

GLOBAL IMPACT PRODUCTS, LLC.

7000 SERIES ALUMINUM WINDOW WALL

(HVHZ)(IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION 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
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: ALUMINUM 6005-T6.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SECTION 6 FOR GLAZING DETAILS.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBERS OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- REFER TO SECTION 8 FOR ANCHOR TYPE, SUBSTRATE STRENGTH, EMBEDMENT & EDGE DISTANCE REQUIREMENTS. FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS FOR INSTALLATION OF ANCHORS.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
- 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 7. |
| STEP 4 | USING HEAD/SILL ANCHOR DETAILS, SELECT ANCHOR OPTION FROM TABLES ON SECTION 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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9	COMPONENTS & BILL OF MATERIAL



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

TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)(IMPACT)
INSTALLATION &
GENERAL NOTES

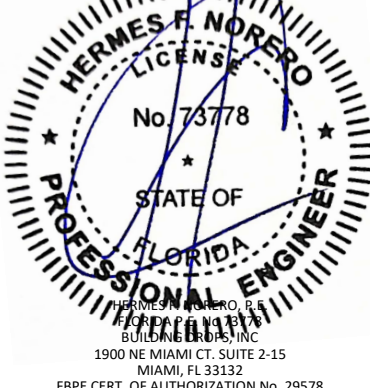
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BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
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FAX: (954)744-4738
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REMARKS	BY	DATE

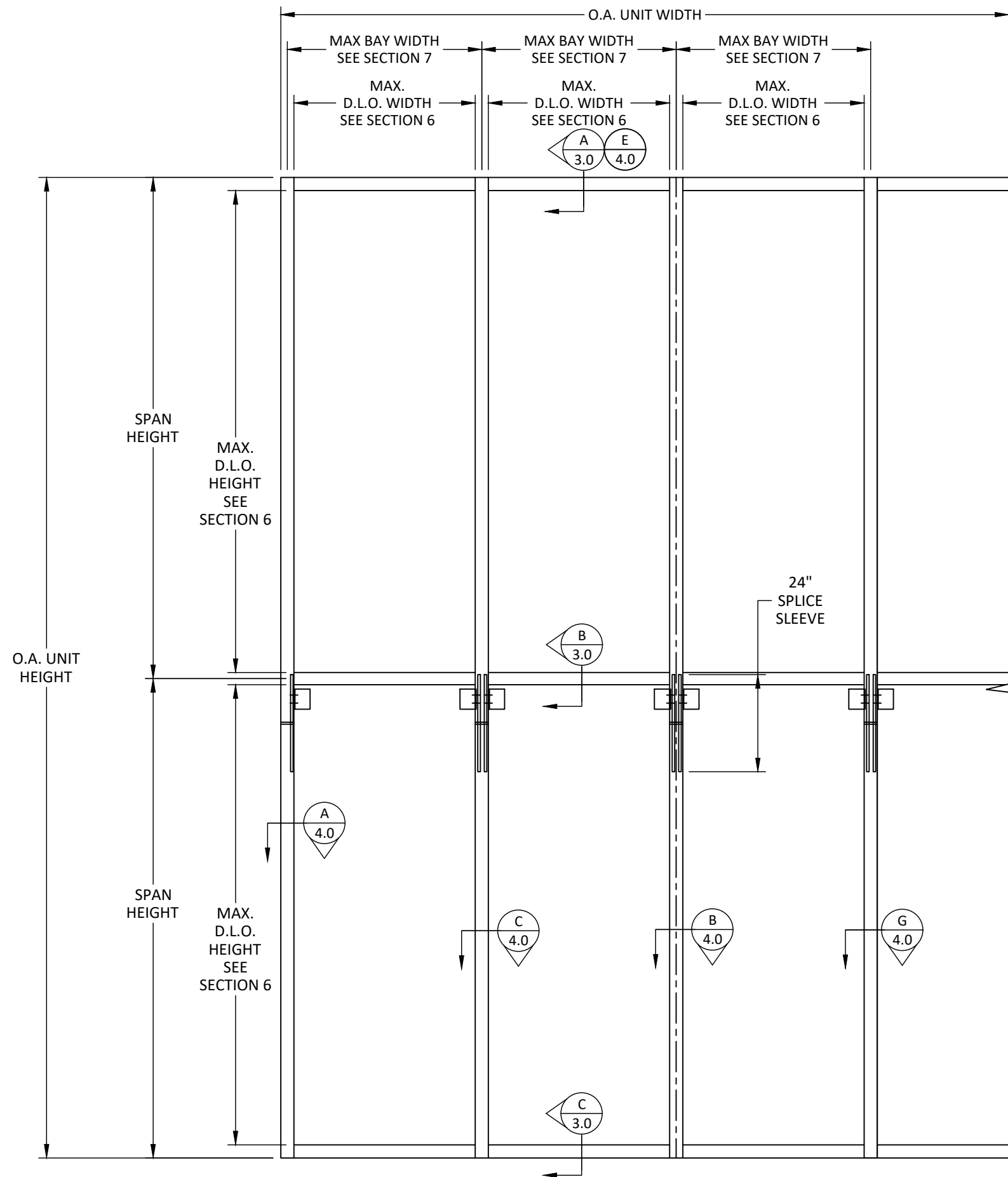
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Reason: I am approving this document
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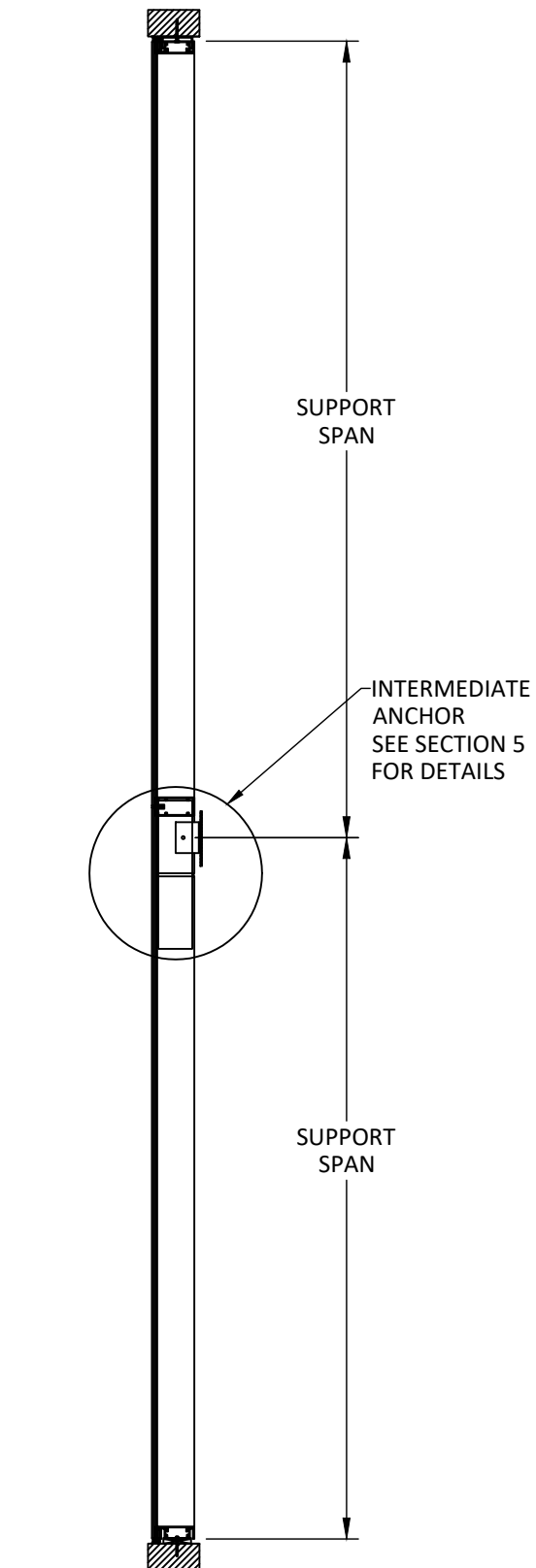


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TYPICAL TWIN SPAN ELEVATIONS



TWIN SPAN SECTION



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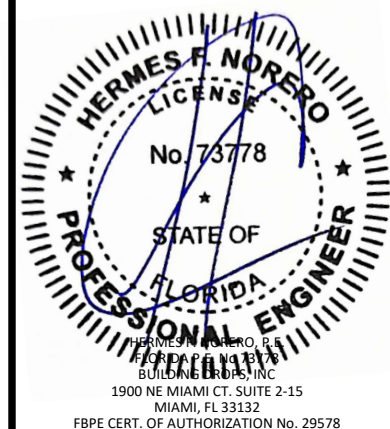
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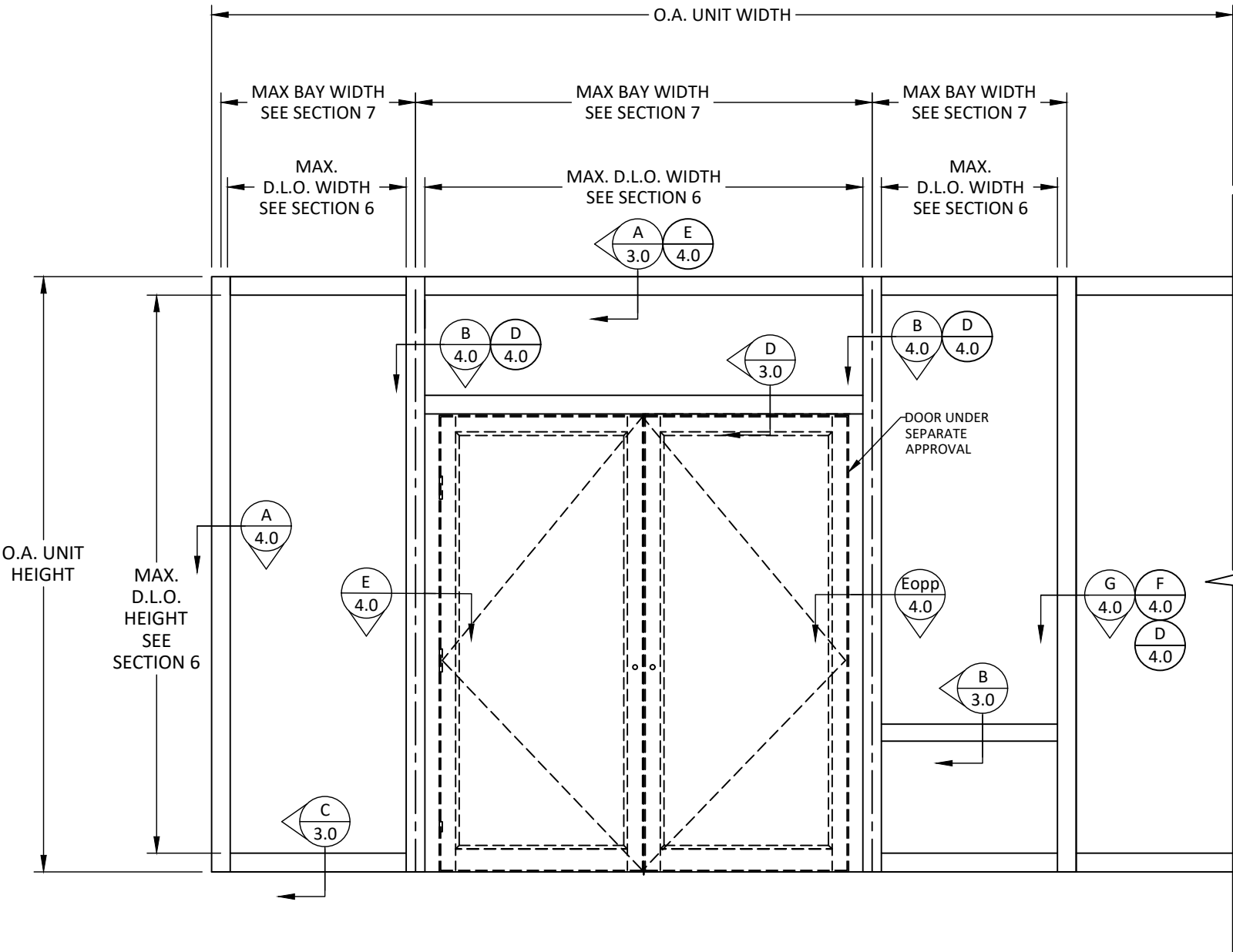
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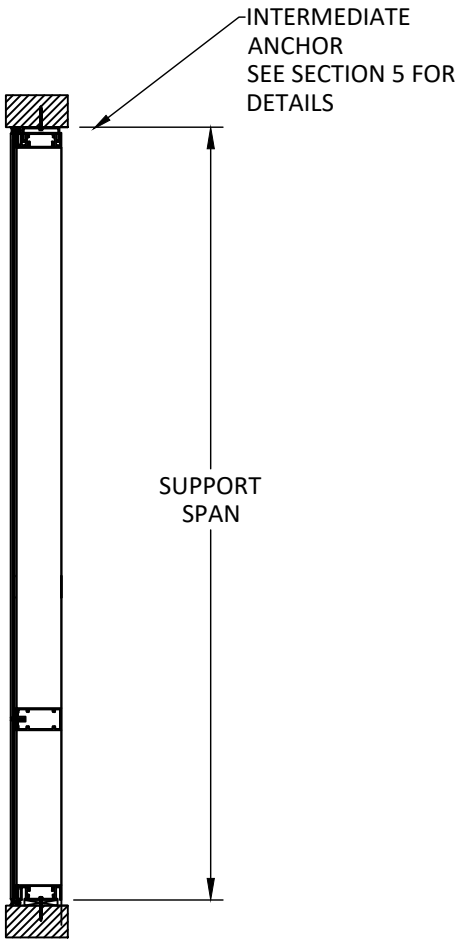


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TYPICAL SINGLE SPAN ELEVATIONS



SINGLE SPAN SECTION



**GLOBAL
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MANUFACTURER WINDOWS & DOORS

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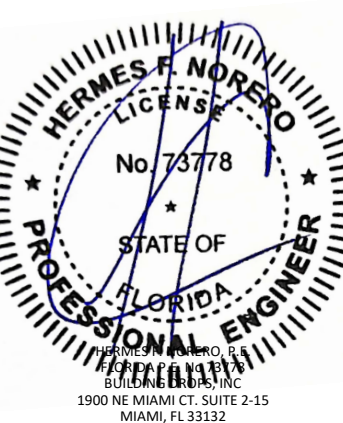
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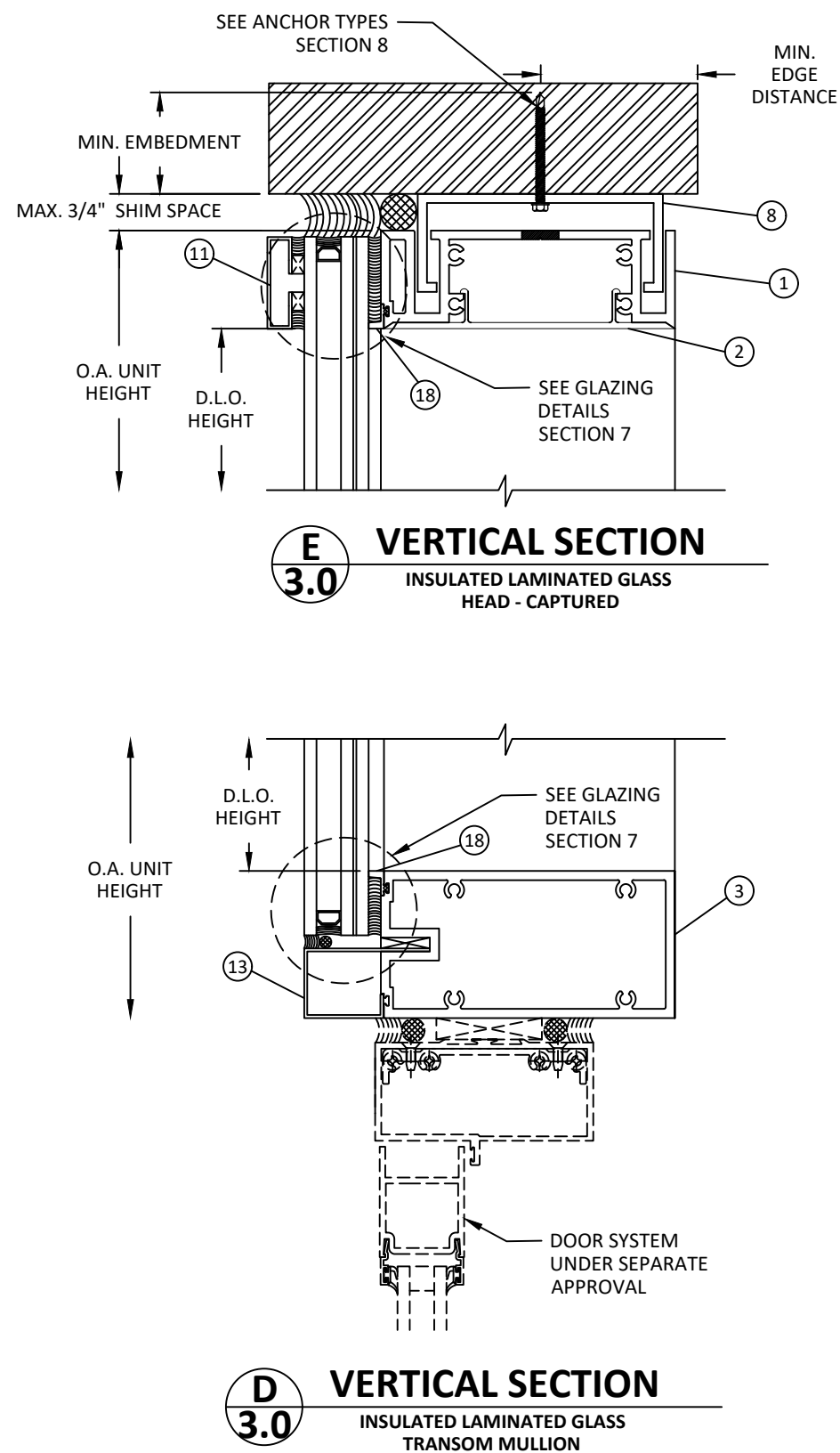
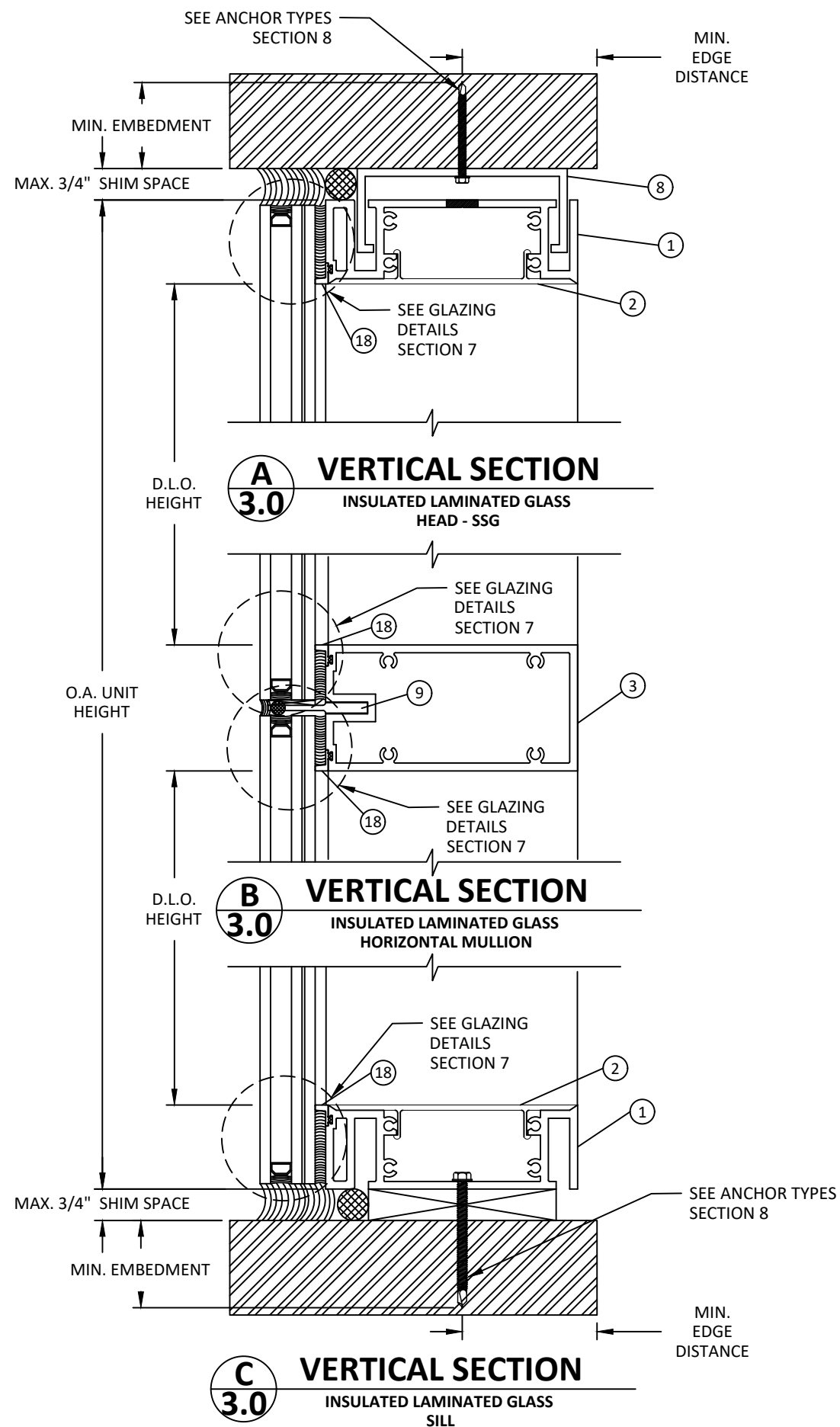
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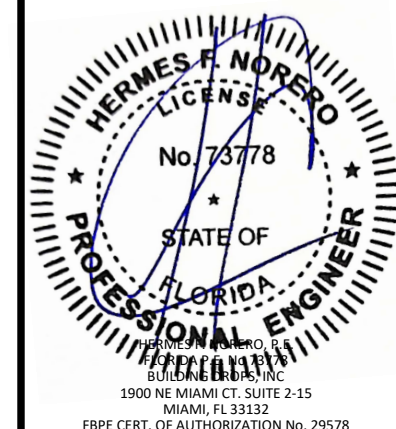
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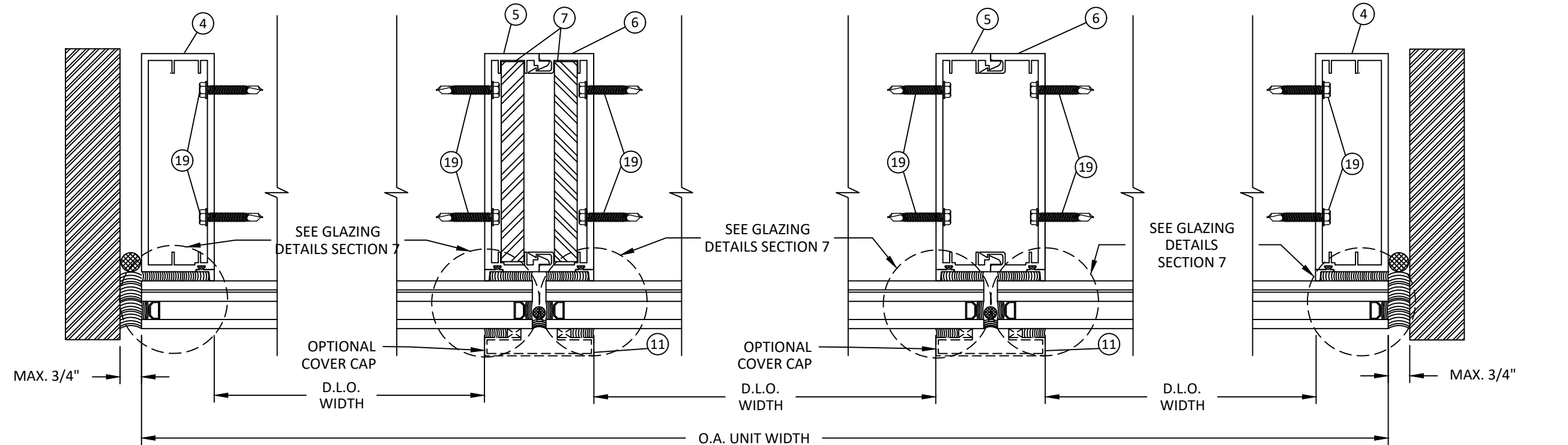
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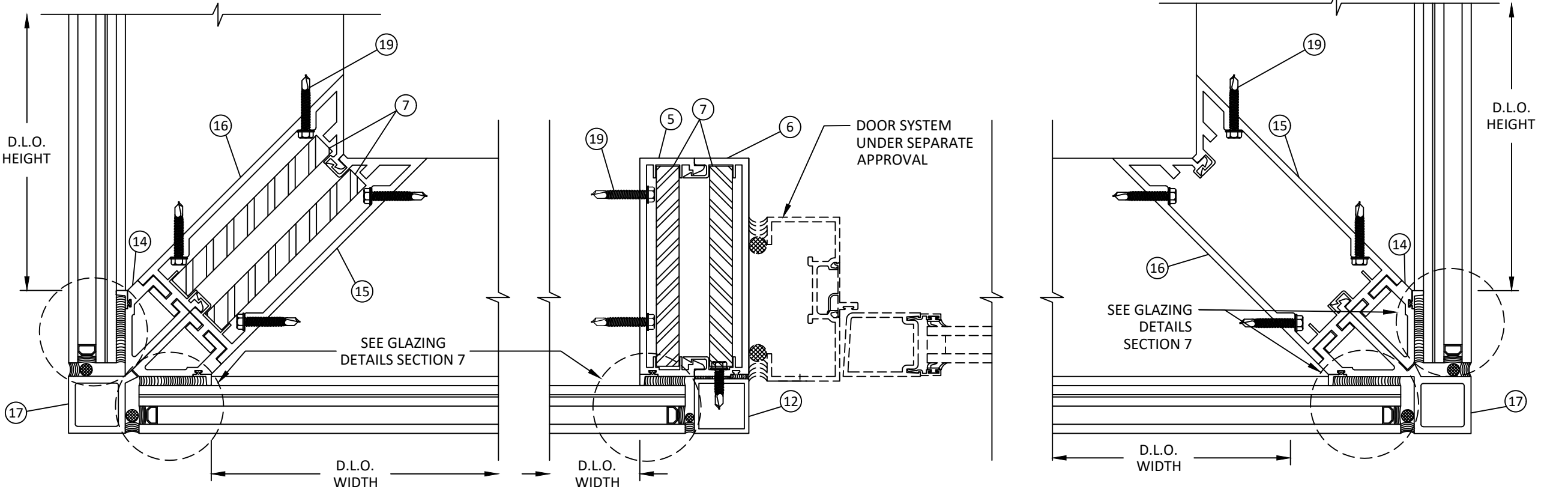


A HORIZONTAL SECTION
4.0 INSULATED GLASS JAMB

B HORIZONTAL SECTION
4.0 INSULATED GLASS REINFORCED VERTICAL MULLION

C HORIZONTAL SECTION
4.0 INSULATED GLASS VERTICAL MULLION

G HORIZONTAL SECTION
4.0 INSULATED GLASS JAMB



D HORIZONTAL SECTION
4.0 INSULATED GLASS REINFORCED CORNER MULLION

E HORIZONTAL SECTION
4.0 INSULATED GLASS REINFORCED DOOR JAMB MULLION

F HORIZONTAL SECTION
4.0 INSULATED GLASS CORNER MULLION

GLOBAL IMPACT PRODUCTS
MANUFACTURER WINDOWS & DOORS

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1963 WEST MCNAB RD.
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TITLE: 7000 SERIES ALUMINUM WINDOW WALL SYSTEMS (HVHZ)/(IMPACT) HORIZONTAL SECTIONS

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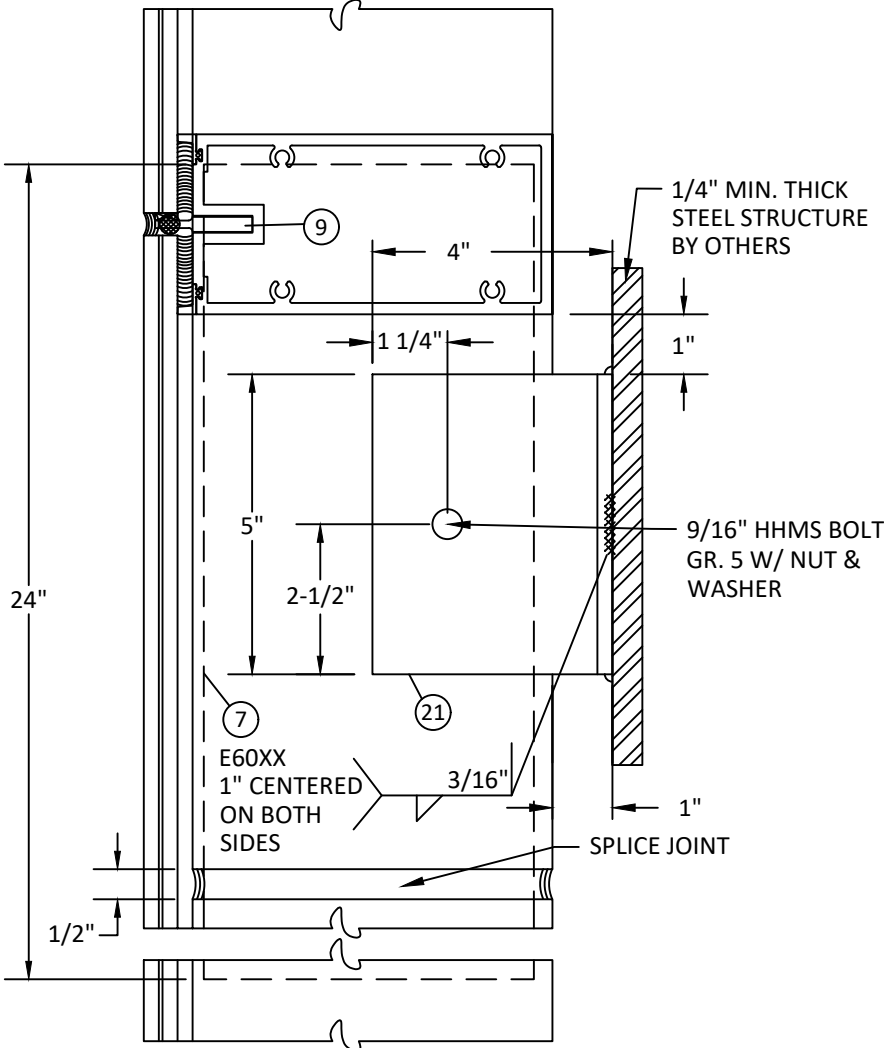
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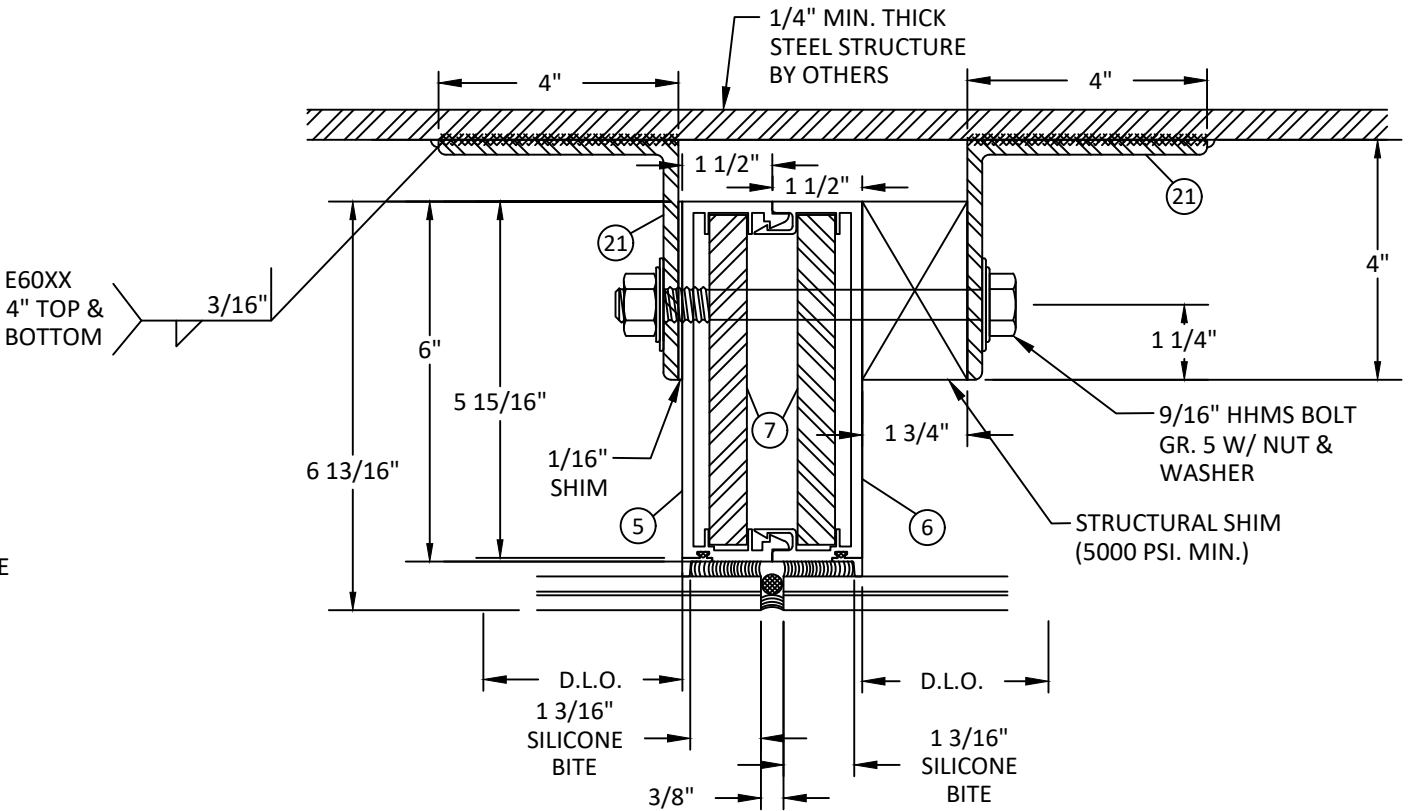
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SEALANT NOTE:
DESIGN SEALANT AT THE JAMB PER
ASTM C1472 ON A SPECIFIC SITE BASIS

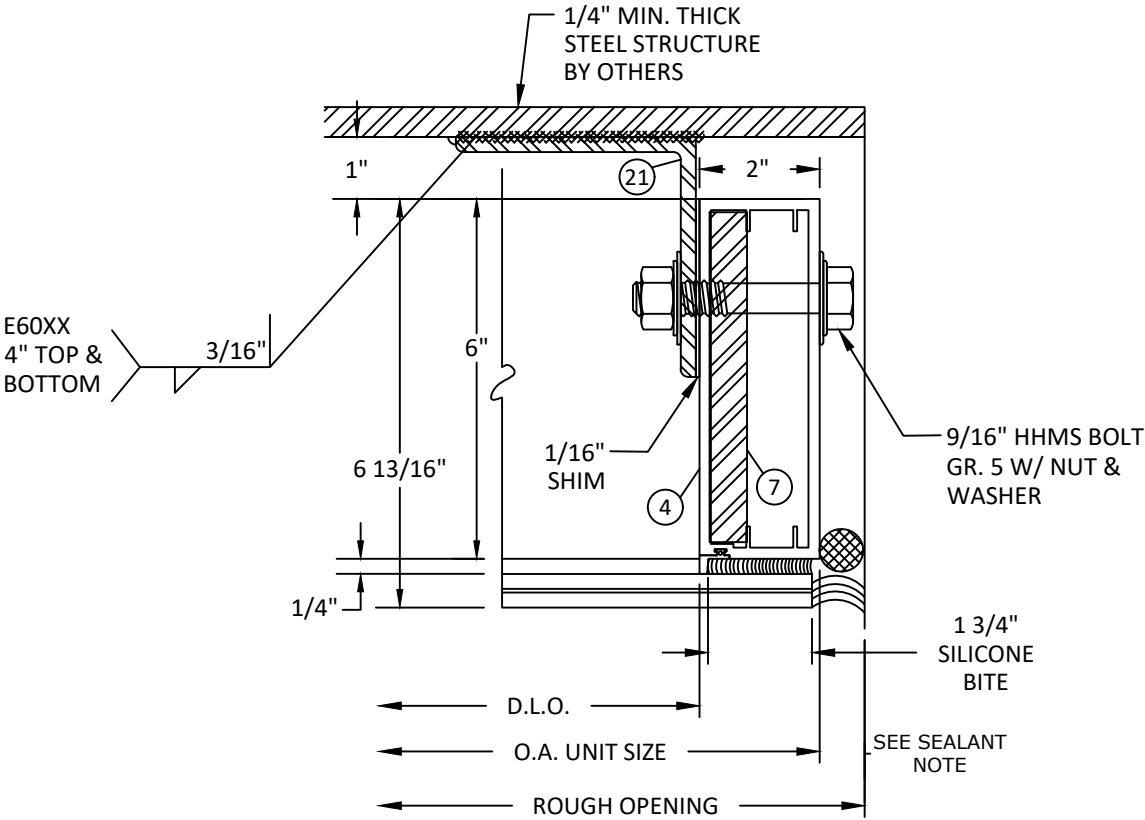


INTERMEDIATE ANCHOR

NOTE:
SEE PAGE SHEET 5.3 FOR REQUIRED SPLICE REINFORCEMENT
FOR CONDITIONS WHERE 1 SPAN IS GREATER THAN
11'-0" & PRESSURES ARE GRATER THAN 90 P.S.F.



INTERMEDIATE ANCHOR
MIDSPAN



INTERMEDIATE ANCHOR
JAMB



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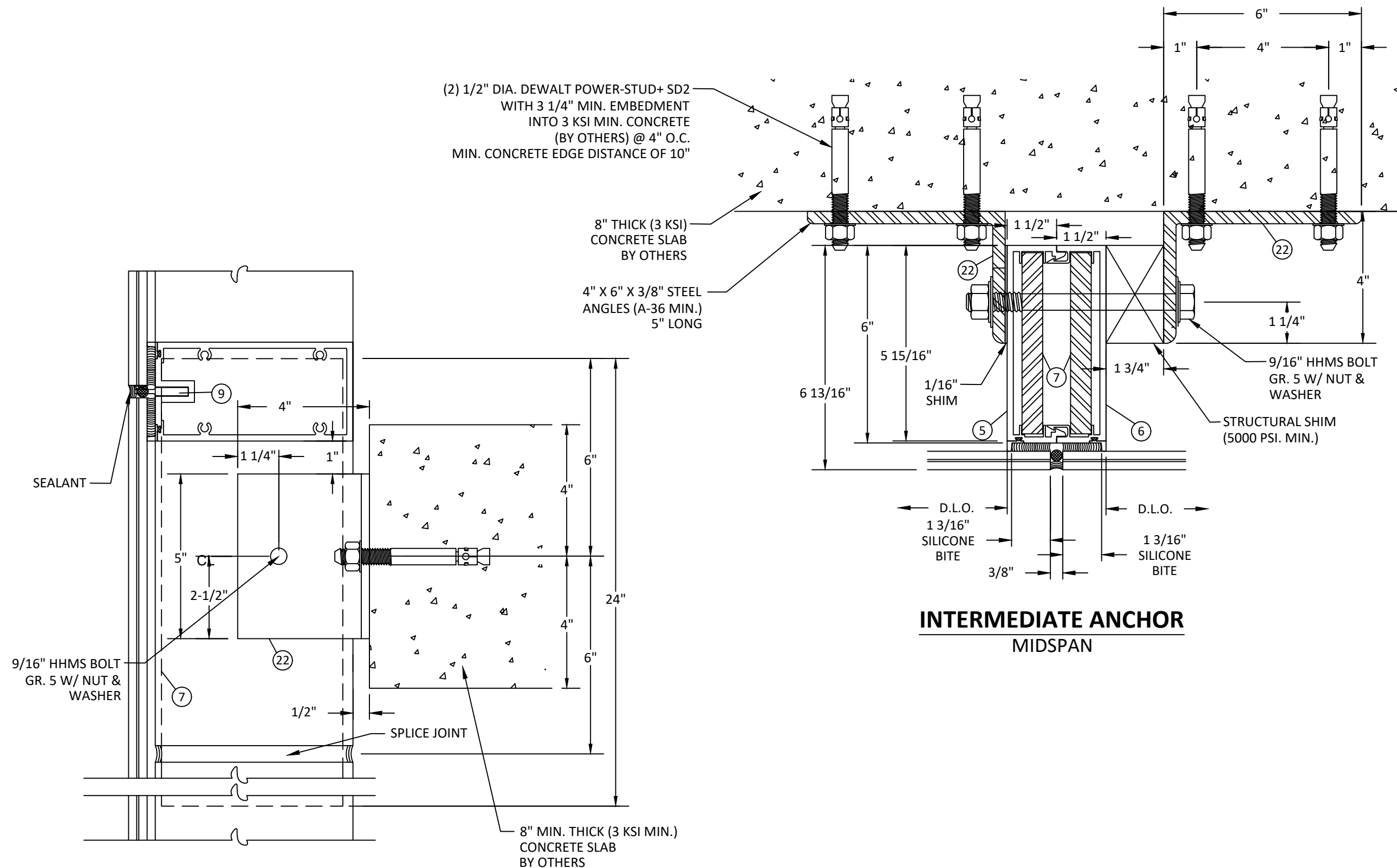
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INTERMEDIATE ANCHOR

NOTE:
SEE PAGE SHEET 5.3 FOR REQUIRED SPLICE REINFORCEMENT FOR CONDITIONS WHERE 1 SPAN IS GREATER THAN 11'-0" & PRESSURES ARE GRATER THAN 90 P.S.F.



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INTERMEDIATE ANCHOR DETAILS
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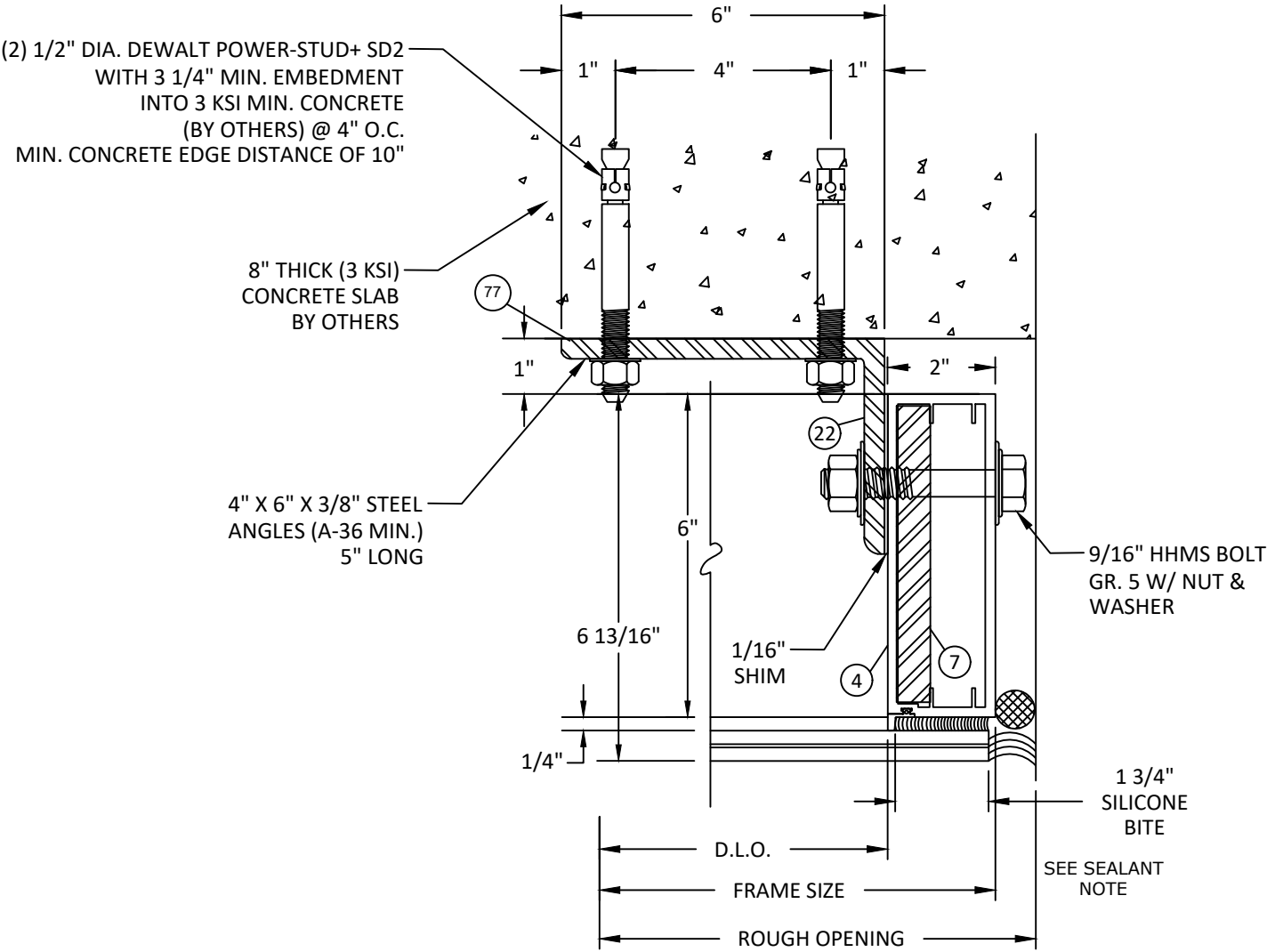
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**INTERMEDIATE ANCHOR
JAMB**

SEALANT NOTE:
DESIGN SEALANT AT THE JAMB PER ASTM C1472 ON
A SPECIFIC SITE BASIS



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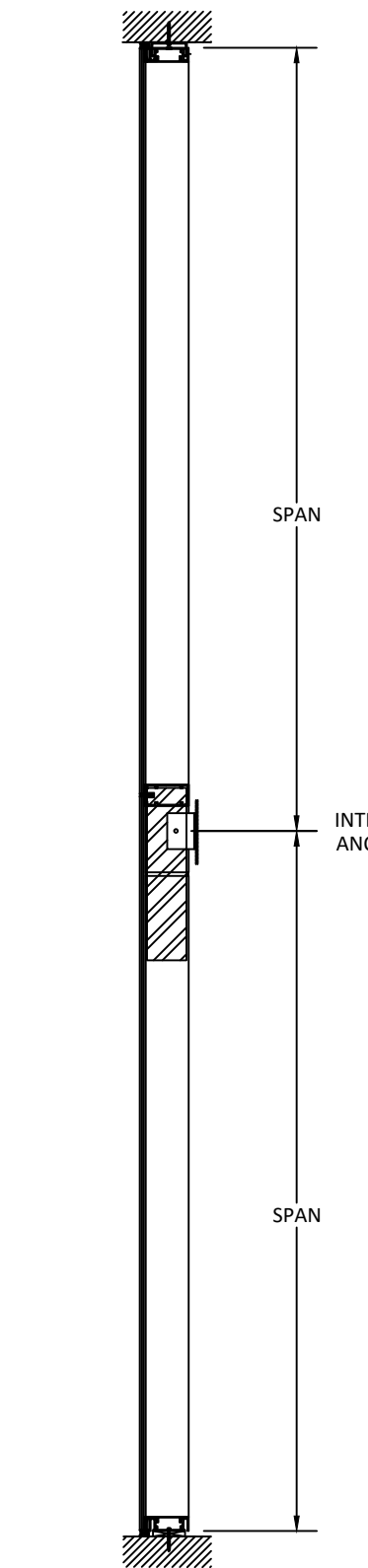
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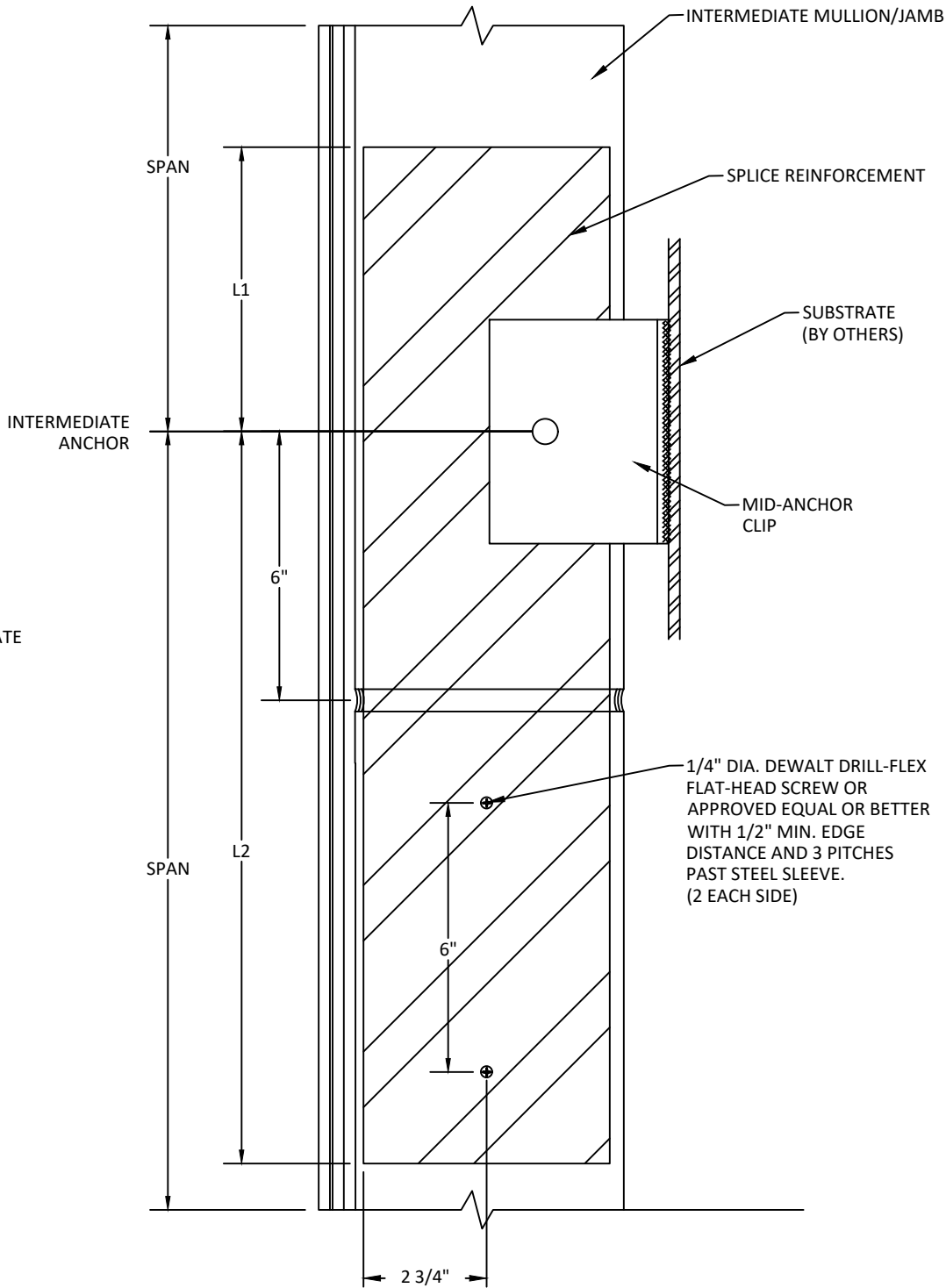
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TWIN SPAN SECTION

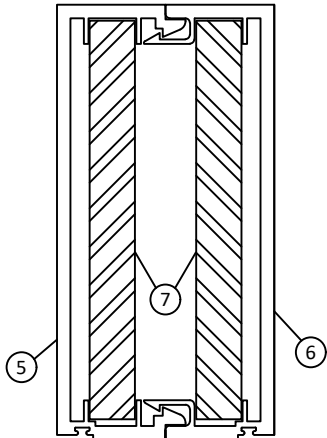


SPLICE REINFORCEMENT DIAGRAM

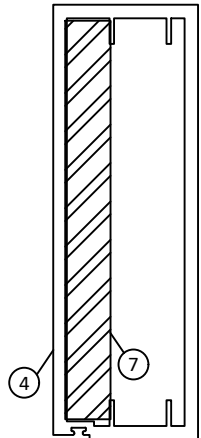
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	L1 (IN)	L2 (IN)
1.00	6	18
1.09	18	18
1.20	25	25
1.33	28	28
1.50	32	32
1.71	36	36
2.00	32	32
2.40	28	28
3.00	24	24
4.00	20	20
6.00	12	18
12.00	6	18

* SPAN RATIO = SPAN 1 / SPAN 2, WHERE SPAN 1 IS THE LARGEST SPAN

NOTES:
* CHART CAN NOT BE INTERPOLATED.
* THIS CHART IS ONLY REQUIRED FOR CONFIGURATIONS WHERE (1) SPAN IS LARGER THAN 11' - 0" AND THE PRESSURES ARE GREATER THAN 90 PSF (ASD)



INTERMEDIATE MULLION



JAMB



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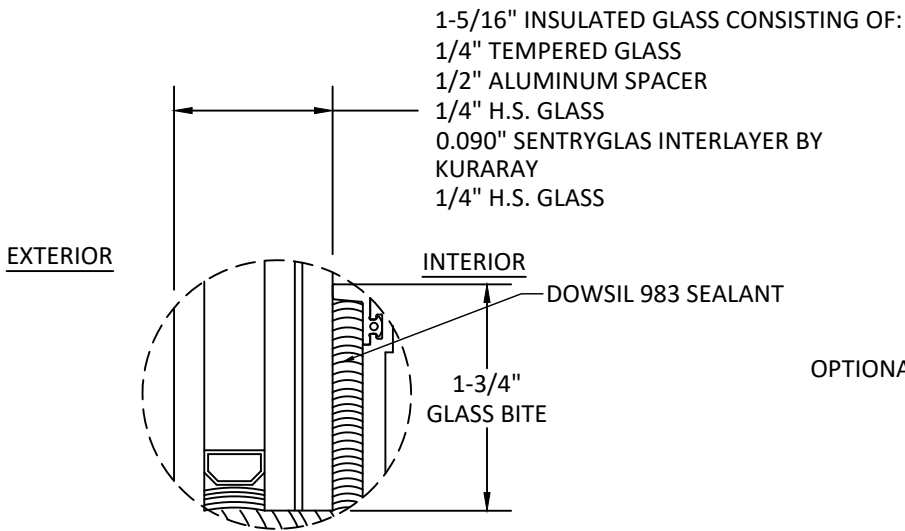
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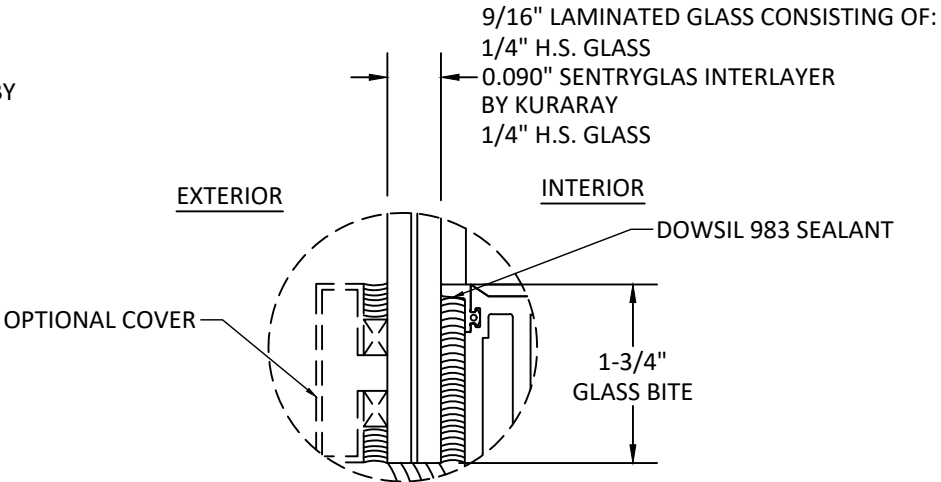
LAMINATED GLASS & INSULATED GLASS LARGE MISSILE IMPACT OPTIONS

NOTES:

1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' ($a \geq b$), 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



GLAZING DETAIL A



GLAZING DETAIL B

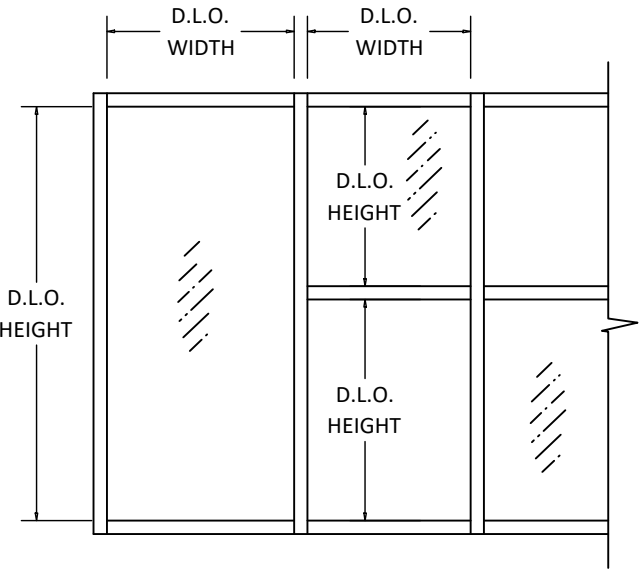
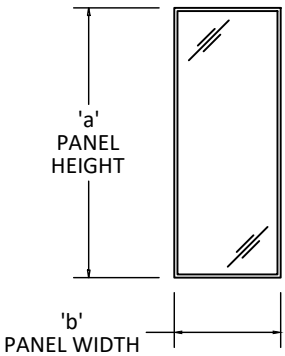
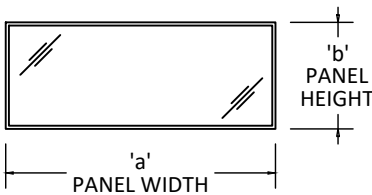
GLAZING NOTES:

1. GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES.

REFER TO SHEET 6.1 FOR LAMINATED, INSULATED GLASS & PANEL LARGE MISSILE IMPACT LOAD TABLE

PANEL DIMENSIONS

($a \geq b$)



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

TITLE: 7000 SERIES ALUMINUM WINDOW 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 #:

FL41588

DATE: 01.07.2025

DWG. BY: FB

CHK. BY: HFN

SCALE: NTS

DWG. #: GIP012

SHEET:

6.0

OF 9

GLASS LOAD CAPACITY (PSF)			
NOMINAL DIMS.		GLASS TYPE 'A & B'	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)
24.00	48.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		119.79	119.79
57.50		119.79	119.79
60.00		119.79	119.79
66.00		119.79	119.79
72.00		119.79	119.79
78.00		119.79	119.79
84.00		119.79	119.79
90.00		119.79	119.79
96.00		119.79	119.79
102.00		119.79	119.79
108.00		119.79	119.79
114.00		119.79	119.79
120.00		119.13	119.13
126.00		117.72	117.72
132.00		116.48	116.48
138.00	115.36	115.36	
140.50	114.93	114.93	
24.00	54.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		106.48	106.48
60.00		106.48	106.48
66.00		106.48	106.48
72.00		106.48	106.48
78.00		106.48	106.48
84.00		106.48	106.48
90.00		106.48	106.48
96.00		106.48	106.48
102.00		106.48	106.48
108.00		106.48	106.48
114.00		106.48	106.48
120.00		106.48	106.48
126.00		106.48	106.48
132.00		106.48	106.48
138.00	105.32	105.32	
140.50	104.86	104.86	
24.00	57.50	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		100.00	100.00
66.00		100.00	100.00
72.00		100.00	100.00
78.00		100.00	100.00
84.00		100.00	100.00
90.00		100.00	100.00
96.00		100.00	100.00
102.00		100.00	100.00
108.00		100.00	100.00
114.00		100.00	100.00
120.00		100.00	100.00
126.00		100.00	100.00
132.00		100.00	100.00
138.00	100.00	100.00	
140.50	100.00	100.00	

GLASS LOAD CAPACITY (PSF)			
NOMINAL DIMS.		GLASS TYPE 'A & B'	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)
24.00	60.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		95.83	95.83
72.00		95.83	95.83
78.00		95.83	95.83
84.00		95.83	95.83
90.00		95.83	95.83
96.00		95.83	95.83
102.00		95.83	95.83
108.00		95.83	95.83
114.00	95.83	95.83	
120.00	95.83	95.83	
126.00	95.83	95.83	
132.00	95.83	95.83	
24.00	66.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		87.12	87.12
78.00		87.12	87.12
84.00		87.12	87.12
90.00		87.12	87.12
96.00		87.12	87.12
102.00		87.12	87.12
108.00		87.12	87.12
114.00	87.12	87.12	
120.00	87.12	87.12	
24.00	72.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
78.00		79.86	79.86
84.00		79.86	79.86
90.00		79.86	79.86
96.00		79.86	79.86
102.00		79.86	79.86
108.00		79.86	79.86

GLASS LOAD CAPACITY (PSF)				
NOMINAL DIMS.		GLASS TYPE 'A & B'		
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)	
24.00	78.00	120.00	120.00	
30.00		120.00	120.00	
36.00		120.00	120.00	
42.00		120.00	120.00	
48.00		119.79	119.79	
54.00		106.48	106.48	
57.50		100.00	100.00	
60.00		95.83	95.83	
66.00		87.12	87.12	
72.00		79.86	79.86	
78.00		73.72	73.72	
84.00		73.72	73.72	
90.00		73.72	73.72	
96.00		73.72	73.72	
102.00	73.72	73.72		
24.00	84.00	120.00	120.00	
30.00		120.00	120.00	
36.00		120.00	120.00	
42.00		120.00	120.00	
48.00		119.79	119.79	
54.00		106.48	106.48	
57.50		100.00	100.00	
60.00		95.83	95.83	
66.00		87.12	87.12	
72.00		79.86	79.86	
78.00		73.72	73.72	
84.00		68.45	68.45	
90.00		68.45	68.45	
96.00		68.45	68.45	
24.00	90.00	120.00	120.00	
30.00		120.00	120.00	
36.00		120.00	120.00	
42.00		120.00	120.00	
48.00		119.79	119.79	
54.00		106.48	106.48	
57.50		100.00	100.00	
60.00		95.83	95.83	
66.00		87.12	87.12	
72.00		79.86	79.86	
78.00		73.72	73.72	
84.00		68.45	68.45	
24.00		96.00	120.00	120.00
30.00			120.00	120.00
36.00	120.00		120.00	
42.00	120.00		120.00	
48.00	119.79		119.79	
54.00	106.48		106.48	
57.50	100.00		100.00	
60.00	95.83		95.83	
66.00	87.12		87.12	
72.00	79.86		79.86	
78.00	73.72		73.72	
84.00	68.45		68.45	

GLASS LOAD CAPACITY (PSF)			
NOMINAL DIMS.		GLASS TYPE 'A & B'	
D.L.O. WIDTH (in.)	D.L.O. HEIGHT (in.)	EXT. (+)	INT. (-)
24.00	102.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
78.00	73.72	73.72	
24.00	108.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
24.00	114.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.79	119.79
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
24.00	120.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		119.13	119.13
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
24.00	126.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		117.72	117.72
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
24.00	132.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		116.48	116.48
54.00		106.48	106.48
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
24.00	138.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		115.36	115.36
54.00		105.32	105.32
57.50		100.00	100.00
60.00		95.83	95.83
66.00		87.12	87.12
72.00		79.86	79.86
24.00	140.50	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		114.93	114.93
54.00		104.86	104.86
57.50		100.00	100.00



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

7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)(IMPACT)
GLASS CAPACITY TABLES

... BUILDING DROPS, INC.

900 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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FL #:

FL41588

DATE: 01.07.2025

DWG. BY:
FB

CHK. BY:
HFN

SCALE: NTS

DWG. #: **GIP012**

SHEET:

6.1

OF 9

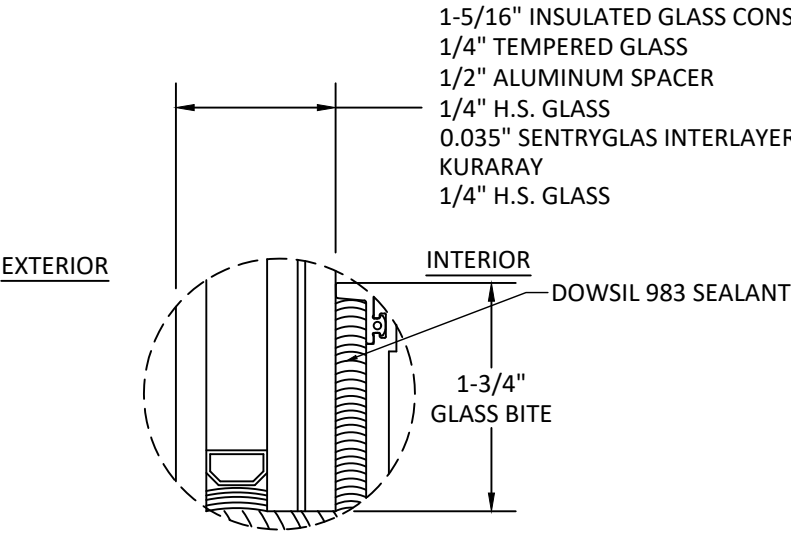
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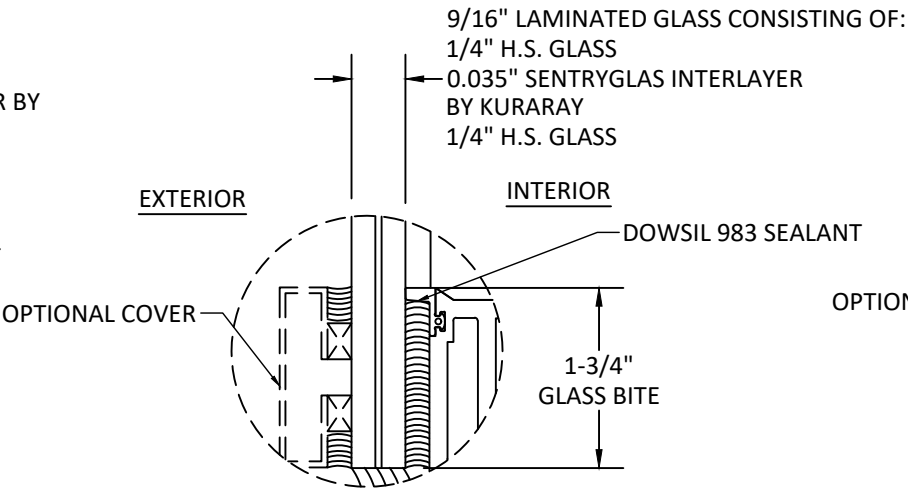
LAMINATED GLASS & INSULATED GLASS SMALL MISSILE IMPACT OPTIONS

NOTES:

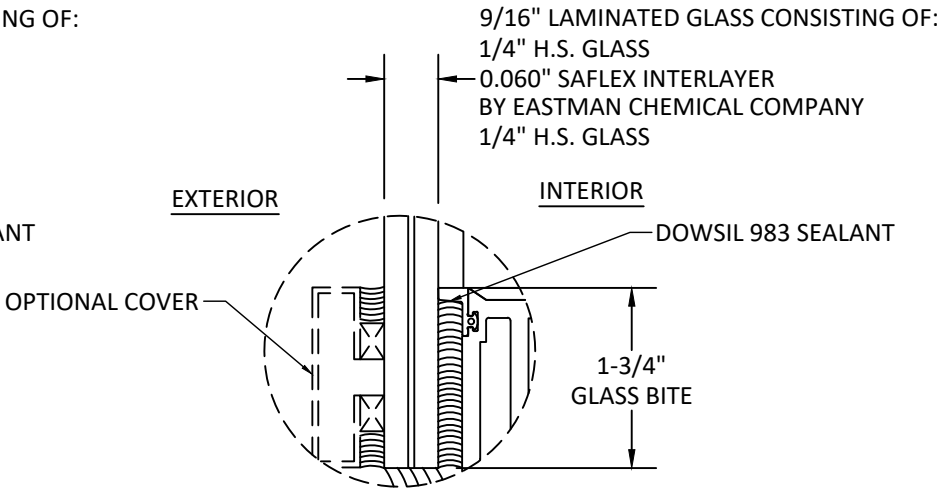
1. CHART VALUES PROVIDE MAXIMUM DESIGN PRESSURES ACCORDING TO ASTM E1300 FOR GIVEN GLASS DIMENSIONS 'a' AND 'b' ($a \geq b$), AND CH. 17 OF THE FBC FOR SIZES OTHER THAN TESTED
2. DO NOT EXCEED MULLION CAPACITY SELECTED OR ANCHOR CAPACITY IN DESIGN PRESSURE CHARTS



GLAZING DETAIL C



GLAZING DETAIL D



GLAZING DETAIL E

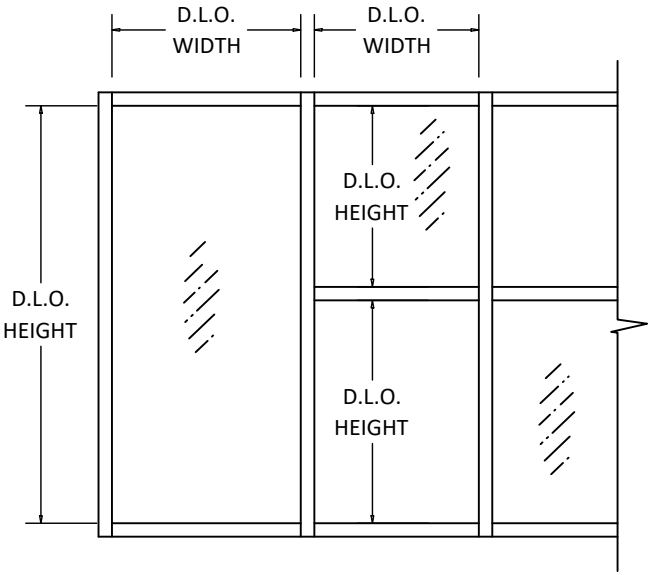
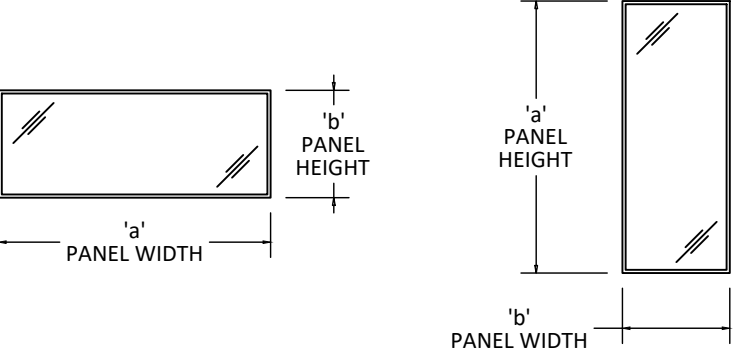
GLAZING NOTES:

1. GLASS TYPE AND THICKNESS COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES.

REFER TO SHEET 6.3 FOR LAMINATED, INSULATED GLASS & PANEL SMALL MISSILE IMPACT LOAD TABLE

PANEL DIMENSIONS

($'a' \geq 'b'$)



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

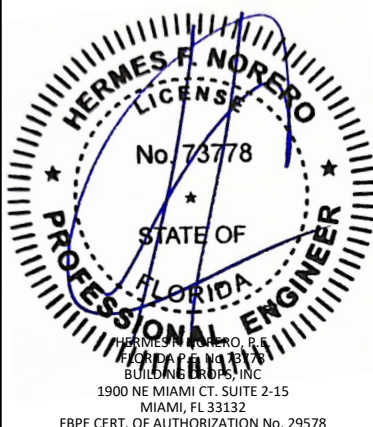
TITLE: 7000 SERIES ALUMINUM WINDOW WALL SYSTEMS (HVHZ)/(IMPACT)
GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
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REMARKS	BY	DATE

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FL #:	FL41588
DATE:	01.07.2025
DWG. BY:	FB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GIP012
SHEET:	6.2

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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. (-)
24.00	48.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00
48.00		112.50	112.50	119.79	119.79
54.00		112.50	112.50	107.81	107.81
57.50		112.50	112.50	102.81	102.81
60.00		112.50	112.50	99.83	99.83
66.00		112.50	112.50	94.12	94.12
72.00		112.50	112.50	89.84	89.84
78.00		112.50	112.50	86.52	86.52
84.00		112.50	112.50	83.85	83.85
90.00		112.50	112.50	81.68	81.68
96.00		112.50	112.50	79.86	79.86
102.00		112.50	112.50	78.33	78.33
108.00		112.50	112.50	77.01	77.01
114.00		-	-	75.87	75.87
120.00		-	-	74.87	74.87
126.00		-	-	73.99	73.99
132.00		-	-	73.21	73.21
138.00		-	-	72.51	72.51
140.50		-	-	72.23	72.23
24.00	54.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00
36.00		120.00	120.00	119.79	119.79
42.00		120.00	120.00	112.01	112.01
48.00		112.50	112.50	107.81	107.81
54.00		100.00	100.00	106.48	106.48
57.50		100.00	100.00	100.37	100.37
60.00		100.00	100.00	96.80	96.80
66.00		100.00	100.00	90.10	90.10
72.00		100.00	100.00	85.19	85.19
78.00		100.00	100.00	81.43	81.43
84.00		100.00	100.00	78.46	78.46
90.00		100.00	100.00	76.06	76.06
96.00		100.00	100.00	74.07	74.07
102.00		-	-	72.41	72.41
108.00		-	-	70.99	70.99
114.00		-	-	69.76	69.76
120.00		-	-	68.70	68.70
126.00		-	-	67.76	67.76
132.00		-	-	66.93	66.93
138.00		-	-	66.19	66.19
140.50		-	-	65.91	65.91
24.00	57.50	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00
36.00		120.00	120.00	116.25	116.25
42.00		120.00	120.00	107.84	107.84
48.00		112.50	112.50	102.81	102.81
54.00		100.00	100.00	100.37	100.37
57.50		93.91	93.91	100.00	100.00
60.00		93.91	93.91	96.00	96.00
66.00		93.91	93.91	88.59	88.59
72.00		93.91	93.91	83.24	83.24
78.00		93.91	93.91	79.19	79.19
84.00		93.91	93.91	76.02	76.02
90.00		93.91	93.91	73.47	73.47
96.00		-	-	71.38	71.38
102.00		-	-	69.62	69.62
108.00		-	-	68.14	68.14
114.00		-	-	66.86	66.86
120.00		-	-	65.75	65.75
126.00		-	-	64.78	64.78
132.00		-	-	63.92	63.92
138.00		-	-	63.16	63.16
140.50		-	-	62.86	62.86

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. (-)
24.00	60.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00
36.00		120.00	120.00	114.09	114.09
42.00		120.00	120.00	105.31	105.31
48.00		112.50	112.50	99.83	99.83
54.00		100.00	100.00	96.80	96.80
57.50		93.91	93.91	96.00	96.00
60.00		90.00	90.00	95.83	95.83
66.00		90.00	90.00	87.85	87.85
72.00		90.00	90.00	82.14	82.14
78.00		90.00	90.00	77.86	77.86
84.00		90.00	90.00	74.54	74.54
90.00		-	-	71.88	71.88
96.00		-	-	69.70	69.70
102.00		-	-	67.88	67.88
108.00		-	-	66.35	66.35
114.00		-	-	65.03	65.03
120.00		-	-	63.89	63.89
126.00		-	-	62.89	62.89
132.00		-	-	62.01	62.01
24.00	66.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00
36.00		120.00	120.00	109.81	109.81
42.00		120.00	120.00	100.40	100.40
48.00		112.50	112.50	94.12	94.12
54.00		100.00	100.00	90.10	90.10
57.50		93.91	93.91	88.59	88.59
60.00		90.00	90.00	87.85	87.85
66.00		81.82	81.82	87.12	87.12
72.00		81.82	81.82	80.42	80.42
78.00		81.82	81.82	75.51	75.51
84.00		-	-	71.75	71.75
90.00		-	-	68.78	68.78
96.00		-	-	66.38	66.38
102.00		-	-	64.39	64.39
108.00		-	-	62.73	62.73
114.00		-	-	61.31	61.31
120.00		-	-	60.08	60.08
24.00	72.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00
36.00		120.00	120.00	106.48	106.48
42.00		120.00	120.00	96.64	96.64
48.00		112.50	112.50	89.84	89.84
54.00		100.00	100.00	85.19	85.19
57.50		93.91	93.91	83.24	83.24
60.00		90.00	90.00	82.14	82.14
66.00		81.82	81.82	80.42	80.42
72.00		75.00	75.00	79.86	79.86
78.00		-	-	74.16	74.16
84.00		-	-	69.88	69.88
90.00		-	-	66.55	66.55
96.00		-	-	63.89	63.89
102.00		-	-	61.71	61.71
108.00		-	-	59.90	59.90

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. (-)
24.00	78.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	118.65	118.65
36.00		120.00	120.00	103.82	103.82
42.00		120.00	120.00	93.67	93.67
48.00		112.50	112.50	86.52	86.52
54.00		100.00	100.00	81.43	81.43
57.50		93.91	93.91	79.19	79.19
60.00		90.00	90.00	77.86	77.86
66.00		81.82	81.82	75.51	75.51
72.00		-	-	74.16	74.16
78.00		-	-	73.72	73.72
84.00		-	-	68.80	68.80
90.00		-	-	65.05	65.05
96.00		-	-	62.08	62.08
102.00		-	-	59.68	59.68
24.00	84.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	116.67	116.67
36.00		120.00	120.00	101.64	101.64
42.00		120.00	120.00	91.27	91.27
48.00		112.50	112.50	83.85	83.85
54.00		100.00	100.00	78.46	78.46
57.50		93.91	93.91	76.02	76.02
60.00		90.00	90.00	74.54	74.54
66.00		-	-	71.75	71.75
72.00		-	-	69.88	69.88
78.00		-	-	68.80	68.80
84.00		-	-	68.45	68.45
90.00		-	-	64.17	64.17
96.00		-	-	60.85	60.85
24.00	90.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	115.00	115.00
36.00		120.00	120.00	99.83	99.83
42.00		120.00	120.00	89.29	89.29
48.00		112.50	112.50	81.68	81.68
54.00		100.00	100.00	76.06	76.06
57.50		93.91	93.91	73.47	73.47
60.00		-	-	71.88	71.88
66.00		-	-	68.78	68.78
72.00		-	-	66.55	66.55
78.00		-	-	65.05	65.05
84.00		-	-	64.17	64.17
24.00	96.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	113.58	113.58
36.00		120.00	120.00	98.29	98.29
42.00		120.00	120.00	87.62	87.62
48.00		112.50	112.50	79.86	79.86
54.00		100.00	100.00	74.07	74.07
57.50		-	-	71.38	71.38
60.00		-	-	69.70	69.70
66.00		-	-	66.38	66.38
72.00		-	-	63.89	63.89
78.00		-	-	62.08	62.08
84.00		-	-	60.85	60.85

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. (-)	
24.00	102.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	112.36	112.36	
36.00		120.00	120.00	96.97	96.97	
42.00		120.00	120.00	86.20	86.20	
48.00		112.50	112.50	78.33	78.33	
54.00		-	-	72.41	72.41	
57.50		-	-	69.62	69.62	
60.00		-	-	67.88	67.88	
66.00		-	-	64.39	64.39	
72.00		-	-	61.71	61.71	
78.00		-	-	59.68	59.68	
24.00	108.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	111.29	111.29	
36.00		120.00	120.00	95.83	95.83	
42.00		120.00	120.00	84.98	84.98	
48.00		112.50	112.50	77.01	77.01	
54.00		-	-	70.99	70.99	
57.50		-	-	68.14	68.14	
60.00		-	-	66.35	66.35	
66.00		-	-	62.73	62.73	
72.00		-	-	59.90	59.90	
24.00		114.00	120.00	120.00	120.00	120.00
30.00	120.00		120.00	110.35	110.35	
36.00	120.00		120.00	94.84	94.84	
42.00	120.00		120.00	83.91	83.91	
48.00	-		-	75.87	75.87	
54.00	-		-	69.76	69.76	
57.50	-		-	66.86	66.86	
60.00	-		-	65.03	65.03	
66.00	-		-	61.31	61.31	
24.00	120.00		120.00	120.00	120.00	120.00
30.00			120.00	120.00	109.52	109.52
36.00		120.00	120.00	93.95	93.95	
42.00		120.00	120.00	82.97	82.97	
48.00		-	-	74.87	74.87	
54.00		-	-	68.70	68.70	
57.50		-	-	65.75	65.75	
60.00		-	-	63.89	63.89	
66.00		-	-	60.08	60.08	
24.00		126.00	120.00	120.00	120.00	120.00
30.00			120.00	120.00	108.78	108.78
36.00	120.00		120.00	93.17	93.17	
42.00	-		-	82.14	82.14	
48.00	-		-	73.99	73.99	
54.00	-		-	67.76	67.76	
57.50	-		-	64.78	64.78	
60.00	-		-	62.89	62.89	
24.00	132.00		120.00	120.00	120.00	120.00
30.00			120.00	120.00	108.12	108.12
36.00			120.00	120.00	92.47	92.47
42.00		-	-	81.40	81.40	
48.00		-	-	73.21	73.21	
54.00		-	-	66.93	66.93	
57.50		-	-	63.92	63.92	
60.00		-	-	62.01	62.01	
24.00		138.00	120.00	120.00	120.00	120.00
30.00			120.00	120.00	107.52	107.52
36.00			120.00	120.00	91.84	91.84
42.00	-		-	80.74	80.74	
48.00	-		-	72.51	72.51	
54.00	-		-	66.19	66.19	
57.50	-		-	63.16	63.16	
24.00	140.50		120.00	120.00	120.00	120.00
30.00			120.00	120.00	107.29	107.29
36.00			120.00	120.00	91.60	91.60
42.00			-	-	80.48	80.48
48.00		-	-	72.23	72.23	
54.00		-	-	65.91	65.91	
57.50		-	-	62.86	62.86	

CASE 1: MULTIPLE SPAN WITH (2) 24" ALUMINUM SLEEVE BARS CENTERED ON SPLICE

CASE 2: SINGLE SPAN WITH NO REINFORCEMENTS

CASE 3: SINGLE SPAN WITH (2) FULL LENGTH STEEL REINFORCEMENTS

CASE 1: MULTIPLE SPAN WITH (2) 24" ALUMINUM SLEEVE BARS CENTERED ON SPLICE

CASE 2: SINGLE SPAN WITH NO REINFORCEMENTS

CASE 3: SINGLE SPAN WITH (2) FULL LENGTH STEEL REINFORCEMENTS

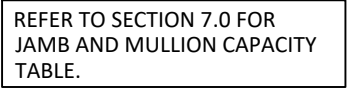
CASE 1: MULTIPLE SPAN WITH (2) 24" ALUMINUM SLEEVE BARS CENTERED ON SPLICE

CASE 2: SINGLE SPAN WITH NO REINFORCEMENTS

CASE 3: SINGLE SPAN WITH (2) FULL LENGTH STEEL REINFORCEMENTS

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.



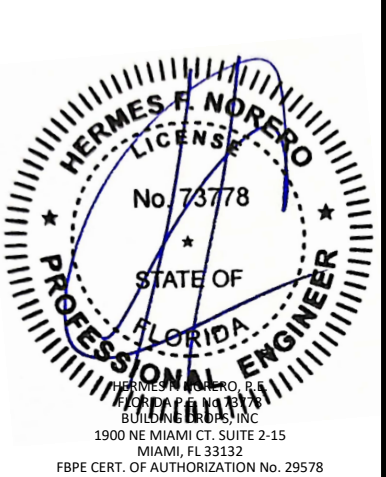
GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
POMPANO BEACH, FL 33069
PH: (561) 346-3649

PREPARED BY:

 **BUILDING DROPS**

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

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.



DATE: 01.07.2025

SCALE: NTS

DWG. #: **GIP012**

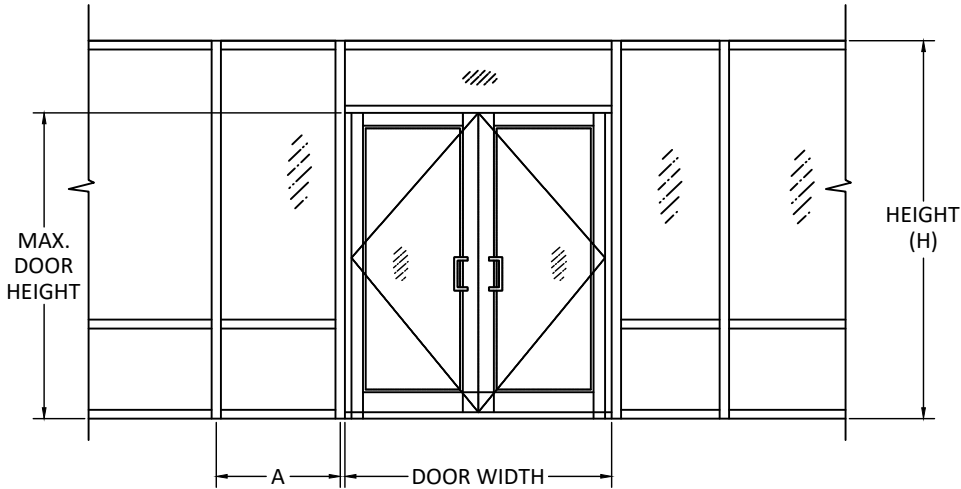
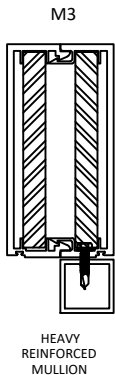
SHEET:

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DOOR MULLION CAPACITY TABLES

DOOR MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		CASE 3
WIDTH (W)	SPAN HEIGHT (H)	MULLION - 'M3'
		EXT. (+) INT. (-)
36.00	84.00	120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		120.00
73.75		120.00
78.00		120.00
84.00	90.00	120.00
36.00		120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		120.00
73.75		120.00
78.00		120.00
84.00	96.00	117.06
36.00		120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		120.00
73.75		120.00
78.00		118.19
84.00	102.00	109.75
36.00		120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		120.00
73.75		117.65
78.00		111.24
84.00	108.00	103.29
36.00		120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		120.00
73.75		111.11
78.00		105.06

DOOR MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		CASE 3
WIDTH (W)	SPAN HEIGHT (H)	MULLION - 'M3'
		EXT. (+) INT. (-)
36.00	114.00	120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		117.62
73.75		105.26
36.00	120.00	120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		120.00
66.00		111.74
73.75		100.00
36.00	126.00	120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		111.49
66.00		101.35
36.00	132.00	120.00
42.00		120.00
49.75		120.00
54.00		120.00
60.00		112.87
66.00		101.58
36.00	138.00	120.00
42.00		120.00
49.75		112.09
54.00		103.27
60.00	144.00	92.94
36.00		120.00
42.00		120.00
49.75		102.95
54.00		94.84
60.00		85.36



CASE 3: SINGLE SPAN WITH FULL LENGTH STEEL REINFORCEMENTS

MAX. DOOR OPENING WIDTH (IN.)	MAX. DOOR OPENING HEIGHT (IN.)	A (IN.)	DP (+/- PSF)
48.00	120.25	48.00	120
42.00	120.25	54.00	120
36.00	120.25	60.00	120
96.00	96.25	48.00	120
84.00	96.25	60.00	120
72.00	96.25	72.00	120

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

TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)
MULLION DETAILS &
CAPACITY TABLES

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 #:	FL41588
DATE:	01.07.2025
DWG. BY:	FB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GIP012
SHEET:	7.1
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MULLION LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		MULLION - 'H1' CASE 2
WIDTH (W)	SPAN (S)	EXT. (+) INT. (-)
24.00	24.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		120.00
72.00		120.00
78.00		120.00
84.00		120.00
90.00		120.00
96.00		120.00
24.00	30.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		120.00
72.00		120.00
78.00		120.00
84.00		120.00
90.00		120.00
96.00		120.00
24.00	36.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		120.00
72.00		120.00
78.00		120.00
84.00		114.29
90.00		106.67
96.00		100.00
24.00	42.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		120.00
72.00		114.29
78.00		105.49
24.00	48.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		109.09
72.00		100.00

JAMB LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		MULLION - 'J1' CASE 1 & 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)
24.00	48.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		120.00
72.00		120.00
78.00		115.38
84.00	54.00	107.14
90.00		100.00
24.00		120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00		120.00
66.00		120.00
72.00	60.00	111.11
78.00		102.56
84.00		120.00
90.00		120.00
24.00		120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		120.00
60.00	66.00	109.09
66.00		120.00
72.00		100.00
78.00		120.00
84.00		120.00
90.00		120.00
96.00		120.00
102.00		109.09

CASE 1: MULTIPLE SPAN WITH (2) 24" ALUMINUM SLEEVE BARS CENTERED ON SPLICE

CASE 2: SINGLE SPAN WITH NO REINFORCEMENTS

CASE 3: SINGLE SPAN WITH (2) FULL LENGTH STEEL REINFORCEMENTS

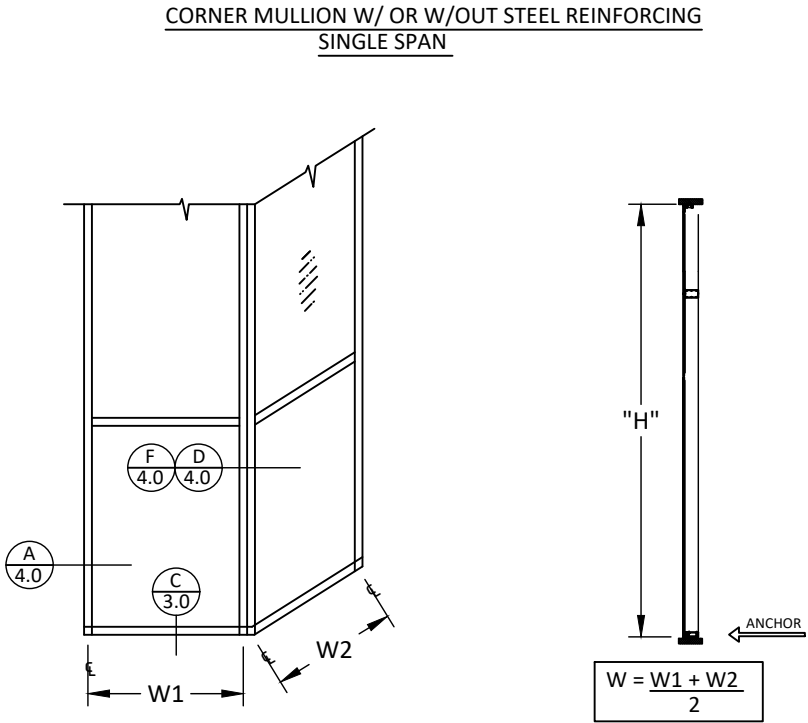
JAMB LOAD CAPACITY (+/- PSF)		
NOMINAL DIMS.		MULLION - 'J1'
		CASE 1 & 2
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)
24.00	72.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		120.00
54.00		111.11
60.00		100.00
24.00	78.00	120.00
30.00		120.00
36.00		120.00
42.00		120.00
48.00		115.38
54.00		102.56
24.00		84.00
30.00	120.00	
36.00	120.00	
42.00	120.00	
48.00	107.14	
54.00	120.00	
60.00	120.00	
24.00	90.00	120.00
30.00		120.00
36.00		120.00
42.00		114.29
48.00		100.00
54.00		120.00
60.00		120.00
24.00	96.00	120.00
30.00		120.00
36.00		120.00
42.00		107.14
48.00		120.00
54.00		120.00
60.00		120.00
24.00	102.00	120.00
30.00		120.00
36.00		117.65
42.00		100.84
48.00		120.00
54.00		111.11
60.00		120.00
24.00	108.00	120.00
30.00		120.00
36.00		111.11
42.00		120.00
48.00		120.00
54.00		105.26
60.00		120.00
24.00	120.00	120.00
30.00		120.00
36.00		100.00
42.00		120.00
48.00		120.00
54.00		114.29
60.00		120.00
24.00	132.00	120.00
30.00		109.09
36.00		120.00
42.00		104.35
48.00		120.00
54.00		120.00
60.00		120.00
24.00	144.00	120.00
30.00		100.00
36.00		120.00
42.00		100.00
48.00		120.00
54.00		100.00
60.00		120.00
24.00	156.00	120.00
30.00		100.00
36.00		120.00
42.00		100.00
48.00		120.00
54.00		100.00
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48.00		120.00
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60.00		120.00
24.00	204.00	120.00
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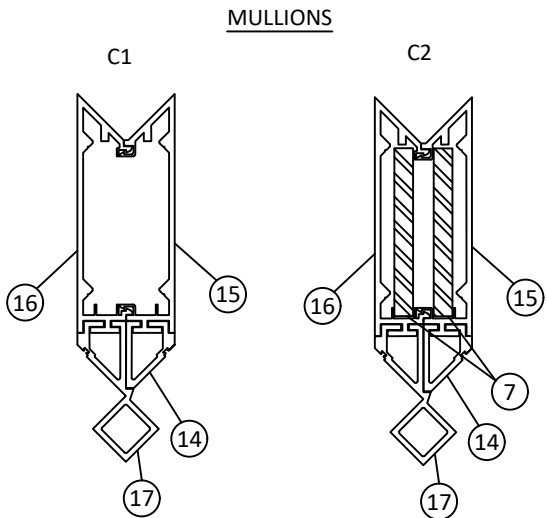
CORNER MULLION LOAD CAPACITY (+/- PSF)			
NOMINAL DIMS.		MULLION - 'C1' & 'C2'	MULLION - 'C2'
		CASE 2 & 3	CASE 4
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
18.00	90.00	120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		118.52	120.00
60.00	96.00	106.67	120.00
66.00		-	116.36
18.00		120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00	102.00	120.00	120.00
54.00		111.11	120.00
60.00		100.00	120.00
66.00		-	109.09
18.00		120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00	108.00	120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		118.52	120.00
60.00		106.67	120.00
66.00		-	116.36
18.00		120.00	120.00
24.00	114.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		105.26	120.00
54.00		-	112.28
60.00		-	101.05
66.00	120.00	120.00	120.00
18.00		120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		114.29	120.00
48.00		100.00	120.00
54.00		-	106.67

CORNER MULLION LOAD CAPACITY (+/- PSF)			
NOMINAL DIMS.		MULLION - 'C1' & 'C2'	MULLION - 'C2'
		CASE 2 & 3	CASE 4
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
18.00	90.00	120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		118.52	120.00
60.00	96.00	106.67	120.00
66.00		-	116.36
18.00		120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00	102.00	120.00	120.00
54.00		111.11	120.00
60.00		100.00	120.00
66.00		-	109.09
18.00		120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00	108.00	120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		118.52	120.00
60.00		106.67	120.00
66.00		-	116.36
18.00		120.00	120.00
24.00	114.00	120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		105.26	120.00
54.00		-	112.28
60.00		-	101.05
66.00	120.00	120.00	120.00
18.00		120.00	120.00
24.00		120.00	120.00
30.00		120.00	120.00
36.00		120.00	120.00
42.00		114.29	120.00
48.00		100.00	120.00
54.00		-	106.67

CORNER MULLION LOAD CAPACITY (+/- PSF)			
NOMINAL DIMS.		MULLION - 'C1' & 'C2'	MULLION - 'C2'
		CASE 2 & 3	CASE 4
WIDTH (W)	SPAN HEIGHT (H)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
18.00	126.00	-	120.00
24.00		-	120.00
30.00		-	120.00
36.00		-	120.00
42.00		-	120.00
48.00		-	114.29
54.00		-	101.59
60.00	132.00	-	120.00
66.00		-	120.00
72.00		-	120.00
78.00		-	120.00
84.00		-	120.00
90.00		-	120.00
96.00		-	120.00
102.00	138.00	-	120.00
108.00		-	120.00
114.00		-	120.00
120.00		-	120.00
126.00		-	120.00
132.00		-	120.00
138.00		-	120.00
144.00	144.00	-	120.00
150.00		-	120.00
156.00		-	120.00
162.00		-	120.00
168.00		-	120.00
174.00		-	120.00
180.00		-	120.00



- CASE 2: SINGLE SPAN WITH NO REINFORCEMENTS
- CASE 3: SINGLE SPAN WITH (2) FULL LENGTH STEEL REINFORCEMENTS
- CASE 4: SINGLE SPAN WITH (2) FULL LENGTH STEEL REINFORCEMENTS FOR SMALL MISSILE IMPACT ZONES ONLY



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

TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)
MULLION DETAILS &
CAPACITY TABLES

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 #:	FL41588
DATE:	01.07.2025
DWG. BY:	FB
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GIP012
SHEET:	7.3

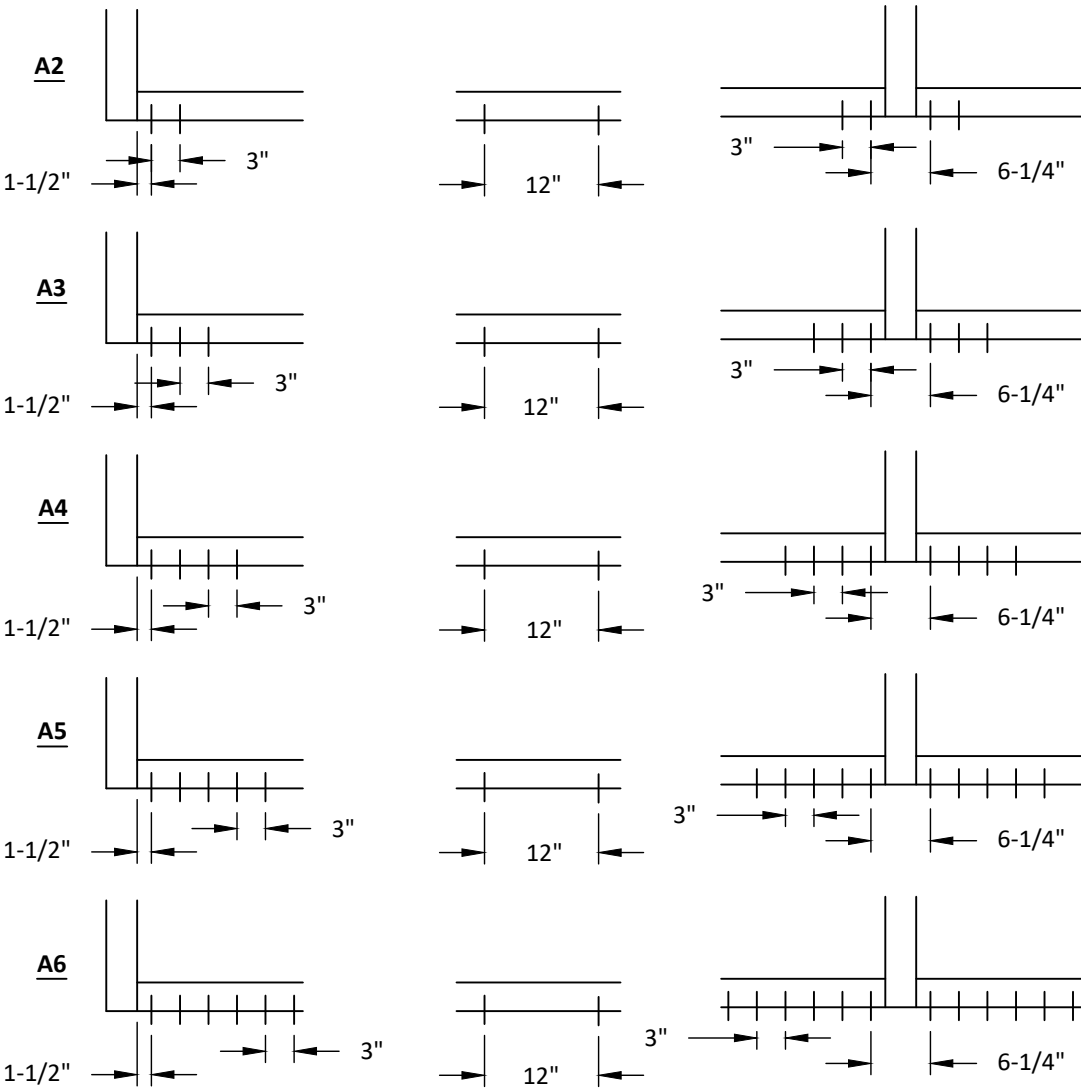
ANCHOR TYPES

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	1/4"	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRAKED'	3"	1.75"
B	5/16"	5/16" DEWALT ULTRACON	MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRAKED'	3-1/8"	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

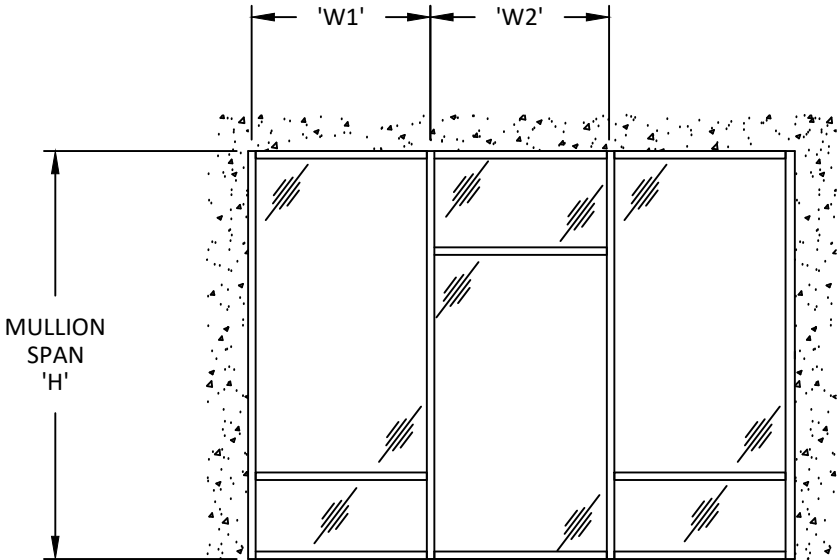
ANCHORS AT MULLION



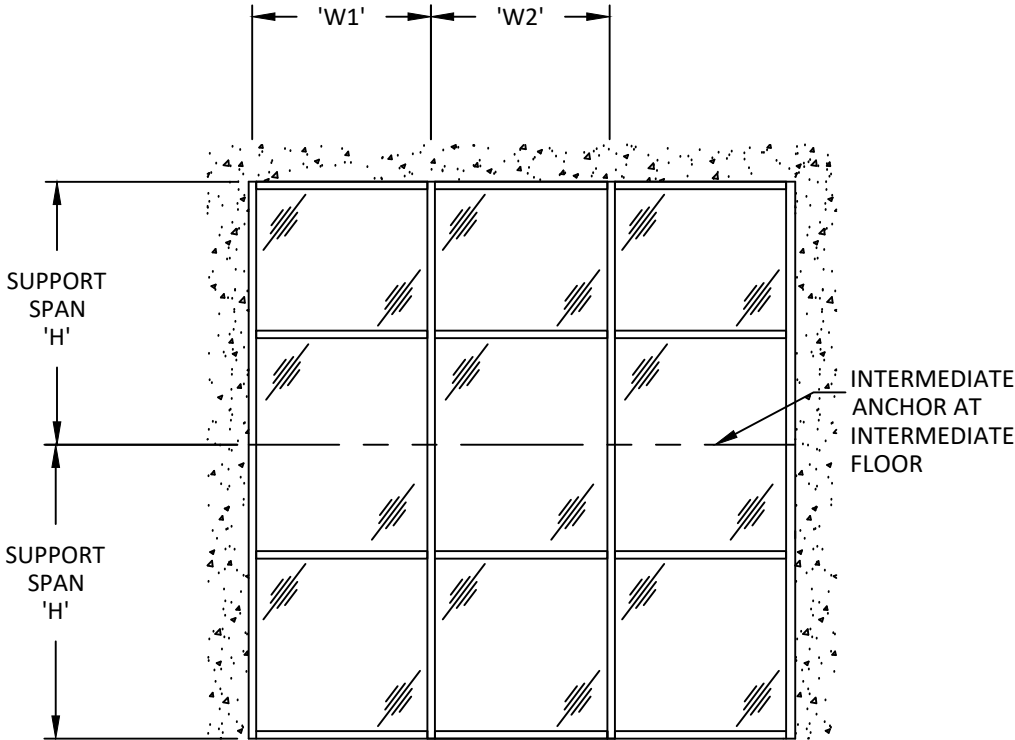
NOTE: SAME PATTERN OCCURS AT HEAD

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

- NOTE:
- ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - REFER TO ELEVATIONS AT RIGHT FOR LOCATIONS AND DETERMINING MAX. LENGTHS (L) AND TRIBUTARY WIDTHS (W).
 - 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.
 - REFER TO SECTION 5 FOR INTERMEDIATE ANCHOR CONFIGURATIONS.
 - REFER TO SECTION 8 FOR ANCHOR TYPE CAPACITIES.



SINGLE SPAN ANCHOR LAYOUT



TWIN SPAN ANCHOR LAYOUT - TYP.



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

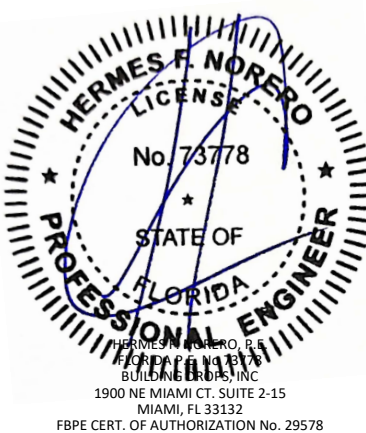
TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)
ANCHOR DETAILS

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

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SINGLE SPAN ANCHOR CAPACITY TABLES

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	D2	D3	D4	D5	D6
24.00	48.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
48.00		120.00	120.00	120.00	120.00	120.00	120.00	105.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
54.00		120.00	120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
60.00		120.00	120.00	120.00	120.00	120.00	120.00	84.00	117.60	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
66.00		120.00	120.00	120.00	120.00	120.00	120.00	76.36	106.91	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
72.00		120.00	120.00	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
78.00		120.00	120.00	120.00	120.00	120.00	120.00	64.62	90.46	116.31	120.00	120.00	120.00	120.00	120.00	120.00	120.00	117.81	120.00	120.00	120.00
84.00		113.93	120.00	120.00	120.00	120.00	120.00	60.00	84.00	108.00	120.00	120.00	113.93	120.00	120.00	120.00	120.00	109.39	120.00	120.00	120.00
90.00		106.33	120.00	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00
96.00	99.69	120.00	120.00	120.00	120.00	120.00	52.50	73.50	94.50	115.50	115.50	99.69	120.00	120.00	120.00	120.00	95.72	120.00	120.00	120.00	
24.00	54.00	120.00	120.00	120.00	120.00	120.00	76.36	106.91	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	64.62	90.46	116.31	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	60.00	84.00	108.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
48.00		120.00	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
54.00		120.00	120.00	120.00	120.00	120.00	52.50	73.50	94.50	115.50	115.50	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
60.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
66.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
72.00		118.15	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	
78.00		109.06	120.00	120.00	120.00	120.00	120.00	106.67	120.00	120.00	120.00	120.00	109.06	120.00	120.00	120.00	120.00	104.72	120.00	120.00	
84.00		101.27	120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	
90.00		94.52	120.00	120.00	120.00	120.00	120.00	82.96	116.15	120.00	120.00	120.00	94.52	120.00	120.00	120.00	120.00	90.76	120.00	120.00	
96.00	88.61	120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00		
24.00	60.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00		
36.00		120.00	120.00	120.00	120.00	120.00	106.67	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00		
42.00		120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00		
48.00		120.00	120.00	120.00	120.00	120.00	82.96	116.15	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00		
54.00		120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00		
60.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00		
66.00		116.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	116.00	120.00	120.00	120.00	120.00	111.38	120.00	120.00	
72.00		106.33	120.00	120.00	120.00	120.00	120.00	112.00	120.00	120.00	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	
78.00		98.15	120.00	120.00	120.00	120.00	120.00	96.00	120.00	120.00	120.00	120.00	98.15	120.00	120.00	120.00	120.00	94.25	120.00	120.00	
84.00		91.14	120.00	120.00	120.00	120.00	120.00	84.00	117.60	120.00	120.00	120.00	91.14	120.00	120.00	120.00	120.00	87.51	120.00	120.00	
90.00		85.07	119.09	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	85.07	119.09	120.00	120.00	120.00	81.68	114.35	120.00	
96.00	79.75	111.65	120.00	120.00	120.00	120.00	67.20	94.08	120.00	120.00	120.00	79.75	111.65	120.00	120.00	120.00	76.58	107.21	120.00		
24.00	66.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	12				

SINGLE SPAN ANCHOR CAPACITY TABLES

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	D2	D3	D4	D5	D6	
24.00	72.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	101.82	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	87.27	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	76.36	106.91	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
48.00		120.00	120.00	120.00	120.00	120.00	67.88	95.03	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
54.00		118.15	120.00	120.00	120.00	120.00	61.09	85.53	109.96	120.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	120.00	120.00
60.00		106.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00	120.00
66.00		96.67	120.00	120.00	120.00	120.00	120.00	112.00	120.00	120.00	120.00	120.00	96.67	120.00	120.00	120.00	120.00	92.82	120.00	120.00	120.00	120.00
72.00		88.61	120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	120.00
78.00		81.79	114.51	120.00	120.00	120.00	120.00	80.00	112.00	120.00	120.00	120.00	81.79	114.51	120.00	120.00	120.00	78.54	109.95	120.00	120.00	120.00
84.00		75.95	106.33	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	75.95	106.33	120.00	120.00	120.00	72.93	102.10	120.00	120.00	120.00
90.00		70.89	99.24	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
96.00	66.46	93.04	119.63	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	66.46	93.04	119.63	120.00	120.00	63.81	89.34	114.86	120.00	120.00	
24.00	78.00	120.00	120.00	120.00	120.00	120.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	80.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
48.00		120.00	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	117.81	120.00	120.00	120.00	120.00
54.00		109.06	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	120.00	109.06	120.00	120.00	120.00	120.00	104.72	120.00	120.00	120.00	120.00
60.00		98.15	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	98.15	120.00	120.00	120.00	120.00	94.25	120.00	120.00	120.00	120.00
66.00		89.23	120.00	120.00	120.00	120.00	120.00	103.38	120.00	120.00	120.00	120.00	89.23	120.00	120.00	120.00	120.00	85.68	119.95	120.00	120.00	120.00
72.00		81.79	114.51	120.00	120.00	120.00	120.00	86.15	120.00	120.00	120.00	120.00	81.79	114.51	120.00	120.00	120.00	78.54	109.95	120.00	120.00	120.00
78.00		75.50	105.70	120.00	120.00	120.00	120.00	73.85	103.38	120.00	120.00	120.00	75.50	105.70	120.00	120.00	120.00	72.50	101.50	120.00	120.00	120.00
84.00		70.11	98.15	120.00	120.00	120.00	120.00	64.62	90.46	116.31	120.00	120.00	70.11	98.15	120.00	120.00	120.00	67.32	94.25	120.00	120.00	120.00
90.00		65.44	91.61	117.78	120.00	120.00	120.00	57.44	80.41	103.38	120.00	120.00	65.44	91.61	117.78	120.00	120.00	62.83	87.96	113.10	120.00	120.00
96.00	61.35	85.88	110.42	120.00	120.00	120.00	51.69	72.37	93.05	113.72	120.00	61.35	85.88	110.42	120.00	120.00	58.90	82.47	106.03	120.00	120.00	
24.00	84.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	96.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	80.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	68.57	96.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
48.00		113.93	120.00	120.00	120.00	120.00	60.00	84.00	108.00	120.00	120.00	113.93	120.00	120.00	120.00	120.00	120.00	109.39	120.00	120.00	120.00	120.00
54.00		101.27	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	120.00	97.24	120.00	120.00	120.00	120.00
60.00		91.14	120.00	120.00	120.00	120.00	48.00	67.20	86.40	105.60	120.00	91.14	120.00	120.00	120.00	120.00	120.00	87.51	120.00	120.00	120.00	120.00
66.00		82.86	116.00	120.00	120.00	120.00	43.64	61.09	78.55	96.00	113.45	82.86	116.00	120.00	120.00	120.00	120.00	79.56	111.38	120.00	120.00	120.00
72.00		75.95	106.33	120.00	120.00	120.00	40.00	56.00	72.00	88.00	104.00	75.95	106.33	120.00	120.00	120.00	120.00	72.93	102.10	120.00	120.00	120.00
78.00		70.11	98.15	120.00	120.00	120.00	36.92	51.69	66.46	81.23	96.00	70.11	98.15	120.00	120.00	120.00	120.00	67.32	94.25	120.00	120.00	120.00
84.00		65.10	91.14	117.18	120.00	120.00	34.29	48.00	61.71	75.43	89.14	65.10	91.14	117.18	120.00	120.00	120.00	62.51	87.51	112.52	120.00	120.00
90.00		60.76	85.07	109.37	120.00	120.00	32.00	44.80	57.60	70.40	83.20	60.76	85.07	109.37	120.00	120.00	120.00	58.34	81.68	105.02	120.00	120.00
96.00	56.96	79.75	102.54	120.00	120.00	30.00	42.00	54.00	66.00	78.00	56.96	79.75	102.54	120.00	120.00	120.00	54.70	76.58	98.45	120.00	120.00	
24.00	90.00	120.00	120.00	120.00	120.00	120.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	89.60	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	64.00	89.60	115.20	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	116.69	120.00	120.00	120.00	
48.00		106.33	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	106.33	120.00	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00	120.00
54.00		94.52	120.00	120.00	120.00	120.00	49.78	69.69	89.60	109.51	120.00	94.52	120.00	120.00	120.00	120.00	120.00	90.76	120.00	120.00	120.00	120.00
60.00		85.07	119.09	120.00	120.00	120.00	44.80	62.72	80.64	98.56	116.48	85.07	119.09	120.00	120.00	120.00	120.00	81.68	114.35	120.00	120.00	120.00
66.00		77.33	108.27	120.00	120.00	120.00	40.73	57.02	73.31	89.60	105.89	77.33	108.27	120.00	120.00	120.00	120.00	74.25	103.96	120.00	120.00	120.00
72.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
78.00		65.44	91.61	117.78	120.00	120.00	34.46	48.25	62.03	75.82	89.60	65.44	91.61	117.78	120.00	120.00	120.00	62.83	87.96	113.10	120.00	120.00
84.00		60.76	85.07	109.37	120.00	120.00	32.00	44.80	57.60	70.40	83.20	60.76	85.07	109.37	120.00	120.00	120.00	58.34	81.68	105.02	120.00	120.00
90.00		56.71	79.40	102.08	120.00	120.00	29.87	41.81	53.76	65.71	77.65	56.71	79.40	102.08	120.00	120.00	120.00	54.45	76.23	98.02	119.80	120.00
96.00	53.17	74.43	95.70	116.97	120.00</																	

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 3/4" SHIM SPACE



GLOBAL IMPACT PRODUCTS
1963 WEST MCNAB RD,
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MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL 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 #: **FL41588**

DATE: 01.07.2025

DWG. BY: FB	CHK. BY: HFN
-----------------------	------------------------

SCALE: NTS

DWG. #: **GIP012**

SHEET:

8.2

OF 9

SINGLE SPAN ANCHOR CAPACITY TABLES

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	D2	D3	D4	D5	D6
24.00	96.00	120.00	120.00	120.00	120.00	120.00	105.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	84.00	117.60	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		113.93	120.00	120.00	120.00	120.00	60.00	84.00	108.00	120.00	120.00	113.93	120.00	120.00	120.00	120.00	109.39	120.00	120.00	120.00	120.00
48.00		99.69	120.00	120.00	120.00	120.00	52.50	73.50	94.50	115.50	120.00	99.69	120.00	120.00	120.00	120.00	95.72	120.00	120.00	120.00	120.00
54.00		88.61	120.00	120.00	120.00	120.00	46.67	65.33	84.00	102.67	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	120.00
60.00		79.75	111.65	120.00	120.00	120.00	42.00	58.80	75.60	92.40	109.20	79.75	111.65	120.00	120.00	120.00	76.58	107.21	120.00	120.00	120.00
66.00		72.50	101.50	120.00	120.00	120.00	38.18	53.45	68.73	84.00	99.27	72.50	101.50	120.00	120.00	120.00	69.61	97.46	120.00	120.00	120.00
72.00		66.46	93.04	119.63	120.00	120.00	35.00	49.00	63.00	77.00	91.00	66.46	93.04	119.63	120.00	120.00	63.81	89.34	114.86	120.00	120.00
78.00		61.35	85.88	110.42	120.00	120.00	32.31	45.23	58.15	71.08	84.00	61.35	85.88	110.42	120.00	120.00	58.90	82.47	106.03	120.00	120.00
84.00		56.96	79.75	102.54	120.00	120.00	30.00	42.00	54.00	66.00	78.00	56.96	79.75	102.54	120.00	120.00	54.70	76.58	98.45	120.00	120.00
90.00		53.17	74.43	95.70	116.97	120.00	28.00	39.20	50.40	61.60	72.80	53.17	74.43	95.70	116.97	120.00	51.05	71.47	91.89	112.31	120.00
24.00	102.00	120.00	120.00	120.00	120.00	120.00	98.82	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	79.06	110.68	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	65.88	92.24	118.59	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		107.23	120.00	120.00	120.00	120.00	56.47	79.06	101.65	120.00	120.00	107.23	120.00	120.00	120.00	120.00	102.96	120.00	120.00	120.00	120.00
48.00		93.82	120.00	120.00	120.00	120.00	49.41	69.18	88.94	108.71	120.00	93.82	120.00	120.00	120.00	120.00	90.09	120.00	120.00	120.00	120.00
54.00		83.40	116.76	120.00	120.00	120.00	43.92	61.49	79.06	96.63	114.20	83.40	116.76	120.00	120.00	120.00	80.08	112.11	120.00	120.00	120.00
60.00		75.06	105.08	120.00	120.00	120.00	39.53	55.34	71.15	86.96	102.78	75.06	105.08	120.00	120.00	120.00	72.07	100.90	120.00	120.00	120.00
66.00		68.24	95.53	120.00	120.00	120.00	35.94	50.31	64.68	79.06	93.43	68.24	95.53	120.00	120.00	120.00	65.52	91.73	117.93	120.00	120.00
72.00		62.55	87.57	112.59	120.00	120.00	32.94	46.12	59.29	72.47	85.65	62.55	87.57	112.59	120.00	120.00	60.06	84.08	108.11	120.00	120.00
78.00		57.74	80.83	103.93	120.00	120.00	30.41	42.57	54.73	66.90	79.06	57.74	80.83	103.93	120.00	120.00	55.44	77.61	99.79	120.00	120.00
84.00		53.61	75.06	96.50	117.95	120.00	28.24	39.53	50.82	62.12	73.41	53.61	75.06	96.50	117.95	120.00	51.48	72.07	92.66	113.25	120.00
24.00	108.00	120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		118.15	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	120.00	120.00
42.00		101.27	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	120.00	120.00
48.00		88.61	120.00	120.00	120.00	120.00	46.67	65.33	84.00	102.67	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	120.00
54.00		78.77	110.27	120.00	120.00	120.00	41.48	58.07	74.67	91.26	107.85	78.77	110.27	120.00	120.00	120.00	75.63	105.88	120.00	120.00	120.00
60.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
66.00		64.44	90.22	116.00	120.00	120.00	33.94	47.52	61.09	74.67	88.24	64.44	90.22	116.00	120.00	120.00	61.88	86.63	111.38	120.00	120.00
72.00		59.07	82.70	106.33	120.00	120.00	31.11	43.56	56.00	68.44	80.89	59.07	82.70	106.33	120.00	120.00	56.72	79.41	102.10	120.00	120.00
78.00		54.53	76.34	98.15	119.97	120.00	28.72	40.21	51.69	63.18	74.67	54.53	76.34	98.15	119.97	120.00	52.36	73.30	94.25	115.19	120.00
24.00	114.00	120.00	120.00	120.00	120.00	120.00	88.42	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	70.74	99.03	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		111.93	120.00	120.00	120.00	120.00	58.95	82.53	106.11	120.00	120.00	111.93	120.00	120.00	120.00	120.00	107.47	120.00	120.00	120.00	120.00
42.00		95.94	120.00	120.00	120.00	120.00	50.53	70.74	90.95	111.16	120.00	95.94	120.00	120.00	120.00	120.00	92.12	120.00	120.00	120.00	120.00
48.00		83.95	117.53	120.00	120.00	120.00	44.21	61.89	79.58	97.26	114.95	83.95	117.53	120.00	120.00	120.00	80.61	112.85	120.00	120.00	120.00
54.00		74.62	104.47	120.00	120.00	120.00	39.30	55.02	70.74	86.46	102.18	74.62	104.47	120.00	120.00	120.00	71.65	100.31	120.00	120.00	120.00
60.00		67.16	94.02	120.00	120.00	120.00	35.37	49.52	63.66	77.81	91.96	67.16	94.02	120.00	120.00	120.00	64.48	90.28	116.07	120.00	120.00
66.00		61.05	85.47	109.89	120.00	120.00	32.15	45.01	57.88	70.74	83.60	61.05	85.47	109.89	120.00	120.00	58.62	82.07	105.52	120.00	120.00
72.00		55.96	78.35	100.74	120.00	120.00	29.47	41.26	53.05	64.84	76.63	55.96	78.35	100.74	120.00	120.00	53.74	75.23	96.73	118.22	120.00

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 3/4" SHIM SPACE



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

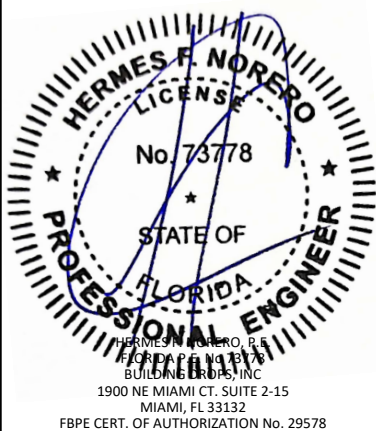
TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)
ANCHOR DETAILS

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

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FL41588

DATE: **01.07.2025**

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

SCALE: **NTS**

DWG. #: **GIP012**

SHEET:
8.3
OF 9

SINGLE SPAN ANCHOR CAPACITY TABLES

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	D2	D3	D4	D5	D6
24.00	120.00	120.00	120.00	120.00	120.00	120.00	84.00	117.60	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	67.20	94.08	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		106.33	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00	120.00
42.00		91.14	120.00	120.00	120.00	120.00	48.00	67.20	86.40	105.60	120.00	91.14	120.00	120.00	120.00	120.00	87.51	120.00	120.00	120.00	120.00
48.00		79.75	111.65	120.00	120.00	120.00	42.00	58.80	75.60	92.40	109.20	79.75	111.65	120.00	120.00	120.00	76.58	107.21	120.00	120.00	120.00
54.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
60.00		63.80	89.32	114.84	120.00	120.00	33.60	47.04	60.48	73.92	87.36	63.80	89.32	114.84	120.00	120.00	61.26	85.76	110.27	120.00	120.00
66.00		58.00	81.20	104.40	120.00	120.00	30.55	42.76	54.98	67.20	79.42	58.00	81.20	104.40	120.00	120.00	55.69	77.97	100.24	120.00	120.00
72.00		53.17	74.43	95.70	116.97	120.00	28.00	39.20	50.40	61.60	72.80	53.17	74.43	95.70	116.97	120.00	51.05	71.47	91.89	112.31	120.00
24.00	126.00	120.00	120.00	120.00	120.00	120.00	80.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	64.00	89.60	115.20	120.00	120.00	120.00	120.00	120.00	120.00	120.00	116.69	120.00	120.00	120.00	120.00
36.00		101.27	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	120.00	120.00
42.00		86.80	120.00	120.00	120.00	120.00	45.71	64.00	82.29	100.57	118.86	86.80	120.00	120.00	120.00	120.00	83.35	116.69	120.00	120.00	120.00
48.00		75.95	106.33	120.00	120.00	120.00	40.00	56.00	72.00	88.00	104.00	75.95	106.33	120.00	120.00	120.00	72.93	102.10	120.00	120.00	120.00
54.00		67.51	94.52	120.00	120.00	120.00	35.56	49.78	64.00	78.22	92.44	67.51	94.52	120.00	120.00	120.00	64.83	90.76	116.69	120.00	120.00
60.00		60.76	85.07	109.37	120.00	120.00	32.00	44.80	57.60	70.40	83.20	60.76	85.07	109.37	120.00	120.00	58.34	81.68	105.02	120.00	120.00
66.00		55.24	77.33	99.43	120.00	120.00	29.09	40.73	52.36	64.00	75.64	55.24	77.33	99.43	120.00	120.00	53.04	74.25	95.47	116.69	120.00
24.00	132.00	120.00	120.00	120.00	120.00	120.00	76.36	106.91	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		116.00	120.00	120.00	120.00	120.00	61.09	85.53	109.96	120.00	120.00	116.00	120.00	120.00	120.00	120.00	111.38	120.00	120.00	120.00	120.00
36.00		96.67	120.00	120.00	120.00	120.00	50.91	71.27	91.64	112.00	120.00	96.67	120.00	120.00	120.00	120.00	92.82	120.00	120.00	120.00	120.00
42.00		82.86	116.00	120.00	120.00	120.00	43.64	61.09	78.55	96.00	113.45	82.86	116.00	120.00	120.00	120.00	79.56	111.38	120.00	120.00	120.00
48.00		72.50	101.50	120.00	120.00	120.00	38.18	53.45	68.73	84.00	99.27	72.50	101.50	120.00	120.00	120.00	69.61	97.46	120.00	120.00	120.00
54.00		64.44	90.22	116.00	120.00	120.00	33.94	47.52	61.09	74.67	88.24	64.44	90.22	116.00	120.00	120.00	61.88	86.63	111.38	120.00	120.00
60.00		58.00	81.20	104.40	120.00	120.00	30.55	42.76	54.98	67.20	79.42	58.00	81.20	104.40	120.00	120.00	55.69	77.97	100.24	120.00	120.00
66.00		53.17	74.43	95.70	116.97	120.00	28.00	39.20	50.40	61.60	72.80	53.17	74.43	95.70	116.97	120.00	51.05	71.47	91.89	112.31	120.00
24.00	138.00	120.00	120.00	120.00	120.00	120.00	73.04	102.26	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		110.96	120.00	120.00	120.00	120.00	58.43	81.81	105.18	120.00	120.00	110.96	120.00	120.00	120.00	120.00	106.54	120.00	120.00	120.00	120.00
36.00		92.46	120.00	120.00	120.00	120.00	48.70	68.17	87.65	107.13	120.00	92.46	120.00	120.00	120.00	120.00	88.78	120.00	120.00	120.00	120.00
42.00		79.25	110.96	120.00	120.00	120.00	41.74	58.43	75.13	91.83	108.52	79.25	110.96	120.00	120.00	120.00	76.10	106.54	120.00	120.00	120.00
48.00		69.35	97.09	120.00	120.00	120.00	36.52	51.13	65.74	80.35	94.96	69.35	97.09	120.00	120.00	120.00	66.59	93.22	119.86	120.00	120.00
54.00		61.64	86.30	110.96	120.00	120.00	32.46	45.45	58.43	71.42	84.41	61.64	86.30	110.96	120.00	120.00	59.19	82.86	106.54	120.00	120.00
60.00		55.48	77.67	99.86	120.00	120.00	29.22	40.90	52.59	64.28	75.97	55.48	77.67	99.86	120.00	120.00	53.27	74.58	95.89	117.19	120.00
66.00		50.27	70.89	92.44	120.00	120.00	26.67	37.33	48.89	60.40	71.96	50.27	70.89	92.44	120.00	120.00	50.27	70.89	92.44	120.00	120.00
24.00	144.00	120.00	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		106.33	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00	120.00
36.00		88.61	120.00	120.00	120.00	120.00	46.67	65.33	84.00	102.67	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	120.00
42.00		75.95	106.33	120.00	120.00	120.00	40.00	56.00	72.00	88.00	104.00	75.95	106.33	120.00	120.00	120.00	72.93	102.10	120.00	120.00	120.00
48.00		66.46	93.04	119.63	120.00	120.00	35.00	49.00	63.00	77.00	91.00	66.46	93.04	119.63	120.00	120.00	63.81	89.34	114.86	120.00	120.00
54.00		59.07	82.70	106.33	120.00	120.00	31.11	43.56	56.00	68.44	80.89	59.07	82.70	106.33	120.00	120.00	56.72	79.41	102.10	120.00	120.00
60.00		53.17	74.43	95.70	116.97	120.00	28.00	39.20	50.40	61.60	72.80	53.17	74.43	95.70	116.97	120.00	51.05	71.47	91.89	112.31	120.00
66.00		48.89	67.20	86.40	105.60	120.00	24.00	33.60	42.76	54.98	67.20	48.89	67.20	86.40	105.60	120.00	48.89	67.20	86.40	105.60	120.00

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 3/4" SHIM SPACE



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

TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)
ANCHOR 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 #:
FL41588

DATE: **01.07.2025**

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

SCALE: **NTS**

DWG. #: **GIP012**

SHEET:
8.4
OF 9

TWIN SPAN ANCHOR CAPACITY TABLES

MAX. ANCHOR CAPACITY FOR TWIN 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	D2	D3	D4	D5	D6
24.00	72.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	120.00	106.67	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
48.00		120.00	120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
54.00		120.00	120.00	120.00	120.00	120.00	120.00	82.96	116.15	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
60.00		120.00	120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
66.00		120.00	120.00	120.00	120.00	120.00	120.00	67.88	95.03	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
72.00		118.15	120.00	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	120.00
78.00		109.06	120.00	120.00	120.00	120.00	120.00	57.44	80.41	103.38	120.00	120.00	109.06	120.00	120.00	120.00	120.00	104.72	120.00	120.00	120.00
84.00		101.27	120.00	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	120.00
90.00	94.52	120.00	120.00	120.00	120.00	120.00	49.78	69.69	89.60	109.51	120.00	94.52	120.00	120.00	120.00	120.00	90.76	120.00	120.00	120.00	
96.00	88.61	120.00	120.00	120.00	120.00	120.00	46.67	65.33	84.00	102.67	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	
24.00	78.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	120.00	114.87	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	120.00	98.46	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
48.00		120.00	120.00	120.00	120.00	120.00	120.00	86.15	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
54.00		120.00	120.00	120.00	120.00	120.00	120.00	76.58	107.21	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
60.00		120.00	120.00	120.00	120.00	120.00	120.00	68.92	96.49	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
66.00		118.97	120.00	120.00	120.00	120.00	120.00	62.66	87.72	112.78	120.00	120.00	118.97	120.00	120.00	120.00	120.00	114.24	120.00	120.00	
72.00		109.06	120.00	120.00	120.00	120.00	120.00	57.44	80.41	103.38	120.00	120.00	109.06	120.00	120.00	120.00	120.00	104.72	120.00	120.00	
78.00		100.67	120.00	120.00	120.00	120.00	120.00	53.02	74.22	95.43	116.64	120.00	100.67	120.00	120.00	120.00	120.00	96.66	120.00	120.00	
84.00		93.48	120.00	120.00	120.00	120.00	120.00	49.23	68.92	88.62	108.31	120.00	93.48	120.00	120.00	120.00	120.00	89.76	120.00	120.00	
90.00	87.25	120.00	120.00	120.00	120.00	120.00	45.95	64.33	82.71	101.09	119.47	87.25	120.00	120.00	120.00	120.00	83.77	117.28	120.00		
96.00	81.79	114.51	120.00	120.00	120.00	120.00	43.08	60.31	77.54	94.77	112.00	81.79	114.51	120.00	120.00	120.00	78.54	109.95	120.00		
24.00	84.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
30.00		120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
36.00		120.00	120.00	120.00	120.00	120.00	120.00	106.67	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
42.00		120.00	120.00	120.00	120.00	120.00	120.00	91.43	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
48.00		120.00	120.00	120.00	120.00	120.00	120.00	80.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
54.00		120.00	120.00	120.00	120.00	120.00	120.00	71.11	99.56	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	
60.00		120.00	120.00	120.00	120.00	120.00	120.00	64.00	89.60	115.20	120.00	120.00	120.00	120.00	120.00	120.00	116.69	120.00	120.00	120.00	
66.00		110.48	120.00	120.00	120.00	120.00	120.00	58.18	81.45	104.73	120.00	120.00	110.48	120.00	120.00	120.00	120.00	106.08	120.00	120.00	
72.00		101.27	120.00	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	
78.00		93.48	120.00	120.00	120.00	120.00	120.00	49.23	68.92	88.62	108.31	120.00	93.48	120.00	120.00	120.00	120.00	89.76	120.00	120.00	
84.00		86.80	120.00	120.00	120.00	120.00	120.00	45.71	64.00	82.29	100.57	118.86	86.80	120.00	120.00	120.00	120.00	83.35	116.69	120.00	
90.00	81.02	113.42	120.00	120.00	120.00	120.00	42.67	59.73	76.80	93.87	110.93	81.02	113.42	120.00	120.00	120.00	77.79	108.91	120.00		
96.00	75.95	106.33	120.00	120.00	120.00	120.00	40.00	56.00	72.00												

TWIN SPAN ANCHOR CAPACITY TABLES

MAX. ANCHOR CAPACITY FOR TWIN 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	D2	D3	D4	D5	D6
24.00	96.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	80.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
48.00		120.00	120.00	120.00	120.00	120.00	70.00	98.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
54.00		118.15	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	120.00	120.00
60.00		106.33	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00	120.00
66.00		96.67	120.00	120.00	120.00	120.00	50.91	71.27	91.64	112.00	120.00	96.67	120.00	120.00	120.00	120.00	92.82	120.00	120.00	120.00	120.00
72.00		88.61	120.00	120.00	120.00	120.00	46.67	65.33	84.00	102.67	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	120.00
78.00		81.79	114.51	120.00	120.00	120.00	43.08	60.31	77.54	94.77	112.00	81.79	114.51	120.00	120.00	120.00	78.54	109.95	120.00	120.00	120.00
84.00		75.95	106.33	120.00	120.00	120.00	40.00	56.00	72.00	88.00	104.00	75.95	106.33	120.00	120.00	120.00	72.93	102.10	120.00	120.00	120.00
90.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
24.00	102.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	105.41	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	87.84	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	75.29	105.41	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
48.00		120.00	120.00	120.00	120.00	120.00	65.88	92.24	118.59	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
54.00		111.20	120.00	120.00	120.00	120.00	58.56	81.99	105.41	120.00	120.00	111.20	120.00	120.00	120.00	120.00	106.77	120.00	120.00	120.00	120.00
60.00		100.08	120.00	120.00	120.00	120.00	52.71	73.79	94.87	115.95	120.00	100.08	120.00	120.00	120.00	120.00	96.09	120.00	120.00	120.00	120.00
66.00		90.98	120.00	120.00	120.00	120.00	47.91	67.08	86.25	105.41	120.00	90.98	120.00	120.00	120.00	120.00	87.36	120.00	120.00	120.00	120.00
72.00		83.40	116.76	120.00	120.00	120.00	43.92	61.49	79.06	96.63	114.20	83.40	116.76	120.00	120.00	120.00	80.08	112.11	120.00	120.00	120.00
78.00		76.98	107.78	120.00	120.00	120.00	40.54	56.76	72.98	89.19	105.41	76.98	107.78	120.00	120.00	120.00	73.92	103.49	120.00	120.00	120.00
84.00		71.48	100.08	120.00	120.00	120.00	37.65	52.71	67.76	82.82	97.88	71.48	100.08	120.00	120.00	120.00	68.64	96.09	120.00	120.00	120.00
24.00	108.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	99.56	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	82.96	116.15	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	71.11	99.56	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
48.00		118.15	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	120.00	120.00
54.00		105.02	120.00	120.00	120.00	120.00	55.31	77.43	99.56	120.00	120.00	105.02	120.00	120.00	120.00	120.00	100.84	120.00	120.00	120.00	120.00
60.00		94.52	120.00	120.00	120.00	120.00	49.78	69.69	89.60	109.51	120.00	94.52	120.00	120.00	120.00	120.00	90.76	120.00	120.00	120.00	120.00
66.00		85.93	120.00	120.00	120.00	120.00	45.25	63.35	81.45	99.56	117.66	85.93	120.00	120.00	120.00	120.00	82.51	115.51	120.00	120.00	120.00
72.00		78.77	110.27	120.00	120.00	120.00	41.48	58.07	74.67	91.26	107.85	78.77	110.27	120.00	120.00	120.00	75.63	105.88	120.00	120.00	120.00
78.00		72.71	101.79	120.00	120.00	120.00	38.29	53.61	68.92	84.24	99.56	72.71	101.79	120.00	120.00	120.00	69.81	97.74	120.00	120.00	120.00
24.00	114.00	120.00	120.00	120.00	120.00	120.00	117.89	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	94.32	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	78.60	110.04	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	67.37	94.32	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
48.00		111.93	120.00	120.00	120.00	120.00	58.95	82.53	106.11	120.00	120.00	111.93	120.00	120.00	120.00	120.00	107.47	120.00	120.00	120.00	120.00
54.00		99.49	120.00	120.00	120.00	120.00	52.40	73.36	94.32	115.27	120.00	99.49	120.00	120.00	120.00	120.00	95.53	120.00	120.00	120.00	120.00
60.00		89.54	120.00	120.00	120.00	120.00	47.16	66.02	84.88	103.75	120.00	89.54	120.00	120.00	120.00	120.00	85.98	120.00	120.00	120.00	120.00
66.00		81.40	113.96	120.00	120.00	120.00	42.87	60.02	77.17	94.32	111.46	81.40	113.96	120.00	120.00	120.00	78.16	109.43	120.00	120.00	120.00
72.00		74.62	104.47	120.00	120.00	120.00	39.30	55.02	70.74	86.46	102.18	74.62	104.47	120.00	120.00	120.00	71.65	100.31	120.00	120.00	120.00

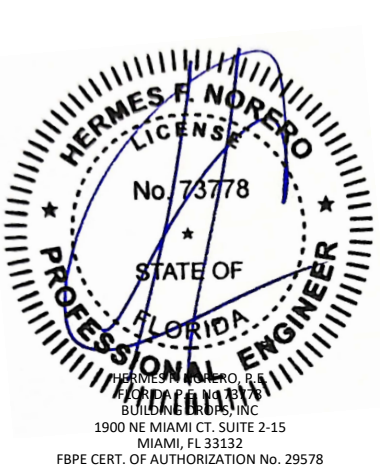
NOTE:
A2 REPRESENTS (2) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.
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A5 REPRESENTS (5) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.
A6 REPRESENTS (6) ANCHORS USED ON EACH SIDE OF THE MULLION AND ONE SIDE OF THE JAMB.
ALL ANCHORS ARE CALCULATED WITH 3/4" SHIM SPACE



TITLE: 7000 SERIES ALUMINUM WINDOW WALL SYSTEMS (HVHZ)/(IMPACT) ANCHOR 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 #: FL41588

DATE: 01.07.2025

DWG. BY: FBCHK. BY: HFN

SCALE: NTS

DWG. #: GIP012

SHEET: 8.7 OF 9

TWIN SPAN ANCHOR CAPACITY TABLES

MAX. ANCHOR CAPACITY FOR TWIN 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	D2	D3	D4	D5	D6
24.00	120.00	120.00	120.00	120.00	120.00	120.00	112.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	89.60	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		120.00	120.00	120.00	120.00	120.00	64.00	89.60	115.20	120.00	120.00	120.00	120.00	120.00	120.00	120.00	116.69	120.00	120.00	120.00	120.00
48.00		106.33	120.00	120.00	120.00	120.00	56.00	78.40	100.80	120.00	120.00	106.33	120.00	120.00	120.00	120.00	102.10	120.00	120.00	120.00	120.00
54.00		94.52	120.00	120.00	120.00	120.00	49.78	69.69	89.60	109.51	120.00	94.52	120.00	120.00	120.00	120.00	90.76	120.00	120.00	120.00	120.00
60.00		85.07	119.09	120.00	120.00	120.00	44.80	62.72	80.64	98.56	116.48	85.07	119.09	120.00	120.00	120.00	81.68	114.35	120.00	120.00	120.00
66.00		77.33	108.27	120.00	120.00	120.00	40.73	57.02	73.31	89.60	105.89	77.33	108.27	120.00	120.00	120.00	74.25	103.96	120.00	120.00	120.00
72.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
24.00	126.00	120.00	120.00	120.00	120.00	120.00	106.67	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	85.33	119.47	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	71.11	99.56	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		115.74	120.00	120.00	120.00	120.00	60.95	85.33	109.71	120.00	120.00	115.74	120.00	120.00	120.00	120.00	111.13	120.00	120.00	120.00	120.00
48.00		101.27	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	120.00	120.00
54.00		90.02	120.00	120.00	120.00	120.00	47.41	66.37	85.33	104.30	120.00	90.02	120.00	120.00	120.00	120.00	86.43	120.00	120.00	120.00	120.00
60.00		81.02	113.42	120.00	120.00	120.00	42.67	59.73	76.80	93.87	110.93	81.02	113.42	120.00	120.00	120.00	77.79	108.91	120.00	120.00	120.00
66.00		73.65	103.11	120.00	120.00	120.00	38.79	54.30	69.82	85.33	100.85	73.65	103.11	120.00	120.00	120.00	70.72	99.01	120.00	120.00	120.00
72.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
24.00	132.00	120.00	120.00	120.00	120.00	120.00	101.82	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	81.45	114.04	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	67.88	95.03	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
42.00		110.48	120.00	120.00	120.00	120.00	58.18	81.45	104.73	120.00	120.00	110.48	120.00	120.00	120.00	120.00	106.08	120.00	120.00	120.00	120.00
48.00		96.67	120.00	120.00	120.00	120.00	50.91	71.27	91.64	112.00	120.00	96.67	120.00	120.00	120.00	120.00	92.82	120.00	120.00	120.00	120.00
54.00		85.93	120.00	120.00	120.00	120.00	45.25	63.35	81.45	99.56	117.66	85.93	120.00	120.00	120.00	120.00	82.51	115.51	120.00	120.00	120.00
60.00		77.33	108.27	120.00	120.00	120.00	40.73	57.02	73.31	89.60	105.89	77.33	108.27	120.00	120.00	120.00	74.25	103.96	120.00	120.00	120.00
66.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
72.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
24.00	138.00	120.00	120.00	120.00	120.00	120.00	97.39	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	77.91	109.08	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		120.00	120.00	120.00	120.00	120.00	64.93	90.90	116.87	120.00	120.00	120.00	120.00	120.00	120.00	120.00	118.38	120.00	120.00	120.00	120.00
42.00		105.67	120.00	120.00	120.00	120.00	55.65	77.91	100.17	120.00	120.00	105.67	120.00	120.00	120.00	120.00	101.47	120.00	120.00	120.00	120.00
48.00		92.46	120.00	120.00	120.00	120.00	48.70	68.17	87.65	107.13	120.00	92.46	120.00	120.00	120.00	120.00	88.78	120.00	120.00	120.00	120.00
54.00		82.19	115.07	120.00	120.00	120.00	43.29	60.60	77.91	95.23	112.54	82.19	115.07	120.00	120.00	120.00	78.92	110.49	120.00	120.00	120.00
60.00		73.97	103.56	120.00	120.00	120.00	38.96	54.54	70.12	85.70	101.29	73.97	103.56	120.00	120.00	120.00	71.03	99.44	120.00	120.00	120.00
66.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
72.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
24.00	144.00	120.00	120.00	120.00	120.00	120.00	93.33	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
30.00		120.00	120.00	120.00	120.00	120.00	74.67	104.53	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
36.00		118.15	120.00	120.00	120.00	120.00	62.22	87.11	112.00	120.00	120.00	118.15	120.00	120.00	120.00	120.00	113.44	120.00	120.00	120.00	120.00
42.00		101.27	120.00	120.00	120.00	120.00	53.33	74.67	96.00	117.33	120.00	101.27	120.00	120.00	120.00	120.00	97.24	120.00	120.00	120.00	120.00
48.00		88.61	120.00	120.00	120.00	120.00	46.67	65.33	84.00	102.67	120.00	88.61	120.00	120.00	120.00	120.00	85.08	119.12	120.00	120.00	120.00
54.00		78.77	110.27	120.00	120.00	120.00	41.48	58.07	74.67	91.26	107.85	78.77	110.27	120.00	120.00	120.00	75.63	105.88	120.00	120.00	120.00
60.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
66.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00
72.00		70.89	99.24	120.00	120.00	120.00	37.33	52.27	67.20	82.13	97.07	70.89	99.24	120.00	120.00	120.00	68.07	95.29	120.00	120.00	120.00

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.

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

TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)
ANCHOR DETAILS

PREPARED BY:
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HFN

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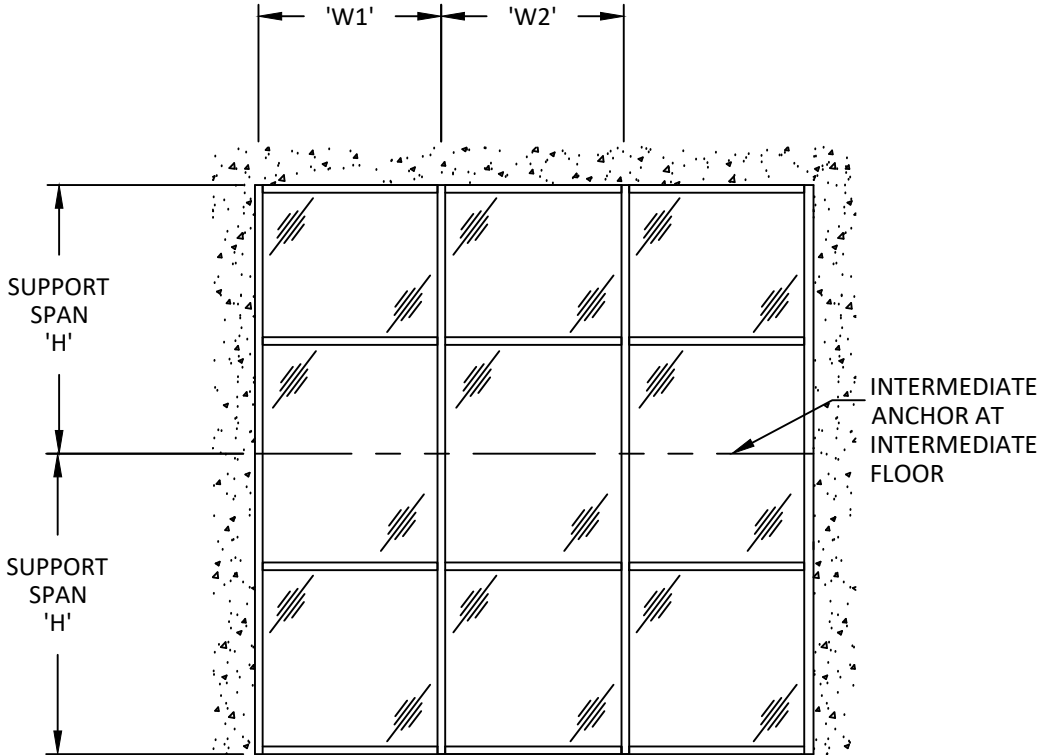
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OF 9

ANCHOR TYPES

TYPE	DIAMETER	ANCHOR TYPE	SUBSTRATE	MINIMUM EDGE DISTANCE	MINIMUM EMBEDMENT
D	-	WELD (E60XX)	STEEL MIN. 1/4"	-	SEE SECTION 5
E	1/2"	DEWALT POWER-STUD+ SD2	MIN. 3000 PSI CONCRETE 'CRACKED OR UNCRAKED'	4"	3.75"

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE D	ANCHOR TYPE E
WIDTH (W) (IN.)	HEIGHT (H) (IN.)		
36.00	72.00	120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00		120.00	120.00
90.00		120.00	120.00
96.00	78.00	120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00		120.00	120.00
90.00	84.00	120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00	90.00	120.00	120.00
90.00		120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00	96.00	120.00	120.00
84.00		120.00	120.00
90.00		120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00

MAXIMUM DESIGN PRESSURE - LIMITED BY ANCHOR CAPACITY (+/- PSF)			
NOMINAL DIMENSIONS		ANCHOR TYPE D	ANCHOR TYPE E
WIDTH (W) (IN.)	HEIGHT (H) (IN.)		
36.00	102.00	120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00		120.00	120.00
90.00	108.00	120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00	114.00	120.00	120.00
84.00		120.00	120.00
90.00		120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00	120.00	120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00		120.00	120.00
90.00		120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00	126.00	120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00		120.00	120.00
90.00		120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00	132.00	120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00		120.00	120.00
90.00		120.00	120.00
96.00	138.00	120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00
78.00		120.00	120.00
84.00	144.00	120.00	120.00
90.00		120.00	120.00
96.00		120.00	120.00
36.00		120.00	120.00
42.00		120.00	120.00
48.00		120.00	120.00
54.00		120.00	120.00
60.00		120.00	120.00
66.00		120.00	120.00
72.00		120.00	120.00



TWIN SPAN ANCHOR LAYOUT - TYP.

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



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

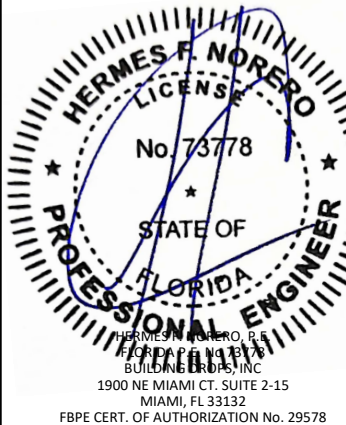
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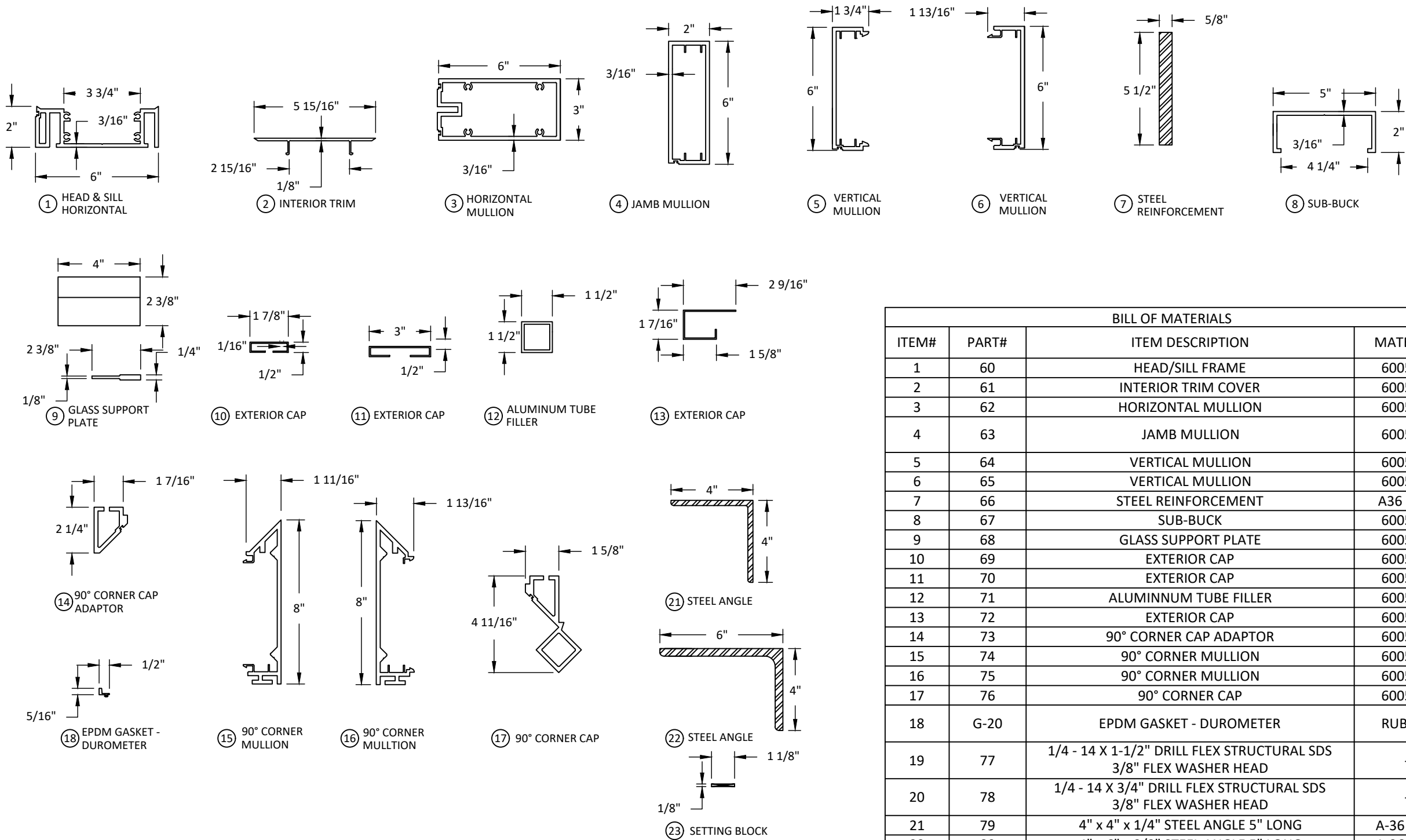
DWG. BY: **FB** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GIP012**

SHEET:
8.9

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BILL OF MATERIALS			
ITEM#	PART#	ITEM DESCRIPTION	MATERIAL
1	60	HEAD/SILL FRAME	6005-T6
2	61	INTERIOR TRIM COVER	6005-T6
3	62	HORIZONTAL MULLION	6005-T6
4	63	JAMB MULLION	6005-T6
5	64	VERTICAL MULLION	6005-T6
6	65	VERTICAL MULLION	6005-T6
7	66	STEEL REINFORCEMENT	A36 MIN.
8	67	SUB-BUCK	6005-T6
9	68	GLASS SUPPORT PLATE	6005-T6
10	69	EXTERIOR CAP	6005-T6
11	70	EXTERIOR CAP	6005-T6
12	71	ALUMINNUM TUBE FILLER	6005-T6
13	72	EXTERIOR CAP	6005-T6
14	73	90° CORNER CAP ADAPTOR	6005-T6
15	74	90° CORNER MULLION	6005-T6
16	75	90° CORNER MULLION	6005-T6
17	76	90° CORNER CAP	6005-T6
18	G-20	EPDM GASKET - DUROMETER	RUBBER
19	77	1/4 - 14 X 1-1/2" DRILL FLEX STRUCTURAL SDS 3/8" FLEX WASHER HEAD	-
20	78	1/4 - 14 X 3/4" DRILL FLEX STRUCTURAL SDS 3/8" FLEX WASHER HEAD	-
21	79	4" x 4" x 1/4" STEEL ANGLE 5" LONG	A-36 MIN.
22	80	4" x 6" x 3/8" STEEL ANGLE 5" LONG	A-36 MIN.
23	81	SETTING BLOCK (1/8" x 1-1/8") AT 1/4 POINTS	EPDM



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

TITLE: 7000 SERIES ALUMINUM
WINDOW WALL SYSTEMS
(HVHZ)/(IMPACT)

COMPONENTS &
BILL OF MATERIALS

PREPARED BY:

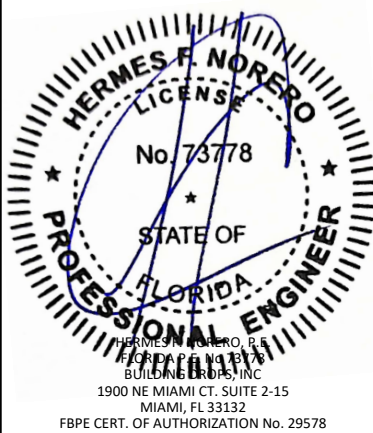
BUILDING DROPS, INC.

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 #:

FL41588

DATE: 01.07.2025

DWG. BY: FB

CHK. BY: HFN

SCALE: NTS

DWG. #: GIP012

SHEET:

9.0

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