11
DETAIL
13.2 & 13.3

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
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2026 FBC UPDATE	AEG	RS	08/13/26
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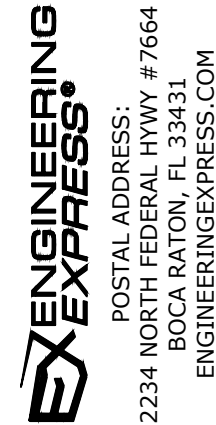
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2023 FBC (23-59866b)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
-	-	-	-
-	-	-	-

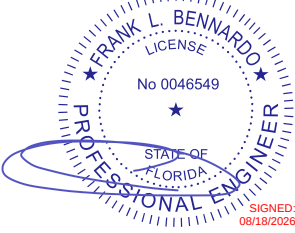
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE A

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



SIGNED:
08/18/2026

FL

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.

FL 20665.2



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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-59866b)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

26-101133

SCALE: NTS UNLESS NOTED

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

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 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)
84	24	64	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	42	42"O.C.	85	42"O.C.	90	28"O.C.	90	28"O.C.	90	28"O.C.	90	28"O.C.	90	28"O.C.
	48	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.
	60	25	42"O.C.	51	42"O.C.	77	28"O.C.	90	21"O.C.	90	21"O.C.	90	21"O.C.	90	21"O.C.
	72	21	42"O.C.	42	42"O.C.	64	28"O.C.	85	21"O.C.	90	17"O.C.	90	17"O.C.	90	17"O.C.
	78	19	42"O.C.	39	42"O.C.	59	28"O.C.	79	21"O.C.	90	17"O.C.	90	17"O.C.	90	17"O.C.
96	24	56	48"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.	90	48"O.C.
	36	37	48"O.C.	75	48"O.C.	90	32"O.C.	90	32"O.C.	90	32"O.C.	90	32"O.C.	90	32"O.C.
	48	28	48"O.C.	56	48"O.C.	84	32"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	60	22	48"O.C.	45	48"O.C.	67	32"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	72	18	48"O.C.	37	48"O.C.	56	32"O.C.	75	24"O.C.	90	19"O.C.	90	19"O.C.	90	19"O.C.
	78	17	48"O.C.	34	48"O.C.	51	32"O.C.	69	24"O.C.	86	19"O.C.	90	16"O.C.	90	16"O.C.
108	24	50	54"O.C.	90	54"O.C.	90	54"O.C.	90	54"O.C.	90	54"O.C.	90	54"O.C.	90	54"O.C.
	36	33	54"O.C.	66	54"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.	90	36"O.C.
	48	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.
	60	20	54"O.C.	40	54"O.C.	60	36"O.C.	80	27"O.C.	90	22"O.C.	90	22"O.C.	90	22"O.C.
	72	16	54"O.C.	33	54"O.C.	50	36"O.C.	66	27"O.C.	83	22"O.C.	90	18"O.C.	90	18"O.C.
	78	15	54"O.C.	30	54"O.C.	46	36"O.C.	61	27"O.C.	76	22"O.C.	90	18"O.C.	90	18"O.C.
120	24	45	60"O.C.	90	60"O.C.	90	60"O.C.	90	60"O.C.	90	60"O.C.	90	60"O.C.	90	60"O.C.
	36	30	60"O.C.	60	60"O.C.	90	40"O.C.	90	40"O.C.	90	40"O.C.	90	40"O.C.	90	40"O.C.
	48	22	60"O.C.	45	60"O.C.	67	40"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.	90	30"O.C.
	60	18	60"O.C.	36	60"O.C.	54	40"O.C.	72	30"O.C.	90	24"O.C.	90	24"O.C.	90	24"O.C.
	72	15	60"O.C.	30	60"O.C.	45	40"O.C.	60	30"O.C.	75	24"O.C.	90	20"O.C.	90	20"O.C.
	78	13	60"O.C.	27	60"O.C.	41	40"O.C.	55	30"O.C.	69	24"O.C.	83	20"O.C.	90	17"O.C.

REMARKS
INIT ISSUE (WAS 20-29229)
2023 FBC (23-598666)
2026 FBC UPDATE

DRWN CHKO
JEM AJP
SQ RS
AEG RS

DATE
09/17/20
08/30/23
08/13/26

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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.

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

SIGNED:
08/18/2026

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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
	-	-	-
	-	-	-

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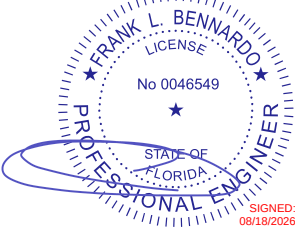
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE B

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



SIGNED:
08/18/2026

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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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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
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2023 FBC (23-59866b)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
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2026 FBC UPDATE	AEG	RS	08/13/26

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43

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.

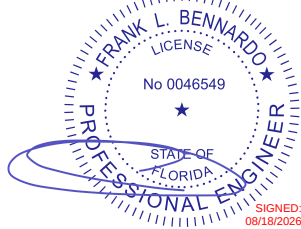
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WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE B

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.

FRANK BENNARDO, PE
PE# 0046549 CA# 9885

AUGUST 13, 2026



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(972) 551-6100

FG-5750 STORMMAX® NON-THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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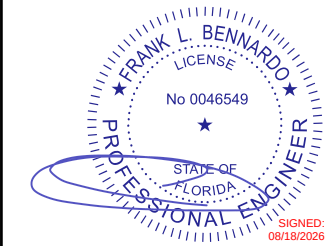
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE C

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.

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



AUGUST 13, 2026

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FG-5750 STORMMAX® NON-THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

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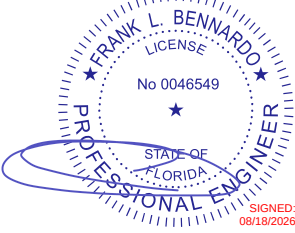
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MAXIMUM ALLOWABLE STRESS DESIGN PRESSURE RATING FOR STANDARD MULLIONS
WITH HEAD, SILL AND JAMB CONNECTIONS-ANCHOR TYPE C

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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FL 20665.2

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.



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FG-5750 STORMMAX® NON-THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

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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 BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS
INIT ISSUE (WAS 20-29229)
2023 FBC (23-598666)
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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

SIGNED:
08/18/2026

FL

AUGUST 13, 2026

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)
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.	90	18" O.C.
	36	68	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.
	48	51	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.
	60	41	18" O.C.	82	18" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
	72	34	18" O.C.	68	18" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
	78	31	18" O.C.	63	18" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
48	24	77	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.
	36	51	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.
	48	38	24" O.C.	77	24" O.C.	90	16" O.C.	90	16" O.C.	90	16" O.C.	90	16" O.C.	90	16" O.C.
	60	31	24" O.C.	62	24" O.C.	90	16" O.C.	90	16" O.C.	90	16" O.C.	90	16" O.C.	90	16" O.C.
	72	25	24" O.C.	51	24" O.C.	77	16" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
	78	23	24" O.C.	47	24" O.C.	71	16" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
60	24	62	30" O.C.	90	30" O.C.	90	30" O.C.	90	30" O.C.	90	30" O.C.	90	30" O.C.	90	30" O.C.
	36	41	30" O.C.	82	30" O.C.	90	20" O.C.	90	20" O.C.	90	20" O.C.	90	20" O.C.	90	20" O.C.
	48	31	30" O.C.	62	30" O.C.	90	20" O.C.	90	20" O.C.	90	20" O.C.	90	20" O.C.	90	20" O.C.
	60	24	30" O.C.	49	30" O.C.	74	20" O.C.	90	15" O.C.	90	15" O.C.	90	15" O.C.	90	15" O.C.
	72	20	30" O.C.	41	30" O.C.	62	20" O.C.	82	15" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
	78	19	30" O.C.	38	30" O.C.	57	20" O.C.	76	15" O.C.	90	12" O.C.	90	12" O.C.	90	12" O.C.
72	24	51	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.	90	36" O.C.
	36	34	36" O.C.	68	36" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.	90	24" O.C.
	48	25	36" O.C.	51	36" O.C.	77	24" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.	90	18" O.C.
	60	20	36" O.C.	41	36" O.C.	62	24" O.C.	82	18" O.C.	90	14" O.C.	90	14" O.C.	90	14" O.C.
	72	17	36" O.C.	34	36" O.C.	51	24" O.C.	68	18" O.C.	86	14" O.C.	90	12" O.C.	90	12" O.C.
	78	15	36" O.C.	31	36" O.C.	47	24" O.C.	63	18" O.C.	79	14" O.C.	90	12" O.C.	90	12" O.C.

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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-20229)	JEM	AJP	09/17/20
2023 FBC (23-59866b)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

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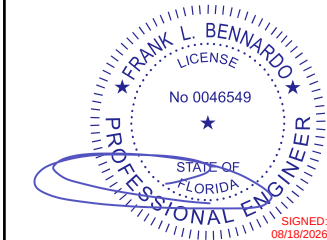
27 OF 43

Z:\Shared\PROJECTS\26-126-101132 2026 Multiple Product FBC Update FL20665\Work\FBC 2026\DL-QA-PE Review

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

AUGUST 13, 2026



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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.

FRANK BENNARDO, PE PE# 0046549 CA# 9885	AUGUST 13, 2026
	FL
SIGNED: 08/18/2026	

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-	-	-	-

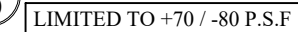
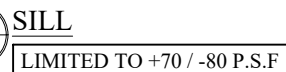
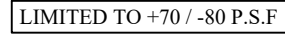
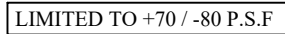
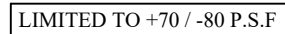
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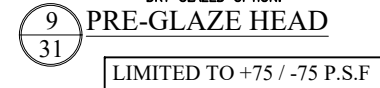
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2026 FBC UPDATE	AEG	RS	08/13/26
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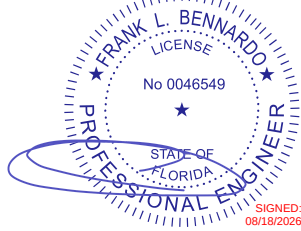
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REMARKS	DRWN	CHKD	DATE
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2026 FBC UPDATE	AEG	RS	08/13/26
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-	-	-	-

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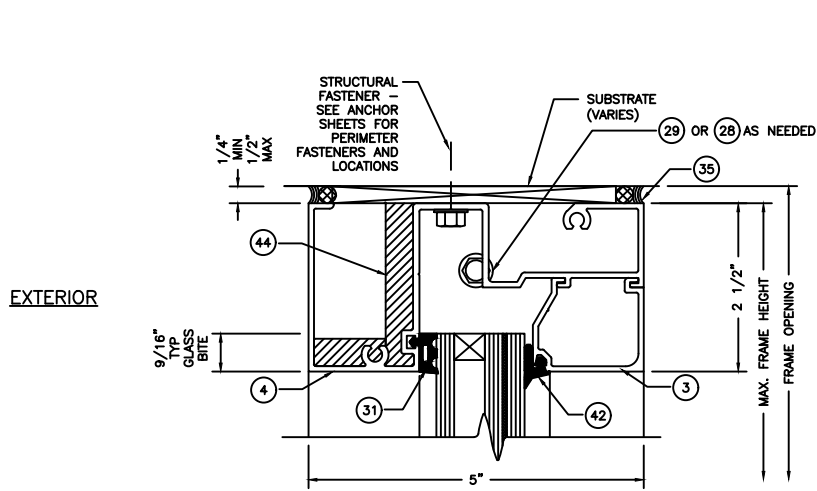
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INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
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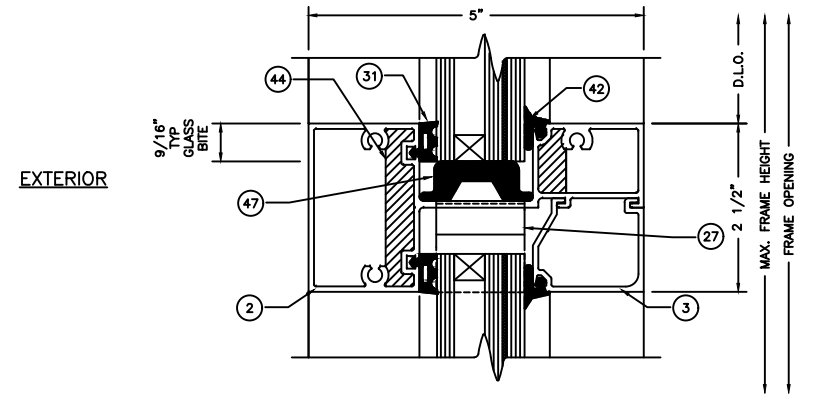
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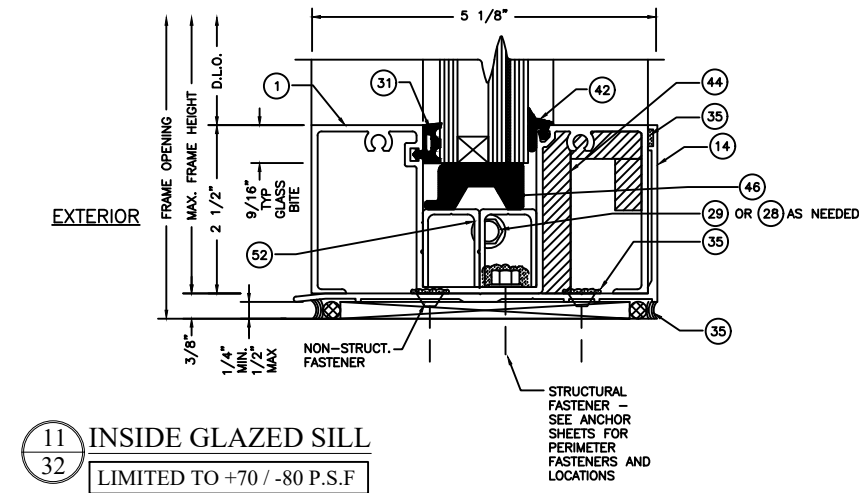
32 OF 43



9.1 INSIDE GLAZED HEAD
32 LIMITED TO +70 / -80 P.S.F

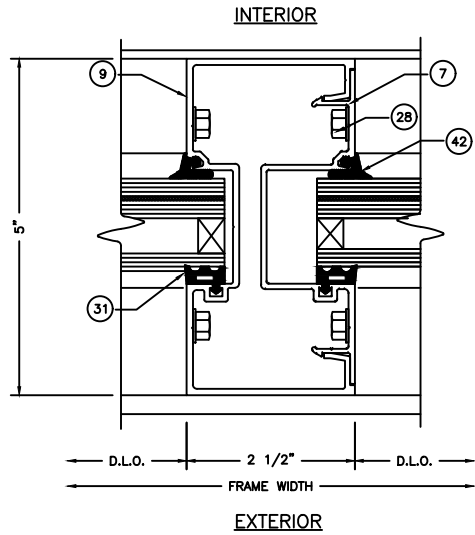


10.1 INSIDE GLAZED INTERMEDIATE HORIZONTAL
32

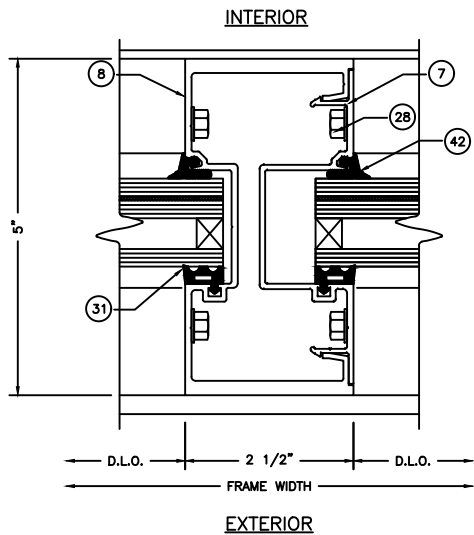


11 INSIDE GLAZED SILL
32 LIMITED TO +70 / -80 P.S.F

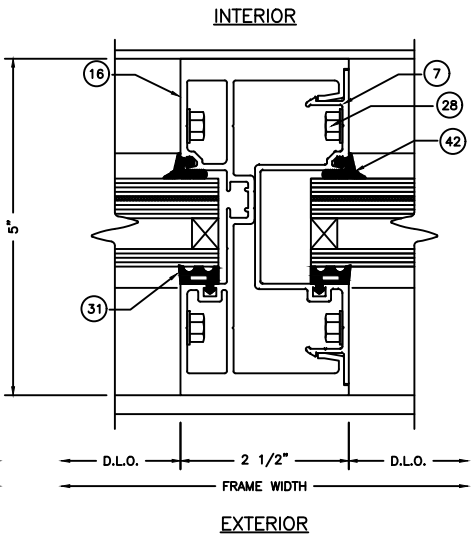
LOCATE REINFORCEMENT FASTENERS
1-1/4" FROM EACH END.



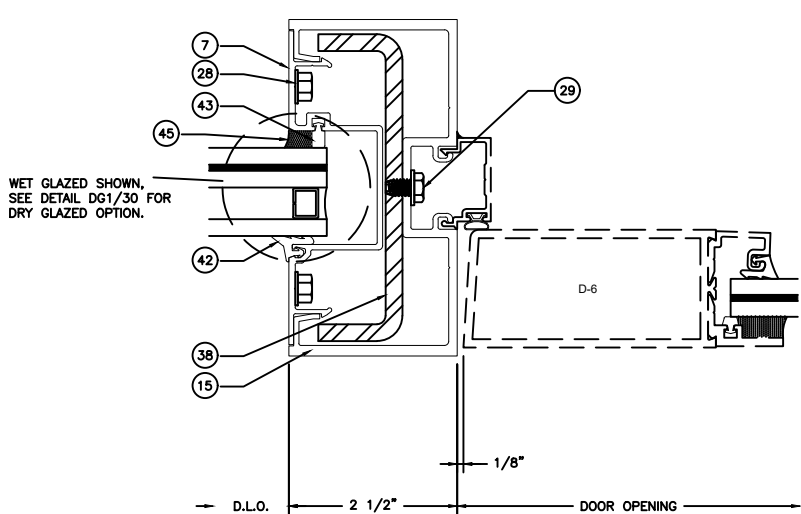
12 INSIDE SET VERTICAL
32 M1



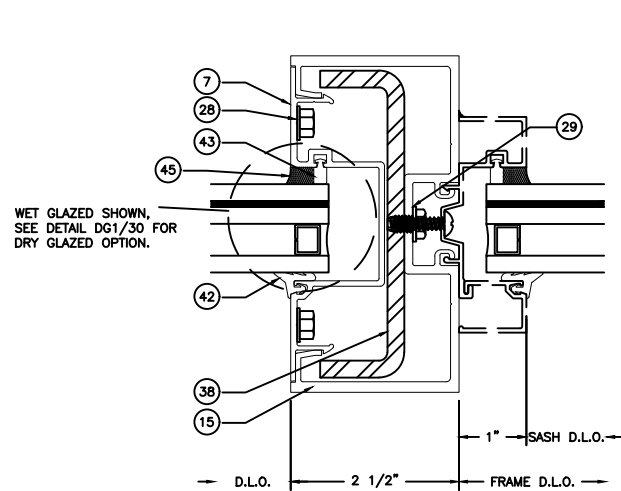
13 INSIDE SET HEAVY VERTICAL
32 M3



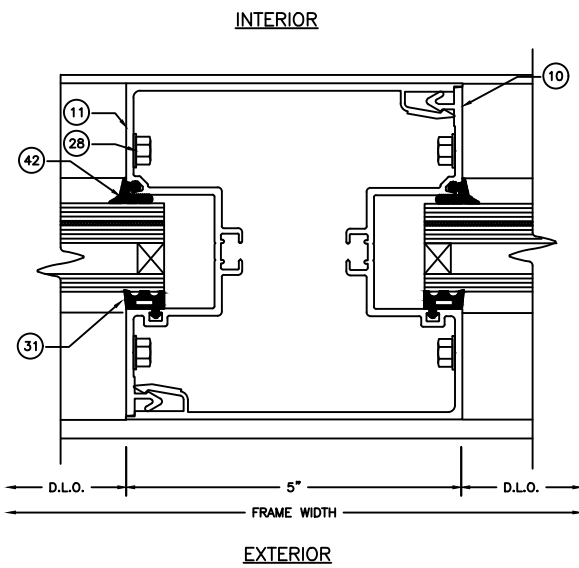
13.1 INSIDE SET HEAVY VERTICAL
32 M9



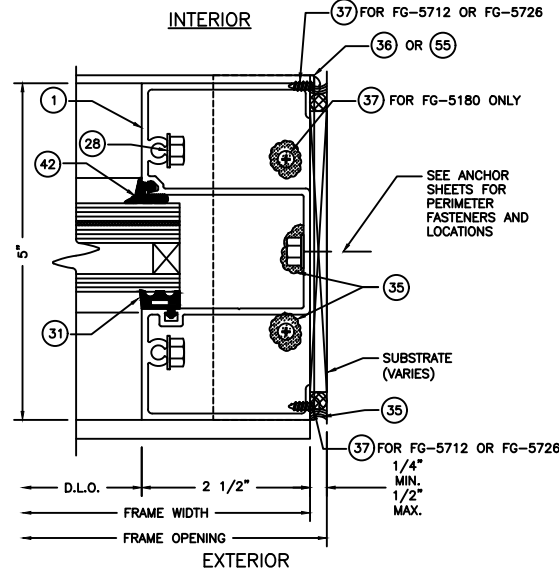
16.1 INTERMEDIATE DOOR JAMB AT SIDELITE
32 M11



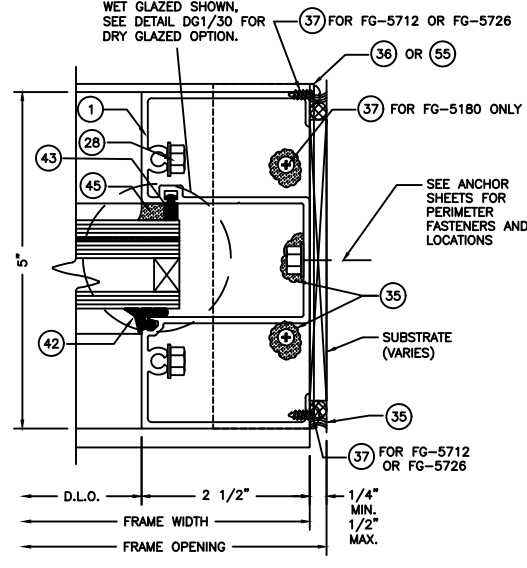
16.2 INTERMEDIATE TRANSOM MULLION AT SIDELITE
32 M11



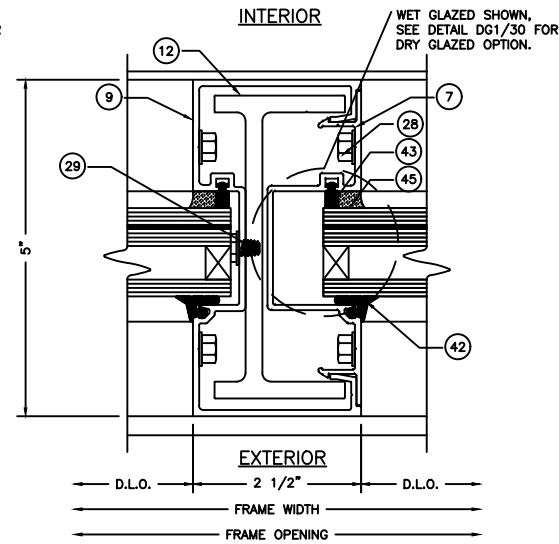
14 INSIDE SET 5" VERTICAL MULLION
32 M8



15 INSIDE SET JAMB VERTICAL
32



15.1 JAMB VERTICAL
32



17 VERTICAL WITH 33 ALUMINUM REINFORCEMENT

Diagram illustrating the cross-section of a double-pane window assembly, showing the interior and exterior views. The diagram includes numbered callouts (1 through 12) identifying various components and dimensions.

Interior View (Top):

- 12: Interior weatherstripping seal.
- 42: Interior frame component.
- 29: Interior pane sealant.
- 31: Interior pane sealant.
- 9: Interior pane sealant.

Exterior View (Bottom):

- 28: Exterior weatherstripping seal.
- 7: Exterior frame component.

Dimensions:

- 5: Total height of the window assembly.
- 2 1/2": Distance between the interior and exterior panes (airspace).
- D.L.O.: Distance from the centerline to the outer edge of the frame.
- FRAME WIDTH: Total width of the frame.
- FRAME OPENING: Total width of the opening.

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

5"

2 1/2"

D.L.O.

FRAME WIDTH

FRAME OPENING

D.L.O.

7

9

28

43

45

42

29

30

Technical drawing of a window frame cross-section showing a double-pane unit. The drawing includes the following labels and dimensions:

- Dimensions:**
 - Vertical dimension: 5"
 - Horizontal dimension: 2 1/2"
 - Horizontal dimension: D.L.O. (Double Line Opening)
 - Horizontal dimension: FRAME WIDTH
 - Horizontal dimension: FRAME OPENING
- Labels (Circled Numbers):**
 - 29: Points to the top left corner of the frame.
 - 30: Points to the top right corner of the frame.
 - 42: Points to the top right corner of the frame.
 - 31: Points to the bottom left corner of the frame.
 - 9: Points to the bottom left corner of the frame.
 - 28: Points to the bottom right corner of the frame.
 - 7: Points to the bottom right corner of the frame.

Diagram illustrating the cross-section of a window frame assembly, showing the interior and exterior views.

Dimensions:

- Overall height: 5'
- Frame width: 2 1/2"

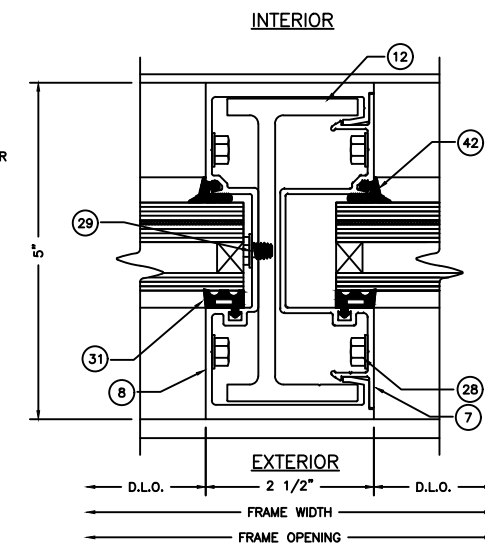
Labels and Callouts:

- INTERIOR** (top label)
- EXTERIOR** (bottom label)
- WET GLAZED SHOWN, SEE DETAIL DG1/30 FOR DRY GLAZED OPTION.** (Note pointing to the glazing area)
- 16**: Points to the interior frame profile.
- 43**: Points to the interior glazing gasket.
- 45**: Points to the interior glazing bead.
- 42**: Points to the exterior glazing gasket.
- 28**: Points to the exterior frame profile.
- 7**: Points to the exterior glazing bead.

Dimensions:

- D.L.O.** (Distance to Line of Opening) is indicated on both the interior and exterior sides.
- FRAME WIDTH** is indicated as 2 1/2" across the bottom.

19.1 HEAVY VERTICAL
33 M10



21
33

INSIDE SET HEAVY VERTICAL WITH
ALUMINUM REINFORCEMENT

M4

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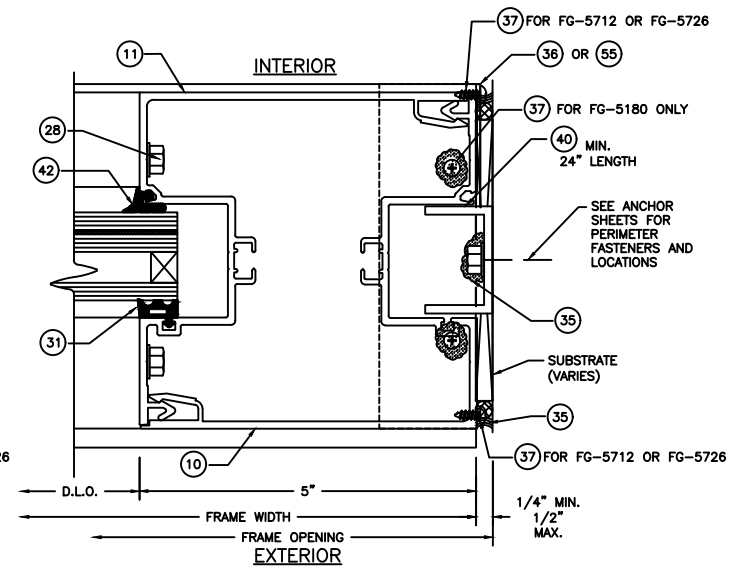
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FLORIDA BUILDING CODE NINTH EDITION (2026)
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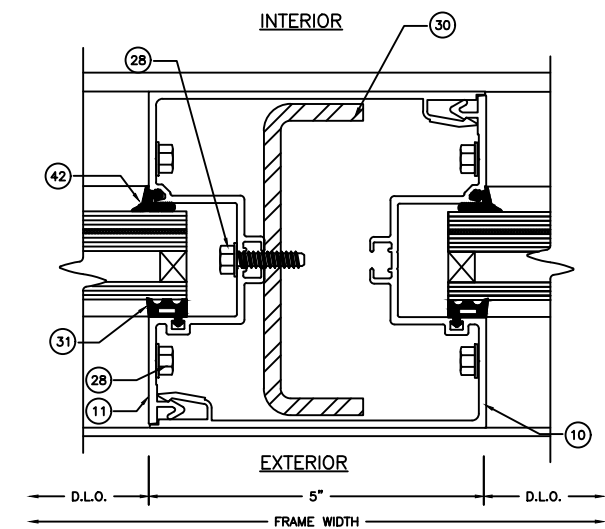
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24 INSIDE SET 5" JAMB VERTICAL
34



28 INSIDE SET 5" VERTICAL MULLION
34 WITH RS-30 REINFORCEMENT

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

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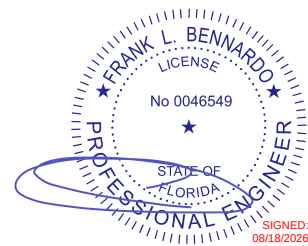
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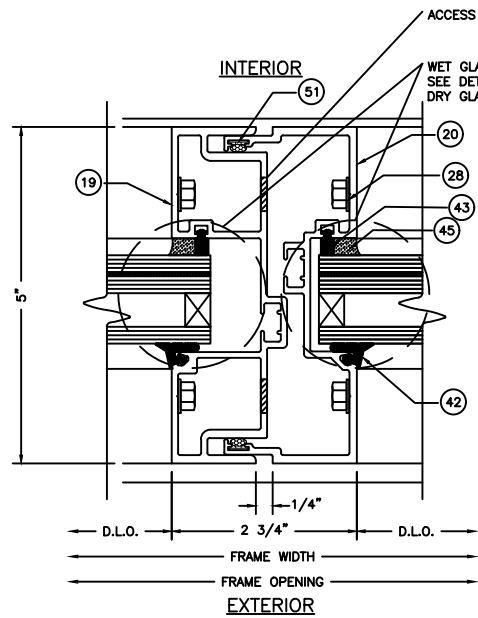
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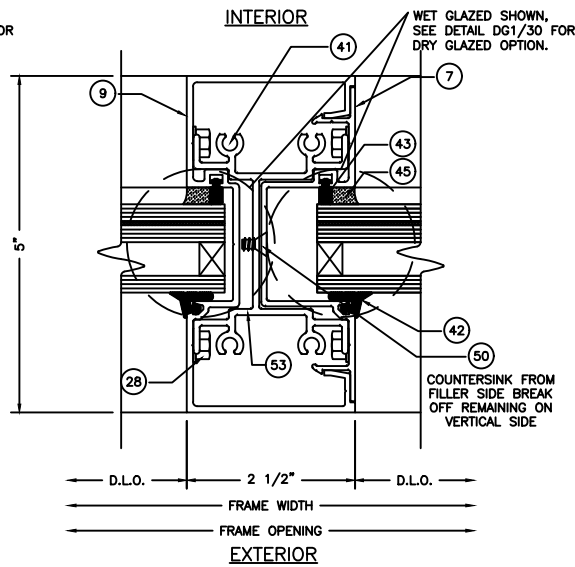
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29
35

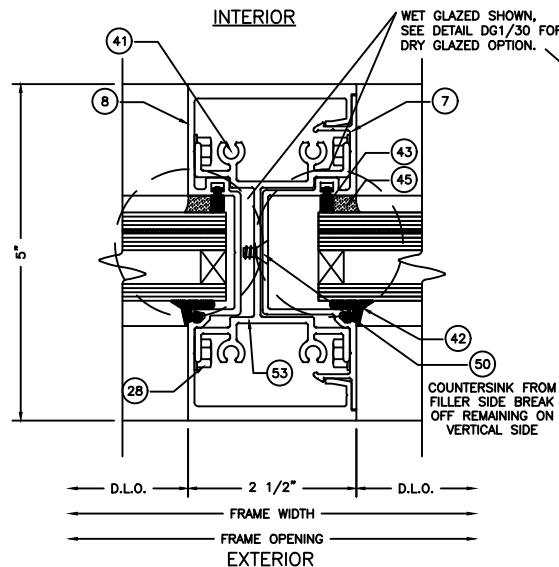
EXPANSION VERTICAL
M2

NOTE: APPROVED FOR USE
OUTSIDE HVHZ



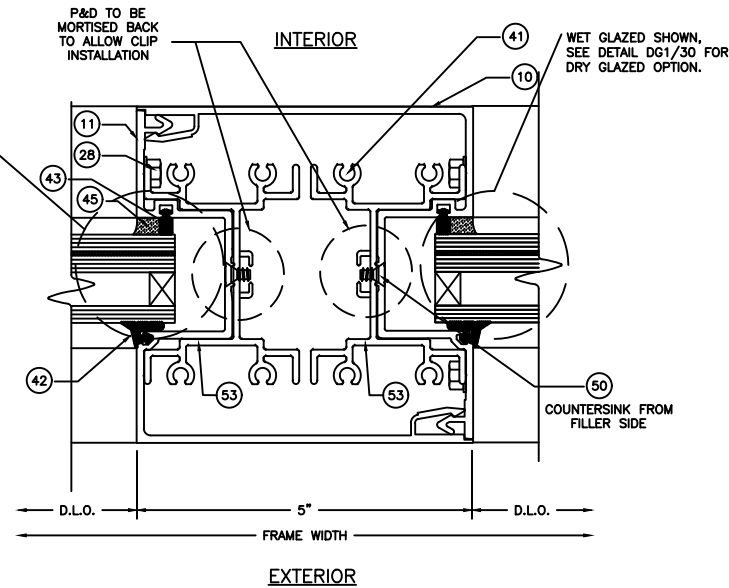
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CRIPPLED VERTICAL



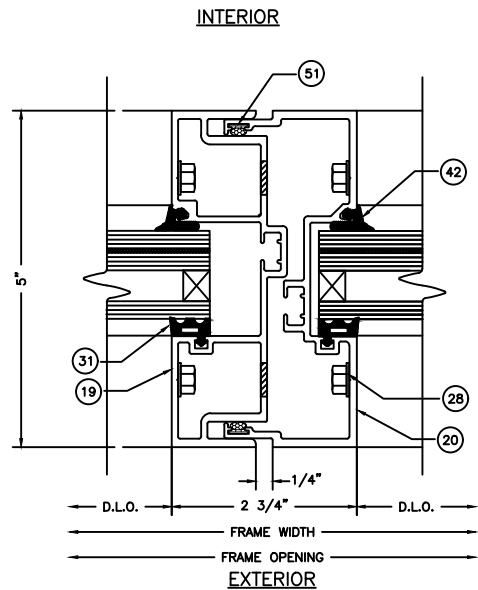
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35

CRIPPLED HEAVY VERTICAL



32
35

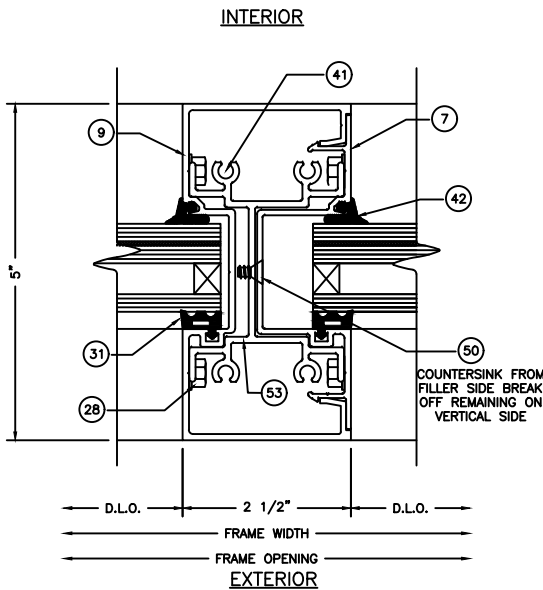
CRIPPLED 5" VERTICAL MULLION



33
35

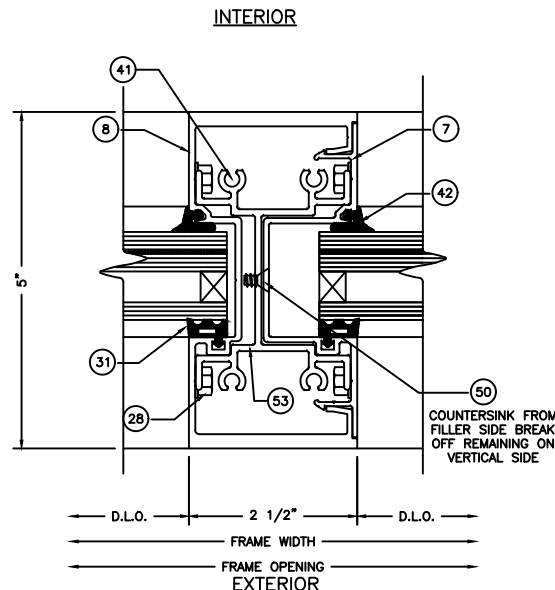
INSIDE SET EXPANSION VERTICAL
M2

NOTE: APPROVED FOR USE
OUTSIDE HVHZ



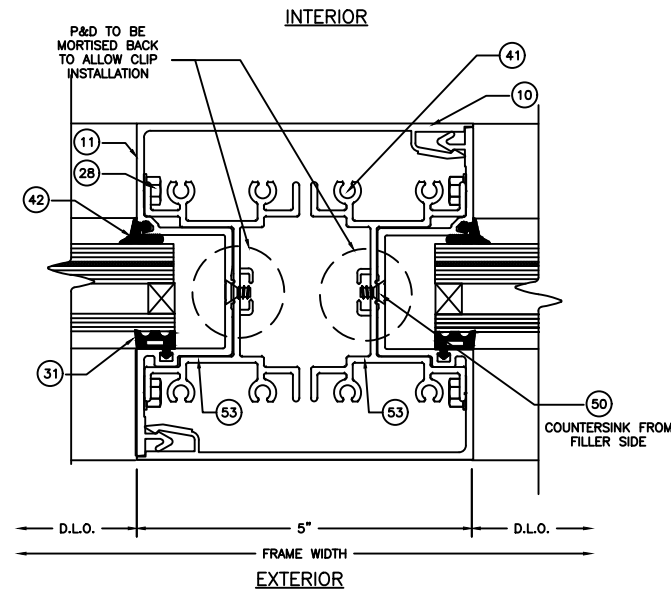
34
35

INSIDE SET CRIPPLED VERTICAL



35
35

INSIDE SET CRIPPLED HEAVY VERTICAL



36
35

INSIDE SET CRIPPLED 5" VERTICAL MULLION

SHEAR BLOCKS USE FOUR
(4) 4 FASTENERS EACH.

NOTE:
CRIPPLED VERTICAL MULLIONS SHOWN
HEREIN CAN BE USED UNDER SITE SPECIFIC
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FG-5750 STORMMAX® NON-THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

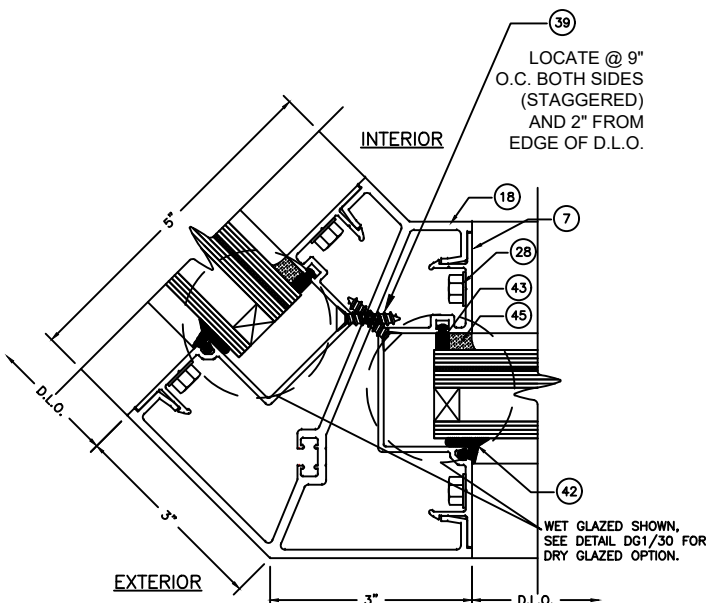
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INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-59866)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

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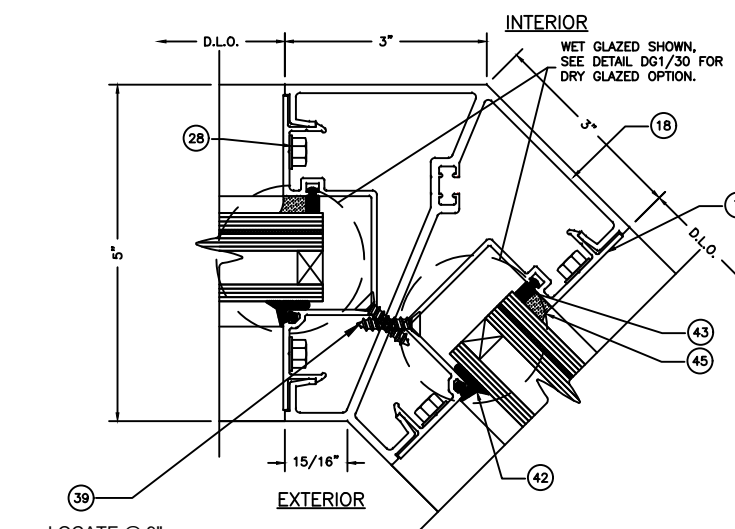
SCALE: NTS UNLESS NOTED

35 OF 43



38 135° CORNER POST
36 M7

NOTE: APPROVED FOR USE
OUTSIDE HVHZ



135° INSIDE CORNER POST
M7

NOTE: APPROVED FOR USE
OUTSIDE HVHZ

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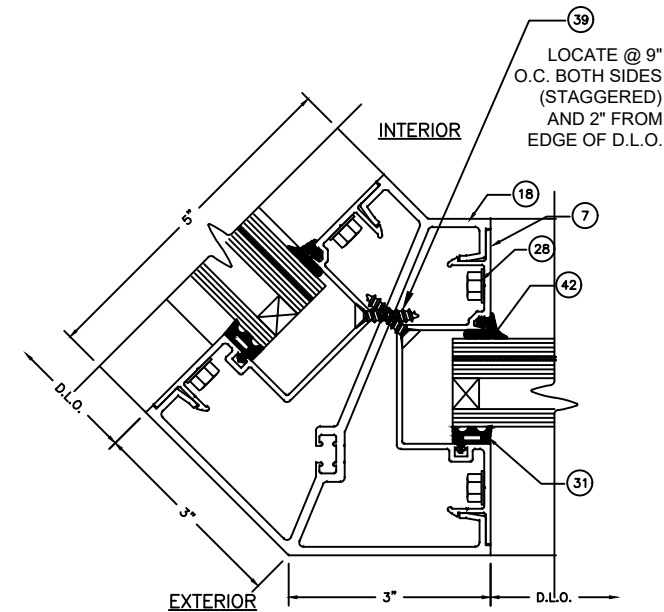
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2026 FBC UPDATE	AEG	RS	08/13/26
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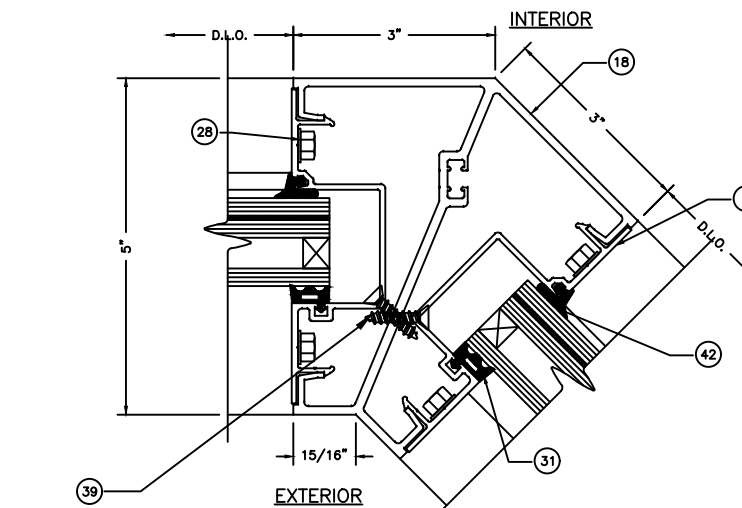
SCALE: NTS UNLESS NOTED

36 OF 43



42 INSIDE SET OS135° CORNER POST

NOTE: APPROVED FOR USE
OUTSIDE HVHZ



44 INSIDE SET IS135° CORNER POST
37 M7

LOCATE @ 9"
O.C. BOTH SIDES
(STAGGERED)
AND 2" FROM
EDGE OF D.L.O.

NOTE: APPROVED FOR USE
OUTSIDE HVHZ

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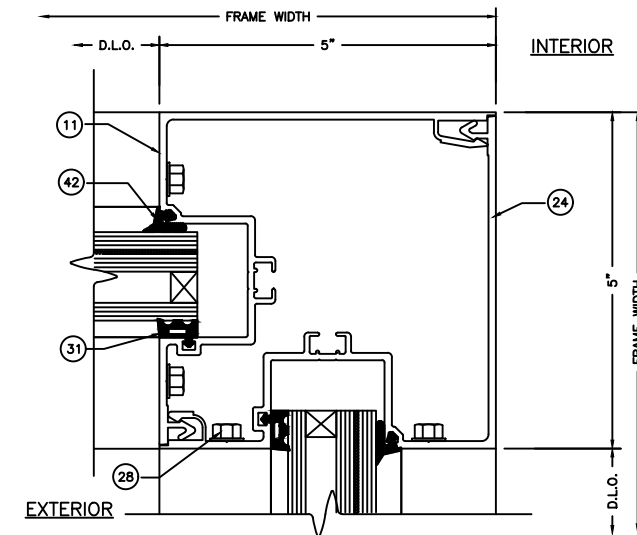
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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
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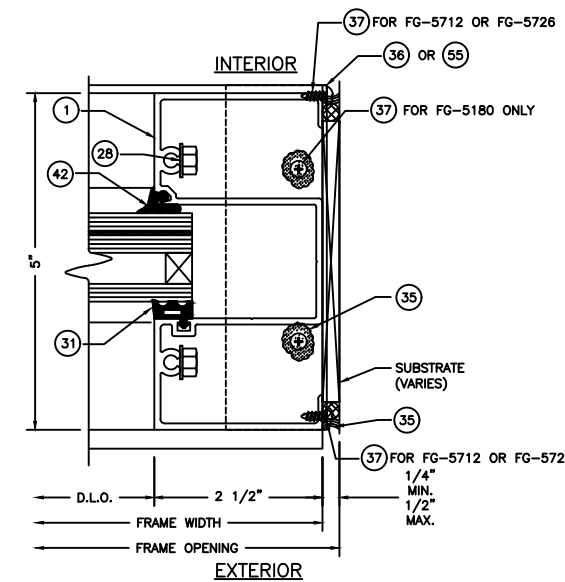
26-101133

SCALE: NTS UNLESS NOTED



47 INSIDE SET IS90° CORNER ASSEMBLY
38

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



50 INSIDE SET JAMB VERTICAL (NON ANCHORED)
38 J1

J1

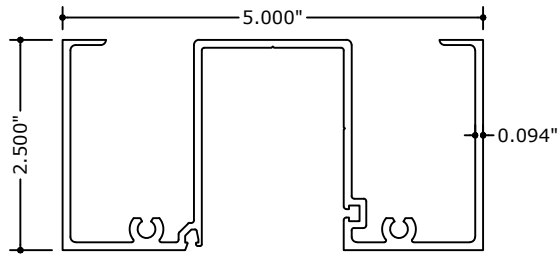
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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

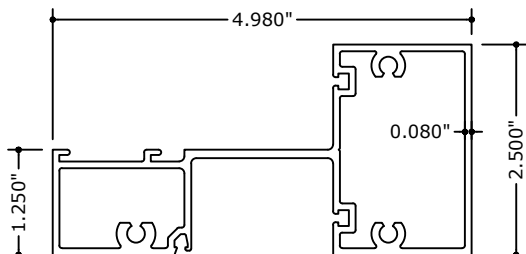
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2023 FBC (23-59866b)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
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SCALE: NTS UNLESS NOTED

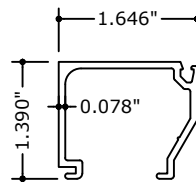
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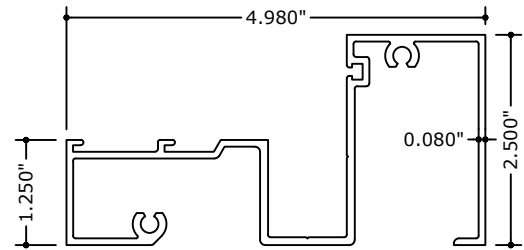
1 FG-5750
HEAD/SILL/JAMB



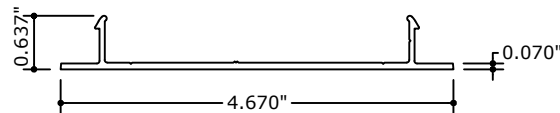
2 FG-5752
HORIZONTAL



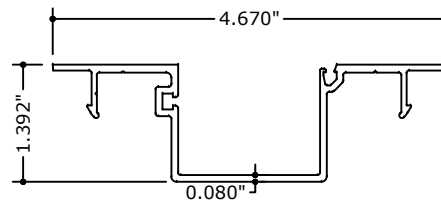
3 FG-5760
GLASS STOP



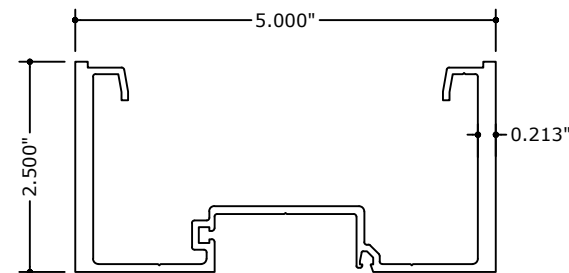
4 FG-5751
SILL



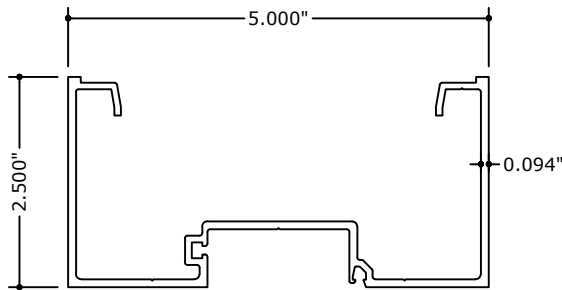
6 FG-5715
FLAT FILLER



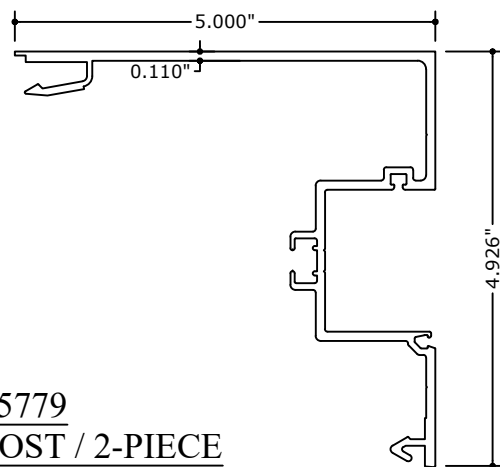
7 FG-5761
INTERMEDIATE MULLION FILLER



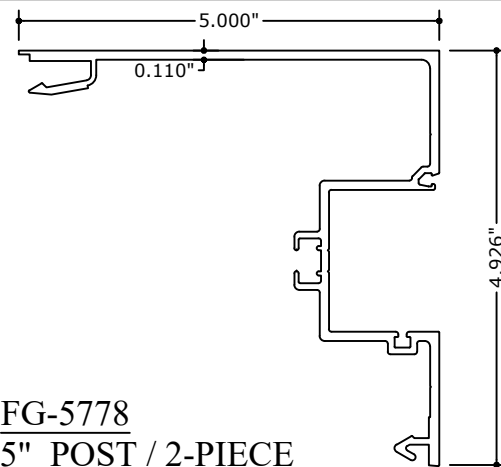
8 FG-5754
HEAVY VERTICAL



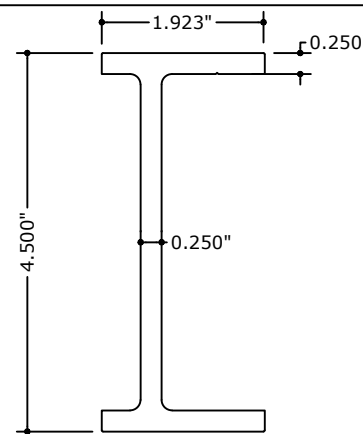
9 FG-5753
VERTICAL MULLION



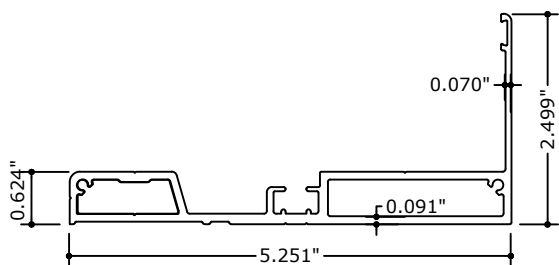
10 FG-5779
5" POST / 2-PIECE CORNER MULLION



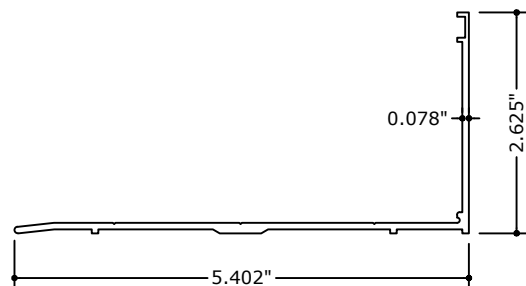
11 FG-5778
5" POST / 2-PIECE CORNER POST



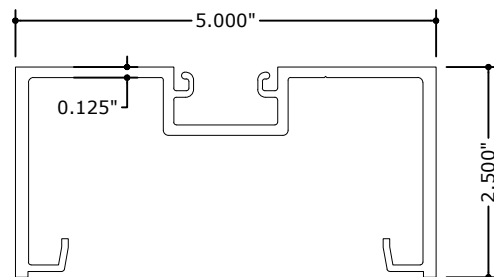
12 FG-5720
ALUMINUM STIFFENER



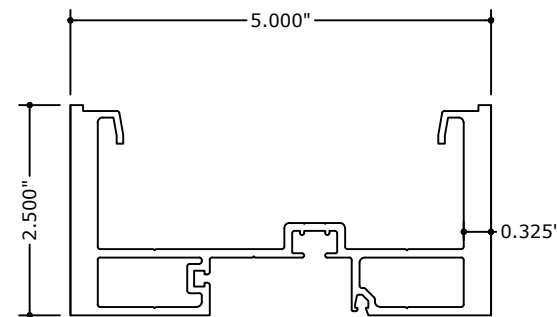
13 FG-5712
SILL RECEPTOR



14 FG-5180
SILL RECEPTOR

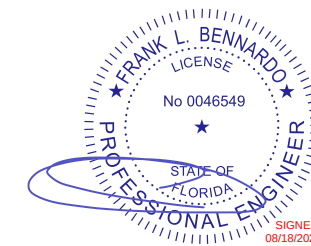


15 FG-5713
VERTICAL DOOR MULLION W/ SIDELITE



16 FG-5774
HEAVY VERTICAL MULLION

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PE# 0046549 CA# 9885



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REMARKS	DRWN	CHKD	DATE
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2026 FBC UPDATE	AEG	RS	08/13/26

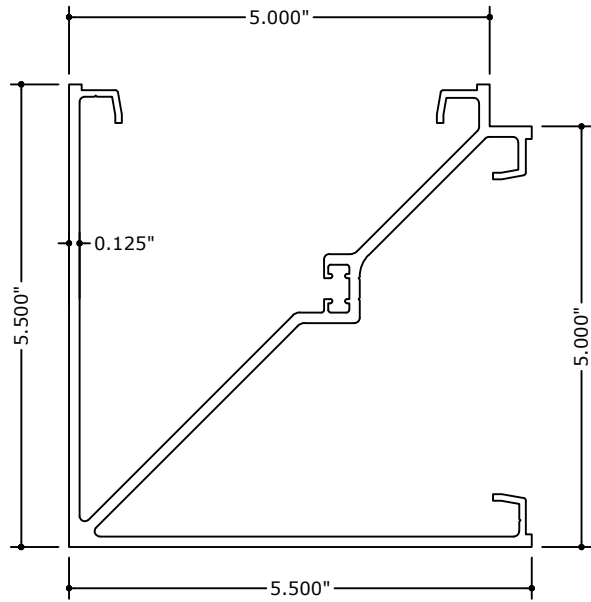
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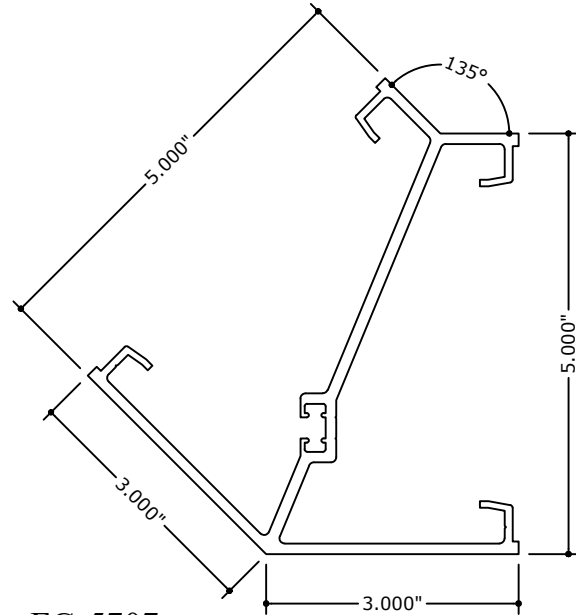
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39 OF 43

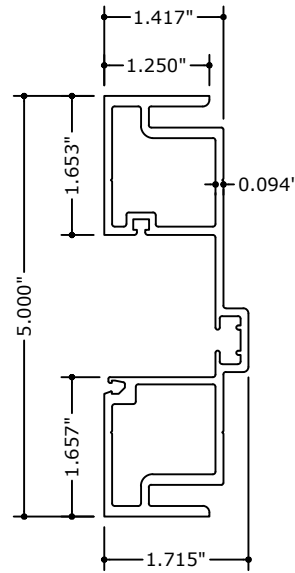
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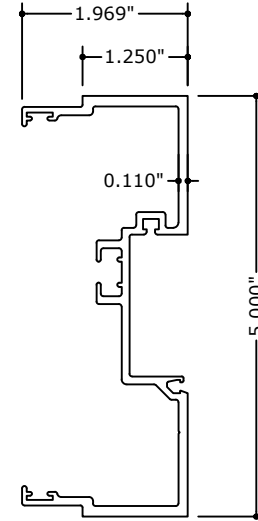
17 FG-5706
90 DEGREE CORNER POST



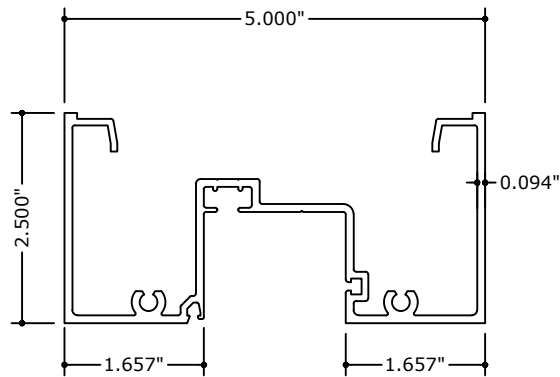
18 FG-5707
135 DEGREE CORNER POST



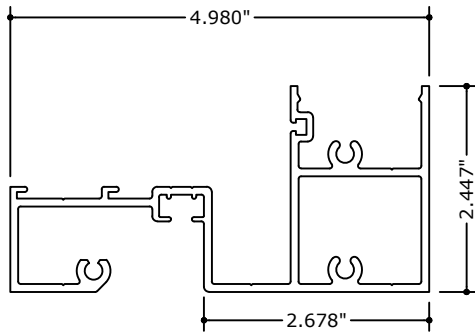
19 FG-5782
EXPANSION MULLION



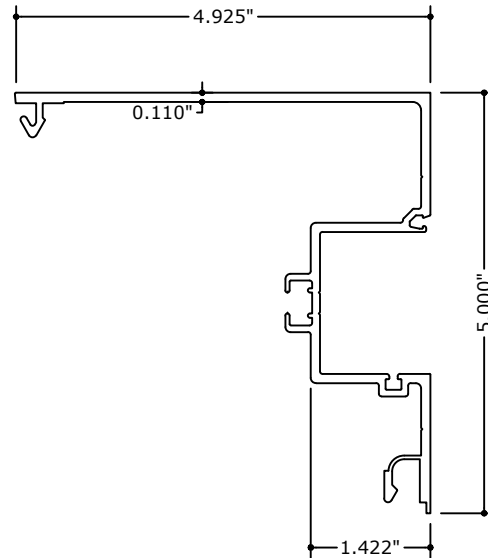
20 FG-5783
EXPANSION MULLION



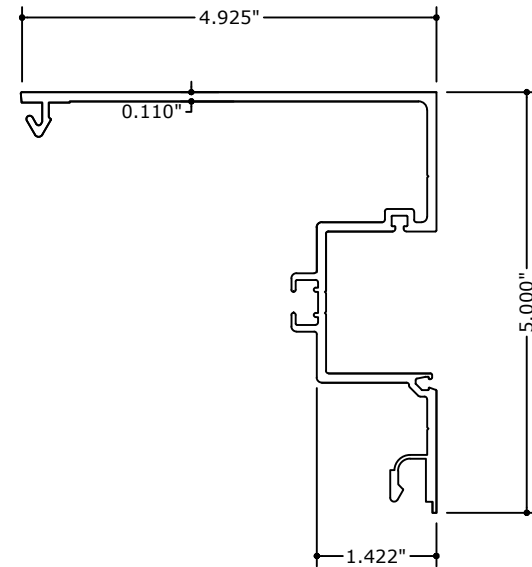
21 FG-5786
PRE-GLAZED HEAD



22 FG-5787
PRE-GLAZED SILL



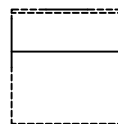
24 FG-5784
2-PIECE 90° CORNER ASSEMBLY



25 FG-5785
2-PIECE 90° CORNER ASSEMBLY



23 FG-5259
PRE-GLAZED SILL FILLER



27 FG-5790-02
WATER DIVERTER

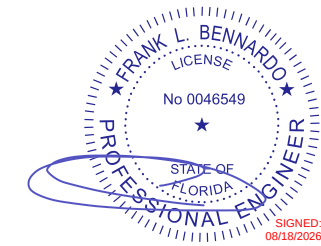


28 FS-8
JOINT FASTENER



29 FS-354
REINFORCEMENT FASTENER

FRANK BENNARDO, PE
PE# 0046549 CA# 9885



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FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

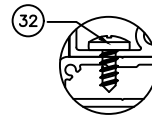
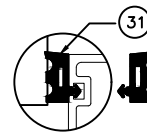
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INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26

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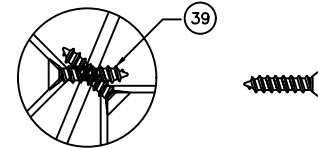
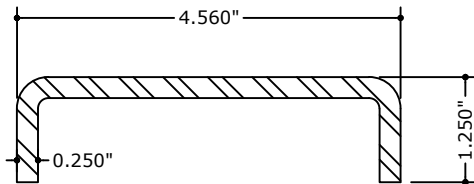
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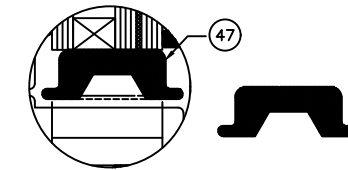
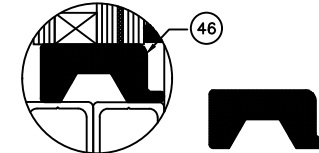
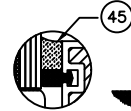
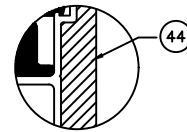
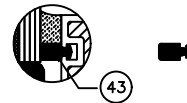
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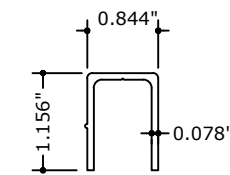
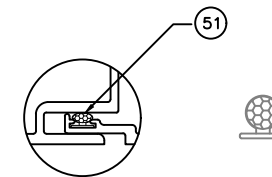
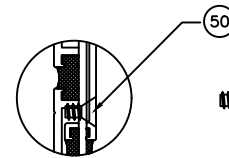
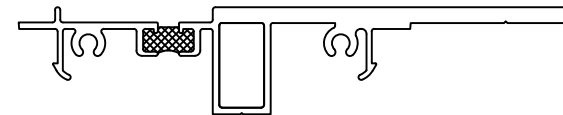
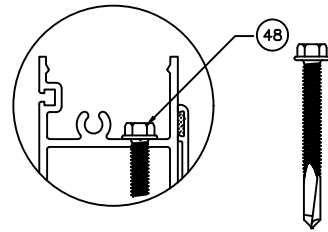
(36) AN-101-01 SILL END DAM
FOR USE WITH FG-5712
AND FG-5180 SUBSILL



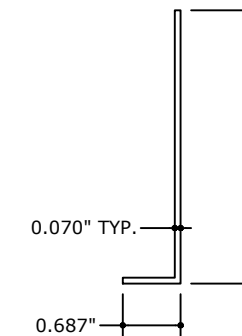
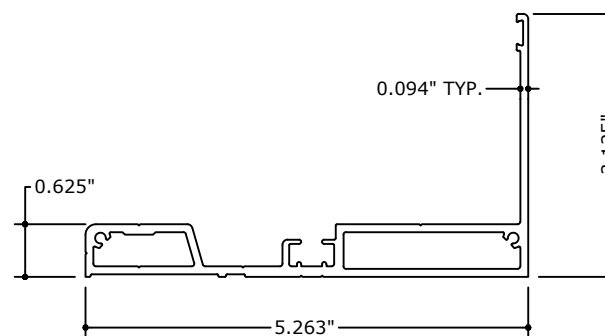
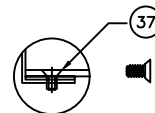
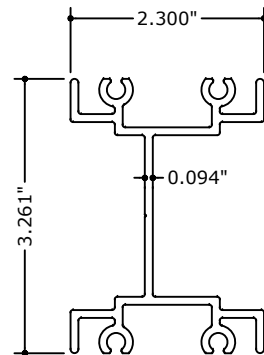
42 FG-5730
EXTERIOR GLAZING
GASKET



47 FG-5744
SETTING BLOCK



52 FG-5721-01
SETTING CHAIR



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

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FLORIDA STATEWIDE APPROVAL (ESA E1 #70665 2)

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36 101133

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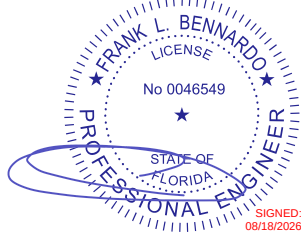
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BILL OF MATERIALS					
ITEM NO.	P/N	DESCRIPTION	DIMENSIONS	MATERIAL	NOTES
ALUMINUM PARTS					
1	FG-5750	HEAD/SILL/JAMB	2.500 x 5.000 x 0.094	6063-T6 ALUMINUM	
2	FG-5752	HORIZONTAL MULLION	2.500 x 4.980 x 0.094	6063-T6 ALUMINUM	
3	FG-5760	GLASS STOP	1.250 x 1.650 x 0.078	6063-T6 ALUMINUM	
4	FG-5751	HEAD/SILL	2.500 x 4.980 x 0.094	6063-T6 ALUMINUM	
	NOT USED	NOT USED	NOT USED	NOT USED	
6	FG-5715	FLAT FILLER	0.636 x 4.670 x 0.080	6063-T6 ALUMINUM	RUNS FULL LENGTH
7	FG-5761	INTERMEDIATE MULLION FILLER	0.681 x 4.670 x 0.080	6063-T6 ALUMINUM	
8	FG-5754	HEAVY MULLION	2.500 x 5.000 x 0.213	6063-T6 ALUMINUM	
9	FG-5753	VERTICAL MULLION	2.500 x 5.000 x 0.094	6063-T6 ALUMINUM	
10	FG-5779	5" VERTICAL POST / 2-PIECE 90° CORNER	5.000 x 4.941 x 0.110	6063-T6 ALUMINUM	
11	FG-5778	5" VERTICAL POST / 2-PIECE 90° CORNER	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	FG-5712	HIGH PERFORMANCE 5/8" SUBSILL	5.276 x 2.750 x 0.100	6063-T6 ALUMINUM	
14	FG-5180	1/8" SUBSILL	5.402 x 2.625 x 0.080	6063-T6 ALUMINUM	
15	FG-5713	VERTICAL DOOR MULLION W/ SIDELITE	2.500 x 5.000 x 0.125	6063-T6 ALUMINUM	
16	FG-5774	HEAVY MULLION	2.500 x 5.000 x 0.213	6063-T6 ALUMINUM	
17	FG-5706	90° CORNER MULLION	5.500 X 5.500 X 0.125	6063-T6 ALUMINUM	
18	FG-5707	135° CORNER MULLION	3.000 x 5.000 x 0.125	6063-T6 ALUMINUM	
19	FG-5782	EXPANSION MULLION (FEMALE)	1.715 X 5.000 X 0.094	6063-T6 ALUMINUM	
20	FG-5783	EXPANSION MULLION (MALE)	1.969 X 5.000 X 0.110	6063-T6 ALUMINUM	
21	FG-5786	PRE-GLAZE HEAD	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	
22	FG-5787	PRE-GLAZE SILL	2.446 X 5.000 X 0.094	6063-T6 ALUMINUM	
23	FG-5259	PRE-GLAZE SILL FILLER	.344 X 1.638 X 0.050	6063-T5 ALUMINUM	
24	FG-5784	2-PIECE 90° CORNER MULLION	4.941 X 5.000 X 0.110	6063-T6 ALUMINUM	
25	FG-5785	2-PIECE 90° CORNER MULLION	4.941 X 5.000 X 0.110	6063-T6 ALUMINUM	
26	NOT USED	NOT USED	NOT USED	NOT USED	

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PE# 0046549 CA# 9885

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ENGINEERINGEXPRESS.COM

OLDCASTLE BUILDING ENVELOPE®

803 AIRPORT RD.
TERRELL, TX 75160
(972) 551-6100

FG-5750 STORMMAX® NON-THERMAL- WET & DRY GLAZED
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA FL#20665.2)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE (WAS 20-29229)	JEM	AJP	09/17/20
2023 FBC (23-598666)	SQ	RS	08/30/23
2026 FBC UPDATE	AEG	RS	08/13/26
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SCALE: NTS UNLESS NOTED

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FRANK BENNARDO, PE
PE# 0046549 CA# 9885

SIGNED:
08/18/2026

FL

AUGUST 13, 2026

ACCESSORY PARTS					
27	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
28	FS-8	FASTENER	#14 x 1" HHSTS	STEEL	SCREW SPLINE SCREW
29	FS-354	FASTENER	1/4"-20 x 3/8" HEX HEAD TYPE F	STEEL	REINFORCEMENT SCREW, 1-1/4" FROM EACH END
30	RS-30	STEEL REINFORCEMENT	4.562 x 1.250 x 0.250	STEEL	ASTM A-36
31	FG-5732	DRY GLAZE GASKET	0.28" x 0.594"	EPDM	
32	FS-27	FASTENER (SILL-TO-SUBSILL)	#12 x 1/2" PPH SMS A pt	STEEL	(4) FASTENERS PER SIDE (2" FROM MULLION & 2" ON CENTER, 4 PER SIDE).
33	FS-336	FASTENER	1/4-20 x 1-1/8" HWH KWIKFLEX	STEEL	(2) FASTENERS PER SIDE (1 1/2" AND 4 1/2" ON EACH SIDE OF MULLION)
	NOT USED	NOT USED	NOT USED	NOT USED	NOT USED
35	DOWSIL 795	PERIMETER SEALANT	--	SILICONE	
36	AN-101-01	SILL FLASHING END DAM	2.688 x 0.625 x 0.063 x 5.125	6063-T6 ALUMINUM	FOR USE WITH FG-5712 AND FG-5180 SUBSILL
37	FS-23	FASTENER	#6 x 3/8" PPH	STEEL	ATTACH END DAM TO SUBSILL
38	FG5000-PP-8	STEEL REINF. AT DOOR JAMB	4.560 x 1.250 x 0.250	STEEL	USED AT DOOR JAMBS
39	FS-58	FASTENER	#10 x 1" PFH SMS	STAINLESS STEEL	USED AT CORNERS
40	CH55	U-CHANNEL	1.000 x 1.593 x 0.125"	6063-T6 ALUMINUM	
41	FS-96	FASTENER	#12 x 2-1/2" PPH SMS	STEEL	SHEAR BLOCK SCREW
42	FG-5730	EXTERIOR GLAZING GASKET	0.518" x 0.507"	EPDM	
43	FG-5731	SPACER GASKET	0.194" x 0.375"	SILICONE	
44	SM5601	JOINT SEALANT TAPE	0.500 x 0.125 x VARIES	POLYISOBUTYLENE	
45	DOWSIL 995	STRUCTURAL SEALANT	--	SILICONE	FOR WET GLAZING AND FRAME ASSEMBLY
46	FG-5743	SETTING BLOCK	1.468 x 0.688 x 4.000	SILICONE	2 PER LITE
47	FG-5744	SETTING BLOCK	1.679 x 0.588 x 4.000	SILICONE	2 PER LITE, FOR INSIDE GLAZED INTERM. HORIZ.
48	FS-128	FASTENER	5/16"-24x 2" HEX WASHER HEAD	STEEL	(2) FASTENERS PER SIDE (1 1/2" AND 4 1/2" ON EACH SIDE OF MULLION)
49	FGT-5788-01	PRE-GLAZE HEAD ANCHOR	1.679 x 0.588 x 4.000	6063-T6 ALUMINUM	
50	FS-56	FASTENER	#10 X 1/2" UCPFH SMS	STAINLESS STEEL	
51	CW-998	BULB GASKET	0.270" x 0.250"	EPDM	
52	FG-5721-01	SETTING CHAIR	0.824" x 1.158 x 0.078" x 4.000" LONG	6063-T6 ALUMINUM	
53	FG-5714-01	SHEAR BLOCK	2.292" x 3.294 x 0.094" x 2.000" LONG	6063-T6 ALUMINUM	2" IN LENGTH
54	FG-5726	5/8" HIGH PERFORMANCE SUBSILL	5.263 x 3.125 x 0.940	6063-T6 ALUMINUM	
55	AN-104-01	END DAM FOR USE WITH FG-5726	3.250" x 0.687 x 0.006" x 5.2188" LONG	6063-T6 ALUMINUM	

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