

GLOBAL IMPACT PRODUCTS, LLC.

8000 SERIES ALUMINUM CURTAIN WALL SYSTEMS (HVHZ)(IMPACT)

GENERAL NOTES:

1.

THE PRODUCTS SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA 501-15
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2.

ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND STEEL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3.

1X & 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND THE INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITION CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5.

WHEN USED IN AREAS REQUIRING WIND BORNE DEBRIS PROTECTION, THIS PRODUCT COMPLIES WITH CHAPTER 26 OF THE CURRENT FLORIDA BUILDING CODE AND **DOES NOT REQUIRE** AN IMPACT RESISTANT COVERING IN HVHZ OR LESS.
6.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.

INSTALLATION NOTES:

1.

ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2.

THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBERS OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3.

INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCE). TOLERANCE ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4.

REFER TO SECTION 7 THRU 8 FOR ANCHOR TYPE, SUBSTRATE STRENGTH, EMBEDMENT & EDGE DISTANCE REQUIREMENTS. FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS FOR INSTALLATION OF ANCHORS.
5.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
6.

INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1

DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2

SEE CHARTS ON SECTION 6 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 3

CHECK MULLION CAPACITY FOR A GIVEN SPACING, HEIGHT, SINGLE SPAN, MULTIPLE SPANS AND CORNERS ON SECTION 4.
- STEP 4

USING HEAD/SILL ANCHOR DETAILS, SELECT ANCHOR OPTION FROM TABLES ON SECTION 7 & 8 WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5

CHECK INTERMEDIATE ANCHOR CAPACITY FOR MULTIPLE SPANS USING CHARTS OR DETAILS ON SECTION 8.
- STEP 6

THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4 AND 5 SHALL APPLY TO ENTIRE SYSTEM.

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GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
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TITLE: 8000 SERIES ALUMINUM CURTAIN WALL SYSTEMS (HVHZ)(IMPACT)
INSTALLATION & GENERAL NOTES

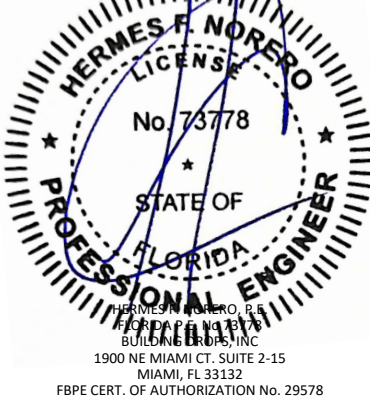
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PH: (954)399-8478
FAX: (954)744-4738
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Reason: I am approving this document
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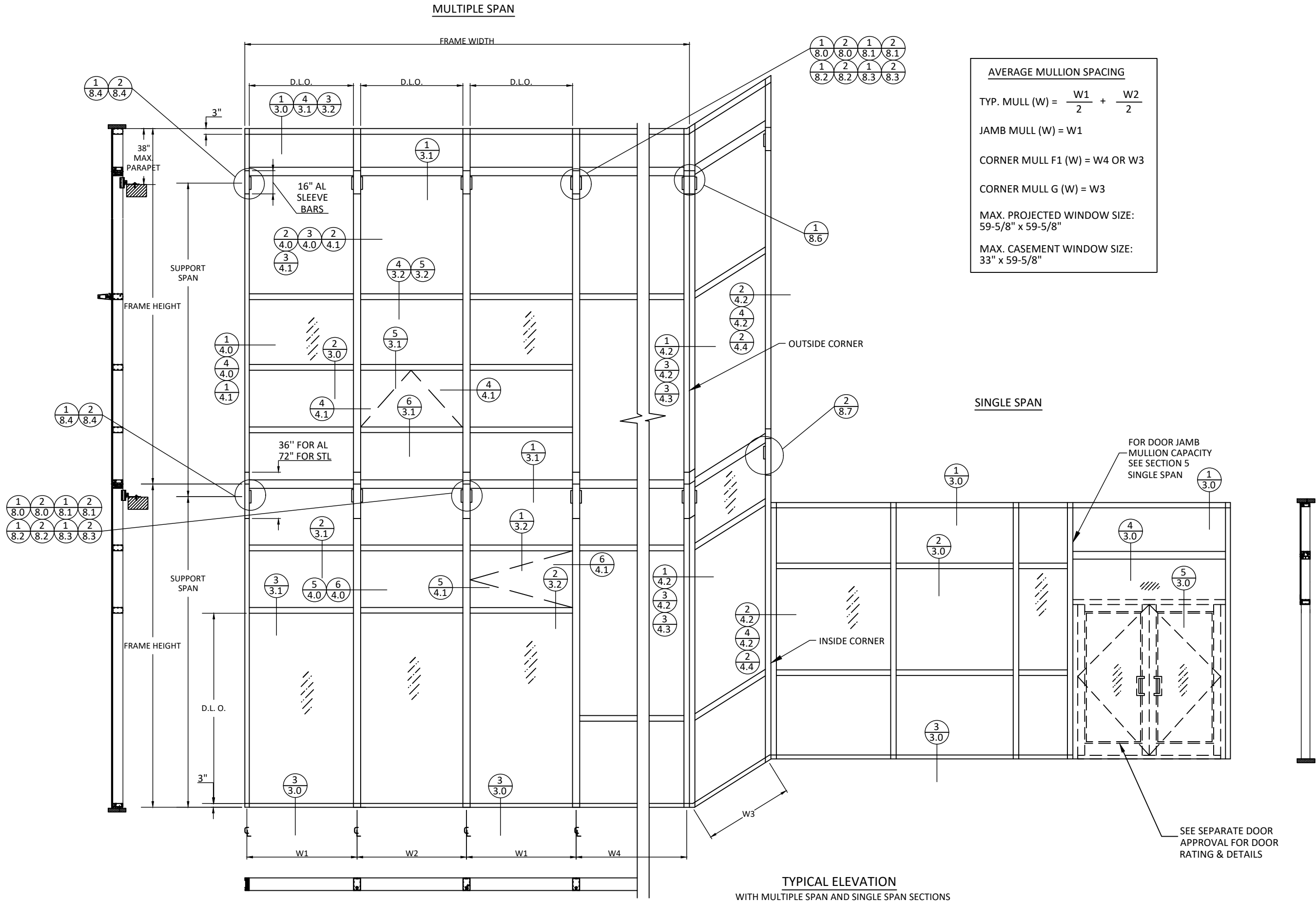
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TITLE: 8000 SERIES ALUMINUM
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ELEVATIONS

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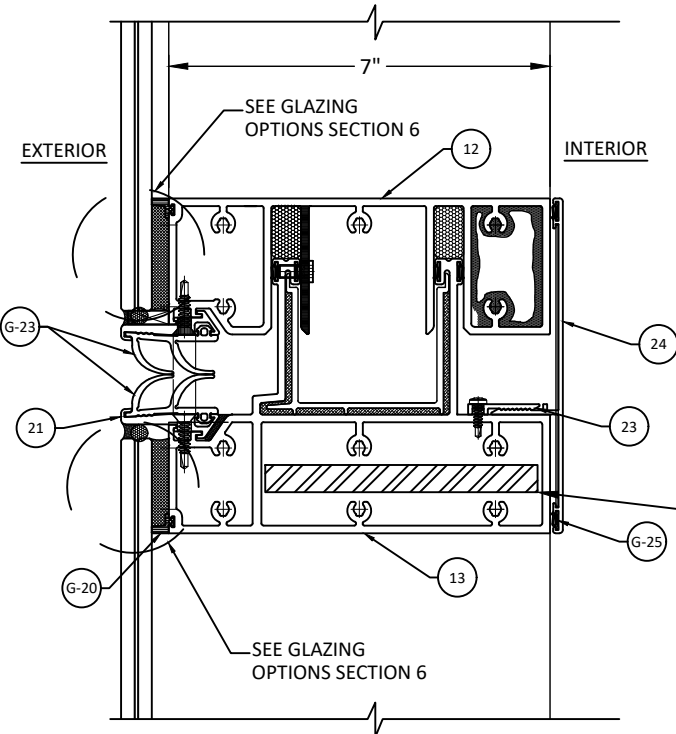
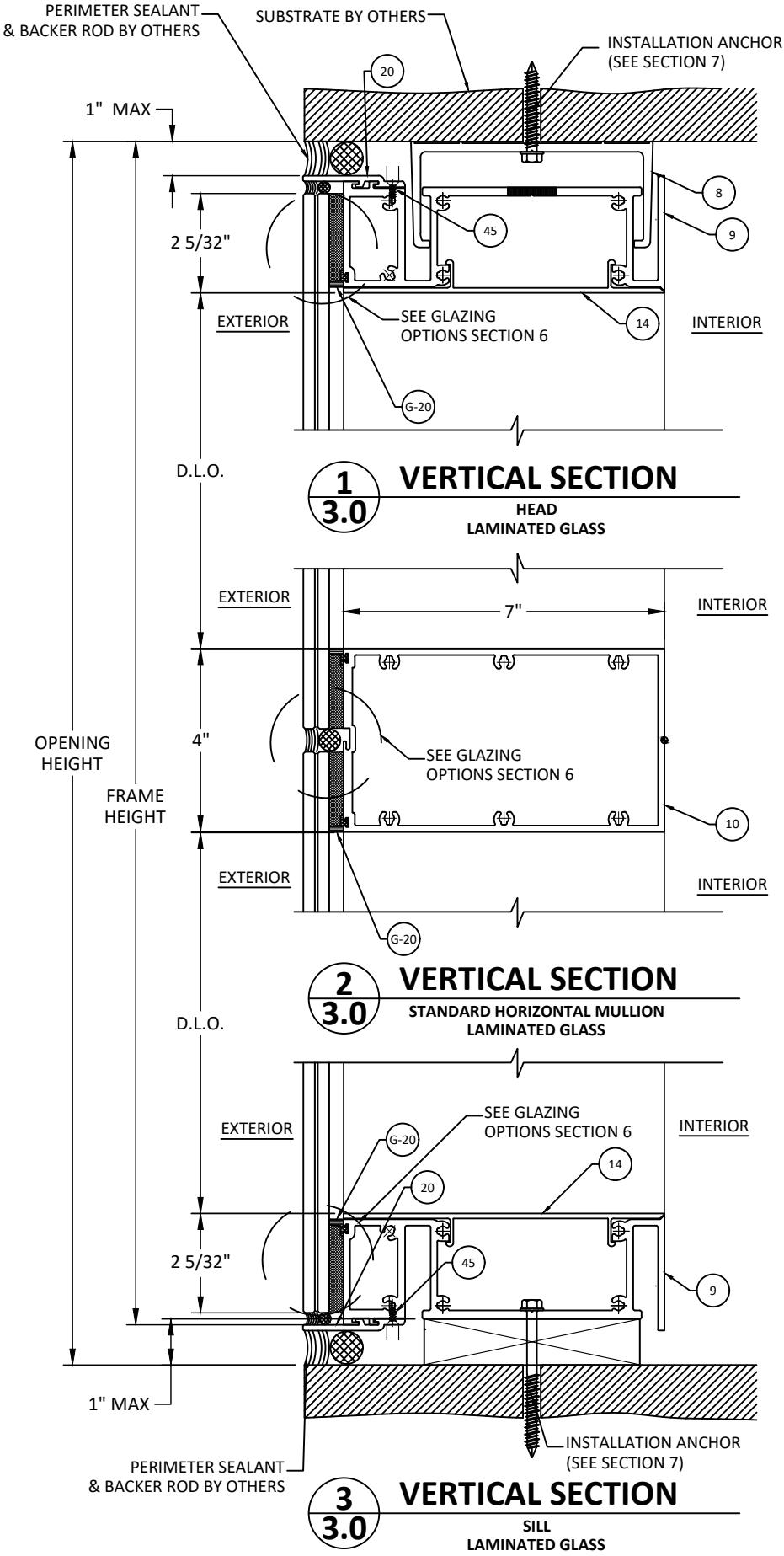
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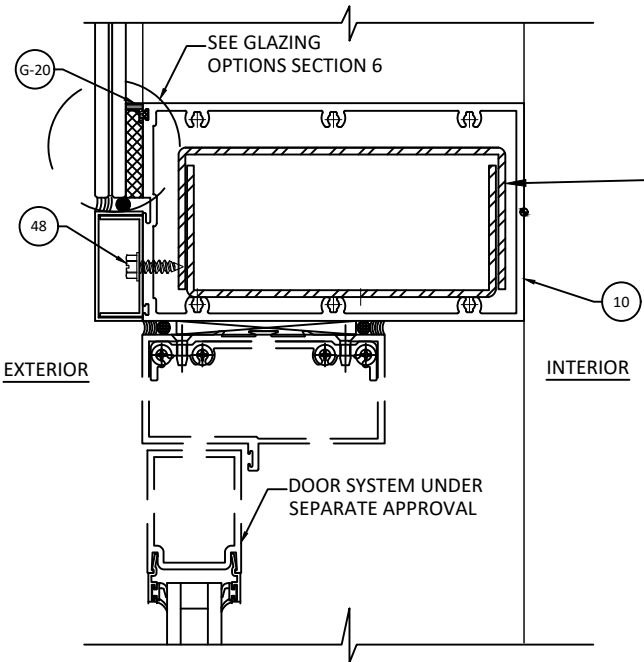
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VERTICAL SECTIONS



5" X 1/2" STEEL
REINFORCEMENT
BAR (A-36 MIN.).
REQUIRED FOR
DOOR TRANSOM.



(2) 1/8" STEEL
REINFORCEMENT
CHANNELS (A-36
MIN.).

NOTE: TYPICAL LAMINATED GLASS SHOWN. ALL
DETAILS QUALIFIED WITH INSULATED GLASS AS
SHOWN IN EACH SHEET. SEE SECTION 6 FOR
GLAZING OPTIONS.



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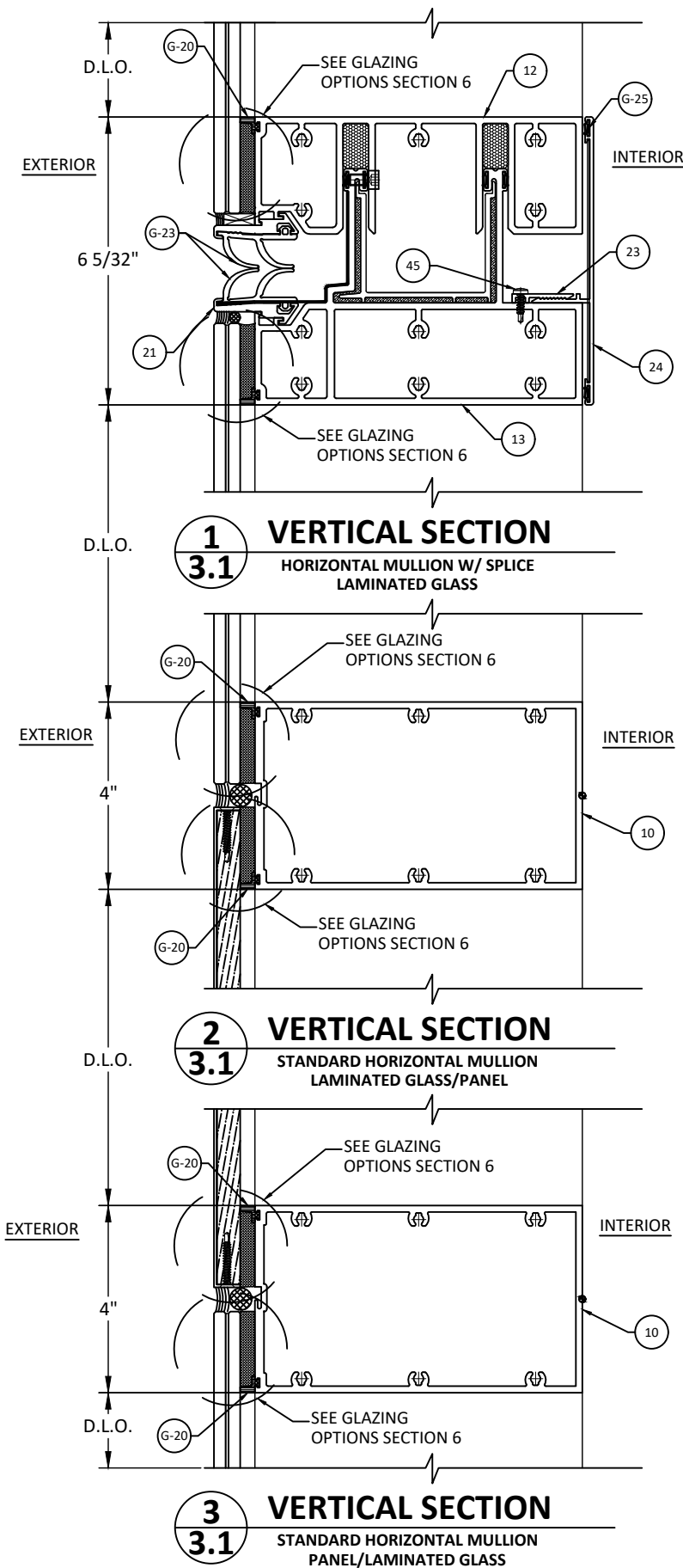
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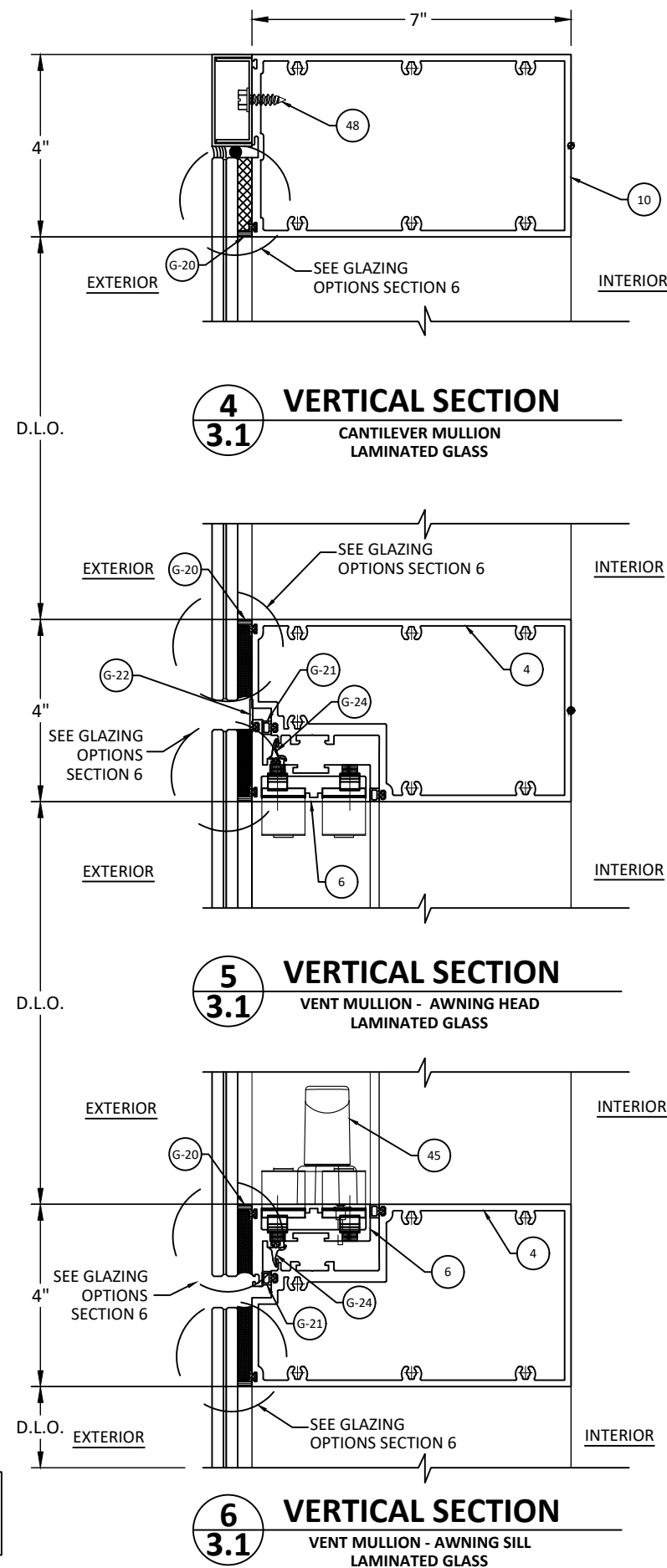
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VERTICAL SECTIONS

NOTE: TYPICAL LAMINATED GLASS SHOWN. ALL DETAILS QUALIFIED WITH INSULATED GLASS AS SHOWN IN EACH SHEET. SEE SECTION 6 FOR GLAZING OPTIONS.



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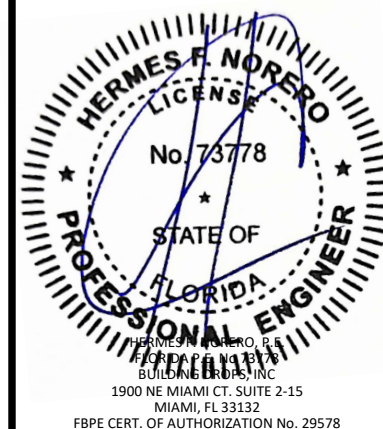
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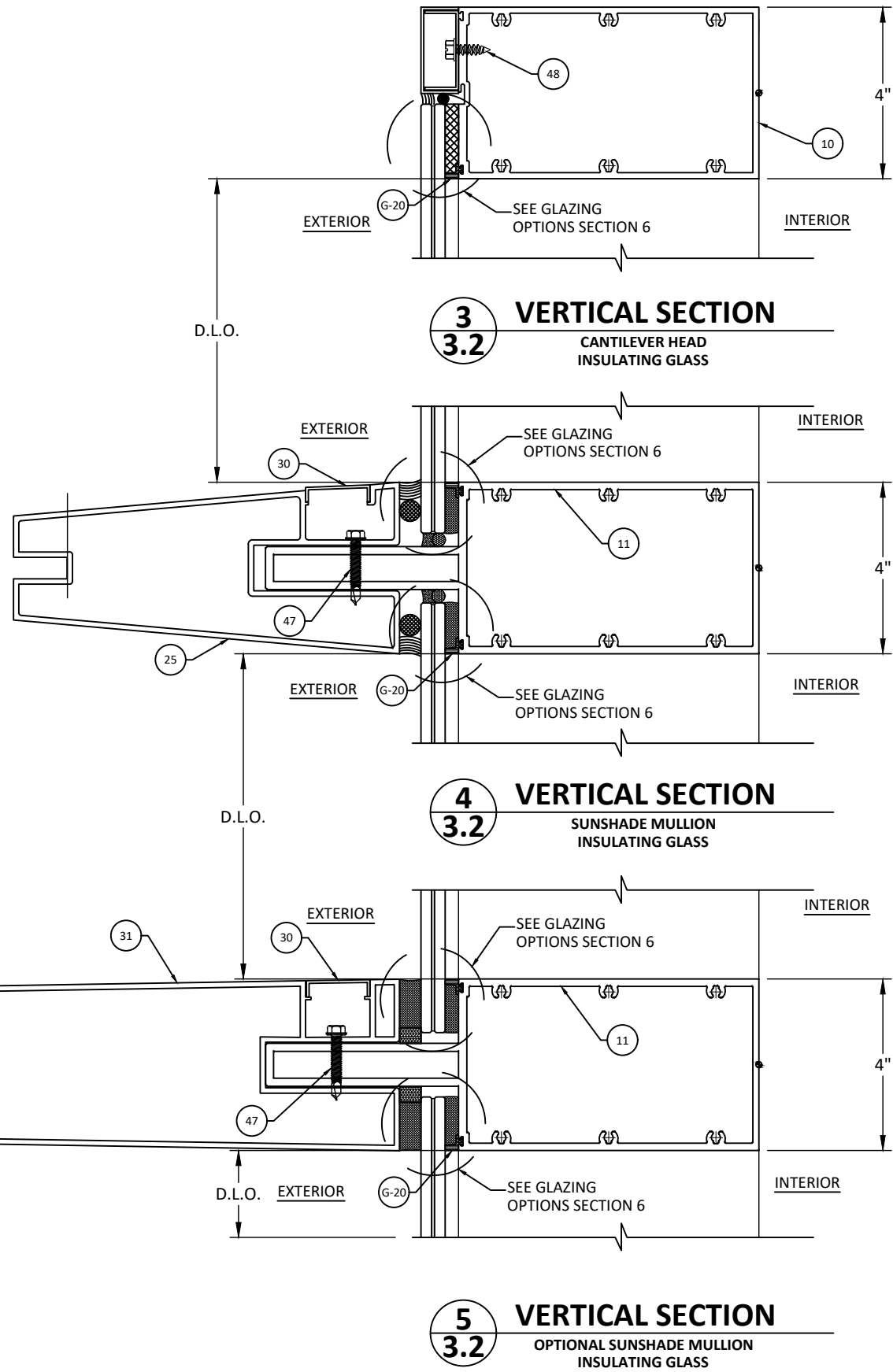
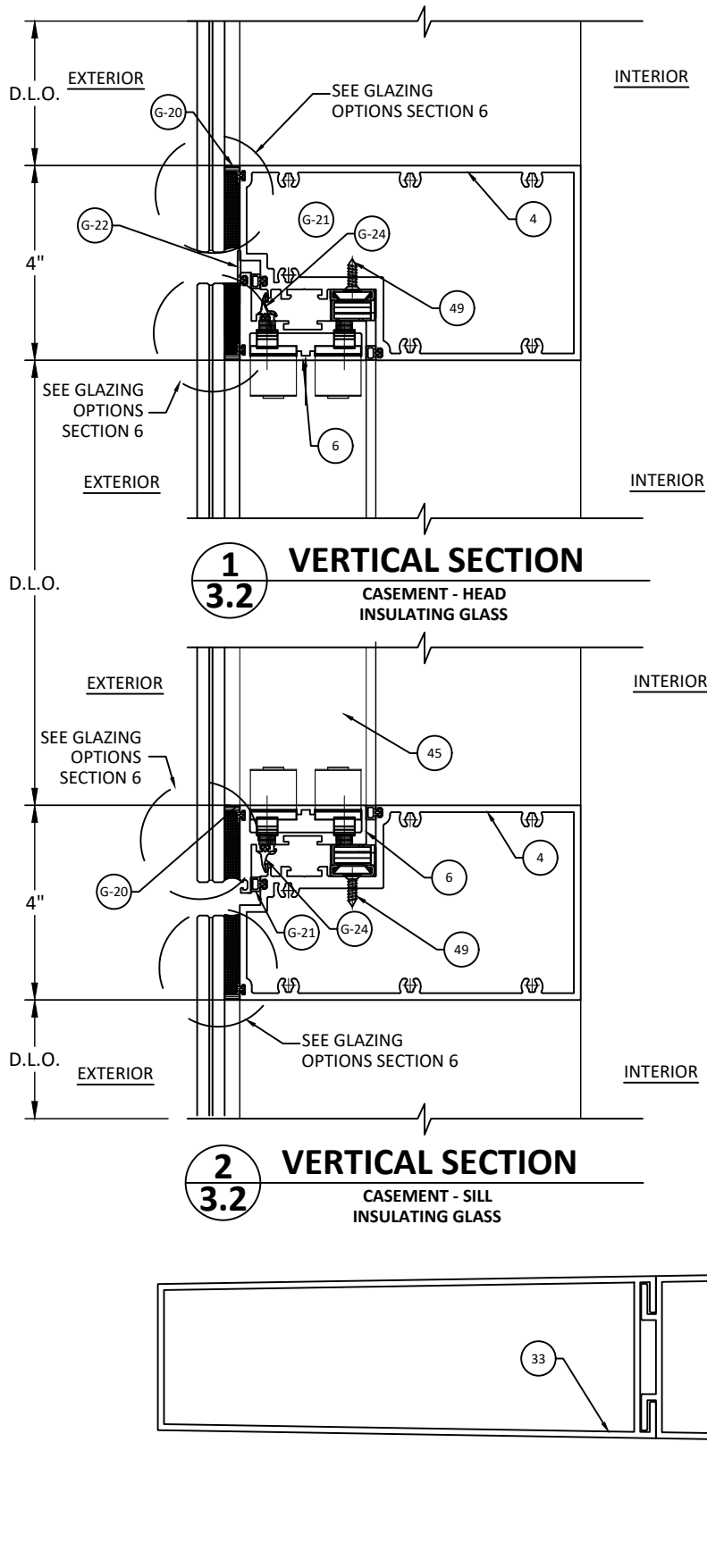
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VERTICAL SECTIONS



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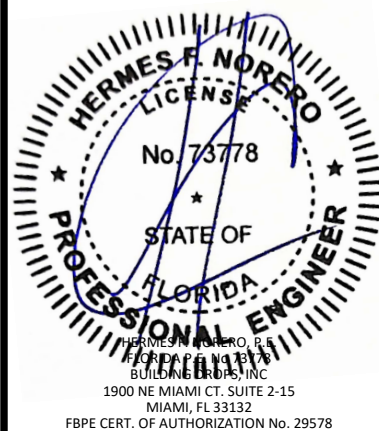
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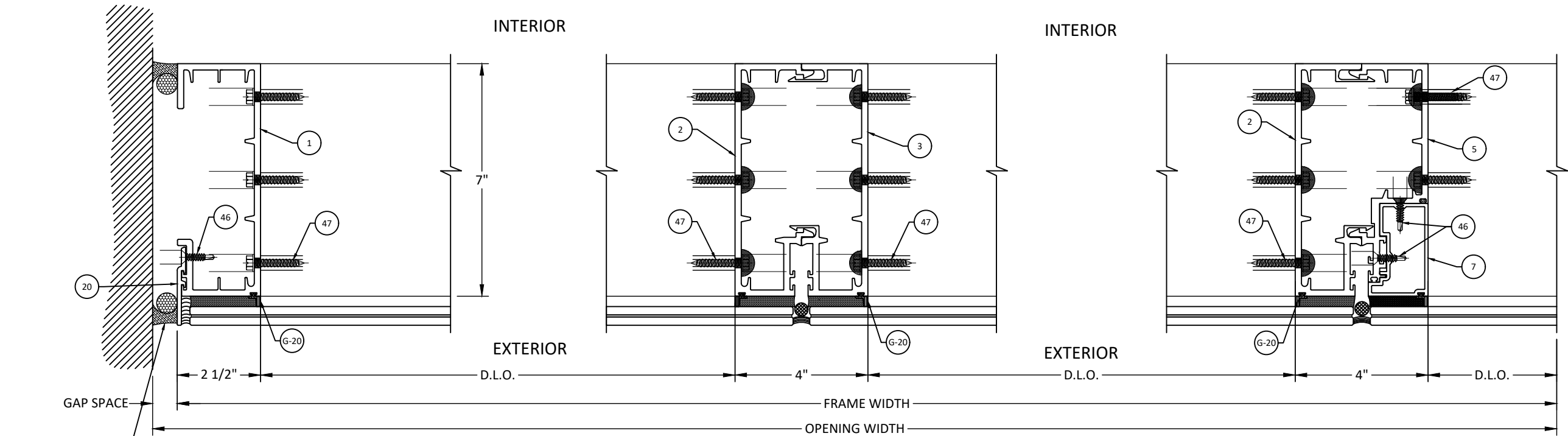
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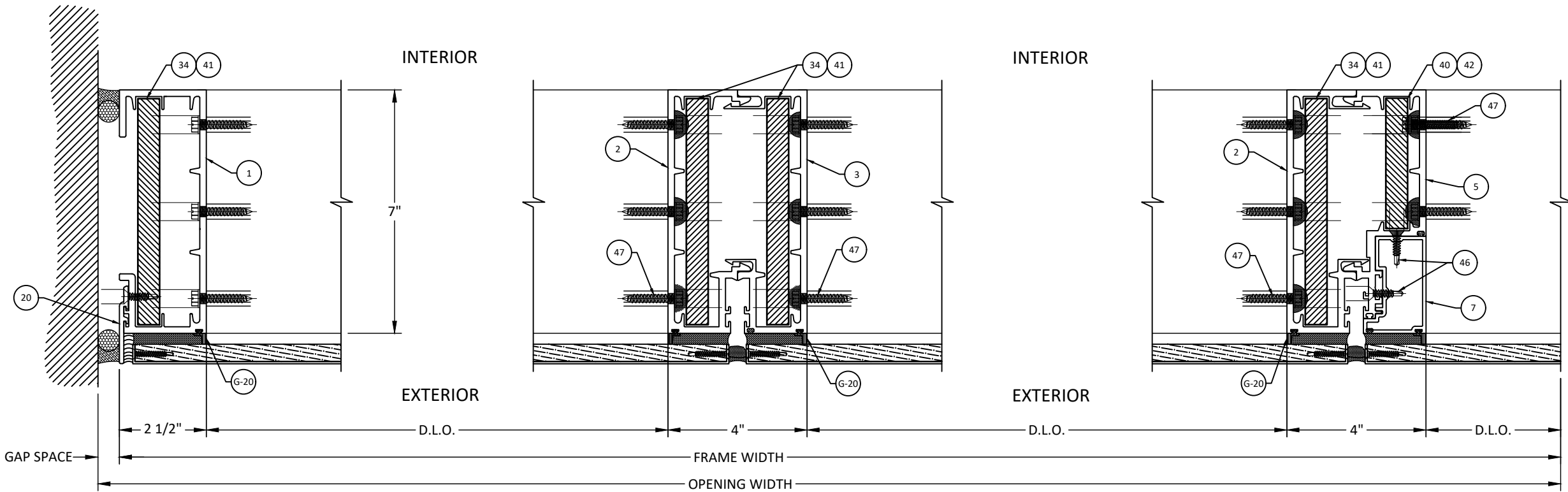
HORIZONTAL SECTIONS



1 HORIZONTAL SECTION
4.0 STANDARD JAMB LAMINATED GLASS

2 HORIZONTAL SECTION
4.0 STANDARD MULLION LAMINATED GLASS

3 HORIZONTAL SECTION
4.0 STANDARD MULLION W/ FILLER LAMINATED GLASS



4 HORIZONTAL SECTION
4.0 REINFORCED JAMB PANEL

5 HORIZONTAL SECTION
4.0 REINFORCED MULLION PANEL

6 HORIZONTAL SECTION
4.0 REINFORCED MULLION W/ FILLER PANEL



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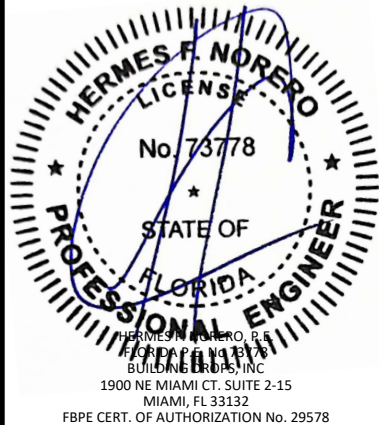
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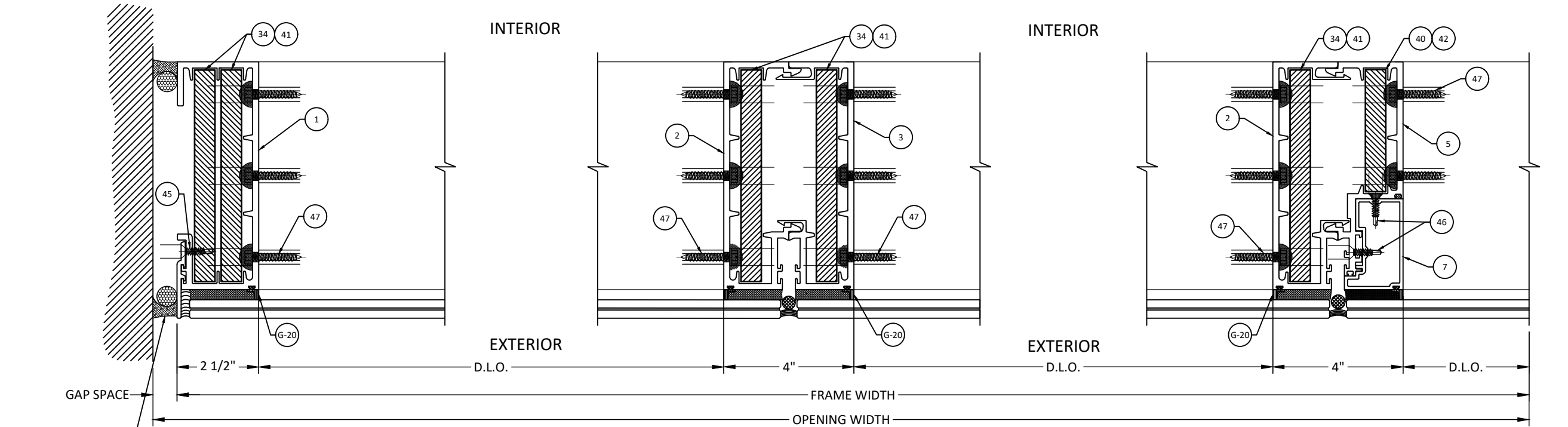
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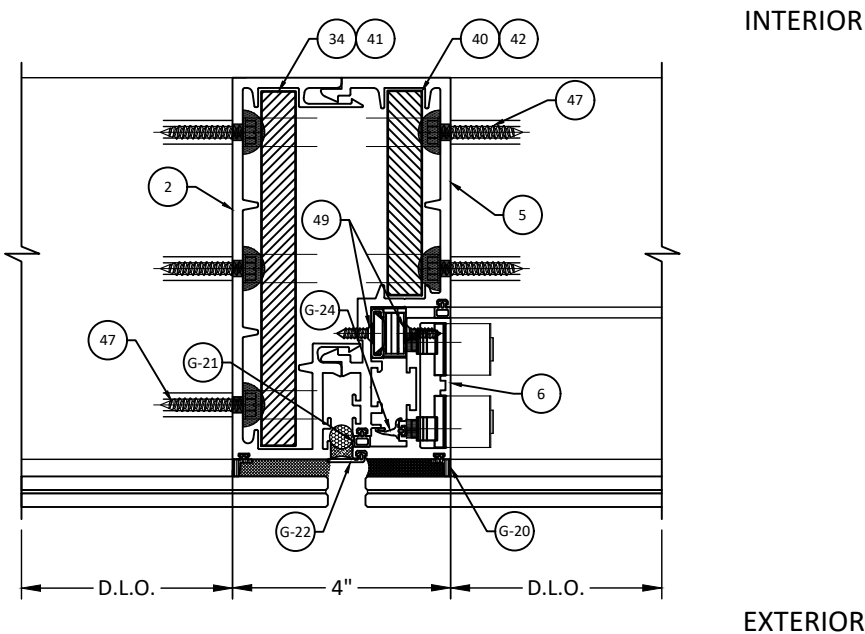
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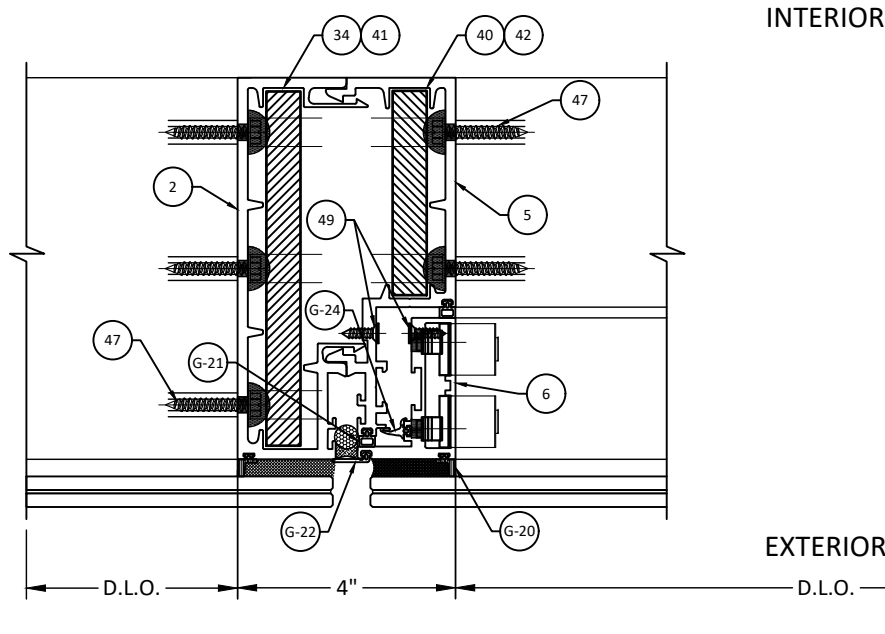
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2 HORIZONTAL SECTION
4.1 REINFORCED MULLION LAMINATED GLASS

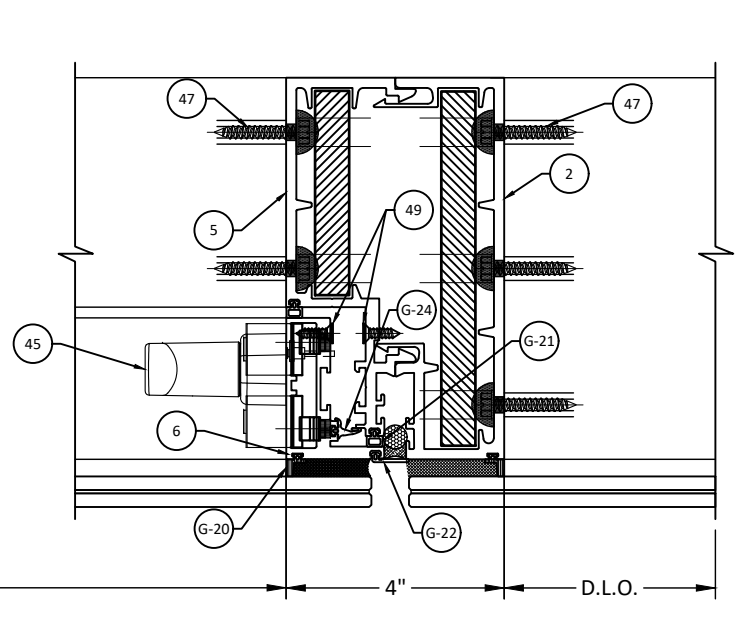
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4.1 REINFORCED MULLION W/ FILLER LAMINATED GLASS



4 HORIZONTAL SECTION
4.1 VENT MULLION - AWNING JAMB LAMINATED GLASS



5 HORIZONTAL SECTION
4.1 CASEMENT - HINGE LAMINATED GLASS



6 HORIZONTAL SECTION
4.1 CASEMENT - LOCK LAMINATED GLASS



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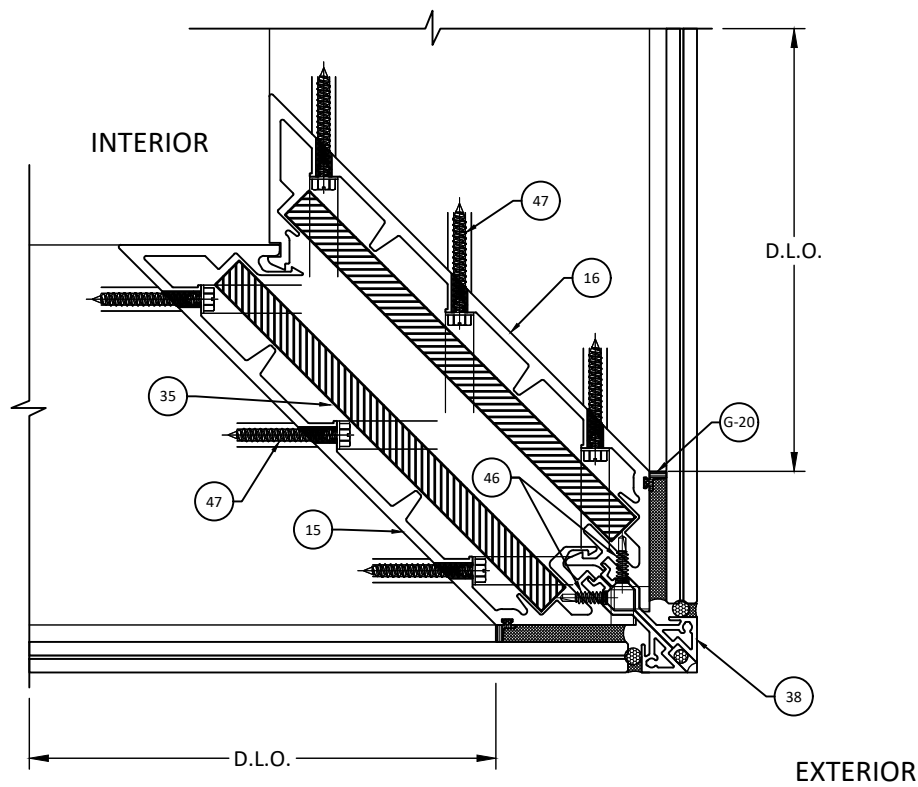
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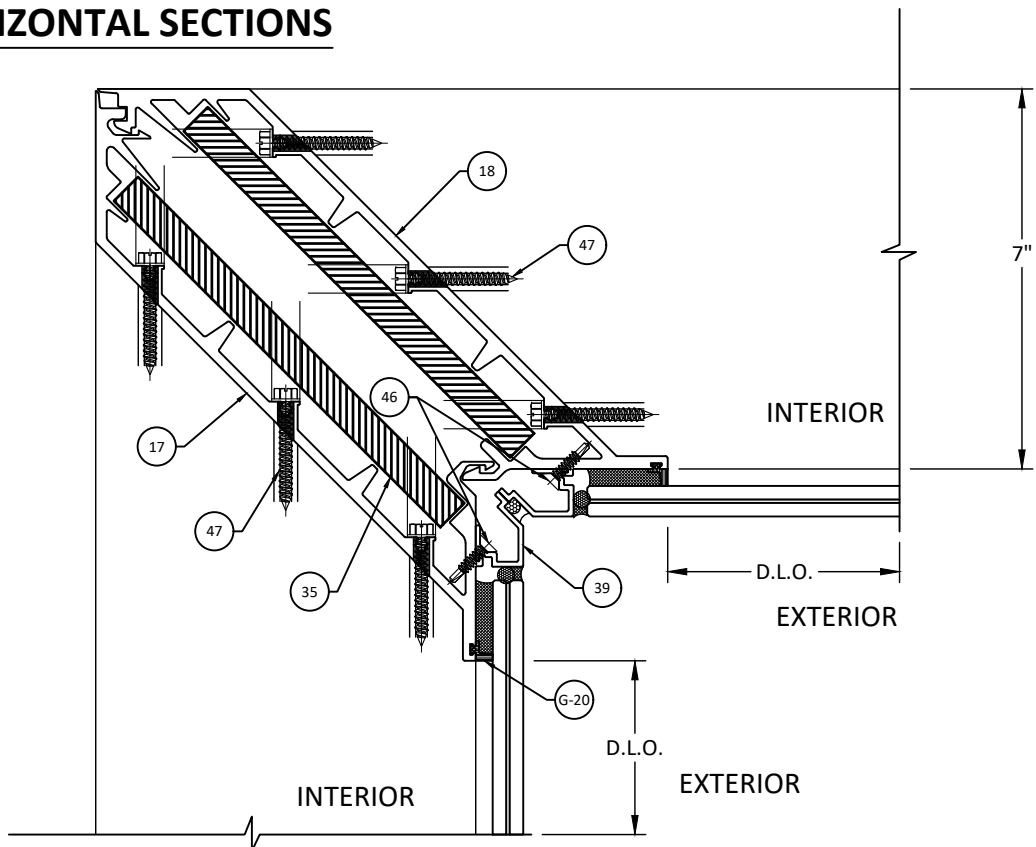
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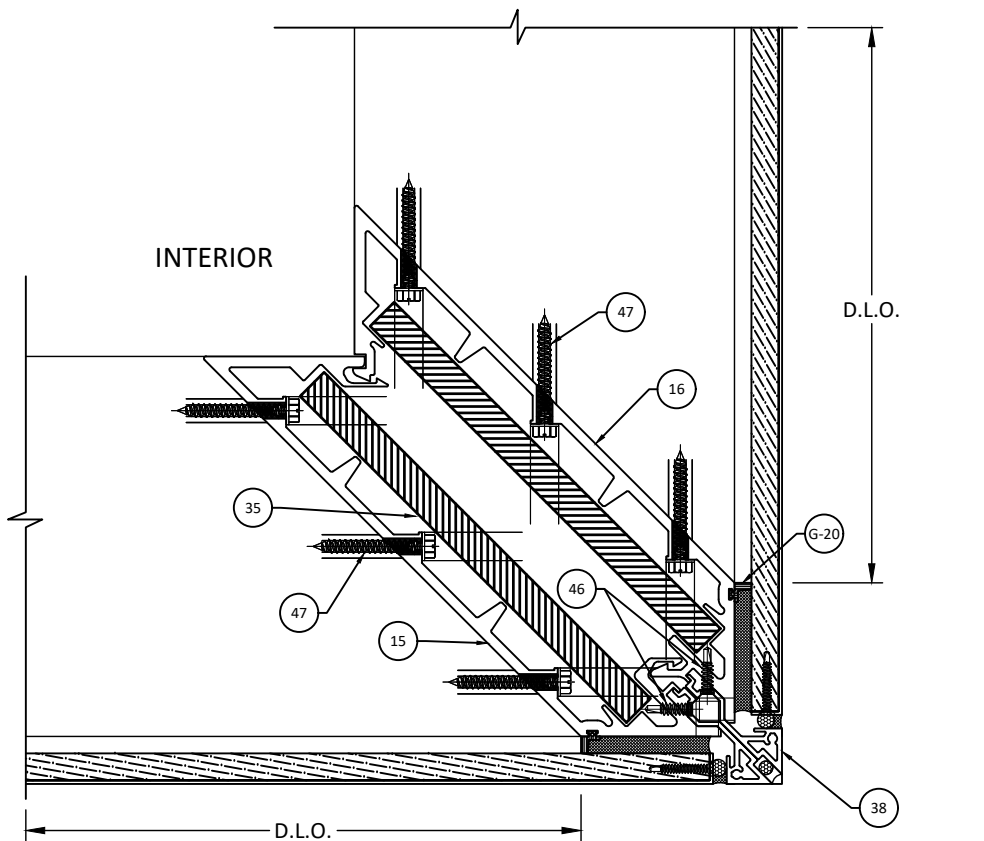
CORNER MULLIONS - HORIZONTAL SECTIONS



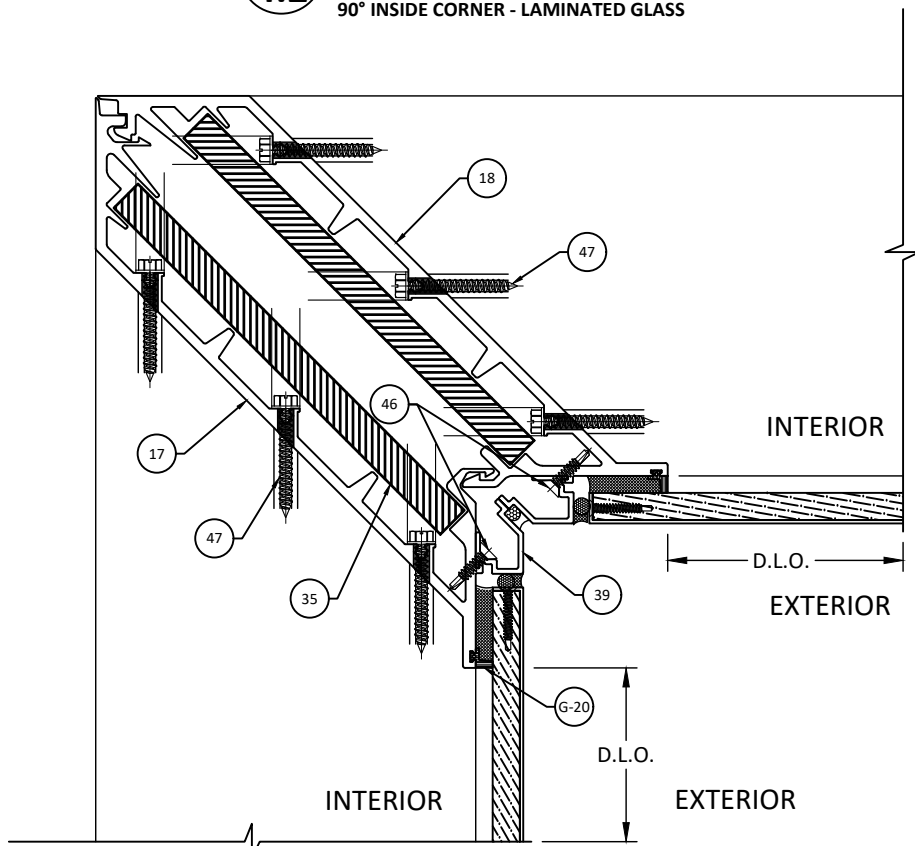
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4.2 STANDARD MULLION
90° OUTSIDE CORNER - LAMINATED GLASS



2 HORIZONTAL SECTION
4.2 STANDARD MULLION
90° INSIDE CORNER - LAMINATED GLASS



3 HORIZONTAL SECTION
4.2 STANDARD MULLION
90° OUTSIDE CORNER - PANELS



4 HORIZONTAL SECTION
4.2 STANDARD MULLION
90° INSIDE CORNER - PANELS

NOTE: REFER TO SECTION 4.6 FOR
REINFORCEMENT REQUIREMENTS



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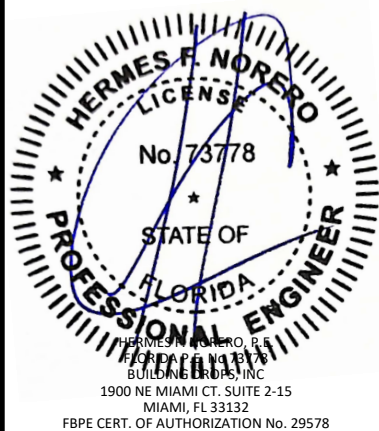
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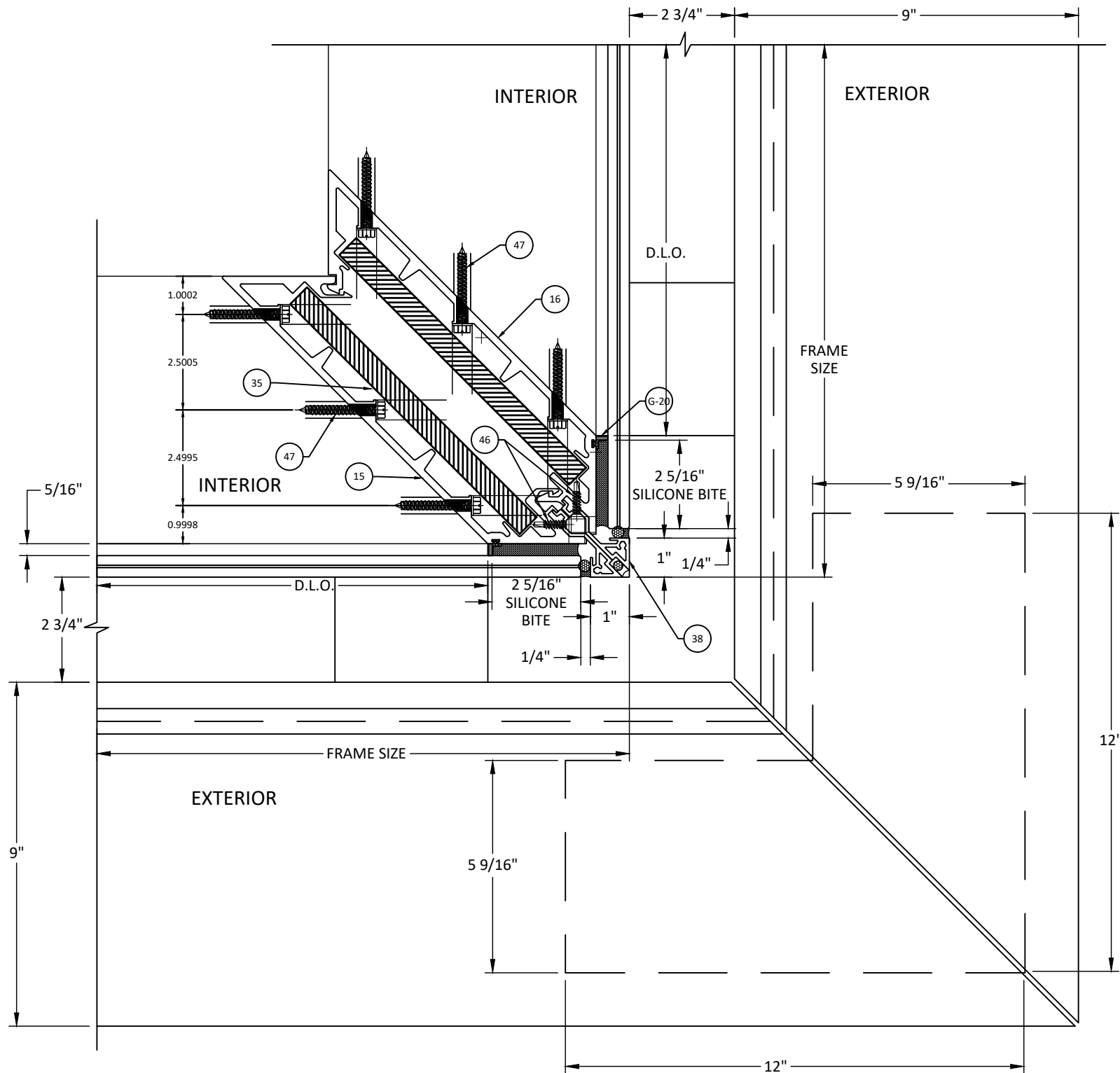
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CORNER MULLION W/ SUNSHADE - HORIZONTAL SECTIONS



1 **HORIZONTAL SECTION**
4.3 **STANDARD MULLION**
90° OUTSIDE CORNER - LAMINATED GLASS

NOTE: REFER TO SECTION 4.6 FOR
REINFORCEMENT REQUIREMENTS



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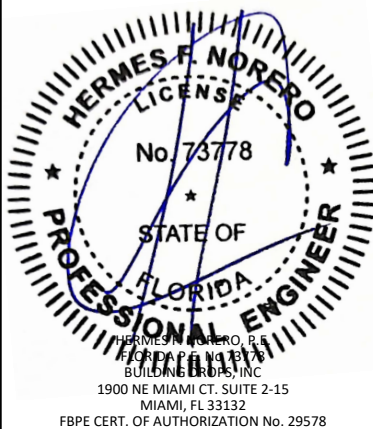
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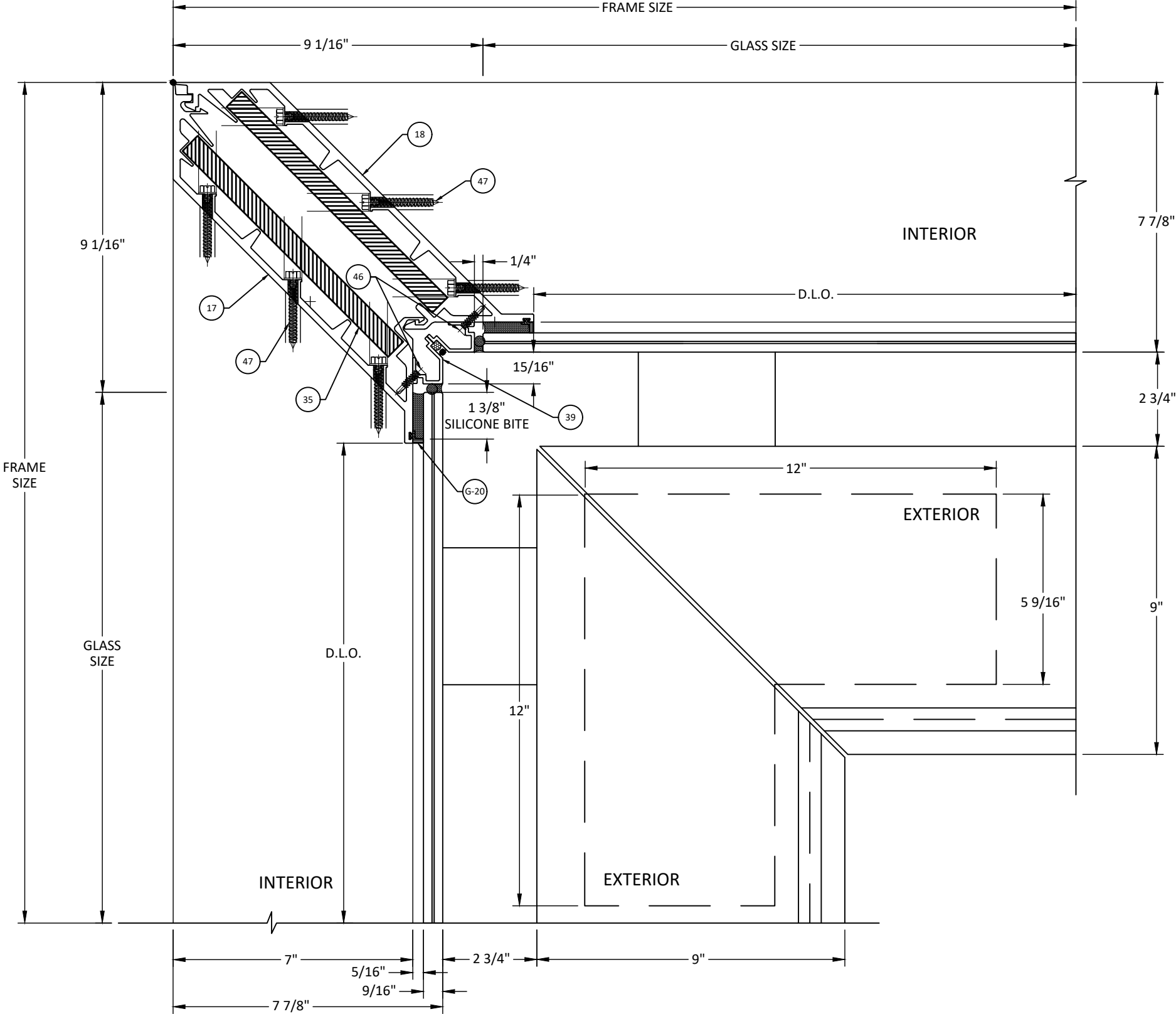
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CORNER MULLION W/ SUNSHADE - HORIZONTAL SECTIONS



2 HORIZONTAL SECTION
4.4 STANDARD MULLION
90° INSIDE CORNER - LAMINATED GLASS

NOTE: REFER TO SECTION 4.6 FOR
REINFORCEMENT REQUIREMENTS



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

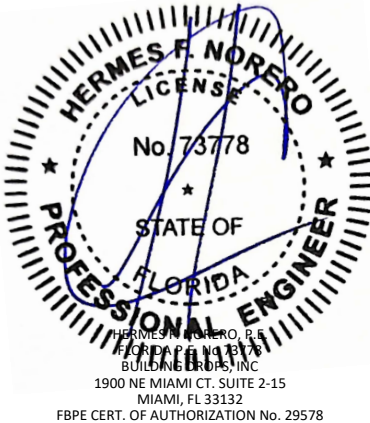
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.

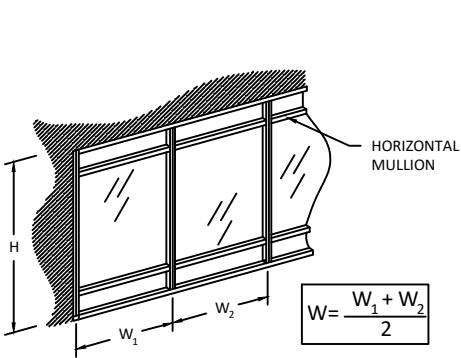


FL #:	FL41589
DATE:	01.07.2025
DWG. BY:	FB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GIP013
SHEET:	4.4

MULLION CAPACITY CHARTS

- NOTES:
- 1. DESIGN PRESSURES ARE LIMITED BY THE MULLION FIBERSTRESS AND DEFLECTION CAPACITY PER CURRENT FBC SPECIFICATIONS
 - 2. SELECT DESIGN PRESSURE AND PANEL WIDTH (W) AND OBTAIN THE MAXIMUM ALLOWABLE DESIGN PRESSURE FOR MULLION.
 - 3. FOR HORIZONTAL MULLIONS CAPACITY, SEE HORIZONTAL MULLION CHART.
 - 4. WHEN PANEL WIDTHS ARE NOT EQUAL, USE THE AVERAGE WIDTH FROM THE CHART.

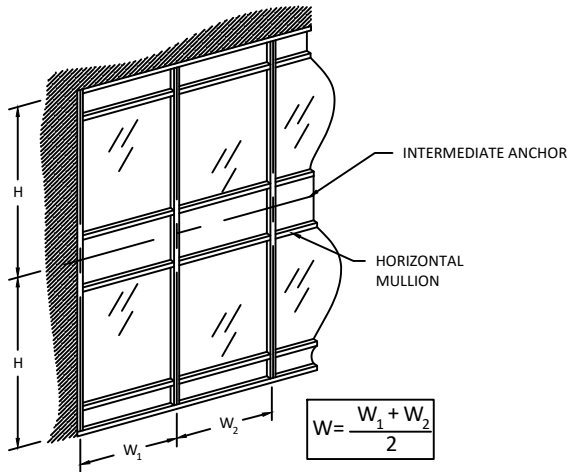
- CASE 1: MULTIPLE SPAN WITH (2) 72" STEEL SLEEVE BARS CENTERED ON SPLICE
- CASE 2: MULTIPLE SPAN WITH (2) 72" STEEL SLEEVE BARS CENTERED ON SPLICE AND FULL LENGTH ALUMINUM REINFORCEMENTS (6" FROM THE END OF FRAME AND 1/4" CLEARANCE BETWEEN MID ANCHOR SLEEVE AND END OF REINFORCEMENT)
- CASE 3: MULTIPLE SPAN WITH (2) 72" STEEL SLEEVE BARS CENTERED ON SPLICE AND FULL LENGTH STEEL REINFORCEMENTS (6" FROM THE END OF FRAME AND 1/4" CLEARANCE BETWEEN MID ANCHOR SLEEVE AND END OF REINFORCEMENT)
- CASE 4: MULTIPLE SPAN WITH (2) 36" ALUMINUM SLEEVE BARS CENTERED ON SPLICE AND (2) 16" ALUMINUM SLEEVE BARS CENTERED ON TOP INTERMEDIATE SUPPORT.
- CASE 5: SINGLE SPAN WITH FULL LENGTH ALUMINUM REINFORCEMENTS
- CASE 6: SINGLE SPAN WITH FULL LENGTH STEEL REINFORCEMENTS
- CASE 7: SINGLE SPAN WITH NO REINFORCEMENTS



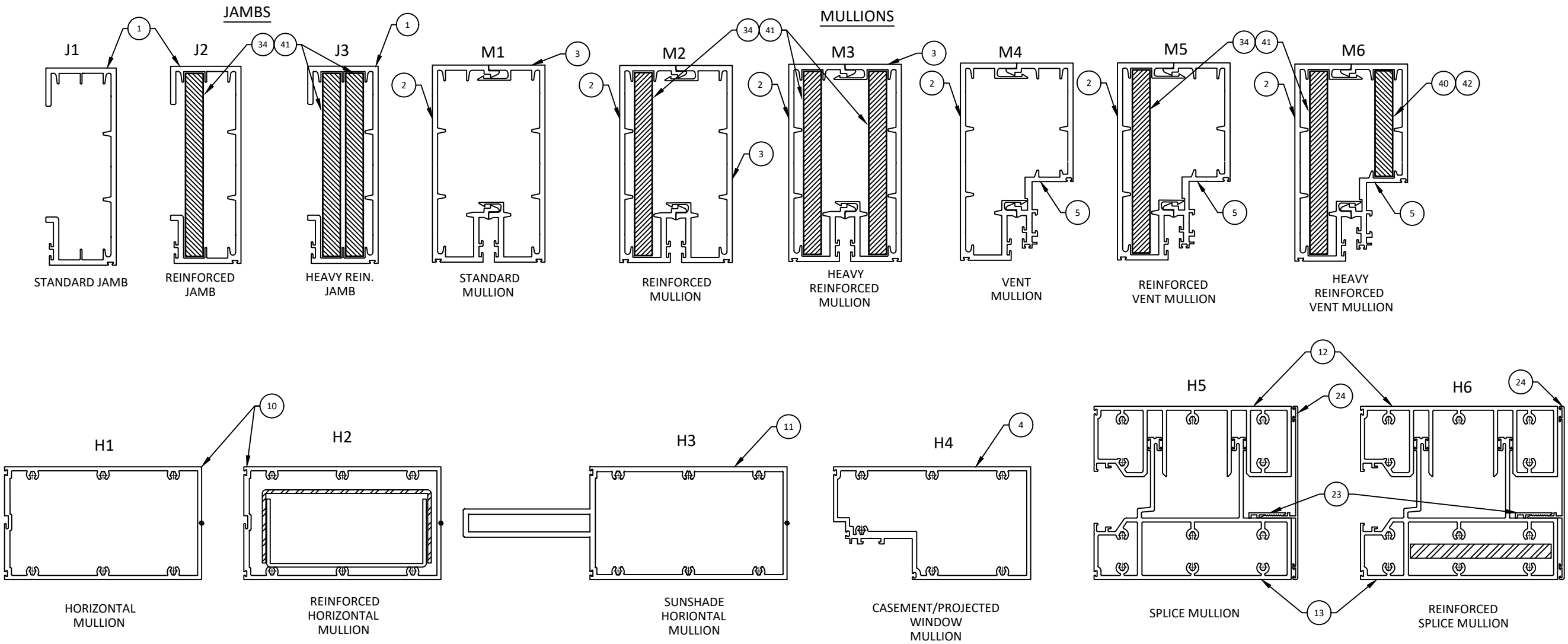
SINGLE SPAN

REINFORCING LENGTH = FRAME HEIGHT - 12 IN.

REFER TO SECTION 4.5A-4.5E FOR JAMB AND MULLION CAPACITY TABLE.



MULTIPLE SPAN



GLOBAL IMPACT PRODUCTS
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PH: (561) 346-3649

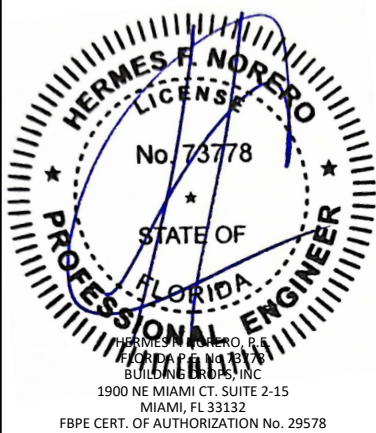
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
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HORIZONTAL SECTIONS

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REMARKS	BY	DATE

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	OF 9

c:\Users\franciscobreno\building_drops, inc\building_drops landing - common\projects\global industries & mfg., inc (global impact products)\fbc-24-1164 - fbc submittal - aluminum impact products\dwgs\gip013.dwg
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JAMB LOAD CAPACITY CHARTS

JAMB LOAD CAPACITY (+/- PSF)						
NOMINAL DIMS.		MULLION - 'J1'			MULLION - 'J2'	MULLION - 'J3'
		CASE 4	CASE 1	CASE 7	CASE 5	CASE 5
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	54.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	60.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	66.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	72.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	78.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0

JAMB LOAD CAPACITY (+/- PSF)						
NOMINAL DIMS.		MULLION - 'J1'			MULLION - 'J2'	MULLION - 'J3'
		CASE 4	CASE 1	CASE 7	CASE 5	CASE 5
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	84.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	90.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	96.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	102.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	108.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0

JAMB LOAD CAPACITY (+/- PSF)						
NOMINAL DIMS.		MULLION - 'J1'			MULLION - 'J2'	MULLION - 'J3'
		CASE 4	CASE 1	CASE 7	CASE 5	CASE 5
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	114.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	120.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0	120.0
24.00	126.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	--	120.0	120.0
24.00	132.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0
72.00		120.0	120.0	--	120.0	120.0
24.00	138.00	120.0	120.0	120.0	120.0	120.0
30.00		120.0	120.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	--	120.0	120.0
72.00		120.0	120.0	--	120.0	120.0



GLOBAL IMPACT PRODUCTS
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PH: (561) 346-3649

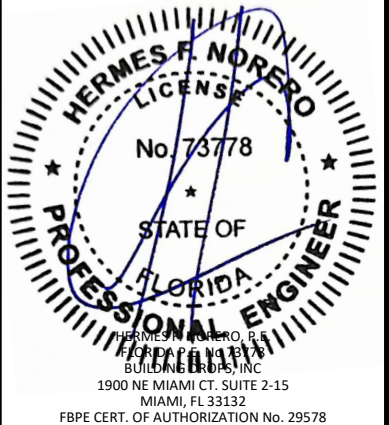
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**GLOBAL
IMPACT
PRODUCTS**
MANUFACTURER WINDOWS & DOORS

GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

JAMB LOAD CAPACITY (+/- PSF)						
NOMINAL DIMS.		MULLION - 'J1'			MULLION - 'J2'	MULLION - 'J3'
		CASE 4	CASE 1	CASE 7	CASE 5	CASE 5
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	174.00	120.0	120.0	--	120.0	120.0
30.00		120.0	120.0	--	120.0	120.0
36.00		120.0	120.0	--	120.0	120.0
42.00		120.0	120.0	--	120.0	120.0
48.00		120.0	120.0	--	120.0	120.0
54.00		120.0	120.0	--	120.0	120.0
60.00		120.0	120.0	--	120.0	120.0
66.00		--	120.0	--	--	120.0
72.00		--	120.0	--	--	120.0
24.00	180.00	120.0	120.0	--	120.0	120.0
30.00		120.0	120.0	--	120.0	120.0
36.00		120.0	120.0	--	120.0	120.0
42.00		120.0	120.0	--	120.0	120.0
48.00		120.0	120.0	--	120.0	120.0
54.00		120.0	120.0	--	120.0	120.0
60.00		120.0	120.0	--	120.0	120.0
66.00		--	120.0	--	--	120.0
72.00		--	120.0	--	--	120.0
24.00	186.00	--	120.0	--	--	120.0
30.00		--	120.0	--	--	120.0
36.00		--	120.0	--	--	120.0
42.00		--	120.0	--	--	120.0
48.00		--	120.0	--	--	120.0
54.00		--	120.0	--	--	120.0
60.00		--	120.0	--	--	120.0
66.00		--	120.0	--	--	120.0
72.00		--	120.0	--	--	120.0
24.00	192.00	--	120.0	--	--	120.0
30.00		--	120.0	--	--	120.0
36.00		--	120.0	--	--	120.0
42.00		--	120.0	--	--	120.0
48.00		--	120.0	--	--	120.0
54.00		--	120.0	--	--	120.0
60.00		--	120.0	--	--	120.0
66.00		--	120.0	--	--	120.0
72.00		--	120.0	--	--	120.0
24.00	200.00	--	120.0	--	--	--
30.00		--	120.0	--	--	--
36.00		--	120.0	--	--	--
42.00		--	120.0	--	--	--
48.00		--	120.0	--	--	--
54.00		--	120.0	--	--	--
60.00		--	120.0	--	--	--
66.00		--	120.0	--	--	--
72.00		--	120.0	--	--	--

JAMB LOAD CAPACITY (+/- PSF)						
NOMINAL DIMS.		MULLION - 'J1'			MULLION - 'J2'	MULLION - 'J3'
		CASE 4	CASE 1	CASE 7	CASE 5	CASE 5
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	206.00	--	120.0	--	--	--
30.00		--	120.0	--	--	--
36.00		--	120.0	--	--	--
42.00		--	120.0	--	--	--
48.00		--	120.0	--	--	--
54.00		--	120.0	--	--	--
60.00		--	120.0	--	--	--
66.00		--	120.0	--	--	--
72.00		--	120.0	--	--	--
24.00	212.00	--	120.0	--	--	--
30.00		--	120.0	--	--	--
36.00		--	120.0	--	--	--
42.00		--	120.0	--	--	--
48.00		--	120.0	--	--	--
54.00		--	120.0	--	--	--
60.00		--	120.0	--	--	--
66.00		--	120.0	--	--	--
72.00		--	120.0	--	--	--
24.00	216.00	--	120.0	--	--	--
30.00		--	120.0	--	--	--
36.00		--	120.0	--	--	--
42.00		--	120.0	--	--	--
48.00		--	120.0	--	--	--
54.00		--	120.0	--	--	--
60.00		--	120.0	--	--	--
66.00		--	120.0	--	--	--
72.00		--	120.0	--	--	--

8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:

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DATE: 01.07.2025

DWG. BY: FB	CHK. BY: HFN
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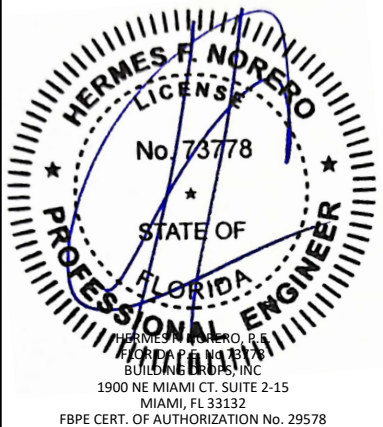
SCALE: NTS

DWG. #: **GIP013**

SHEET:

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GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

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OF 9

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MULLION LOAD CAPACITY CHARTS

MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		MULLION - 'M3' & 'M6'		
		CASE 2 & 3	CASE 5	CASE 6
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	54.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00	60.00	120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00	66.00	120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00	72.00	120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00	78.00	120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0

MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		MULLION - 'M3' & 'M6'		
		CASE 2 & 3	CASE 5	CASE 6
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	84.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00	90.00	120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00	96.00	120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00	102.00	120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00	108.00	120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0

MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		MULLION - 'M3' & 'M6'		
		CASE 2 & 3	CASE 5	CASE 6
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	114.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00	120.00	120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00	126.00	120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00	132.00	120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00	138.00	120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00		120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0



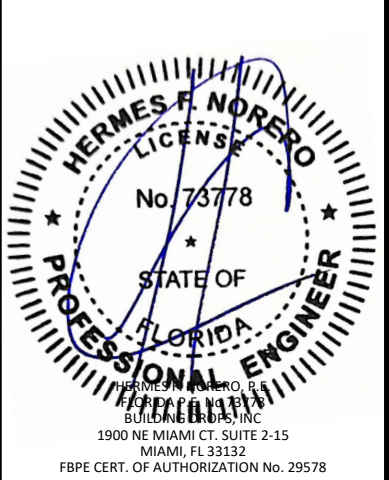
GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
FL41589

DATE: **01.07.2025**

DWG. BY: **FB** | CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GIP013**

SHEET:
4.5D
OF 9

c:\Users\Franciscobrite\building_drops, inc\building drops landing - common\projects\global industries & mfg., inc (global impact products)\fbc-24-1164 - fbc submittal - aluminum impact products\dwgs\gip013.dwg 1/27/2025 10:38 AM

MULLION LOAD CAPACITY CHARTS

MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		MULLION - 'M3' & 'M6'		
		CASE 2 & 3	CASE 5	CASE 6
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	144.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00	149.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	120.0	120.0
24.00	156.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	--	120.0
24.00	162.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	120.0	120.0
72.00		120.0	--	120.0
24.00	168.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	--	120.0
72.00		120.0	--	120.0

MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		MULLION - 'M3' & 'M6'		
		CASE 2 & 3	CASE 5	CASE 6
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	174.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	--	120.0
72.00		120.0	--	120.0
24.00	180.00	120.0	120.0	120.0
30.00		120.0	120.0	120.0
36.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0
48.00		120.0	120.0	120.0
54.00		120.0	120.0	120.0
60.00		120.0	120.0	120.0
66.00		120.0	--	120.0
72.00		120.0	--	120.0
24.00	186.00	120.0	--	120.0
30.00		120.0	--	120.0
36.00		120.0	--	120.0
42.00		120.0	--	120.0
48.00		120.0	--	120.0
54.00		120.0	--	120.0
60.00		120.0	--	120.0
66.00		120.0	--	120.0
72.00		120.0	--	120.0
24.00	192.00	120.0	--	120.0
30.00		120.0	--	120.0
36.00		120.0	--	120.0
42.00		120.0	--	120.0
48.00		120.0	--	120.0
54.00		120.0	--	120.0
60.00		120.0	--	120.0
66.00		120.0	--	120.0
72.00		120.0	--	120.0
24.00	200.00	120.0	--	--
30.00		120.0	--	--
36.00		120.0	--	--
42.00		120.0	--	--
48.00		120.0	--	--
54.00		120.0	--	--
60.00		120.0	--	--
66.00		120.0	--	--
72.00		120.0	--	--

MULLION LOAD CAPACITY (+/- PSF)				
NOMINAL DIMS.		MULLION - 'M3' & 'M6'		
		CASE 2 & 3	CASE 5	CASE 6
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
24.00	206.00	120.0	--	--
30.00		120.0	--	--
36.00		120.0	--	--
42.00		120.0	--	--
48.00		120.0	--	--
54.00		120.0	--	--
60.00		120.0	--	--
66.00		120.0	--	--
72.00		120.0	--	--
24.00	212.00	120.0	--	--
30.00		120.0	--	--
36.00		120.0	--	--
42.00		120.0	--	--
48.00		120.0	--	--
54.00		120.0	--	--
60.00		120.0	--	--
66.00		120.0	--	--
72.00		120.0	--	--
24.00	216.00	120.0	--	--
30.00		120.0	--	--
36.00		120.0	--	--
42.00		120.0	--	--
48.00		120.0	--	--
54.00		120.0	--	--
60.00		120.0	--	--
66.00		120.0	--	--
72.00		120.0	--	--



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

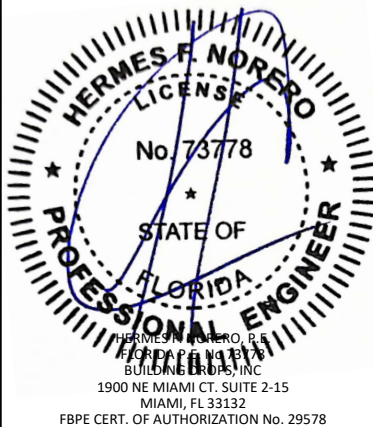
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
FL41589

DATE: **01.07.2025**

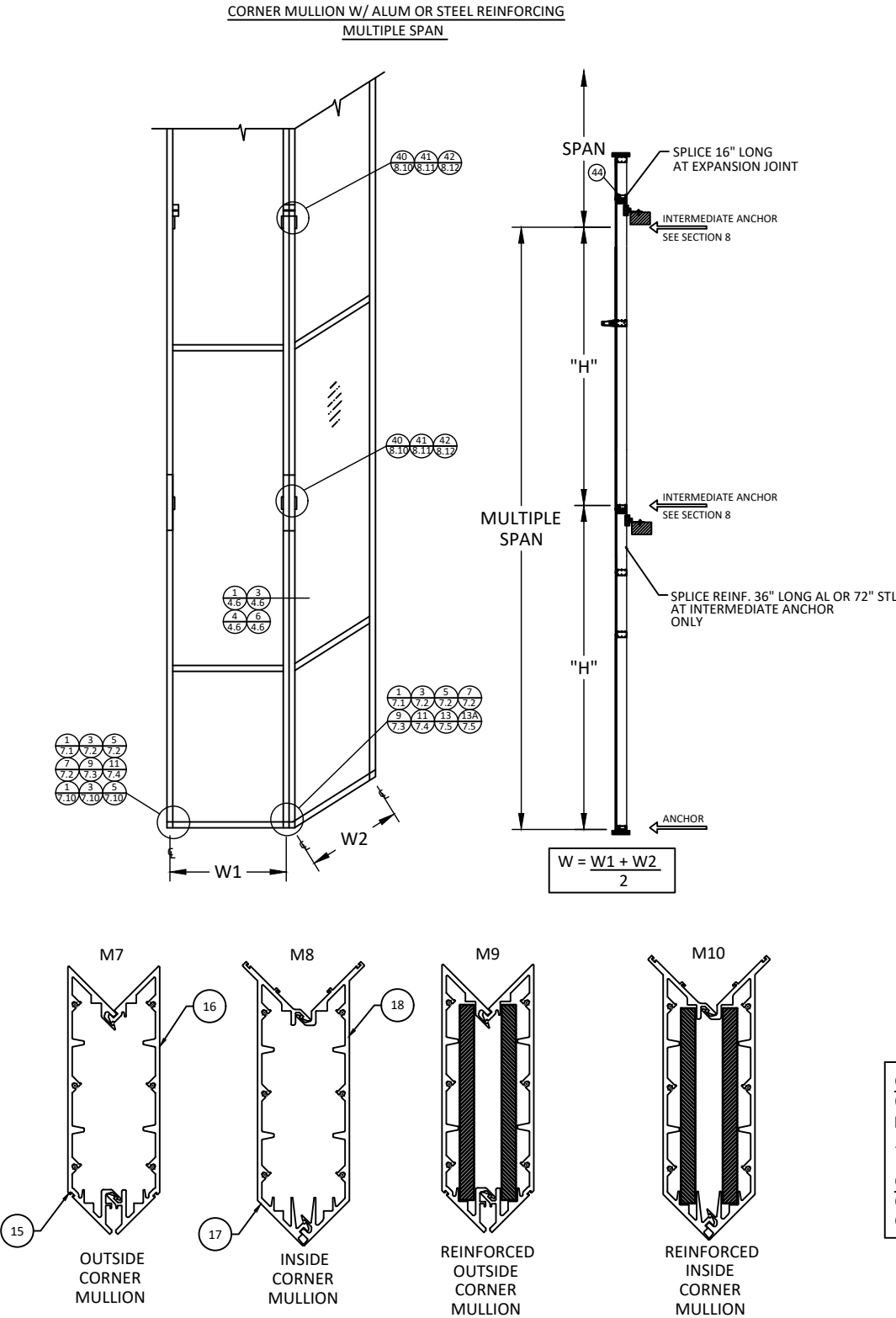
DWG. BY: **FB** | CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GIP013**

SHEET:
4.5E
OF 9

CORNER MULLIONS -
INTERMEDIATE ANCHOR & SLEEVE LOCATION



CASE 2: MULTIPLE SPAN WITH (2) 72" STEEL SLEEVE BARS CENTERED ON SPLICE AND FULL LENGTH ALUMINUM REINFORCEMENTS (6" FROM THE END OF FRAME AND 1/4" CLEARANCE BETWEEN MID ANCHOR SLEEVE AND END OF REINFORCEMENT)

CASE 4: MULTIPLE SPAN WITH (2) 36" ALUMINUM SLEEVE BARS CENTERED ON SPLICE AND (2) 16" ALUMINUM SLEEVE BARS CENTERED ON TOP INTERMEDIATE SUPPORT.



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
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REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
FL41589

DATE: **01.07.2025**

DWG. BY: FB	CHK. BY: HFN
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SCALE: **NTS**

DWG. #: **GIP013**

SHEET:
4.6
OF 9

c:\Users\Franciscobreno\building_drops, inc\building_drops landing - common\projects\global industries & mfg., inc. (global impact products)\fbc-24-1164 - fbc submittal - aluminum impact products\dwgs\gip013.dwg 1/27/2025 10:38 AM

CORNER MULLION CAPACITY CHARTS

CORNER MULLION LOAD CAPACITY (+/- PSF)					
NOMINAL DIMS.		MULLION - 'M10'	MULLION - 'M8'	MULLION - 'M9'	MULLION - 'M7'
		Case 1	Case 2	Case 1	Case 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.00	90.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0
36.00	96.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0
36.00	102.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0

CORNER MULLION LOAD CAPACITY (+/- PSF)					
NOMINAL DIMS.		MULLION - 'M10'	MULLION - 'M8'	MULLION - 'M9'	MULLION - 'M7'
		Case 1	Case 2	Case 1	Case 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.00	108.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0
36.00	114.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0
36.00	120.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0

CORNER MULLION LOAD CAPACITY (+/- PSF)					
NOMINAL DIMS.		MULLION - 'M10'	MULLION - 'M8'	MULLION - 'M9'	MULLION - 'M7'
		Case 1	Case 2	Case 1	Case 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.00	126.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0
36.00	132.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	120.0	120.0	120.0
36.00	138.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	120.0	120.0	120.0
84.00		120.0	--	120.0	120.0
36.00	144.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	--	120.0	120.0
84.00		120.0	--	120.0	120.0



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
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REMARKS	BY	DATE

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FL #:
FL41589

DATE: **01.07.2025**

DWG. BY: **FB**CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GIP013**

SHEET:
4.6A
OF 9

CORNER MULLION CAPACITY CHARTS

CORNER MULLION LOAD CAPACITY (+/- PSF)					
NOMINAL DIMS.		MULLION - 'M10'	MULLION - 'M8'	MULLION - 'M9'	MULLION - 'M7'
		Case 1	Case 2	Case 1	Case 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.00	150.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	120.0	120.0
78.00		120.0	--	120.0	120.0
84.00		120.0	--	120.0	120.0
36.00		156.00	120.0	120.0	120.0
42.00	120.0		120.0	120.0	120.0
48.00	120.0		120.0	120.0	120.0
54.00	120.0		120.0	120.0	120.0
60.00	120.0		120.0	120.0	120.0
66.00	120.0		120.0	120.0	120.0
72.00	120.0		--	120.0	120.0
78.00	120.0		--	120.0	120.0
84.00	120.0		--	120.0	120.0
36.00	162.00		120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0
72.00		120.0	--	120.0	120.0
78.00		120.0	--	120.0	120.0
84.00		120.0	--	120.0	120.0
36.00		168.00	120.0	120.0	120.0
42.00	120.0		120.0	120.0	120.0
48.00	120.0		120.0	120.0	120.0
54.00	120.0		120.0	120.0	120.0
60.00	120.0		120.0	120.0	120.0
66.00	120.0		120.0	120.0	120.0
72.00	120.0		--	120.0	120.0
78.00	120.0		--	120.0	120.0
84.00	120.0		--	120.0	120.0

CORNER MULLION LOAD CAPACITY (+/- PSF)					
NOMINAL DIMS.		MULLION - 'M10'	MULLION - 'M8'	MULLION - 'M9'	MULLION - 'M7'
		Case 1	Case 2	Case 1	Case 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.00	174.00	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
66.00		120.0	--	120.0	120.0
72.00		120.0	--	120.0	120.0
78.00		120.0	--	120.0	120.0
84.00		120.0	--	120.0	120.0
36.00		180.00	120.0	120.0	120.0
42.00	120.0		120.0	120.0	120.0
48.00	120.0		120.0	120.0	120.0
54.00	120.0		120.0	120.0	120.0
60.00	120.0		120.0	120.0	120.0
66.00	120.0		--	120.0	120.0
72.00	120.0		--	120.0	120.0
78.00	120.0		--	120.0	120.0
84.00	120.0		--	120.0	--
36.00	186.00		120.0	--	120.0
42.00		120.0	--	120.0	--
48.00		120.0	--	120.0	--
54.00		120.0	--	120.0	--
60.00		120.0	--	120.0	--
66.00		120.0	--	120.0	--
72.00		120.0	--	120.0	--
78.00		120.0	--	120.0	--
84.00		120.0	--	120.0	--
36.00		192.00	120.0	--	120.0
42.00	120.0		--	120.0	--
48.00	120.0		--	120.0	--
54.00	120.0		--	120.0	--
60.00	120.0		--	120.0	--
66.00	120.0		--	120.0	--
72.00	120.0		--	120.0	--
78.00	120.0		--	120.0	--
84.00	--		--	120.0	--

CORNER MULLION LOAD CAPACITY (+/- PSF)					
NOMINAL DIMS.		MULLION - 'M10'	MULLION - 'M8'	MULLION - 'M9'	MULLION - 'M7'
		Case 1	Case 2	Case 1	Case 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
36.00	198.00	120.0	--	120.0	--
42.00		120.0	--	120.0	--
48.00		120.0	--	120.0	--
54.00		120.0	--	120.0	--
60.00		120.0	--	120.0	--
66.00		120.0	--	120.0	--
72.00		120.0	--	120.0	--
78.00		120.0	--	120.0	--
84.00		--	--	120.0	--
36.00		204.00	120.0	--	120.0
42.00	120.0		--	120.0	--
48.00	120.0		--	120.0	--
54.00	120.0		--	120.0	--
60.00	120.0		--	120.0	--
66.00	120.0		--	120.0	--
72.00	120.0		--	120.0	--
78.00	120.0		--	120.0	--
84.00	--		--	120.0	--
36.00	210.00		120.0	--	120.0
42.00		120.0	--	120.0	--
48.00		120.0	--	120.0	--
54.00		120.0	--	120.0	--
60.00		120.0	--	120.0	--
66.00		120.0	--	120.0	--
72.00		120.0	--	120.0	--
78.00		--	--	120.0	--
84.00		--	--	--	--
36.00		216.00	120.0	--	120.0
42.00	120.0		--	120.0	--
48.00	120.0		--	120.0	--
54.00	120.0		--	120.0	--
60.00	120.0		--	120.0	--
66.00	120.0		--	120.0	--
72.00	120.0		--	120.0	--
78.00	--		--	120.0	--
84.00	--		--	--	--



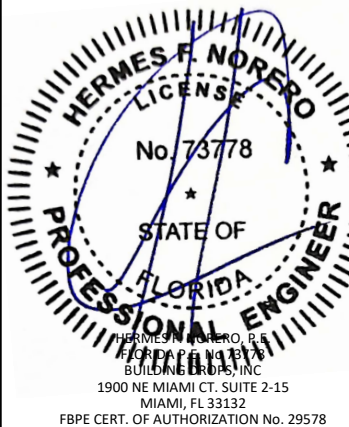
GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
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DATE: 01.07.2025

DWG. BY: FB	CHK. BY: HFN
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SCALE: NTS

DWG. #: **GIP013**

SHEET:

4.6B

c:\Users\Franciscobreno\building_drops, inc\global impact products\global industries & mfg., inc (global impact products)\fbc-24-1164 - fbc submittal - aluminum impact products\dwgs\gip013.dwg 1/27/2025 10:38 AM

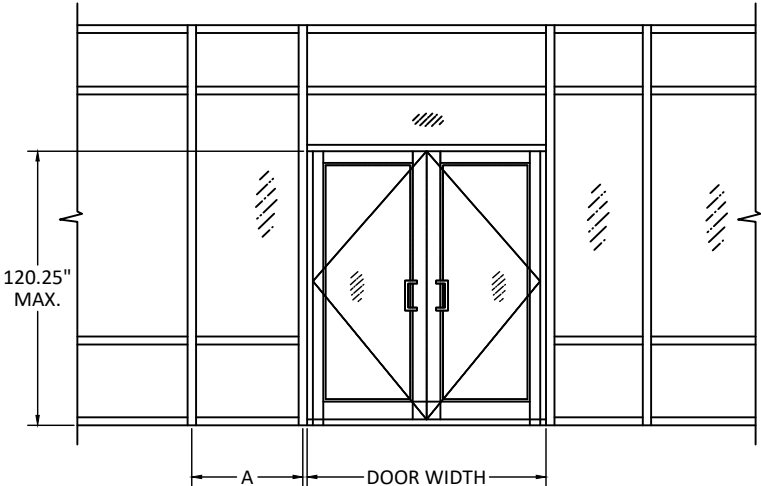
DOOR MULLION CAPACITY CHARTS

DOOR MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		Case 6 MULLION - 'M3'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)
36.00	54.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	60.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	66.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	72.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	78.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0

DOOR MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		Case 6 MULLION - 'M3'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)
36.00	84.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	90.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	96.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	102.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	108.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0

DOOR MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		Case 6 MULLION - 'M3'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)
36.00	114.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	120.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	126.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	132.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	138.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0

DOOR MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		Case 6 MULLION - 'M3'
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)
36.00	144.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	149.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	156.00	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
84.00		120.0
36.00	161.75	120.0
42.00		120.0
48.00		120.0
54.00		120.0
60.00		120.0
66.00		120.0
72.00		120.0
78.00		120.0
82.1875		120.0



CASE 6: SINGLE SPAN WITH FULL LENGTH STEEL REINFORCEMENTS

MAX. DOOR OPENING WIDTH (IN.)	A (IN.)	DP (+/- PSF)
100.00	60.375	100
84.00	76.375	100
72.00	88.375	100

- NOTE:
- FOR DOOR HEIGHT LESS THAN OR EQUAL TO 120" IN. USE ABOVE TABLE.
 - DOORS SHALL BE UNDER SEPARATE APPROVAL.

MULLION SPACING OR BAY WIDTH, 'W'	$*W = \frac{A + \text{DOOR WIDTH}}{2}$
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POMPANO BEACH, FL 33069
PH: (561) 346-3649

TITLE: 8000 SERIES ALUMINUM CURTAIN WALL SYSTEMS (HVHZ)/(IMPACT)

DOOR

PREPARED BY:

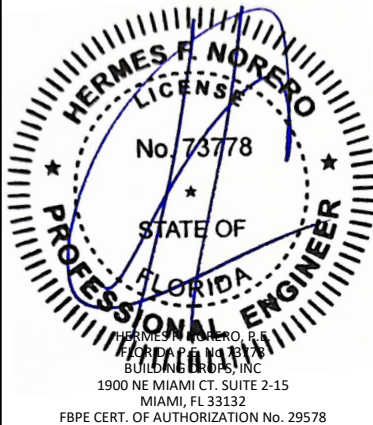
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SCALE: **NTS**

DWG. #: **GIP013**

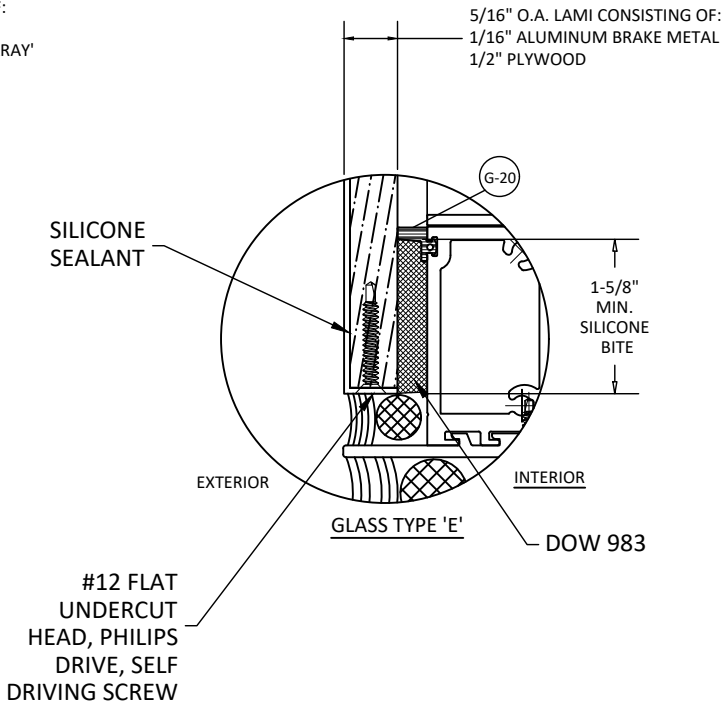
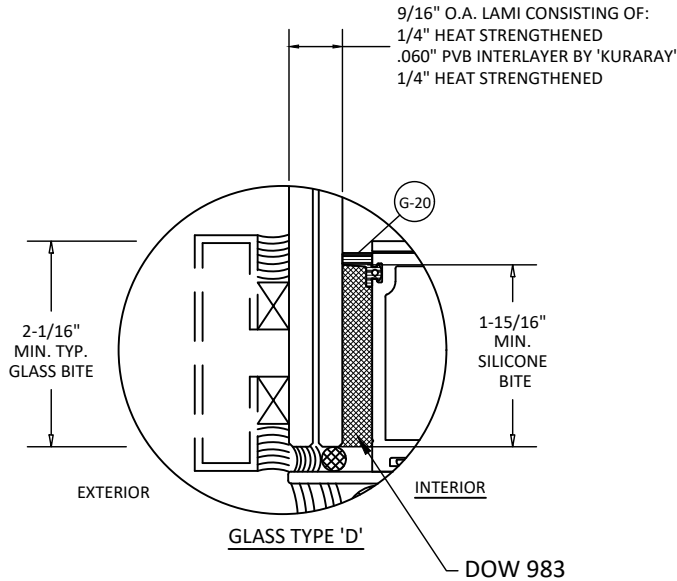
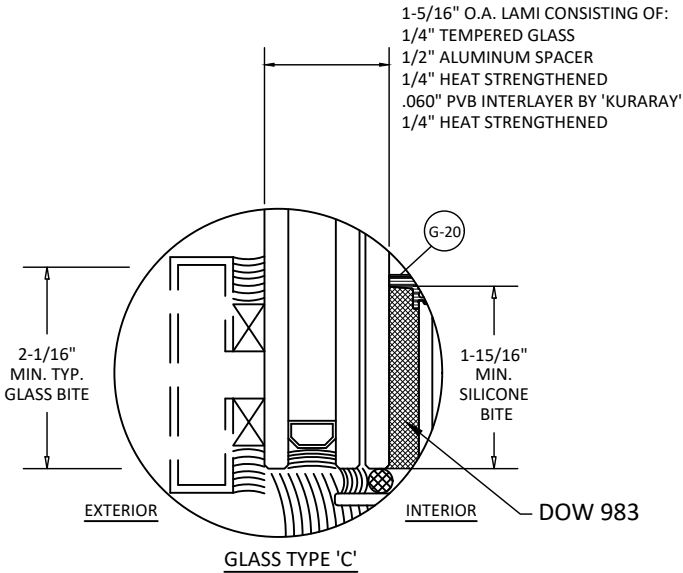
SHEET:

5.0

OF 9

LAMINATED GLASS, INSULATED GLASS & PANEL SMALL MISSILE IMPACT OPTIONS

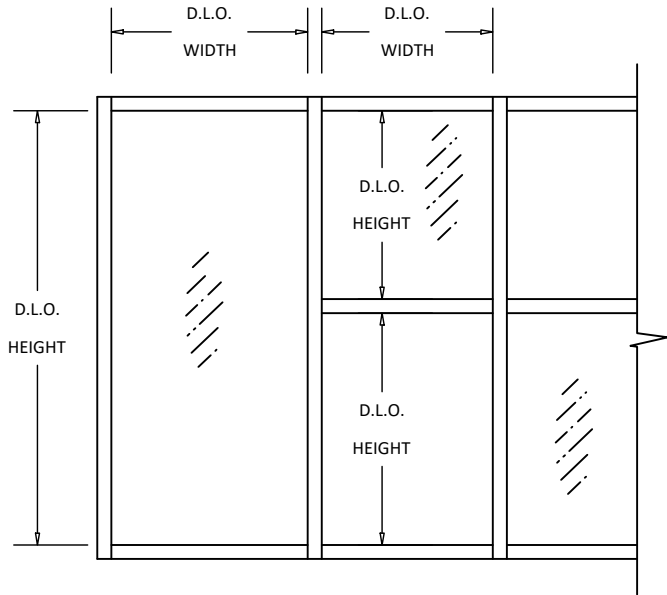
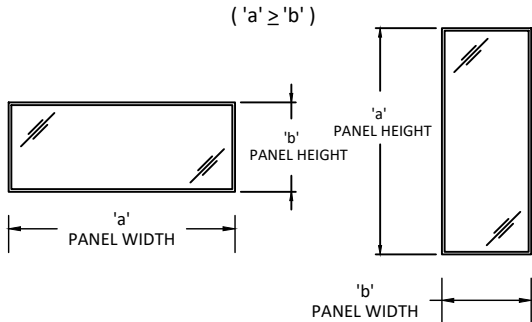
- NOTES:
- CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' (a > b), AND CH. 17 OF THE FBC FOR SIZES OTHER THAN TESTED
 - DO NOT EXCEED MULLION CAPACITY SELECTED OR ANCHOR CAPACITY IN DESIGN PRESSURE CHARTS



- NOTE:
- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 - APPROVED SETTING BLOCKS SHALL BE USED AND TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36".
 - WHERE REQUIRED, TEMPERED GLASS IS REQUIRED TO BE USED TO COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CHAPTER 24 OF THE CURRENT FBC.
 - D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

REFER TO SHEET 6.0A FOR LAMINATED, INSULATED GLASS & PANEL SMALL MISSILE IMPACT LOAD TABLE

PANEL DIMENSIONS



GLOBAL IMPACT PRODUCTS
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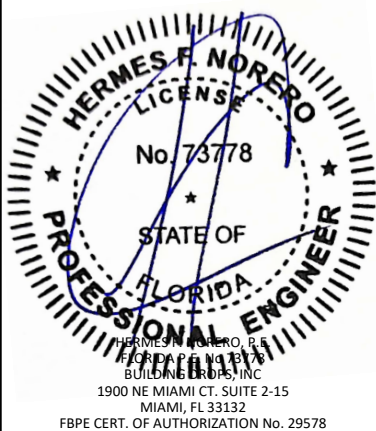
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ/IMPACT)
GLAZING DETAILS

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DWG. #:	GIP013
SHEET:	6.0

GLASS LOAD CAPACITY (PSF)					
NOMINAL DIMS.		GLASS TYPE 'C' & 'D'		GLASS TYPE 'E'	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48.00	102.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
68.00		120.0	120.0	-	-
72.00		113.3	113.3	-	-
78.00		104.6	104.6	-	-
48.00	108.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
68.00		120.0	120.0	-	-
72.00		113.3	113.3	-	-
78.00		104.6	104.6	-	-
48.00	114.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
68.00		120.0	120.0	-	-
72.00		113.3	113.3	-	-
48.00	120.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
68.00		120.0	120.0	-	-
48.00	126.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
48.00	132.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
48.00	138.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
48.00	144.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
48.00	150.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
48.00	156.00	120.0	120.0	-	-
54.00		120.0	120.0	-	-
48.00	162.00	120.0	120.0	-	-
48.00	168.00	120.0	120.0	-	-
48.00	172.00	120.0	120.0	-	-
48.00	176.00	120.0	120.0	-	-

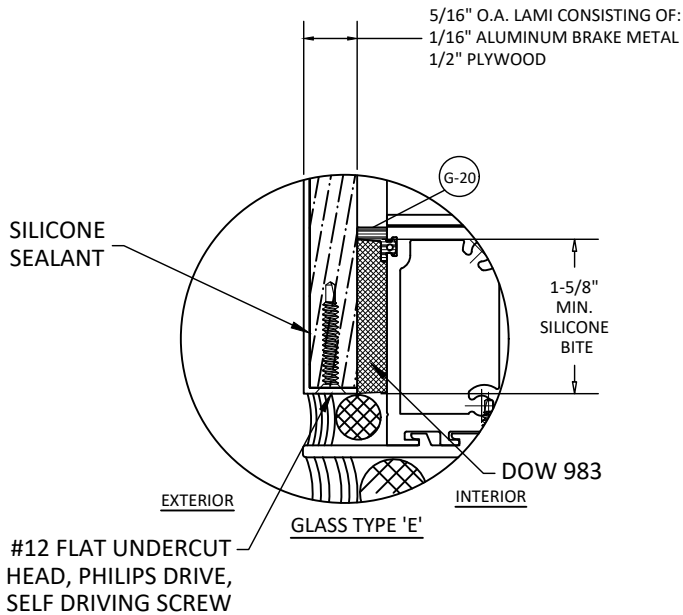
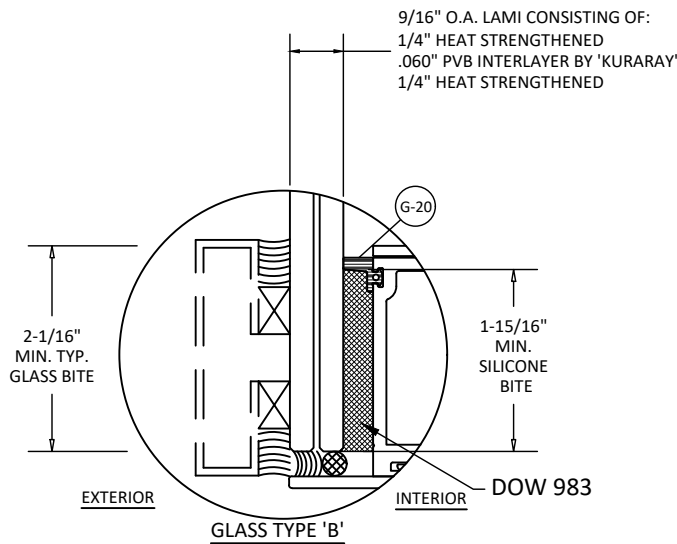
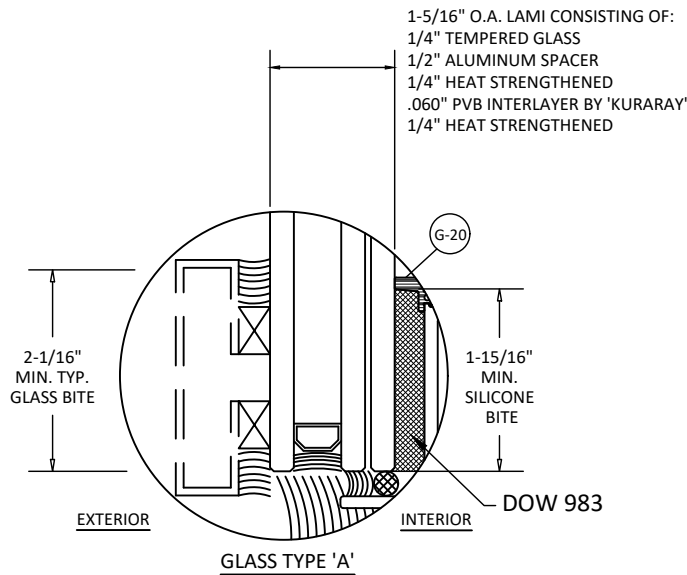
D.L.O. WIDTH = PANEL WIDTH - 3"
D.L.O. HEIGHT = PANEL HEIGHT - 6"

1/27/2025 10:39 AM

LAMINATED GLASS, INSULATED GLASS & PANEL LARGE MISSILE IMPACT OPTIONS

NOTES:

1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' (a > b), AND CH. 17 OF THE FBC FOR SIZES OTHER THAN TESTED
2. DO NOT EXCEED MULLION CAPACITY SELECTED OR ANCHOR CAPACITY IN DESIGN PRESSURE CHARTS

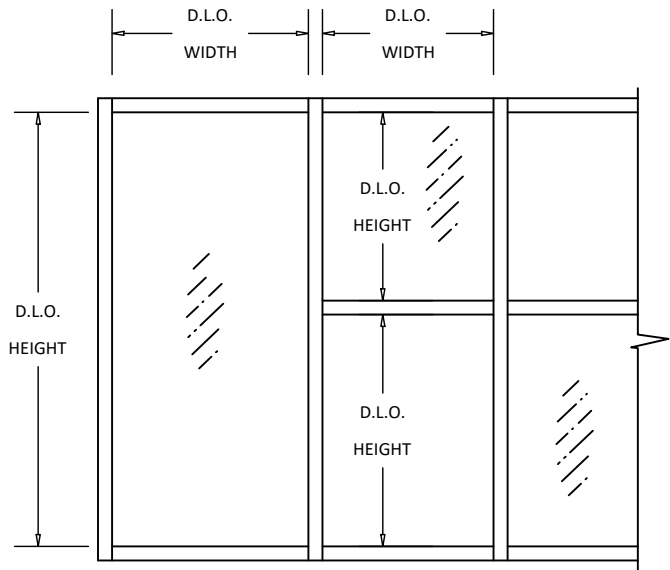
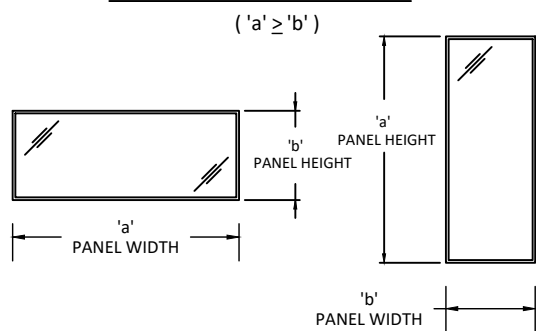


* NOTE:

1. GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
3. APPROVED SETTING BLOCKS SHALL BE USED AND TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36".
4. WHERE REQUIRED, TEMPERED GLASS IS REQUIRED TO BE USED TO COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CHAPTER 24 OF THE CURRENT FBC.
5. D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN GLASS CHARTS FOR GLASS TYPE.

REFER TO SHEET 6.1A FOR LARGE MISSILE IMPACT GLASS LOAD TABLE

PANEL DIMENSIONS



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

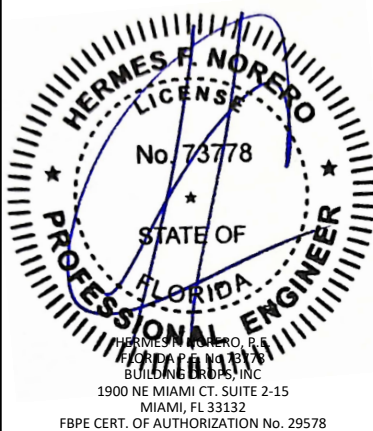
TITLE: 8000 SERIES ALUMINUM CURTAIN WALL SYSTEMS (HVHZ)/(IMPACT) GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #: FL41589

DATE: 01.07.2025

DWG. BY: FB
CHK. BY: HFN

SCALE: NTS

DWG. #: GIP013

SHEET:

6.1

OF 9

LAMINATED GLASS, INSULATED GLASS & PANEL LOAD CAPACITY - L.M.I

GLASS LOAD CAPACITY (PSF)					
NOMINAL DIMS.		GLASS TYPE 'A & B'		GLASS TYPE 'E'	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48.00	39.25	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0
68.00		120.0	120.0	120.0	120.0
72.00		120.0	120.0	-	-
78.00		120.0	120.0	-	-
84.00		120.0	120.0	-	-
90.00		120.0	120.0	-	-
96.00		120.0	120.0	-	-
102.00		120.0	120.0	-	-
108.00		120.0	120.0	-	-
114.00		120.0	120.0	-	-
120.00		120.0	120.0	-	-
126.00		120.0	120.0	-	-
132.00		120.0	120.0	-	-
138.00		120.0	120.0	-	-
144.00		120.0	120.0	-	-
150.00		120.0	120.0	-	-
156.00		120.0	120.0	-	-
162.00		120.0	120.0	-	-
168.00		120.0	120.0	-	-
174.00		120.0	120.0	-	-
180.00		120.0	120.0	-	-
186.00		120.0	120.0	-	-
192.00	48.00	120.0	120.0	98.1	98.1
198.00		120.0	120.0	98.1	98.1
204.00		120.0	120.0	-	-
210.00		120.0	120.0	-	-
216.00		120.0	120.0	-	-
222.00		120.0	120.0	-	-
228.00		120.0	120.0	-	-
234.00		120.0	120.0	-	-
240.00		120.0	120.0	-	-
246.00		120.0	120.0	-	-
252.00		120.0	120.0	-	-
258.00		120.0	120.0	-	-
264.00		120.0	120.0	-	-
270.00		120.0	120.0	-	-
276.00		120.0	120.0	-	-
282.00		120.0	120.0	-	-
288.00		120.0	120.0	-	-
294.00		120.0	120.0	-	-
300.00		120.0	120.0	-	-
306.00		120.0	120.0	-	-
312.00		120.0	120.0	-	-
318.00		120.0	120.0	-	-
324.00		120.0	120.0	-	-
330.00		120.0	120.0	-	-

GLASS LOAD CAPACITY (PSF)					
NOMINAL DIMS.		GLASS TYPE 'A & B'		GLASS TYPE 'E'	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
48.00	54.00	120.0	120.0	98.1	98.1
54.00		120.0	120.0	-	-
60.00		120.0	120.0	-	-
68.00		120.0	120.0	-	-
72.00		120.0	120.0	-	-
78.00		120.0	120.0	-	-
84.00		120.0	120.0	-	-
90.00		120.0	120.0	-	-
96.00		120.0	120.0	-	-
102.00		120.0	120.0	-	-
108.00		120.0	120.0	-	-
114.00		120.0	120.0	-	-
120.00		120.0	120.0	-	-
126.00		120.0	120.0	-	-
132.00		120.0	120.0	-	-
138.00		120.0	120.0	-	-
144.00		120.0	120.0	-	-
150.00		120.0	120.0	-	-
156.00		120.0	120.0	-	-
162.00		120.0	120.0	-	-
168.00		120.0	120.0	-	-
174.00		120.0	120.0	-	-
180.00		120.0	120.0	-	-
186.00	60.00	120.0	120.0	-	-
192.00		120.0	120.0	-	-
198.00		120.0	120.0	-	-
204.00		120.0	120.0	-	-
210.00		120.0	120.0	-	-
216.00		120.0	120.0	-	-
222.00		120.0	120.0	-	-
228.00		120.0	120.0	-	-
234.00		120.0	120.0	-	-
240.00		120.0	120.0	-	-
246.00		120.0	120.0	-	-
252.00		120.0	120.0	-	-
258.00		120.0	120.0	-	-
264.00		120.0	120.0	-	-
270.00		120.0	120.0	-	-
276.00		120.0	120.0	-	-
282.00		120.0	120.0	-	-
288.00		120.0	120.0	-	-
294.00		120.0	120.0	-	-
300.00		120.0	120.0	-	-
306.00		120.0	120.0	-	-
312.00		120.0	120.0	-	-
318.00		120.0	120.0	-	-
324.00	68.00	120.0	120.0	-	-
330.00		120.0	120.0	-	-
336.00		120.0	120.0	-	-
342.00		120.0	120.0	-	-
348.00		120.0	120.0	-	-
354.00		120.0	120.0	-	-
360.00		120.0	120.0	-	-
366.00		120.0	120.0	-	-
372.00		120.0	120.0	-	-
378.00		120.0	120.0	-	-
384.00		120.0	120.0	-	-
390.00		120.0	120.0	-	-
396.00		120.0	120.0	-	-
402.00		120.0	120.0	-	-
408.00		120.0	120.0	-	-
414.00		120.0	120.0	-	-
420.00		120.0	120.0	-	-
426.00		120.0	120.0	-	-
432.00		120.0	120.0	-	-
438.00		120.0	120.0	-	-
444.00		120.0	120.0	-	-
450.00		120.0	120.0	-	-
456.00		120.0	120.0	-	-
462.00		120.0	120.0	-	-
468.00		120.0	120.0	-	-
474.00		120.0	120.0	-	-
480.00		120.0	120.0	-	-
486.00		120.0	120.0	-	-
492.00		120.0	120.0	-	-
498.00		120.0	120.0	-	-
504.00		120.0	120.0	-	-
510.00		120.0	120.0	-	-
516.00		120.0	120.0	-	-
522.00		120.0	120.0	-	-
528.00		120.0	120.0	-	-
534.00		120.0	120.0	-	-
540.00		120.0	120.0	-	-
546.00		120.0	120.0	-	-
552.00		120.0	120.0	-	-
558.00		120.0	120.0	-	-
564.00		120.0	120.0	-	-
570.00		120.0	120.0	-	-
576.00		120.0	120.0	-	-
582.00		120.0	120.0	-	-
588.00		120.0	120.0	-	-
594.00		120.0	120.0	-	-
600.00		120.0	120.0	-	-
606.00		120.0	120.0	-	-
612.00		120.0	120.0	-	-
618.00		120.0	120.0	-	-
624.00		120.0	120.0	-	-
630.00		120.0	120.0	-	-
636.00		120.0	120.0	-	-
642.00		120.0	120.0	-	-
648.00		120.0	120.0	-	-
654.00		120.0	120.0	-	-
660.00		120.0	120.0	-	-
666.00		120.0	120.0	-	-
672.00		120.0	120.0	-	-
678.00		120.0	120.0	-	-
684.00		120.0	120.0	-	-
690.00		120.0	120.0	-	-
696.00		120.0	120.0	-	-
702.00		120.0	120.0	-	-
708.00		120.0	120.0	-	-
714.00		120.0	120.0	-	-
720.00		120.0	120.0	-	-
726.00		120.0	120.0	-	-
732.00		120.0	120.0	-	-
738.00		120.0	120.0	-	-
744.00		120.0	120.0	-	-
750.00		120.0	120.0	-	-
756.00		120.0	120.0	-	-
762.00		120.0	120.0	-	-
768.00		120.0	120.0	-	-
774.00		120.0	120.0	-	-
780.00		120.0	120.0	-	-
786.00		120.0	120.0	-	-
792.00		120.0	120.0	-	-
798.00		120.0	120.0	-	-
804.00		120.0	120.0	-	-
810.00		120.0	120.0	-	-
816.00		120.0	120.0	-	-
822.00		120.0	120.0	-	-
828.00		120.0	120.0	-	-
834.00		120.0	120.0	-	-
840.00		120.0	120.0	-	-
846.00		120.0	120.0	-	-
852.00		120.0	120.0	-	-
858.00		120.0	120.0	-	-
864.00		120.0	120.0	-	-
870.00		120.0	120.0	-	-
876.00		120.0	120.0	-	-
882.00		120.0	120.0	-	-
888.00		120.0	120.0	-	-
894.00		120.0	120.0	-	-
900.00		120.0	120.0	-	-
906.00		120.0	120.0	-	-
912.00		120.0	120.0	-	-
918.00		120.0	120.0	-	-
924.00		120.0	120.0	-	-
930.00		120.0	120.0	-	-
936.00		120.0	120.0	-	-
942.00		120.0	120.0	-	-
948.00		120.0	120.0	-	-
954.00		120.0	120.0	-	-
960.00		120.0	120.0	-	-
966.00		120.0	120.0	-	-
972.00		120.0	120.0	-	-
978.00		120.0	120.0	-	-
984.00		120.0	120.0	-	-
990.00		120.0	120.0	-	-
996.00		120.0	120.0	-	-
1002.00		120.0	120.0	-	-
1008.00		120.0	120.0	-	-
1014.00		120.0	120.0	-	-
1020.00		120.0	120.0	-	-
1026.00		120.0	120.0	-	-
1032.00		120.0	120.0	-	-
1038.00		120.0	120.0	-	-
1044.00		120.0	120.0	-	-
1050.00		120.0	120.0	-	-
1056.00		120.0	120.0	-	-
1062.00		120.0	120.0	-	-
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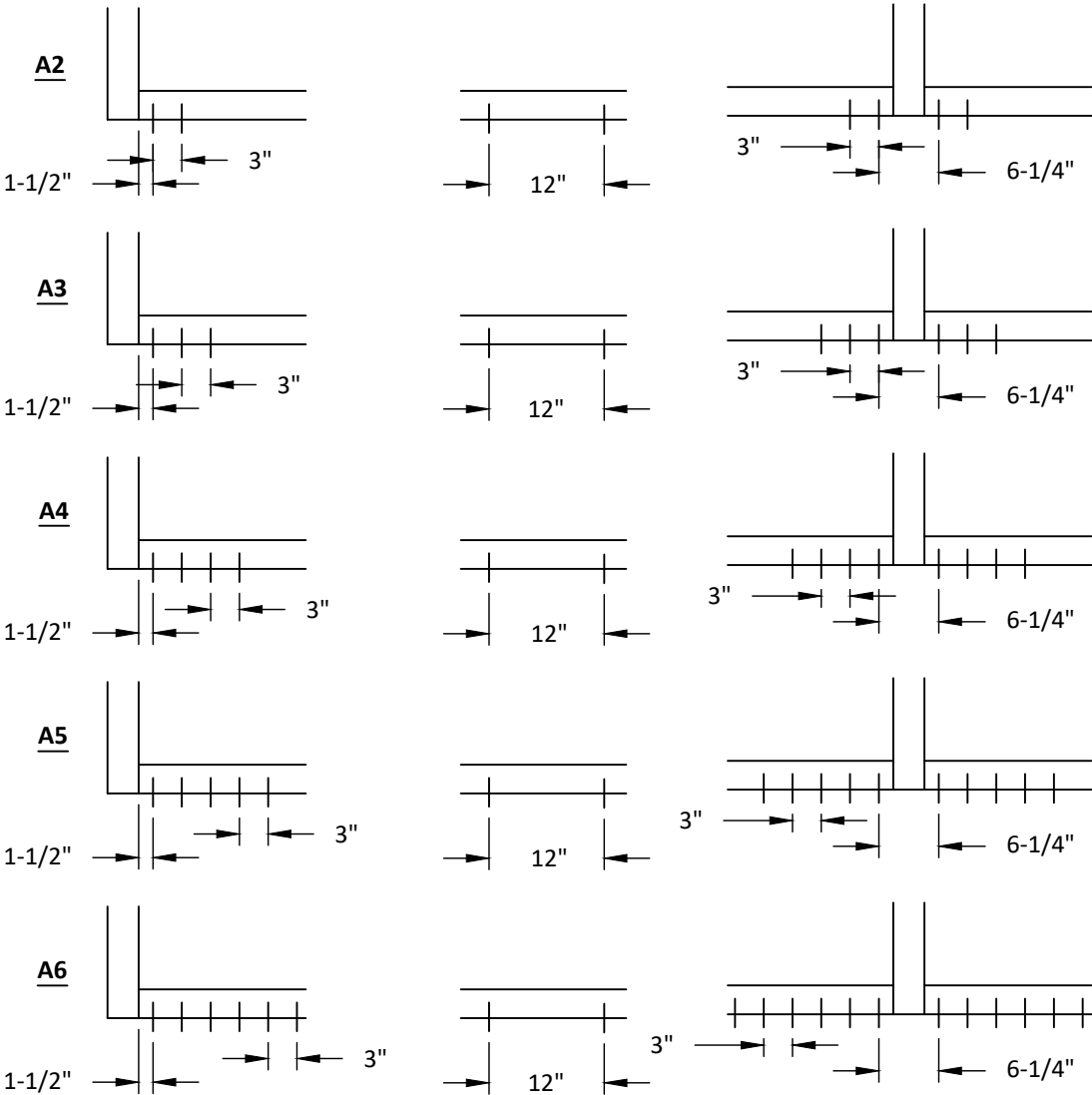
ANCHOR TYPES

TYPE	DIAMETER	ANCHOR TYPE	SUBSTRATE	MINIMUM EDGE DISTANCE	MINIMUM EMBEDMENT
A	5/16"	5/16" DEWALT ULTRACON	WOOD (MIN. SG=0.55)	1-9/16"	1.5"
B	5/16"	5/16" DEWALT ULTRACON	MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRAKED'	2-1/2"	2"
C	5/16"	5/16-24 DEWALT DRILLFLEX	1/8" ALUMINUM (6063-T5 MIN.) OR 1/8" STEEL (A36 MIN.)	3/4"	3 PITCHES PASSED THE THREAD PLANE

ANCHORS AT JAMB AREA

ANCHORS BETWEEN CLUSTERS

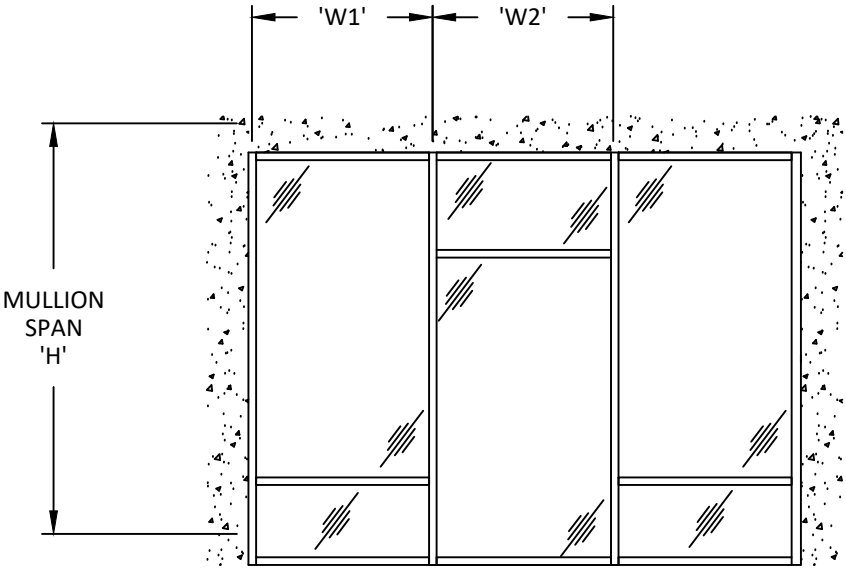
ANCHORS AT MULLION



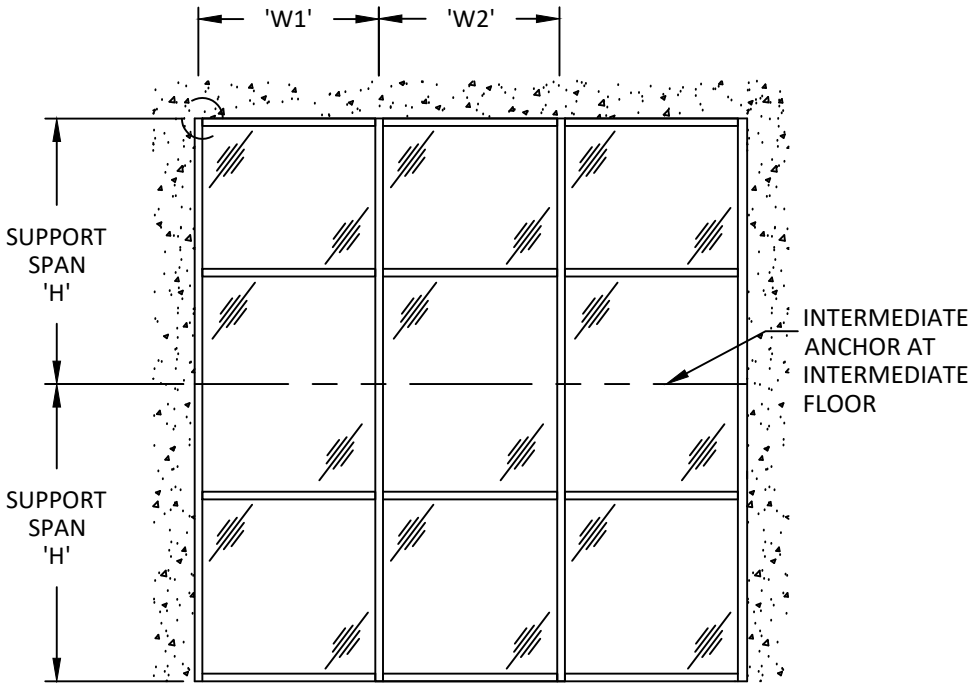
NOTE: SAME PATTERN OCCURS AT HEAD

MULLION SPACING OR BAY WIDTH, 'W'	$W = \frac{W1 + W2}{2}$
JAMB SPACING OR BAY WIDTH, 'W'	$W = W1$

- NOTE:
1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. REFER TO ELEVATIONS AT RIGHT FOR LOCATIONS AND DETERMINING MAX. LENGTHS (L) AND TRIBUTARY WIDTHS (W).
 3. FOR SITE CONDITIONS NOT SHOWN IN THE DETAILS HEREIN OR EDGE DISTANCE REQUIREMENTS TO BE MODIFIED, ANCHORS MAY BE ENGINEERED ON A SITE SPECIFIC BASIS.
 4. REFER TO SECTION 8 FOR INTERMEDIATE ANCHOR CONFIGURATIONS.
 5. REFER TO SECTION 7 FOR ANCHOR TYPE CAPACITIES.



SINGLE SPAN ANCHOR LAYOUT



MULTIPLE SPAN ANCHOR LAYOUT - TYP.



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

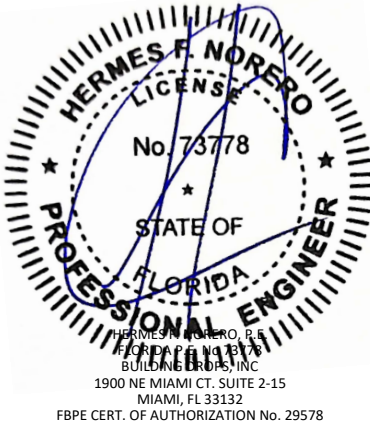
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
ANCHORS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:	FL41589
DATE:	01.07.2025
DWG. BY:	FB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GIP013
SHEET:	7.0
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c:\Users\franciscobreno\building drops, inc\building drops landing - common\projects\global industries & mfg., inc. (global impact products)\bdc-24-1164 - fbc submittal - aluminum impact products\dwgs\gip013.dwg 1/27/2025 10:39 AM

SINGLE SPAN HEAD AND SILL ANCHOR CAPACITY

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	60.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	119.3	120.0	120.0	120.0	120.0
54.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
60.00		99.2	120.0	120.0	120.0	120.0	99.2	120.0	120.0	120.0	120.0	95.4	120.0	120.0	120.0	120.0
66.00		90.2	120.0	120.0	120.0	120.0	90.2	120.0	120.0	120.0	120.0	86.8	120.0	120.0	120.0	120.0
72.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
36.00	66.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		112.7	120.0	120.0	120.0	120.0	112.7	120.0	120.0	120.0	120.0	108.5	120.0	120.0	120.0	120.0
54.00		100.2	120.0	120.0	120.0	120.0	100.2	120.0	120.0	120.0	120.0	96.4	120.0	120.0	120.0	120.0
60.00		90.2	120.0	120.0	120.0	120.0	90.2	120.0	120.0	120.0	120.0	86.8	120.0	120.0	120.0	120.0
66.00		82.0	114.8	120.0	120.0	120.0	82.0	114.8	120.0	120.0	120.0	78.9	110.4	120.0	120.0	120.0
72.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
36.00	72.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
48.00		103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0
54.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
60.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
66.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
72.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
36.00	78.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		109.0	120.0	120.0	120.0	120.0	109.0	120.0	120.0	120.0	120.0	104.9	120.0	120.0	120.0	120.0
48.00		95.4	120.0	120.0	120.0	120.0	95.4	120.0	120.0	120.0	120.0	91.8	120.0	120.0	120.0	120.0
54.00		84.8	118.7	120.0	120.0	120.0	84.8	118.7	120.0	120.0	120.0	81.6	114.2	120.0	120.0	120.0
60.00		76.3	106.8	120.0	120.0	120.0	76.3	106.8	120.0	120.0	120.0	73.4	102.8	120.0	120.0	120.0
66.00		69.4	97.1	120.0	120.0	120.0	69.4	97.1	120.0	120.0	120.0	66.7	93.4	120.0	120.0	120.0
72.00		63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
36.00	84.00	118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
42.00		101.2	120.0	120.0	120.0	120.0	101.2	120.0	120.0	120.0	120.0	97.4	120.0	120.0	120.0	120.0
48.00		88.6	120.0	120.0	120.0	120.0	88.6	120.0	120.0	120.0	120.0	85.2	119.3	120.0	120.0	120.0
54.00		78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
60.00		70.9	99.2	120.0	120.0	120.0	70.9	99.2	120.0	120.0	120.0	68.2	95.4	120.0	120.0	120.0
66.00		64.4	90.2	115.9	120.0	120.0	64.4	90.2	115.9	120.0	120.0	62.0	86.8	111.6	120.0	120.0
72.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
36.00	90.00	110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
42.00		94.5	120.0	120.0	120.0	120.0	94.5	120.0	120.0	120.0	120.0	90.9	120.0	120.0	120.0	120.0
48.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
54.00		73.5	102.9	120.0	120.0	120.0	73.5	102.9	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0
60.00		66.1	92.6	119.0	120.0	120.0	66.1	92.6	119.0	120.0	120.0	63.6	89.1	114.5	120.0	120.0
66.00		60.1	84.2	108.2	120.0	120.0	60.1	84.2	108.2	120.0	120.0	57.8	81.0	104.1	120.0	120.0
72.00		55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	96.00	103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0
42.00		88.6	120.0	120.0	120.0	120.0	88.6	120.0	120.0	120.0	120.0	85.2	119.3	120.0	120.0	120.0
48.00		77.5	108.5	120.0	120.0	120.0	77.5	108.5	120.0	120.0	120.0	74.6	104.4	120.0	120.0	120.0
54.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
60.00		62.0	86.8	111.6	120.0	120.0	62.0	86.8	111.6	120.0	120.0	59.7	83.5	107.4	120.0	120.0
66.00		56.4	78.9	101.5	120.0	120.0	56.4	78.9	101.5	120.0	120.0	54.2	75.9	97.6	119.3	120.0
72.00	102.00	51.7	72.3	93.0	113.7	120.0	51.7	72.3	93.0	113.7	120.0	49.7	69.6	89.5	109.4	120.0
36.00		97.3	120.0	120.0	120.0	120.0	97.3	120.0	120.0	120.0	120.0	93.6	120.0	120.0	120.0	120.0
42.00		83.4	116.7	120.0	120.0	120.0	83.4	116.7	120.0	120.0	120.0	80.2	112.3	120.0	120.0	120.0
48.00		72.9	102.1	120.0	120.0	120.0	72.9	102.1	120.0	120.0	120.0	70.2	98.2	120.0	120.0	120.0
54.00		64.8	90.8	116.7	120.0	120.0	64.8	90.8	116.7	120.0	120.0	62.4	87.3	112.3	120.0	120.0
60.00		58.4	81.7	105.0	120.0	120.0	58.4	81.7	105.0	120.0	120.0	56.1	78.6	101.1	120.0	120.0
66.00	108.00	53.0	74.3	95.5	116.7	120.0	53.0	74.3	95.5	116.7	120.0	51.0	71.5	91.9	112.3	120.0
72.00		48.6	68.1	87.5	107.0	120.0	48.6	68.1	87.5	107.0	120.0	46.8	65.5	84.2	102.9	120.0
36.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
42.00		78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
48.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
54.00		61.2	85.7	110.2	120.0	120.0	61.2	85.7	110.2	120.0	120.0	58.9	82.5	106.0	120.0	120.0
60.00	114.00	55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0
66.00		50.1	70.1	90.2	110.2	120.0	50.1	70.1	90.2	110.2	120.0	48.2	67.5	86.8	106.0	120.0
72.00		45.9	64.3	82.7	101.0	119.4	45.9	64.3	82.7	101.0	119.4	44.2	61.9	79.5	97.2	114.9
36.00		87.0	120.0	120.0	120.0	120.0	87.0	120.0	120.0	120.0	120.0	83.7	117.2	120.0	120.0	120.0
42.00		74.6	104.4	120.0	120.0	120.0	74.6	104.4	120.0	120.0	120.0	71.8	100.5	120.0	120.0	120.0
48.00		65.3	91.4	117.5	120.0	120.0	65.3	91.4	117.5	120.0	120.0	62.8	87.9	113.0	120.0	120.0
54.00	120.00	58.0	81.2	104.4	120.0	120.0	58.0	81.2	104.4	120.0	120.0	55.8	78.1	100.5	120.0	120.0
60.00		52.2	73.1	94.0	114.9	120.0	52.2	73.1	94.0	114.9	120.0	50.2	70.3	90.4	110.5	120.0
66.00		47.5	66.4	85.4	104.4	120.0	47.5	66.4	85.4	104.4	120.0	45.7	63.9	82.2	100.5	118.7
72.00		43.5	60.9	78.3	95.7	113.1	43.5	60.9	78.3	95.7	113.1	41.9	58.6	75.3	92.1	108.8
36.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
42.00		70.9	99.2	120.0	120.0	120.0	70.9	99.2	120.0	120.0	120.0	68.2	95.4	120.0	120.0	120.0
48.00	126.00	62.0	86.8	111.6	120.0	120.0	62.0	86.8	111.6	120.0	120.0	59.7	83.5	107.4	120.0	120.0
54.00		55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0
60.00		49.6	69.4	89.3	109.1	120.0	49.6	69.4	89.3	109.1	120.0	47.7	66.8	85.9	105.0	120.0
66.00		45.1	63.1	81.2	99.2	117.2	45.1	63.1	81.2	99.2	117.2	43.4	60.7	78.1	95.4	112.8
72.00		41.3	57.9	74.4	90.9	107.5	41.3	57.9	74.4	90.9	107.5	39.8	55.7	71.6	87.5	103.4
36.00		126.00	78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0
42.00	67.5		94.5	120.0	120.0	120.0	67.5	94.5	120.0	120.0	120.0	64.9	90.9	116.9	120.0	120.0
48.00	59.0		82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
54.00	52.5		73.5	94.5	115.5	120.0	52.5	73.5	94.5	115.5	120.0	50.5	70.7	90.9	111.1	120.0
60.00	47.2		66.1	85.0	103.9	120.0	47.2	66.1	85.0	103.9	120.0	45.4	63.6	81.8	100.0	118.2
66.00	42.9		60.1	77.3	94.5	111.7	42.9	60.1	77.3	94.5	111.7	41.3	57.8	74.4	90.9	107.4
72.00	126.00	39.4	55.1	70.9	86.6	102.3	39.4	55.1	70.9	86.6	102.3	37.9	53.0	68.2	83.3	98.5

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SINGLE SPAN HEAD AND SILL ANCHOR CAPACITY

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	132.00	75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
42.00		64.4	90.2	115.9	120.0	120.0	64.4	90.2	115.9	120.0	120.0	62.0	86.8	111.6	120.0	120.0
48.00		56.4	78.9	101.5	120.0	120.0	56.4	78.9	101.5	120.0	120.0	54.2	75.9	97.6	119.3	120.0
54.00		50.1	70.1	90.2	110.2	120.0	50.1	70.1	90.2	110.2	120.0	48.2	67.5	86.8	106.0	120.0
60.00		45.1	63.1	81.2	99.2	117.2	45.1	63.1	81.2	99.2	117.2	43.4	60.7	78.1	95.4	112.8
66.00		41.0	57.4	73.8	90.2	106.6	41.0	57.4	73.8	90.2	106.6	39.4	55.2	71.0	86.8	102.5
72.00		37.6	52.6	67.6	82.7	97.7	37.6	52.6	67.6	82.7	97.7	36.2	50.6	65.1	79.5	94.0
36.00	138.00	71.9	100.6	120.0	120.0	120.0	71.9	100.6	120.0	120.0	120.0	69.2	96.8	120.0	120.0	120.0
42.00		61.6	86.3	110.9	120.0	120.0	61.6	86.3	110.9	120.0	120.0	59.3	83.0	106.7	120.0	120.0
48.00		53.9	75.5	97.0	118.6	120.0	53.9	75.5	97.0	118.6	120.0	51.9	72.6	93.4	114.1	120.0
54.00		47.9	67.1	86.3	105.4	120.0	47.9	67.1	86.3	105.4	120.0	46.1	64.5	83.0	101.4	119.9
60.00		43.1	60.4	77.6	94.9	112.1	43.1	60.4	77.6	94.9	112.1	41.5	58.1	74.7	91.3	107.9
66.00		39.2	54.9	70.6	86.3	101.9	39.2	54.9	70.6	86.3	101.9	37.7	52.8	67.9	83.0	98.1
72.00		35.9	50.3	64.7	79.1	93.4	35.9	50.3	64.7	79.1	93.4	34.6	48.4	62.2	76.1	89.9
36.00	144.00	68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
42.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
48.00		51.7	72.3	93.0	113.7	120.0	51.7	72.3	93.0	113.7	120.0	49.7	69.6	89.5	109.4	120.0
54.00		45.9	64.3	82.7	101.0	119.4	45.9	64.3	82.7	101.0	119.4	44.2	61.9	79.5	97.2	114.9
60.00		41.3	57.9	74.4	90.9	107.5	41.3	57.9	74.4	90.9	107.5	39.8	55.7	71.6	87.5	103.4
66.00		37.6	52.6	67.6	82.7	97.7	37.6	52.6	67.6	82.7	97.7	36.2	50.6	65.1	79.5	94.0
72.00		34.4	48.2	62.0	75.8	89.6	34.4	48.2	62.0	75.8	89.6	33.1	46.4	59.7	72.9	86.2
36.00	149.00	66.6	93.2	119.8	120.0	120.0	66.6	93.2	119.8	120.0	120.0	64.1	89.7	115.3	120.0	120.0
42.00		57.1	79.9	102.7	120.0	120.0	57.1	79.9	102.7	120.0	120.0	54.9	76.9	98.8	120.0	120.0
48.00		49.9	69.9	89.9	109.9	120.0	49.9	69.9	89.9	109.9	120.0	48.0	67.3	86.5	105.7	120.0
54.00		44.4	62.1	79.9	97.6	115.4	44.4	62.1	79.9	97.6	115.4	42.7	59.8	76.9	93.9	111.0
60.00		39.9	55.9	71.9	87.9	103.9	39.9	55.9	71.9	87.9	103.9	38.4	53.8	69.2	84.6	99.9
66.00		36.3	50.8	65.4	79.9	94.4	36.3	50.8	65.4	79.9	94.4	34.9	48.9	62.9	76.9	90.8
72.00		33.3	46.6	59.9	73.2	86.6	33.3	46.6	59.9	73.2	86.6	32.0	44.8	57.6	70.5	83.3
36.00	156.00	63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
42.00		54.5	76.3	98.1	119.9	120.0	54.5	76.3	98.1	119.9	120.0	52.4	73.4	94.4	115.4	120.0
48.00		47.7	66.8	85.8	104.9	120.0	47.7	66.8	85.8	104.9	120.0	45.9	64.2	82.6	100.9	119.3
54.00		42.4	59.4	76.3	93.3	110.2	42.4	59.4	76.3	93.3	110.2	40.8	57.1	73.4	89.7	106.0
60.00		38.2	53.4	68.7	83.9	99.2	38.2	53.4	68.7	83.9	99.2	36.7	51.4	66.1	80.8	95.4
66.00		34.7	48.6	62.4	76.3	90.2	34.7	48.6	62.4	76.3	90.2	33.4	46.7	60.1	73.4	86.8
72.00		31.8	44.5	57.2	69.9	82.7	31.8	44.5	57.2	69.9	82.7	30.6	42.8	55.1	67.3	79.5
36.00	162.00	61.2	85.7	110.2	120.0	120.0	61.2	85.7	110.2	120.0	120.0	58.9	82.5	106.0	120.0	120.0
42.00		52.5	73.5	94.5	115.5	120.0	52.5	73.5	94.5	115.5	120.0	50.5	70.7	90.9	111.1	120.0
48.00		45.9	64.3	82.7	101.0	119.4	45.9	64.3	82.7	101.0	119.4	44.2	61.9	79.5	97.2	114.9
54.00		40.8	57.2	73.5	89.8	106.1	40.8	57.2	73.5	89.8	106.1	39.3	55.0	70.7	86.4	102.1
60.00		36.7	51.4	66.1	80.8	95.5	36.7	51.4	66.1	80.8	95.5	35.3	49.5	63.6	77.8	91.9
66.00		33.4	46.8	60.1	73.5	86.8	33.4	46.8	60.1	73.5	86.8	32.1	45.0	57.8	70.7	83.6
72.00		30.6	42.9	55.1	67.4	79.6	30.6	42.9	55.1	67.4	79.6	29.5	41.2	53.0	64.8	76.6

NOTE:

A2 REPRESENTS (2) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A3 REPRESENTS (3) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A4 REPRESENTS (4) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A5 REPRESENTS (5) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A6 REPRESENTS (6) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

ALL ANCHORS ARE CALCULATED WITH 1" SHIM SPACE

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	168.00	59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
42.00		50.6	70.9	91.1	111.3	120.0	50.6	70.9	91.1	111.3	120.0	48.7	68.2	87.6	107.1	120.0
48.00		44.3	62.0	79.7	97.4	115.1	44.3	62.0	79.7	97.4	115.1	42.6	59.7	76.7	93.7	110.8
54.00		39.4	55.1	70.9	86.6	102.3	39.4	55.1	70.9	86.6	102.3	37.9	53.0	68.2	83.3	98.5
60.00		35.4	49.6	63.8	77.9	92.1	35.4	49.6	63.8	77.9	92.1	34.1	47.7	61.4	75.0	88.6
66.00		32.2	45.1	58.0	70.9	83.7	32.2	45.1	58.0	70.9	83.7	31.0	43.4	55.8	68.2	80.6
72.00		29.5	41.3	53.1	65.0	76.8	29.5	41.3	53.1	65.0	76.8	28.4	39.8	51.1	62.5	73.9
36.00	174.00	57.0	79.8	102.6	120.0	120.0	57.0	79.8	102.6	120.0	120.0	54.9	76.8	98.7	120.0	120.0
42.00		48.9	68.4	88.0	107.5	120.0	48.9	68.4	88.0	107.5	120.0	47.0	65.8	84.6	103.4	120.0
48.00		42.8	59.9	77.0	94.1	111.2	42.8	59.9	77.0	94.1	111.2	41.1	57.6	74.0	90.5	107.0
54.00		38.0	53.2	68.4	83.6	98.8	38.0	53.2	68.4	83.6	98.8	36.6	51.2	65.8	80.4	95.1
60.00		34.2	47.9	61.6	75.3	88.9	34.2	47.9	61.6	75.3	88.9	32.9	46.1	59.2	72.4	85.6
66.00		31.1	43.5	56.0	68.4	80.9	31.1	43.5	56.0	68.4	80.9	29.9	41.9	53.9	65.8	77.8
72.00		28.5	39.9	51.3	62.7	74.1	28.5	39.9	51.3	62.7	74.1	27.4	38.4	49.4	60.3	71.3
36.00	180.00	55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0
42.00		47.2	66.1	85.0	103.9	120.0	47.2	66.1	85.0	103.9	120.0	45.4	63.6	81.8	100.0	118.2
48.00		41.3	57.9	74.4	90.9	107.5	41.3	57.9	74.4	90.9	107.5	39.8	55.7	71.6	87.5	103.4
54.00		36.7	51.4	66.1	80.8	95.5	36.7	51.4	66.1	80.8	95.5	35.3	49.5	63.6	77.8	91.9
60.00		33.1	46.3	59.5	72.7	86.0	33.1	46.3	59.5	72.7	86.0	31.8	44.5	57.3	70.0	82.7
66.00		30.1	42.1	54.1	66.1	78.2	30.1	42.1	54.1	66.1	78.2	28.9	40.5	52.1	63.6	75.2
72.00		27.6	38.6	49.6	60.6	71.6	27.6	38.6	49.6	60.6	71.6	26.5	37.1	47.7	58.3	68.9
36.00	186.00	53.3	74.7	96.0	117.3	120.0	53.3	74.7	96.0	117.3	120.0	51.3	71.8	92.4	112.9	120.0
42.00		45.7	64.0	82.3	100.6	118.9	45.7	64.0	82.3	100.6	118.9	44.0	61.6	79.2	96.8	114.4
48.00		40.0	56.0	72.0	88.0	104.0	40.0	56.0	72.0	88.0	104.0	38.5	53.9	69.3	84.7	100.1
54.00		35.6	49.8	64.0	78.2	92.4	35.6	49.8	64.0	78.2	92.4	34.2	47.9	61.6	75.3	88.9
60.00		32.0	44.8	57.6	70.4	83.2	32.0	44.8	57.6	70.4	83.2	30.8	43.1	55.4	67.7	80.0
66.00		29.1	40.7	52.4	64.0	75.6	29.1	40.7	52.4	64.0	75.6	28.0	39.2	50.4	61.6	72.8
72.00		26.7	37.3	48.0	58.7	69.3	26.7	37.3	48.0	58.7	69.3	25.7	35.9	46.2	56.4	66.7
36.00	192.00	51.7	72.3	93.0	113.7	120.0	51.7	72.3	93.0	113.7	120.0	49.7	69.6	89.5	109.4	120.0
42.00		44.3	62.0	79.7	97.4	115.1	44.3	62.0	79.7	97.4	115.1	42.6	59.7	76.7	93.7	110.8
48.00		38.8	54.3	69.8	85.3	100.8	38.8	54.3	69.8	85.3	100.8	37.3	52.2	67.1	82.0	96.9
54.00		34.4	48.2	62.0	75.8	89.6	34.4	48.2	62.0	75.8	89.6	33.1	46.4	59.7	72.9	86.2
60.00		31.0	43.4	55.8	68.2	80.6	31.0	43.4	55.8	68.2	80.6	29.8	41.8	53.7	65.6	77.5
66.00		28.2	39.5	50.7	62.0	73.3	28.2	39.5	50.7	62.0	73.3	27.1	38.0	48.8	59.7	70.5
72.00		25.8	36.2	46.5	56.8	67.2	25.8	36.2	46.5	56.8	67.2	24.9	34.8	44.7	54.7	64.6

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MULTI SPAN ANCHOR CAPACITY

MAX. ANCHOR CAPACITY FOR MULTI SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	60.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
66.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	115.7	120.0	120.0	120.0	120.0
72.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
36.00	66.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	115.7	120.0	120.0	120.0	120.0
66.00		109.3	120.0	120.0	120.0	120.0	109.3	120.0	120.0	120.0	120.0	105.2	120.0	120.0	120.0	120.0
72.00		100.2	120.0	120.0	120.0	120.0	100.2	120.0	120.0	120.0	120.0	96.4	120.0	120.0	120.0	120.0
36.00	72.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
66.00		100.2	120.0	120.0	120.0	120.0	100.2	120.0	120.0	120.0	120.0	96.4	120.0	120.0	120.0	120.0
72.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
36.00	78.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54.00		113.0	120.0	120.0	120.0	120.0	113.0	120.0	120.0	120.0	120.0	108.8	120.0	120.0	120.0	120.0
60.00		101.7	120.0	120.0	120.0	120.0	101.7	120.0	120.0	120.0	120.0	97.9	120.0	120.0	120.0	120.0
66.00		92.5	120.0	120.0	120.0	120.0	92.5	120.0	120.0	120.0	120.0	89.0	120.0	120.0	120.0	120.0
72.00		84.8	118.7	120.0	120.0	120.0	84.8	118.7	120.0	120.0	120.0	81.6	114.2	120.0	120.0	120.0
36.00	84.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
54.00		105.0	120.0	120.0	120.0	120.0	105.0	120.0	120.0	120.0	120.0	101.0	120.0	120.0	120.0	120.0
60.00		94.5	120.0	120.0	120.0	120.0	94.5	120.0	120.0	120.0	120.0	90.9	120.0	120.0	120.0	120.0
66.00		85.9	120.0	120.0	120.0	120.0	85.9	120.0	120.0	120.0	120.0	82.6	115.7	120.0	120.0	120.0
72.00		78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
36.00	90.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
54.00		98.0	120.0	120.0	120.0	120.0	98.0	120.0	120.0	120.0	120.0	94.3	120.0	120.0	120.0	120.0
60.00		88.2	120.0	120.0	120.0	120.0	88.2	120.0	120.0	120.0	120.0	84.8	118.8	120.0	120.0	120.0
66.00		80.2	112.2	120.0	120.0	120.0	80.2	112.2	120.0	120.0	120.0	77.1	108.0	120.0	120.0	120.0
72.00		73.5	102.9	120.0	120.0	120.0	73.5	102.9	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0

MAX. ANCHOR CAPACITY FOR MULTI SPAN - DESIGN PRESSURES (+/- PSF)																	
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6	
36.00	96.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42.00		118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0	
48.00		103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0	
54.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0	
60.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0	
66.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0	120.0
72.00	68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0	120.0	
36.00	102.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42.00		111.1	120.0	120.0	120.0	120.0	111.1	120.0	120.0	120.0	120.0	106.9	120.0	120.0	120.0	120.0	
48.00		97.3	120.0	120.0	120.0	120.0	97.3	120.0	120.0	120.0	120.0	93.6	120.0	120.0	120.0	120.0	
54.00		86.4	120.0	120.0	120.0	120.0	86.4	120.0	120.0	120.0	120.0	83.2	116.4	120.0	120.0	120.0	
60.00		77.8	108.9	120.0	120.0	120.0	77.8	108.9	120.0	120.0	120.0	74.9	104.8	120.0	120.0	120.0	
66.00		70.7	99.0	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0	68.0	95.3	120.0	120.0	120.0	120.0
72.00	64.8	90.8	116.7	120.0	120.0	64.8	90.8	116.7	120.0	120.0	62.4	87.3	112.3	120.0	120.0	120.0	
36.00	108.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	117.8	120.0	120.0	120.0	120.0	
42.00		105.0	120.0	120.0	120.0	120.0	105.0	120.0	120.0	120.0	120.0	101.0	120.0	120.0	120.0	120.0	
48.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0	
54.00		81.6	114.3	120.0	120.0	120.0	81.6	114.3	120.0	120.0	120.0	78.6	110.0	120.0	120.0	120.0	
60.00		73.5	102.9	120.0	120.0	120.0	73.5	102.9	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0	
66.00		66.8	93.5	120.0	120.0	120.0	66.8	93.5	120.0	120.0	120.0	64.3	90.0	115.7	120.0	120.0	120.0
72.00	61.2	85.7	110.2	120.0	120.0	61.2	85.7	110.2	120.0	120.0	58.9	82.5	106.0	120.0	120.0	120.0	
36.00	114.00	116.0	120.0	120.0	120.0	120.0	116.0	120.0	120.0	120.0	120.0	111.6	120.0	120.0	120.0	120.0	
42.00		99.4	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0	95.7	120.0	120.0	120.0	120.0	
48.00		87.0	120.0	120.0	120.0	120.0	87.0	120.0	120.0	120.0	120.0	83.7	117.2	120.0	120.0	120.0	
54.00		77.3	108.3	120.0	120.0	120.0	77.3	108.3	120.0	120.0	120.0	74.4	104.2	120.0	120.0	120.0	
60.00		69.6	97.5	120.0	120.0	120.0	69.6	97.5	120.0	120.0	120.0	67.0	93.8	120.0	120.0	120.0	
66.00		63.3	88.6	113.9	120.0	120.0	63.3	88.6	113.9	120.0	120.0	60.9	85.2	109.6	120.0	120.0	120.0
72.00	58.0	81.2	104.4	120.0	120.0	58.0	81.2	104.4	120.0	120.0	55.8	78.1	100.5	120.0	120.0	120.0	
36.00	120.00	110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0	
42.00		94.5	120.0	120.0	120.0	120.0	94.5	120.0	120.0	120.0	120.0	90.9	120.0	120.0	120.0	120.0	
48.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0	
54.00		73.5	102.9	120.0	120.0	120.0	73.5	102.9	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0	
60.00		66.1	92.6	119.0	120.0	120.0	66.1	92.6	119.0	120.0	120.0	63.6	89.1	114.5	120.0	120.0	
66.00		60.1	84.6	108.2	120.0	120.0	60.1	84.2	108.2	120.0	120.0	57.8	81.0	104.1	120.0	120.0	120.0
72.00	55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0	120.0	
36.00	126.00	105.0	120.0	120.0	120.0	120.0	105.0	120.0	120.0	120.0	120.0	101.0	120.0	120.0	120.0	120.0	
42.00		90.0	120.0	120.0	120.0	120.0	90.0	120.0	120.0	120.0	120.0	86.6	120.0	120.0	120.0	120.0	
48.00		78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0	
54.00		70.0	98.0	120.0	120.0	120.0	70.0	98.0	120.0	120.0	120.0	67.3	94.3	120.0	120.0	120.0	
60.00		63.0	88.2	113.4	120.0	120.0	63.0	88.2	113.4	120.0	120.0	60.6	84.8	109.1	120.0	120.0	120.0
66.00		57.3	80.2	103.1	120.0	120.0	57.3	80.2	103.1	120.0	120.0	55.1	77.1	99.2	120.0	120.0	120.0
72.00	52.5	73.5	94.5	115.5	120.0	52.5	73.5	94.5	115.5	120.0	50.5	70.7	90.9	111.1	120.0	120.0	

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MULTI SPAN ANCHOR CAPACITY

MAX. ANCHOR CAPACITY FOR MULTI SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	132.00	100.2	120.0	120.0	120.0	120.0	100.2	120.0	120.0	120.0	120.0	96.4	120.0	120.0	120.0	120.0
42.00		85.9	120.0	120.0	120.0	120.0	85.9	120.0	120.0	120.0	120.0	82.6	115.7	120.0	120.0	120.0
48.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
54.00		66.8	93.5	120.0	120.0	120.0	66.8	93.5	120.0	120.0	120.0	64.3	90.0	115.7	120.0	120.0
60.00		60.1	84.2	108.2	120.0	120.0	60.1	84.2	108.2	120.0	120.0	57.8	81.0	104.1	120.0	120.0
66.00		54.7	76.5	98.4	120.0	120.0	54.7	76.5	98.4	120.0	120.0	52.6	73.6	94.7	115.7	120.0
72.00	138.00	50.1	70.1	90.2	110.2	120.0	50.1	70.1	90.2	110.2	120.0	48.2	67.5	86.8	106.0	120.0
36.00		95.8	120.0	120.0	120.0	120.0	95.8	120.0	120.0	120.0	120.0	92.2	120.0	120.0	120.0	120.0
42.00		82.2	115.0	120.0	120.0	120.0	82.2	115.0	120.0	120.0	120.0	79.0	110.7	120.0	120.0	120.0
48.00		71.9	100.6	120.0	120.0	120.0	71.9	100.6	120.0	120.0	120.0	69.2	96.8	120.0	120.0	120.0
54.00		63.9	89.5	115.0	120.0	120.0	63.9	89.5	115.0	120.0	120.0	61.5	86.1	110.7	120.0	120.0
60.00		57.5	80.5	103.5	120.0	120.0	57.5	80.5	103.5	120.0	120.0	55.3	77.5	99.6	120.0	120.0
66.00	144.00	52.3	73.2	94.1	115.0	120.0	52.3	73.2	94.1	115.0	120.0	50.3	70.4	90.5	110.7	120.0
72.00		47.9	67.1	86.3	105.4	120.0	47.9	67.1	86.3	105.4	120.0	46.1	64.5	83.0	101.4	119.9
36.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
42.00		78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
48.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
54.00		61.2	85.7	110.2	120.0	120.0	61.2	85.7	110.2	120.0	120.0	58.9	82.5	106.0	120.0	120.0
60.00	149.00	55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0
66.00		50.1	70.1	90.2	110.2	120.0	50.1	70.1	90.2	110.2	120.0	48.2	67.5	86.8	106.0	120.0
72.00		45.9	64.3	82.7	101.0	119.4	45.9	64.3	82.7	101.0	119.4	44.2	61.9	79.5	97.2	114.9
36.00		88.8	120.0	120.0	120.0	120.0	88.8	120.0	120.0	120.0	120.0	85.4	119.6	120.0	120.0	120.0
42.00		76.1	106.5	120.0	120.0	120.0	76.1	106.5	120.0	120.0	120.0	73.2	102.5	120.0	120.0	120.0
48.00		66.6	93.2	119.8	120.0	120.0	66.6	93.2	119.8	120.0	120.0	64.1	89.7	115.3	120.0	120.0
54.00	156.00	59.2	82.9	106.5	120.0	120.0	59.2	82.9	106.5	120.0	120.0	56.9	79.7	102.5	120.0	120.0
60.00		53.3	74.6	95.9	117.2	120.0	53.3	74.6	95.9	117.2	120.0	51.2	71.7	92.2	112.7	120.0
66.00		48.4	67.8	87.2	106.5	120.0	48.4	67.8	87.2	106.5	120.0	46.6	65.2	83.9	102.5	120.0
72.00		44.4	62.1	79.9	97.6	115.4	44.4	62.1	79.9	97.6	115.4	42.7	59.8	76.9	93.9	111.0
36.00		84.8	118.7	120.0	120.0	120.0	84.8	118.7	120.0	120.0	120.0	81.6	114.2	120.0	120.0	120.0
42.00		72.7	101.7	120.0	120.0	120.0	72.7	101.7	120.0	120.0	120.0	69.9	97.9	120.0	120.0	120.0
48.00	162.00	63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
54.00		56.5	79.1	101.7	120.0	120.0	56.5	79.1	101.7	120.0	120.0	54.4	76.1	97.9	119.6	120.0
60.00		50.9	71.2	91.6	111.9	120.0	50.9	71.2	91.6	111.9	120.0	48.9	68.5	88.1	107.7	120.0
66.00		46.2	64.7	83.2	101.7	120.0	46.2	64.7	83.2	101.7	120.0	44.5	62.3	80.1	97.9	115.7
72.00		42.4	59.4	76.3	93.3	110.2	42.4	59.4	76.3	93.3	110.2	40.8	57.1	73.4	89.7	106.0
36.00		81.6	114.3	120.0	120.0	120.0	81.6	114.3	120.0	120.0	120.0	78.6	110.0	120.0	120.0	120.0
42.00	168.00	70.0	98.0	120.0	120.0	120.0	70.0	98.0	120.0	120.0	120.0	67.3	94.3	120.0	120.0	120.0
48.00		61.2	85.7	110.2	120.0	120.0	61.2	85.7	110.2	120.0	120.0	58.9	82.5	106.0	120.0	120.0
54.00		54.4	76.2	98.0	119.7	120.0	54.4	76.2	98.0	119.7	120.0	52.4	73.3	94.3	115.2	120.0
60.00		49.0	68.6	88.2	107.8	120.0	49.0	68.6	88.2	107.8	120.0	47.1	66.0	84.8	103.7	120.0
66.00		44.5	62.3	80.2	98.0	115.8	44.5	62.3	80.2	98.0	115.8	42.8	60.0	77.1	94.3	111.4
72.00		40.8	57.2	73.5	89.8	106.1	40.8	57.2	73.5	89.8	106.1	39.3	55.0	70.7	86.4	102.1

MAX. ANCHOR CAPACITY FOR MULTI SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	168.00	78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
42.00		67.5	94.5	120.0	120.0	120.0	67.5	94.5	120.0	120.0	120.0	64.9	90.9	116.9	120.0	120.0
48.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
54.00		52.5	73.5	94.5	115.5	120.0	52.5	73.5	94.5	115.5	120.0	50.5	70.7	90.9	111.1	120.0
60.00		47.2	66.1	85.0	103.9	120.0	47.2	66.1	85.0	103.9	120.0	45.4	63.6	81.8	100.0	118.2
66.00		42.9	60.1	77.3	94.5	111.7	42.9	60.1	77.3	94.5	111.7	41.3	57.8	74.4	90.9	107.4
72.00	174.00	39.4	55.1	70.9	86.6	102.3	39.4	55.1	70.9	86.6	102.3	37.9	53.0	68.2	83.3	98.5
36.00		76.0	106.4	120.0	120.0	120.0	76.0	106.4	120.0	120.0	120.0	73.1	102.4	120.0	120.0	120.0
42.00		65.2	91.2	117.3	120.0	120.0	65.2	91.2	117.3	120.0	120.0	62.7	87.8	112.8	120.0	120.0
48.00		57.0	79.8	102.6	120.0	120.0	57.0	79.8	102.6	120.0	120.0	54.9	76.8	98.7	120.0	120.0
54.00		50.7	70.9	91.2	111.5	120.0	50.7	70.9	91.2	111.5	120.0	48.8	68.3	87.8	107.3	120.0
60.00		45.6	63.9	82.1	100.3	118.6	45.6	63.9	82.1	100.3	118.6	43.9	61.4	79.0	96.5	114.1
66.00	180.00	41.5	58.0	74.6	91.2	107.8	41.5	58.0	74.6	91.2	107.8	39.9	55.8	71.8	87.8	103.7
72.00		38.0	53.2	68.4	83.6	98.8	38.0	53.2	68.4	83.6	98.8	36.6	51.2	65.8	80.4	95.1
36.00		73.5	102.9	120.0	120.0	120.0	73.5	102.9	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0
42.00		63.0	88.2	113.4	120.0	120.0	63.0	88.2	113.4	120.0	120.0	60.6	84.8	109.1	120.0	120.0
48.00		55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0
54.00		49.0	68.6	88.2	107.8	120.0	49.0	68.6	88.2	107.8	120.0	47.1	66.0	84.8	103.7	120.0
60.00	186.00	44.1	61.7	79.4	97.0	114.6	44.1	61.7	79.4	97.0	114.6	42.4	59.4	76.4	93.3	110.3
66.00		40.1	56.1	72.1	88.2	104.2	40.1	56.1	72.1	88.2	104.2	38.6	54.0	69.4	84.8	100.3
72.00		36.7	51.4	66.1	80.8	95.5	36.7	51.4	66.1	80.8	95.5	35.3	49.5	63.6	77.8	91.9
36.00		71.1	99.6	120.0	120.0	120.0	71.1	99.6	120.0	120.0	120.0	68.4	95.8	120.0	120.0	120.0
42.00		61.0	85.3	109.7	120.0	120.0	61.0	85.3	109.7	120.0	120.0	58.6	82.1	105.6	120.0	120.0
48.00		53.3	74.7	96.0	117.3	120.0	53.3	74.7	96.0	117.3	120.0	51.3	71.8	92.4	112.9	120.0
54.00	192.00	47.4	66.4	85.3	104.3	120.0	47.4	66.4	85.3	104.3	120.0	45.6	63.9	82.1	100.3	118.6
60.00		42.7	59.7	76.8	93.9	110.9	42.7	59.7	76.8	93.9	110.9	41.0	57.5	73.9	90.3	106.7
66.00		38.8	54.3	69.8	85.3	100.8	38.8	54.3	69.8	85.3	100.8	37.3	52.2	67.2	82.1	97.0
72.00		35.6	49.8	64.0	78.2	92.4	35.6	49.8	64.0	78.2	92.4	34.2	47.9	61.6	75.3	88.9
36.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
42.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
48.00	198.00	51.7	72.3	93.0	113.7	120.0	51.7	72.3	93.0	113.7	120.0	49.7	69.6	89.5	109.4	120.0
54.00		45.9	64.3	82.7	101.0	119.4	45.9	64.3	82.7	101.0	119.4	44.2	61.9	79.5	97.2	114.9
60.00		41.3	57.9	74.4	90.9	107.5	41.3	57.9	74.4	90.9	107.5	39.8	55.7	71.6	87.5	103.4
66.00		37.6	52.6	67.6	82.7	97.7	37.6	52.6	67.6	82.7	97.7	36.2	50.6	65.1	79.5	94.0
72.00		34.4	48.2	62.0	75.8	89.6	34.4	48.2	62.0	75.8	89.6	33.1	46.4	59.7	72.9	86.2
36.00		66.1	92.6	119.0	120.0	120.0	66.1	92.6	119.0	120.0	120.0	63.6	89.1	114.5	120.0	120.0
42.00	204.00	56.7	79.4	102.0	120.0	120.0	56.7	79.4	102.0	120.0	120.0	54.5	76.4	98.2	120.0	120.0
48.00		49.6	69.4	89.3	109.1	120.0	49.6	69.4	89.3	109.1	120.0	47.7	66.8	85.9	105.0	120.0
54.00		44.1	61.7	79.4	97.0	114.6	44.1	61.7	79.4	97.0	114.6	42.4	59.4	76.4	93.3	110.3
60.00		39.7	55.6	71.4	87.3	103.2	39.7	55.6	71.4	87.3	103.2	38.2	53.4	68.6	84.0	99.3
66.00		36.1	50.5	64.9	79.4	93.8	36.1	50.5	64.9	79.4	93.8	34.7	48.6	62.5	76.4	90.2
72.00		33.1	46.3	59.5	72.7	86.0	33.1	46.3	59.5	72.7	86.0	31.8	44.5	57.3	70.0	82.7

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DOOR ANCHOR CAPACITY

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	54.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
60.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
66.00		100.2	120.0	120.0	120.0	120.0	100.2	120.0	120.0	120.0	120.0	96.4	120.0	120.0	120.0	120.0
72.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
78.00		84.8	118.7	120.0	120.0	120.0	84.8	118.7	120.0	120.0	120.0	81.6	114.2	120.0	120.0	120.0
84.00	60.00	78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
54.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0	120.0
60.00		99.2	120.0	120.0	120.0	120.0	99.2	120.0	120.0	120.0	120.0	95.4	120.0	120.0	120.0	120.0
66.00		90.2	120.0	120.0	120.0	120.0	90.2	120.0	120.0	120.0	120.0	86.8	120.0	120.0	120.0	120.0
72.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
78.00	66.00	76.3	106.8	120.0	120.0	120.0	76.3	106.8	120.0	120.0	120.0	73.4	102.8	120.0	120.0	120.0
84.00		70.9	99.2	120.0	120.0	120.0	70.9	99.2	120.0	120.0	120.0	68.2	95.4	120.0	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		112.7	120.0	120.0	120.0	120.0	112.7	120.0	120.0	120.0	120.0	108.5	120.0	120.0	120.0	120.0
54.00		100.2	120.0	120.0	120.0	120.0	100.2	120.0	120.0	120.0	120.0	96.4	120.0	120.0	120.0	120.0
60.00		90.2	120.0	120.0	120.0	120.0	90.2	120.0	120.0	120.0	120.0	86.8	120.0	120.0	120.0	120.0
66.00		82.0	114.8	120.0	120.0	120.0	82.0	114.8	120.0	120.0	120.0	78.9	110.4	120.0	120.0	120.0
72.00	72.00	75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
78.00		69.4	97.1	120.0	120.0	120.0	69.4	97.1	120.0	120.0	120.0	66.7	93.4	120.0	120.0	120.0
84.00		64.4	90.2	115.9	120.0	120.0	64.4	90.2	115.9	120.0	120.0	62.0	86.8	111.6	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
48.00		103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0
54.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
60.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
66.00	72.00	75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
72.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
78.00		63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
84.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
54.00		103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0
60.00	72.00	91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
66.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
72.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
78.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
84.00		63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00		118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
54.00	72.00	103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0
60.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
66.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
72.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
78.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
84.00		63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
36.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48.00	72.00	118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0	120.0
54.00		103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0	120.0
60.00		91.9	120.0	120.0	120.0	120.0	91.9	120.0	120.0	120.0	120.0	88.4	120.0	120.0	120.0	120.0
66.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
72.00		75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
78.00		68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
84.00		63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
84.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0

NOTE:
A2 REPRESENTS (2) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A3 REPRESENTS (3) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A4 REPRESENTS (4) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A5 REPRESENTS (5) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A6 REPRESENTS (6) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

ALL ANCHORS ARE CALCULATED WITH 1" SHIM SPACE

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	78.00	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42.00		109.0	120.0	120.0	120.0	120.0	109.0	120.0	120.0	120.0	120.0	104.9	120.0	120.0	120.0	120.0
48.00		95.4	120.0	120.0	120.0	120.0	95.4	120.0	120.0	120.0	120.0	91.8	120.0	120.0	120.0	120.0
54.00		84.8	118.7	120.0	120.0	120.0	84.8	118.7	120.0	120.0	120.0	81.6	114.2	120.0	120.0	120.0
60.00		76.3	106.8	120.0	120.0	120.0	76.3	106.8	120.0	120.0	120.0	73.4	102.8	120.0	120.0	120.0
66.00		69.4	97.1	120.0	120.0	120.0	69.4	97.1	120.0	120.0	120.0	66.7	93.4	120.0	120.0	120.0
72.00		63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
78.00		58.7	82.2	105.7	120.0	120.0	58.7	82.2	105.7	120.0	120.0	56.5	79.1	101.7	120.0	120.0
84.00		54.5	76.3	98.1	119.9	120.0	54.5	76.3	98.1	119.9	120.0	52.4	73.4	94.4	115.4	120.0
36.00		84.00	118.1	120.0	120.0	120.0	120.0	118.1	120.0	120.0	120.0	120.0	113.6	120.0	120.0	120.0
42.00	101.2		120.0	120.0	120.0	120.0	101.2	120.0	120.0	120.0	120.0	97.4	120.0	120.0	120.0	120.0
48.00	88.6		120.0	120.0	120.0	120.0	88.6	120.0	120.0	120.0	120.0	85.2	119.3	120.0	120.0	120.0
54.00	78.7		110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
60.00	70.9		99.2	120.0	120.0	120.0	70.9	99.2	120.0	120.0	120.0	68.2	95.4	120.0	120.0	120.0
66.00	64.4		90.2	115.9	120.0	120.0	64.4	90.2	115.9	120.0	120.0	62.0	86.8	111.6	120.0	120.0
72.00	59.0		82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
78.00	54.5		76.3	98.1	119.9	120.0	54.5	76.3	98.1	119.9	120.0	52.4	73.4	94.4	115.4	120.0
84.00	50.6		70.9	91.1	111.3	120.0	50.6	70.9	91.1	111.3	120.0	48.7	68.2	87.6	107.1	120.0
36.00	90.00		110.2	120.0	120.0	120.0	120.0	110.2	120.0	120.0	120.0	120.0	106.0	120.0	120.0	120.0
42.00		94.5	120.0	120.0	120.0	120.0	94.5	120.0	120.0	120.0	120.0	90.9	120.0	120.0	120.0	120.0
48.00		82.7	115.7	120.0	120.0	120.0	82.7	115.7	120.0	120.0	120.0	79.5	111.3	120.0	120.0	120.0
54.00		73.5	102.9	120.0	120.0	120.0	73.5	102.9	120.0	120.0	120.0	70.7	99.0	120.0	120.0	120.0
60.00		66.1	92.6	119.0	120.0	120.0	66.1	92.6	119.0	120.0	120.0	63.6	89.1	114.5	120.0	120.0
66.00		60.1	84.2	108.2	120.0	120.0	60.1	84.2	108.2	120.0	120.0	57.8	81.0	104.1	120.0	120.0
72.00		55.1	77.2	99.2	120.0	120.0	55.1	77.2	99.2	120.0	120.0	53.0	74.2	95.4	116.6	120.0
78.00		50.9	71.2	91.6	111.9	120.0	50.9	71.2	91.6	111.9	120.0	48.9	68.5	88.1	107.7	120.0
84.00		47.2	66.1	85.0	103.9	120.0	47.2	66.1	85.0	103.9	120.0	45.4	63.6	81.8	100.0	118.2
36.00		96.00	103.3	120.0	120.0	120.0	120.0	103.3	120.0	120.0	120.0	120.0	99.4	120.0	120.0	120.0
42.00	88.6		120.0	120.0	120.0	120.0	88.6	120.0	120.0	120.0	120.0	85.2	119.3	120.0	120.0	120.0
48.00	77.5		108.5	120.0	120.0	120.0	77.5	108.5	120.0	120.0	120.0	74.6	104.4	120.0	120.0	120.0
54.00	68.9		96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
60.00	62.0		86.8	111.6	120.0	120.0	62.0	86.8	111.6	120.0	120.0	59.7	83.5	107.4	120.0	120.0
66.00	56.4		78.9	101.5	120.0	120.0	56.4	78.9	101.5	120.0	120.0	54.2	75.9	97.6	119.3	120.0
72.00	51.7		72.3	93.0	113.7	120.0	51.7	72.3	93.0	113.7	120.0	49.7	69.6	89.5	109.4	120.0
78.00	47.7		66.8	85.8	104.9	120.0	47.7	66.8	85.8	104.9	120.0	45.9	64.2	82.6	100.9	119.3
84.00	44.3		62.0	79.7	97.4	115.1	44.3	62.0	79.7	97.4	115.1	42.6	59.7	76.7	93.7	110.8

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DOOR ANCHOR CAPACITY

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	126.00	78.7	110.2	120.0	120.0	120.0	78.7	110.2	120.0	120.0	120.0	75.7	106.0	120.0	120.0	120.0
42.00		67.5	94.5	120.0	120.0	120.0	67.5	94.5	120.0	120.0	120.0	64.9	90.9	116.9	120.0	120.0
48.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
54.00		52.5	73.5	94.5	115.5	120.0	52.5	73.5	94.5	115.5	120.0	50.5	70.7	90.9	111.1	120.0
60.00		47.2	66.1	85.0	103.9	120.0	47.2	66.1	85.0	103.9	120.0	45.4	63.6	81.8	100.0	118.2
66.00		42.9	60.1	77.3	94.5	111.7	42.9	60.1	77.3	94.5	111.7	41.3	57.8	74.4	90.9	107.4
72.00		39.4	55.1	70.9	86.6	102.3	39.4	55.1	70.9	86.6	102.3	37.9	53.0	68.2	83.3	98.5
78.00		36.3	50.9	65.4	79.9	94.5	36.3	50.9	65.4	79.9	94.5	35.0	48.9	62.9	76.9	90.9
84.00		33.7	47.2	60.7	74.2	87.7	33.7	47.2	60.7	74.2	87.7	32.5	45.4	58.4	71.4	84.4
36.00	132.00	75.2	105.2	120.0	120.0	120.0	75.2	105.2	120.0	120.0	120.0	72.3	101.2	120.0	120.0	120.0
42.00		64.4	90.2	115.9	120.0	120.0	64.4	90.2	115.9	120.0	120.0	62.0	86.8	111.6	120.0	120.0
48.00		56.4	78.9	101.5	120.0	120.0	56.4	78.9	101.5	120.0	120.0	54.2	75.9	97.6	119.3	120.0
54.00		50.1	70.1	90.2	110.2	120.0	50.1	70.1	90.2	110.2	120.0	48.2	67.5	86.8	106.0	120.0
60.00		45.1	63.1	81.2	99.2	117.2	45.1	63.1	81.2	99.2	117.2	43.4	60.7	78.1	95.4	112.8
66.00		41.0	57.4	73.8	90.2	106.6	41.0	57.4	73.8	90.2	106.6	39.4	55.2	71.0	86.8	102.5
72.00		37.6	52.6	67.6	82.7	97.7	37.6	52.6	67.6	82.7	97.7	36.2	50.6	65.1	79.5	94.0
78.00		34.7	48.6	62.4	76.3	90.2	34.7	48.6	62.4	76.3	90.2	33.4	46.7	60.1	73.4	86.8
84.00		32.2	45.1	58.0	70.9	83.7	32.2	45.1	58.0	70.9	83.7	31.0	43.4	55.8	68.2	80.6
36.00	138.00	71.9	100.6	120.0	120.0	120.0	71.9	100.6	120.0	120.0	120.0	69.2	96.8	120.0	120.0	120.0
42.00		61.6	86.3	110.9	120.0	120.0	61.6	86.3	110.9	120.0	120.0	59.3	83.0	106.7	120.0	120.0
48.00		53.9	75.5	97.0	118.6	120.0	53.9	75.5	97.0	118.6	120.0	51.9	72.6	93.4	114.1	120.0
54.00		47.9	67.1	86.3	105.4	120.0	47.9	67.1	86.3	105.4	120.0	46.1	64.5	83.0	101.4	119.9
60.00		43.1	60.4	77.6	94.9	112.1	43.1	60.4	77.6	94.9	112.1	41.5	58.1	74.7	91.3	107.9
66.00		39.2	54.9	70.6	86.3	101.9	39.2	54.9	70.6	86.3	101.9	37.7	52.8	67.9	83.0	98.1
72.00		35.9	50.3	64.7	79.1	93.4	35.9	50.3	64.7	79.1	93.4	34.6	48.4	62.2	76.1	89.9
78.00		33.2	46.4	59.7	73.0	86.3	33.2	46.4	59.7	73.0	86.3	31.9	44.7	57.5	70.2	83.0
84.00		30.8	43.1	55.5	67.8	80.1	30.8	43.1	55.5	67.8	80.1	29.6	41.5	53.4	65.2	77.1
36.00	144.00	68.9	96.4	120.0	120.0	120.0	68.9	96.4	120.0	120.0	120.0	66.3	92.8	119.3	120.0	120.0
42.00		59.0	82.7	106.3	120.0	120.0	59.0	82.7	106.3	120.0	120.0	56.8	79.5	102.3	120.0	120.0
48.00		51.7	72.3	93.0	113.7	120.0	51.7	72.3	93.0	113.7	120.0	49.7	69.6	89.5	109.4	120.0
54.00		45.9	64.3	82.7	101.0	119.4	45.9	64.3	82.7	101.0	119.4	44.2	61.9	79.5	97.2	114.9
60.00		41.3	57.9	74.4	90.9	107.5	41.3	57.9	74.4	90.9	107.5	39.8	55.7	71.6	87.5	103.4
66.00		37.6	52.6	67.6	82.7	97.7	37.6	52.6	67.6	82.7	97.7	36.2	50.6	65.1	79.5	94.0
72.00		34.4	48.2	62.0	75.8	89.6	34.4	48.2	62.0	75.8	89.6	33.1	46.4	59.7	72.9	86.2
78.00		31.8	44.5	57.2	69.9	82.7	31.8	44.5	57.2	69.9	82.7	30.6	42.8	55.1	67.3	79.5
84.00		29.5	41.3	53.1	65.0	76.8	29.5	41.3	53.1	65.0	76.8	28.4	39.8	51.1	62.5	73.9

NOTE:
A2 REPRESENTS (2) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A3 REPRESENTS (3) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A4 REPRESENTS (4) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A5 REPRESENTS (5) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

A6 REPRESENTS (6) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.

ALL ANCHORS ARE CALCULATED WITH 1" SHIM SPACE

MAX. ANCHOR CAPACITY FOR SINGLE SPAN - DESIGN PRESSURES (+/- PSF)																
MAX. AVG. WIDTH 'W' (in.)	MAX. SPAN 'H' (in.)	A2	A3	A4	A5	A6	B2	B3	B4	B5	B6	C2	C3	C4	C5	C6
36.00	149.00	66.6	93.2	119.8	120.0	120.0	66.6	93.2	119.8	120.0	120.0	64.1	89.7	115.3	120.0	120.0
42.00		57.1	79.9	102.7	120.0	120.0	57.1	79.9	102.7	120.0	120.0	54.9	76.9	98.8	120.0	120.0
48.00		49.9	69.9	89.9	109.9	120.0	49.9	69.9	89.9	109.9	120.0	48.0	67.3	86.5	105.7	120.0
54.00		44.4	62.1	79.9	97.6	115.4	44.4	62.1	79.9	97.6	115.4	42.7	59.8	76.9	93.9	111.0
60.00		39.9	55.9	71.9	87.9	103.9	39.9	55.9	71.9	87.9	103.9	38.4	53.8	69.2	84.6	99.9
66.00		36.3	50.8	65.4	79.9	94.4	36.3	50.8	65.4	79.9	94.4	34.9	48.9	62.9	76.9	90.8
72.00		33.3	46.6	59.9	73.2	86.6	33.3	46.6	59.9	73.2	86.6	32.0	44.8	57.6	70.5	83.3
78.00		30.7	43.0	55.3	67.6	79.9	30.7	43.0	55.3	67.6	79.9	29.6	41.4	53.2	65.0	76.9
84.00		28.5	39.9	51.4	62.8	74.2	28.5	39.9	51.4	62.8	74.2	27.5	38.4	49.4	60.4	71.4
36.00	156.00	63.6	89.0	114.5	120.0	120.0	63.6	89.0	114.5	120.0	120.0	61.2	85.7	110.1	120.0	120.0
42.00		54.5	76.3	98.1	119.9	120.0	54.5	76.3	98.1	119.9	120.0	52.4	73.4	94.4	115.4	120.0
48.00		47.7	66.8	85.8	104.9	120.0	47.7	66.8	85.8	104.9	120.0	45.9	64.2	82.6	100.9	119.3
54.00		42.4	59.4	76.3	93.3	110.2	42.4	59.4	76.3	93.3	110.2	40.8	57.1	73.4	89.7	106.0
60.00		38.2	53.4	68.7	83.9	99.2	38.2	53.4	68.7	83.9	99.2	36.7	51.4	66.1	80.8	95.4
66.00		34.7	48.6	62.4	76.3	90.2	34.7	48.6	62.4	76.3	90.2	33.4	46.7	60.1	73.4	86.8
72.00		31.8	44.5	57.2	69.9	82.7	31.8	44.5	57.2	69.9	82.7	30.6	42.8	55.1	67.3	79.5
78.00		29.3	41.1	52.8	64.6	76.3	29.3	41.1	52.8	64.6	76.3	28.2	39.5	50.8	62.1	73.4
84.00		27.3	38.2	49.1	60.0	70.9	27.3	38.2	49.1	60.0	70.9	26.2	36.7	47.2	57.7	68.2
36.00	161.75	61.3	85.9	110.4	120.0	120.0	61.3	85.9	110.4	120.0	120.0	59.0	82.6	106.2	120.0	120.0
42.00		52.6	73.6	94.6	115.6	120.0	52.6	73.6	94.6	115.6	120.0	50.6	70.8	91.0	111.3	120.0
48.00		46.0	64.4	82.8	101.2	119.6	46.0	64.4	82.8	101.2	119.6	44.3	62.0	79.7	97.4	115.1
54.00		40.9	57.2	73.6	89.9	106.3	40.9	57.2	73.6	89.9	106.3	39.3	55.1	70.8	86.5	102.3
60.00		36.8	51.5	66.2	81.0	95.7	36.8	51.5	66.2	81.0	95.7	35.4	49.6	63.7	77.9	92.0
66.00		33.5	46.8	60.2	73.6	87.0	33.5	46.8	60.2	73.6	87.0	32.2	45.1	57.9	70.8	83.7
72.00		30.7	42.9	55.2	67.5	79.7	30.7	42.9	55.2	67.5	79.7	29.5	41.3	53.1	64.9	76.7
78.00		28.3	39.6	51.0	62.3	73.6	28.3	39.6	51.0	62.3	73.6	27.2	38.1	49.0	59.9	70.8
82.1875		26.9	37.6	48.4	59.1	69.8	26.9	37.6	48.4	59.1	69.8	25.8	36.2	46.5	56.9	67.2



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

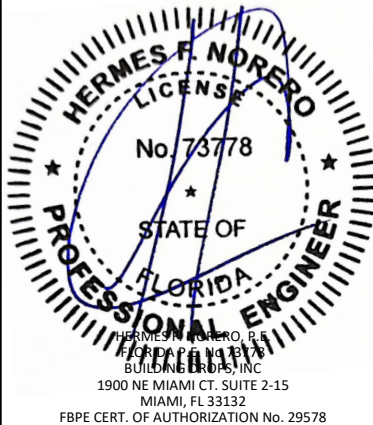
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
ANCHORS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
FL41589

DATE: **01.07.2025**

DWG. BY: **FB** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GIP013**

SHEET:
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OF 9

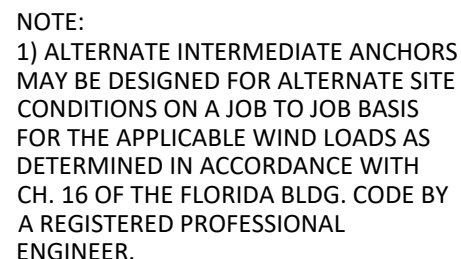
WIND LOAD & DEAD LOAD ANCHORS

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1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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INTERMEDIATE ANCHOR AT VERTICAL MULLION



NOTE: REFER TO SECTION 4.5 & 4.6 FOR REINFORCEMENT REQUIREMENTS

**TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)**

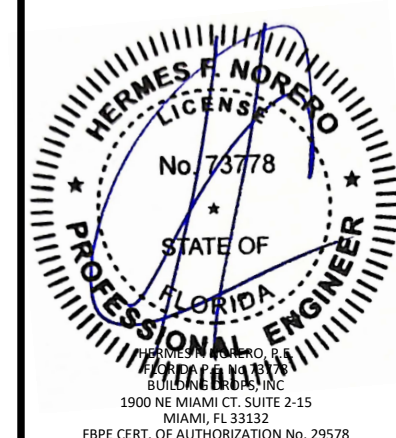
WIND LOAD & DEAD LOAD ANCHORS

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT., SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

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DATE: 01.07.2025

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CHK. BY:
HFN

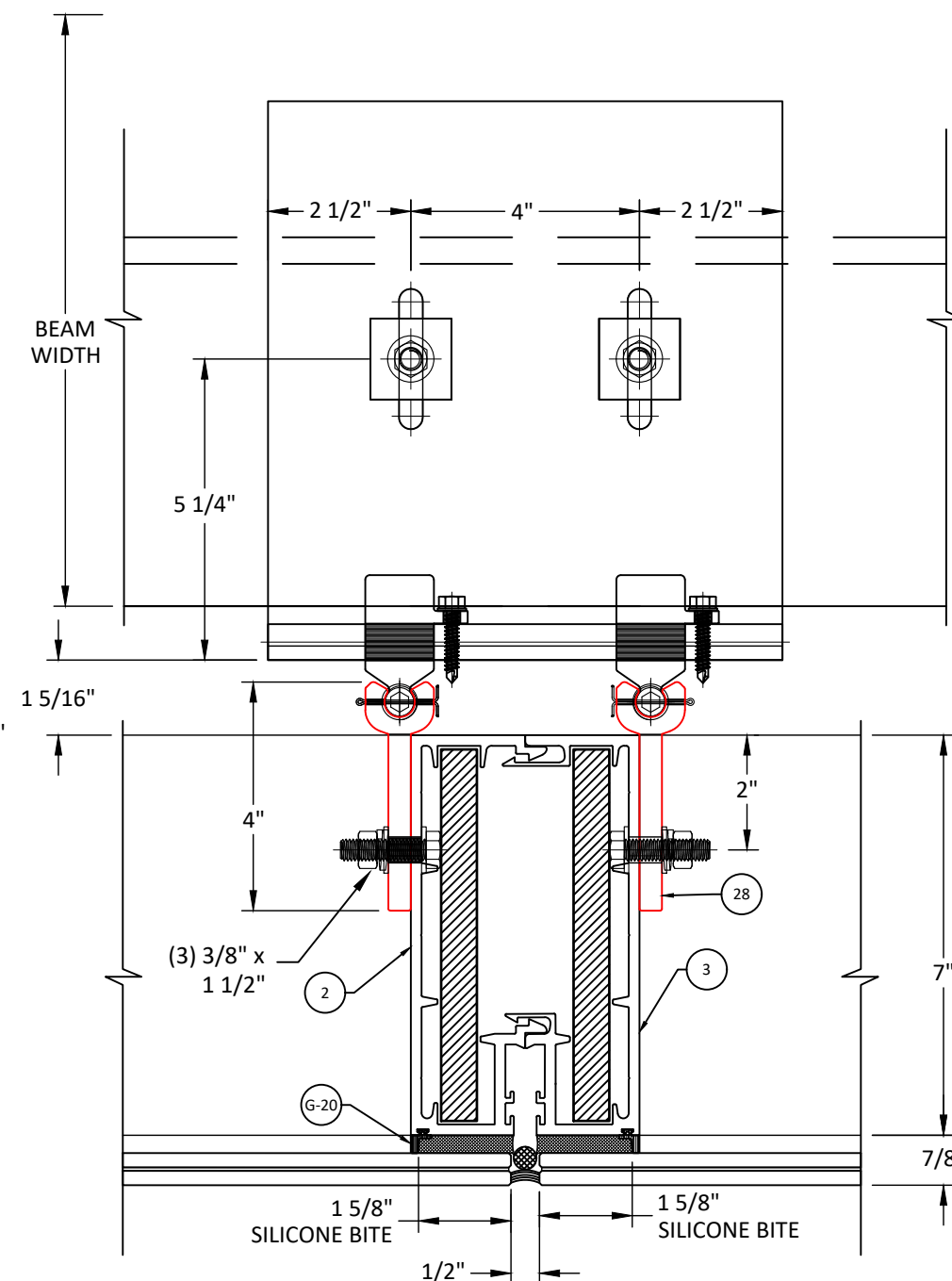
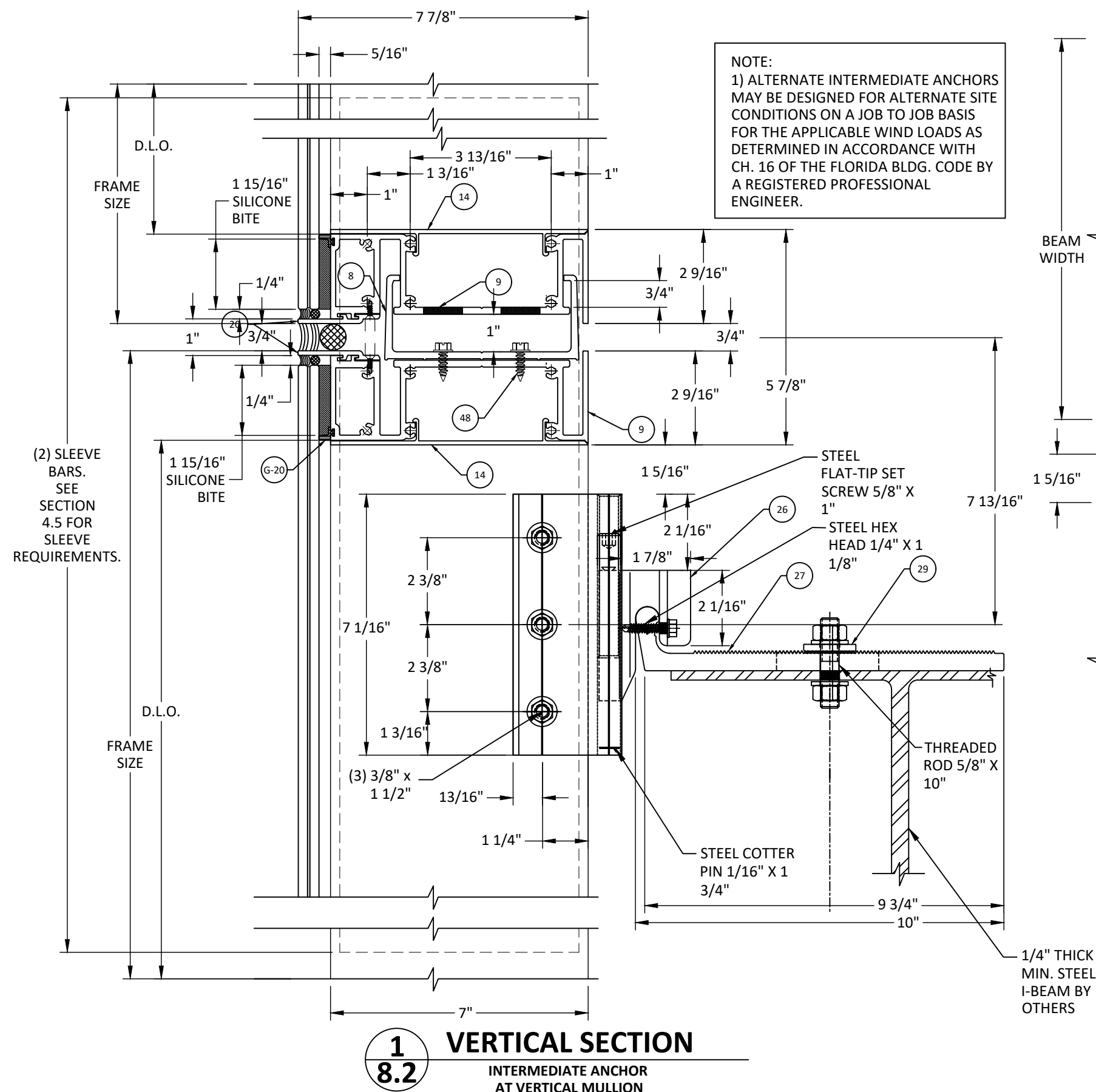
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DWG. #: GIP013

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8.2

OF 9

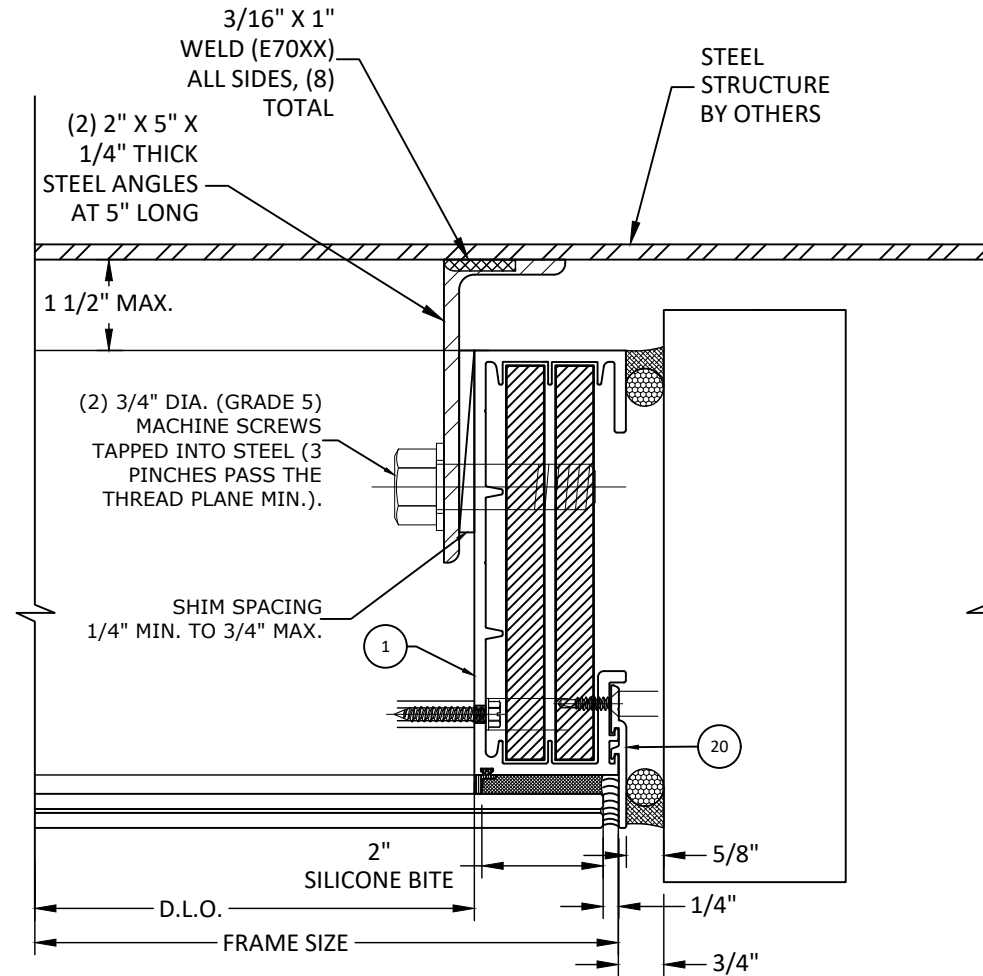
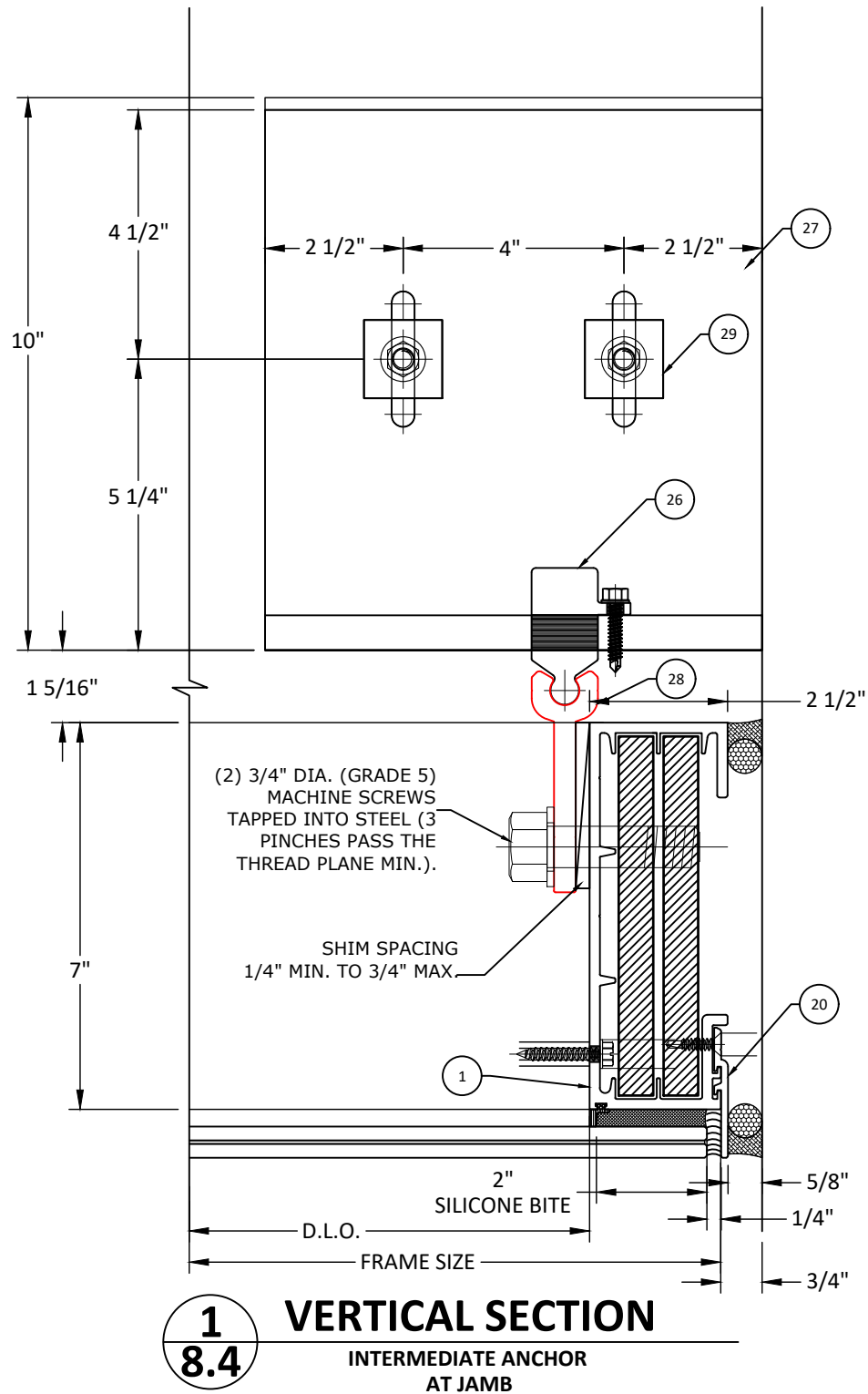


2 HORIZONTAL SECTION

8.2 INTERMEDIATE ANCHOR AT VERTICAL CURVE

NOTE: REFER TO SECTION 4.5 & 4.6 FOR
REINFORCEMENT REQUIREMENTS

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8.4

HORIZONTAL SECTION
INTERMEDIATE ANCHOR
AT VERTICAL MULLION

NOTE: REFER TO SECTION 4.5 & 4.6 FOR
REINFORCEMENT REQUIREMENTS

NOTE:
1) ALTERNATE INTERMEDIATE ANCHORS
MAY BE DESIGNED FOR ALTERNATE SITE
CONDITIONS ON A JOB TO JOB BASIS
FOR THE APPLICABLE WIND LOADS AS
DETERMINED IN ACCORDANCE WITH
CH. 16 OF THE FLORIDA BLDG. CODE BY
A REGISTERED PROFESSIONAL
ENGINEER.



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

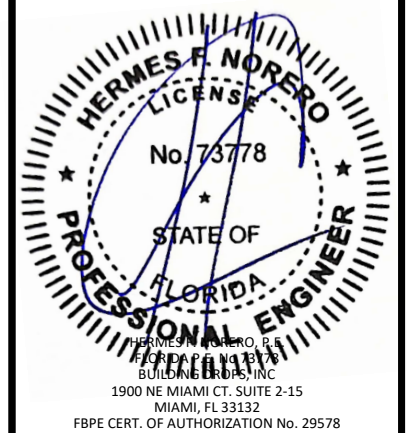
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
WIND LOAD &
DEAD LOAD ANCHORS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

B.D.
BUILDING DROPS

REMARKS	BY	DATE

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ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:
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DATE: **01.07.2025**

DWG. BY: **FB** CHK. BY: **HFN**

SCALE: **NTS**

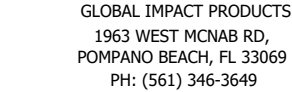
DWG. #: **GIP013**

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8.4
OF 9

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)				
NOMINAL DIMENSIONS		ANCHOR TYPE D	ANCHOR TYPE E	3/16" X 1" CONTINUOUS WELD
WIDTH (IN.)	HEIGHT (IN.)			
36.00	168.00	96.4	70.5	87.6
42.00		82.7	60.4	75.0
48.00		72.3	52.9	65.7
54.00		64.3	47.0	58.4
60.00		57.9	42.3	52.5
66.00		52.6	38.4	47.8
72.00		48.2	35.2	43.8
36.00	174.00	93.1	68.0	84.5
42.00		79.8	58.3	72.5
48.00		69.8	51.0	63.4
54.00		62.1	45.4	56.4
60.00		55.9	40.8	50.7
66.00		50.8	37.1	46.1
72.00		46.6	34.0	42.3
36.00	180.00	90.0	65.8	81.7
42.00		77.1	56.4	70.0
48.00		67.5	49.3	61.3
54.00		60.0	43.9	54.5
60.00		54.0	39.5	49.0
66.00		49.1	35.9	44.6
72.00		45.0	32.9	40.9
36.00	186.00	87.1	63.7	79.1
42.00		74.7	54.6	67.8
48.00		65.3	47.7	59.3
54.00		58.1	42.4	52.7
60.00		52.3	38.2	47.5
66.00		47.5	34.7	43.1
72.00		43.5	31.8	39.5
36.00	192.00	84.4	61.7	76.6
42.00		72.3	52.9	65.7
48.00		63.3	46.3	57.5
54.00		56.3	41.1	51.1
60.00		50.6	37.0	46.0
66.00		46.0	33.6	41.8
72.00		42.2	30.8	38.3
36.00	200.00	81.0	59.2	73.5
42.00		69.4	50.7	63.0
48.00		60.8	44.4	55.2
54.00		54.0	39.5	49.0
60.00		48.6	35.5	44.1
66.00		44.2	32.3	40.1
72.00		40.5	29.6	36.8
36.00	206.00	78.6	57.5	71.4
42.00		67.4	49.3	61.2
48.00		59.0	43.1	53.6
54.00		52.4	38.3	47.6
60.00		47.2	34.5	42.8
66.00		42.9	31.4	38.9
72.00		39.3	28.7	35.7
36.00	212.00	76.4	55.8	69.4
42.00		65.5	47.9	59.5
48.00		57.3	41.9	52.0
54.00		50.9	37.2	46.3
60.00		45.8	33.5	41.6
66.00		41.7	30.5	37.8
72.00		38.2	27.9	34.7
36.00	216.00	75.0	54.8	68.1
42.00		64.3	47.0	58.4
48.00		56.3	41.1	51.1
54.00		50.0	36.5	45.4
60.00		45.0	32.9	40.9
66.00		40.9	29.9	37.1
72.00		37.5	27.4	34.0

*NOTE:
WELD IS 3/16" X 1" WELDS (E70XX) ALL
SIDES, (8) TOTAL



REMARKS	BY	DATE

HERMES F. NORERO, P.E.
 FLORIDA P.A. NO. 8778
 BUILDING GROUPS, INC.
 1900 NE MIAMI CT. SUITE 2-15
 MIAMI, FL 33132
 FBPE CERT. OF AUTHORIZATION NO. 29578

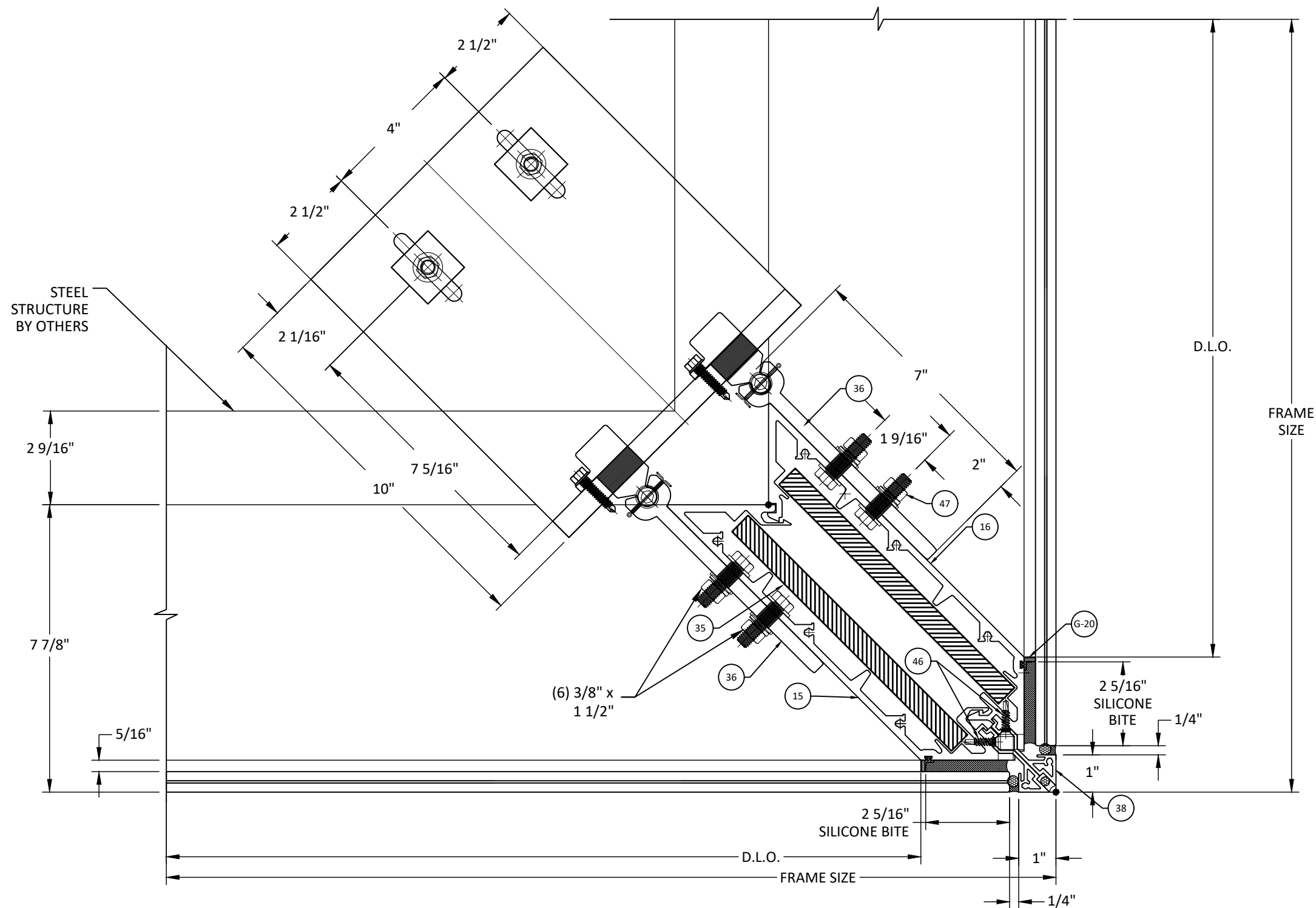
DATE: 01.07.2025

SCALE: NTS

DWG. #: **GIP013**

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1 HORIZONTAL SECTION
8.6 INTERMEDIATE ANCHOR AT JAMB

NOTE: REFER TO SECTION 4.6 FOR REINFORCEMENT REQUIREMENTS



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1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)

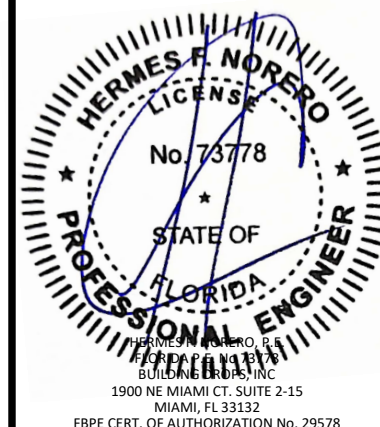
WIND LOAD &
DEAD LOAD ANCHORS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



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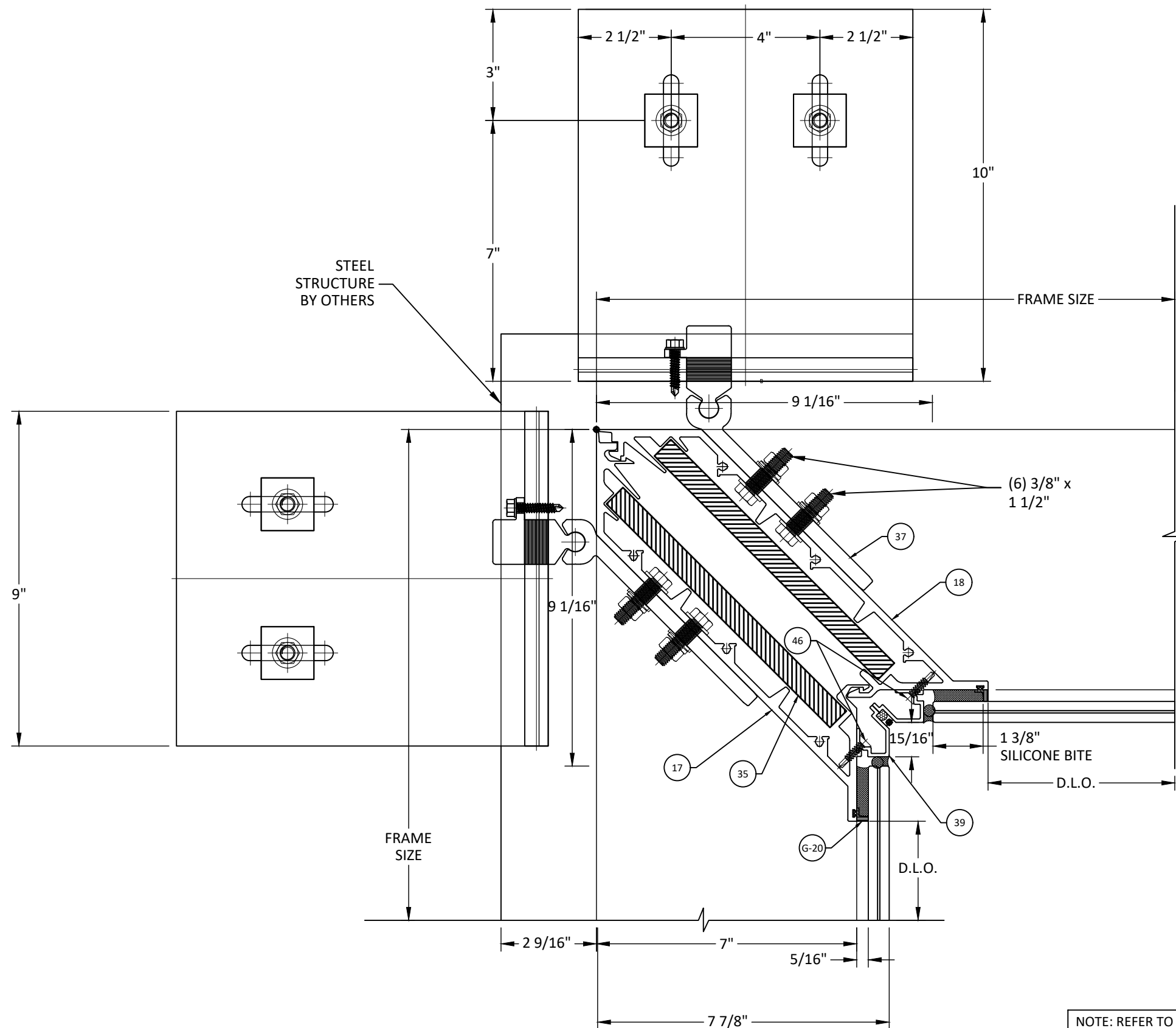
SCALE: **NTS**

DWG. #: **GIP013**

SHEET:

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OF 9



1 HORIZONTAL SECTION

8.7 INTERMEDIATE ANCHOR AT JAMB

8.7

**INTERMEDIATE ANCHOR
AT JAMB**

NOTE: REFER TO SECTION 4.6 FOR
REINFORCEMENT REQUIREMENTS



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
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PH: (561) 346-3649

GLOBAL IMPACT PRODUCTS
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POMPANO BEACH, FL 33069
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1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

POMPANO BEACH, FL 33069

PH: (561) 346-3649

TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)

WIND LOAD & DEAD LOAD ANCHORS

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15

1900 NE MIAMI CT. SUITE 2-15
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PH: (954)399-8478

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PH: (954)399-8478

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FAX: (954)744.4738

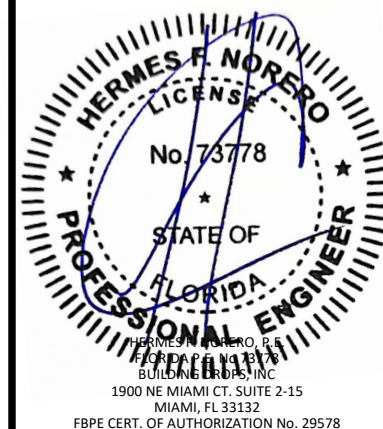
FAX: (954)744.4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE

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No. 73778

STATE OF

HERMES N. MORENO, P.E.
FLORIDA P.E. NO. 13178
BUILDING DROPS, INC
100 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
RT. OF AUTHORIZATION No. 29578

100 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
RT. OF AUTHORIZATION No. 29578

MIAMI, FL 33132
RT. OF AUTHORIZATION No. 29578

MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL41589

DATE: 01.07.2025

DWG. BY:
FB

CHK. BY:
HFN

SCALE: NTS

DWG. #: GIP013

SHEET:

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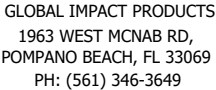
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INTERMEDIATE TABLES

INSIDE CORNER MULLION

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE D	ANCHOR TYPE E
WIDTH (IN.)	HEIGHT (IN.)		
36.00	168.00	96.4	70.5
42.00		82.7	60.4
48.00		72.3	52.9
54.00		64.3	47.0
60.00		57.9	42.3
66.00		52.6	38.4
72.00	174.00	48.2	35.2
36.00		93.1	68.0
42.00		79.8	58.3
48.00		69.8	51.0
54.00		62.1	45.4
60.00		55.9	40.8
66.00	180.00	50.8	37.1
72.00		46.6	34.0
36.00		90.0	65.8
42.00		77.1	56.4
48.00		67.5	49.3
54.00		60.0	43.9
60.00	186.00	54.0	39.5
66.00		49.1	35.9
72.00		45.0	32.9
36.00		87.1	63.7
42.00		74.7	54.6
48.00		65.3	47.7
54.00	192.00	58.1	42.4
60.00		52.3	38.2
66.00		47.5	34.7
72.00		43.5	31.8
36.00		84.4	61.7
42.00		72.3	52.9
48.00	198.00	63.3	46.3
54.00		56.3	41.1
60.00		50.6	37.0
66.00		46.0	33.6
72.00		42.2	30.8
36.00		81.0	59.2
42.00	200.00	69.4	50.7
48.00		60.8	44.4
54.00		54.0	39.5
60.00		48.6	35.5
66.00		44.2	32.3
72.00		40.5	29.6
36.00	206.00	78.6	57.5
42.00		67.4	49.3
48.00		59.0	43.1
54.00		52.4	38.3
60.00		47.2	34.5
66.00		42.9	31.4
72.00	212.00	39.3	28.7
36.00		76.4	55.8
42.00		65.5	47.9
48.00		57.3	41.9
54.00		50.9	37.2
60.00		45.8	33.5
66.00	216.00	41.7	30.5
72.00		38.2	27.9
36.00		75.0	54.8
42.00		64.3	47.0
48.00		56.3	41.1
54.00		50.0	36.5
60.00	222.00	45.0	32.9
66.00		40.9	29.9
72.00	37.5	27.4	

MAXIMUM DESIGN PRESSURE INSIDE CORNER - LIMITED BY ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE D	ANCHOR TYPE E
WIDTH (IN.)	HEIGHT (IN.)		
36.00	168.00	120.0	120.0
42.00		120.0	107.8
48.00		120.0	94.3
54.00		120.0	83.8
60.00		115.7	75.4
66.00		105.2	68.6
72.00		96.4	62.9
36.00		174.00	120.0
42.00	120.0		104.0
48.00	120.0		91.0
54.00	120.0		80.9
60.00	111.7		72.8
66.00	101.6		66.2
72.00	93.1		60.7
36.00	180.00		120.0
42.00		120.0	100.6
48.00		120.0	88.0
54.00		120.0	78.2
60.00		108.0	70.4
66.00		98.2	64.0
72.00		90.0	58.7
36.00		186.00	120.0
42.00	120.0		97.3
48.00	120.0		85.2
54.00	116.1		75.7
60.00	104.5		68.1
66.00	95.0		61.9
72.00	192.00	87.1	56.8
36.00		120.0	110.0
42.00		120.0	94.3
48.00		120.0	82.5
54.00		112.5	73.3
60.00		101.3	66.0
66.00		92.0	60.0
72.00		84.4	55.0
36.00	200.00	120.0	105.6
42.00		120.0	90.5
48.00		120.0	79.2
54.00		108.0	70.4
60.00		97.2	63.4
66.00		88.4	57.6
72.00		81.0	52.8
36.00		206.00	120.0
42.00	120.0		87.9
48.00	118.0		76.9
54.00	104.9		68.3
60.00	94.4		61.5
66.00	85.8		55.9
72.00	78.6		51.3
36.00	212.00	120.0	99.6
42.00		120.0	85.4
48.00		114.6	74.7
54.00		101.9	66.4
60.00		91.7	59.8
66.00		83.4	54.3
72.00		76.4	49.8
36.00	216.00	120.0	97.8
42.00		120.0	83.8
48.00		112.5	73.3
54.00		100.0	65.2
60.00		90.0	58.7
66.00		81.8	53.3
72.00		75.0	48.9

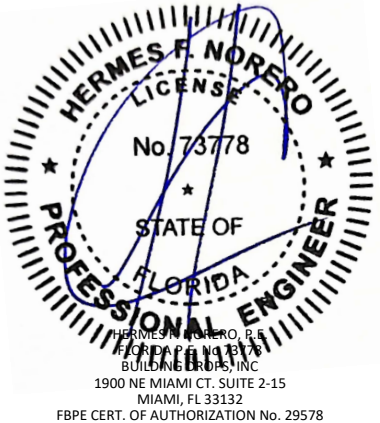


PREPARED BY:

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MIAMI, FL 33132
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FAX: (954)744.4738
WEB: www.buildingdrops.com



THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



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FL41589

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SCALE: NTS

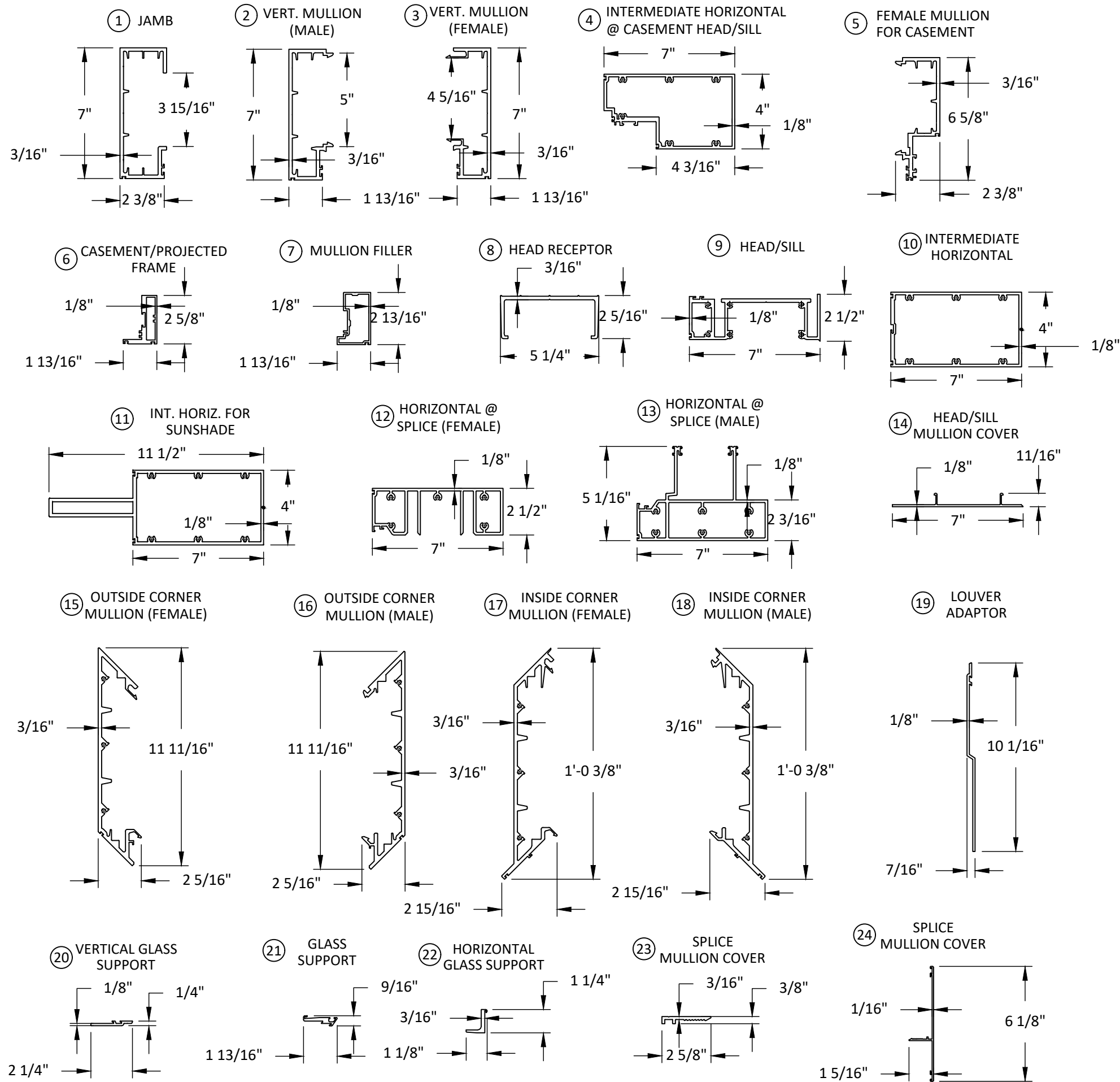
DWG. #: **GIP013**

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GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD.
POMPANO BEACH, FL 33069
PH: (561) 346-3649

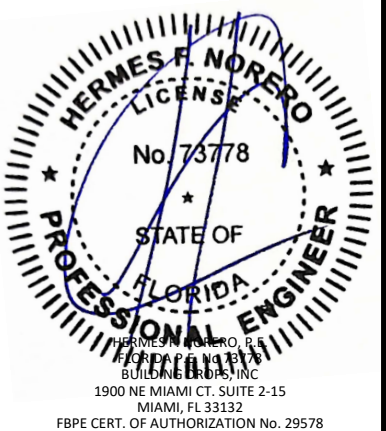
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
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COMPONENTS &
BILL OF MATERIAL

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BILL OF MATERIALS				
ITEM#	PART#	ITEM DESCRIPTION	MANUFACTURER	MATERIAL
37	8042	HOOK SUPPORT BRACKET (INSIDE CORNER) 7"	ALUCORP	6005-T5
38	8043	OUTSIDE CORNER END CAP	ALUCORP	6005-T5
39	8044	INSIDE CORNER END CAP	ALUCORP	6005-T5
40	8045	ALUMINUM REINFORCEMENT BAR 3 3/4" x 3/4"	ALUCORP	6005-T5
41	8046	ALUMINUM REINFORCEMENT BAR 6 1/2" x 3/4"	ALUCORP	6005-T5
42	8047	STEEL REINFORCEMENT BAR 3 3/4" x 3/4"	ALUCORP	A36 STEEL
43	8049	FILLER BRACKET	ALUCORP	ALUM AL.
44	8050	FILLER COVER	ALUCORP	ALUM AL.
45	8051	#12-14x3/4" DRILL FLEX SELF DRILLING #3 PHILIPS UNDERCUT FLAT HEAD	DEWALT	-
46	8052	#12-14x1" DRILL FLEX SELF DRILLING #3 PHILIPS UNDERCUT FLAT HEAD	DEWALT	-
47	8053	1/4"-14x1 1/2" DRILL FLEX STRUCTURAL SELF DRILLING SCREWS 3/8" FLEX WASHER HEAD	DEWALT	-
48	8054	1/4"-14x3/4" DRILL FLEX STRUCTURAL SELF DRILLING SCREWS 3/8" FLEX WASHER HEAD	DEWALT	-
49	8055	#10X3/4" SCREWS FLAT HEAD	DEWALT	-
50	212637	ALU STRIKER V .01 WK2	ROTO	-
51	326815	FRICTION HINGE ADJUSTMENT DEVICE	ROTO	-
52	334665	ALU CONNECTING ROD 6M (3PCS = 1)	ROTO	-
53	334671	ALU INSERTABLE CAM	ROTO	-
54	377474	ALU RL GEARED HANDLE W/ LOGO SILVER	ROTO	-
55	377475	ALU RL GEARED HANDLE W/ LOGO BLACK	ROTO	-
56	377477	ALU RL GEARED HANDLE W/ LOGO WHITE	ROTO	-
57	428264	ALU TH CONNECTOR	ROTO	-
58	428309	ALU GEARED HANDLE FORK 02	ROTO	-
59	447245	ALU-V INSERTABLE SECURITY CAM	ROTO	-
60	728844	AL CORNER DRIVE W/O MD	ROTO	-
61	728918	ALU STRIKER V .01	ROTO	-
62	477271	STERLING 4-BAR TH/FR HINGE 22-1/567	ROTO	-
63	485771	FRH HB SS SH 16" STK 16-19	ROTO	-



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
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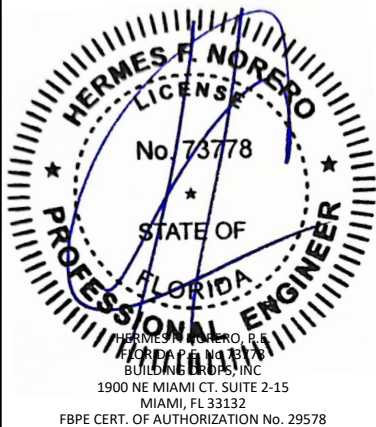
TITLE: 8000 SERIES ALUMINUM
CURTAIN WALL SYSTEMS
(HVHZ)/(IMPACT)
COMPONENTS &
BILL OF MATERIAL

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REMARKS	BY	DATE

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BILL OF MATERIALS				
ITEM#	PART#	ITEM DESCRIPTION	MANUFACTURER	MATERIAL
64	486367	ALU CENTER CLOSER BP	ROTO	-
65	G-20	GLASS SUPPORT GASKET	ALUCORP	PVC
66	G-21	PERIMETER GASKET FOR WINDOW	ALUCORP	EPDM
67	G-22	EXTERIOR WINDOW GASKET	ALUCORP	EPDM
68	G-23	STACK JOIN GASKET FOR LAMINATED GLASS 9/16"	ALUCORP	EPDM
69	G-24	MIDDLEMOST GASKET FOR WINDOW	ALUCORP	EPDM
70	G-25	STACK JOIN GASKET FOR CHICKEN HEAD	ALUCORP	EPDM
71	R7437	KEY FOR DETACHABLE RESTRICTOR STAY	ROTO	-
72	SDR6	6" DETACHABLE FRICTION RESTRICTOR STAY	ROTO	-



**GLOBAL
IMPACT
PRODUCTS**
MANUFACTURER WINDOWS & DOORS

GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

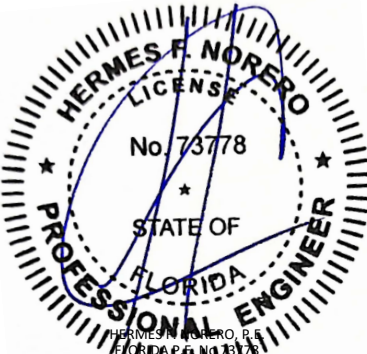
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HERMES F. NORERO, P.E.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL41589

DATE: **01.07.2025**

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SCALE: **NTS**

DWG. #: **GIP013**

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OF 9