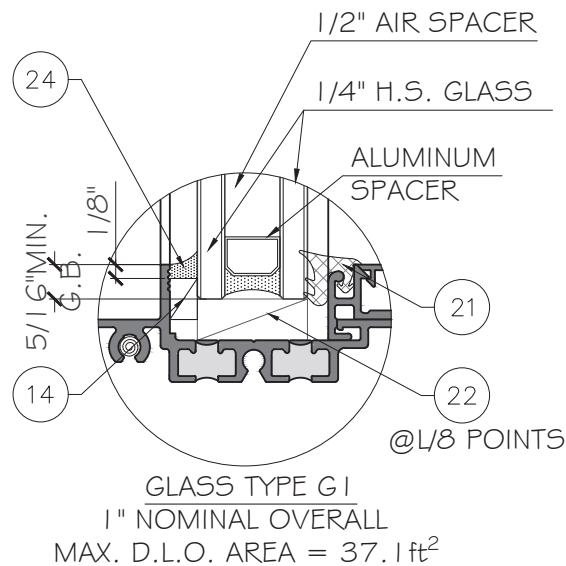


TRULITE GLASS AND ALUMINUM SOLUTION
SERIES CG330/ CT331/ CT332 ALUMINUM STOREFRONT - N.I.



NOTE:
GLASS COMPLIES WITH ASTM E1300-09
(3 SEC. GUSTS).

SERIES CT331/CT332/CG330 STOREFRONT SYSTEM

THIS WINDOW WALL SYSTEM IS NON IMPACT SYSTEM TO BE USED OUTSIDE OF HVHZ.
THIS SYSTEM MAY BE USED IN CONJUNCTION WITH FLORIDA STATE APPROVED ENTRANCE DOORS.

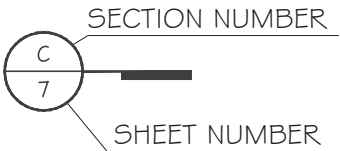
- CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE NOT INCLUDING HIGH VELOCITY HURRICANE ZONE (NON-HVHZ).
- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION (2020)/ 8TH EDITION (2023) SECTION AS APPLICABLE.
- SEALANT:
ALL FRAME CORNERS, JOINTS AND FRAME PERIMETER TO BE SEALED WITH SILICONE SEALANT.
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

USE CHARTS AS FOLLOWS.

- STEP 1:** DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD OR WIND TUNNEL REPORTS.
- STEP 2:** SEE SHEET 02 FOR APPROVED TYPICAL ELEVATION & CONFIGURATION.
- STEP 3:** ANCHOR OPTION SEE SHEET 08. ANCHOR LAYOUT SEE SHEET 02. SEE SHEET 09 & 10 FOR ANCHOR CAPACITY. SEE SHEET 03& 04 & 05 & 06 & 07 FOR MULLION LOAD CAPACITY.
- STEP 4:** THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EQUAL OR EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

G.B. - GLASS BITE
D.L.O. - DAYLITE OPENING
F.H. - FRAME HEIGHT
F.W. - FRAME WIDTH
W/ - WITH
W/O - WITHOUT
O.C. - ON CENTER



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403 WESTPARK COURT, SUITE 201
PEACHTREE CITY, GA 30269
p. 800-432-8132

PRODUCT:

Series CG330/
CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI



REVN	DATE/REMARKS
REV 2	08.01.2023

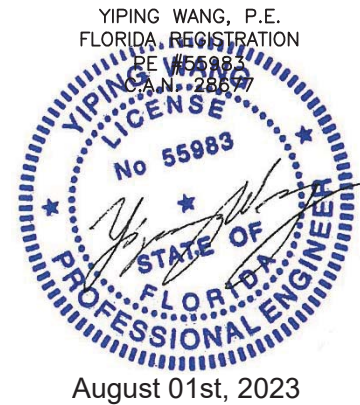
ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

12781 MIRAMAR PARKWAY #301
MIRAMAR FL33027
P: 305.271.0117
mcy@mcyengineering.com
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STAMP:



FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: COVER
DATE: 08.01.23	01 OF 18
DWG: AD22-01	

PRODUCT:

**Series CG330/
CT331/ CT332**
ALUMINUM STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

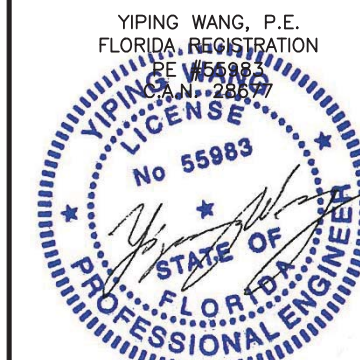
REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
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12781 MIRAMAR PARKWAY #301
MIRAMAR FL33027
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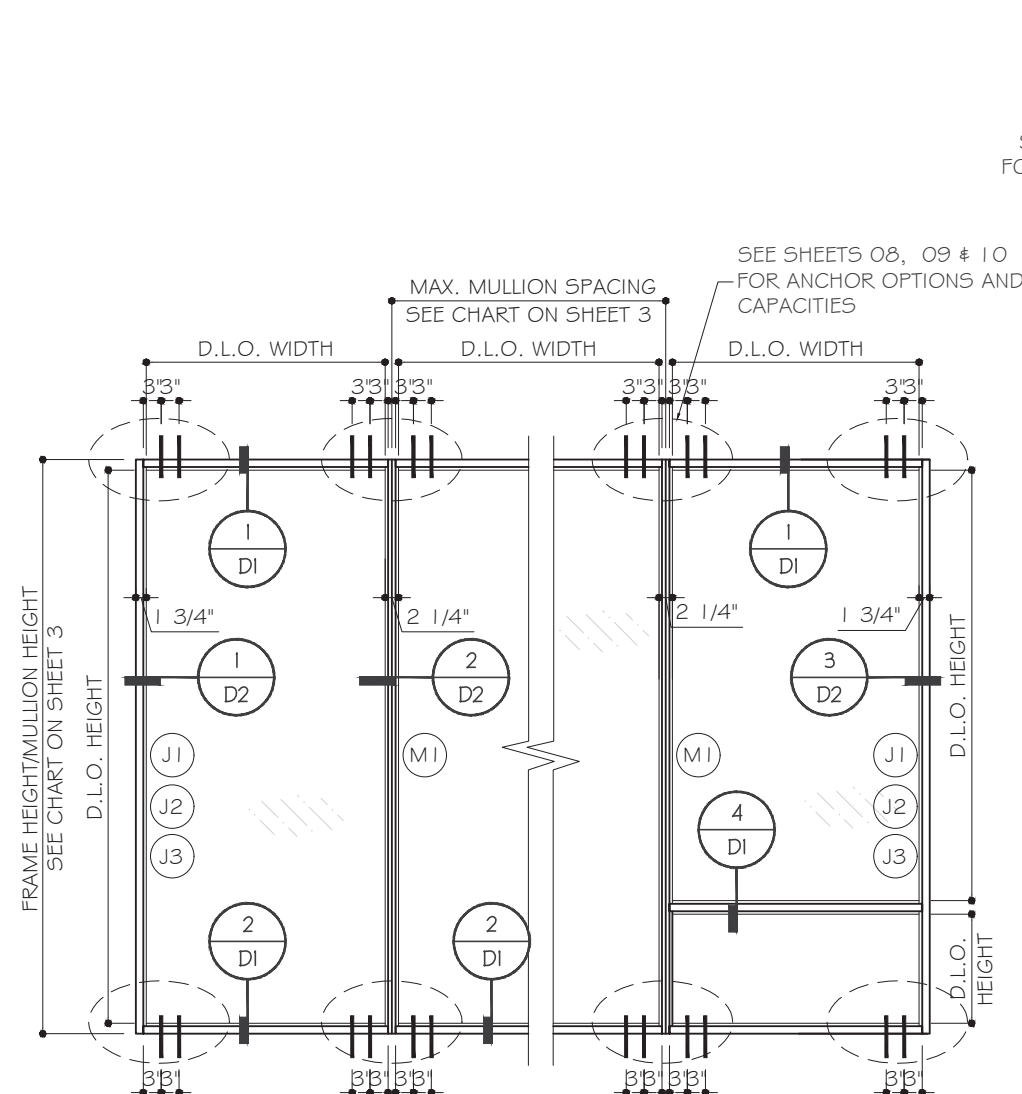
STAMP:



FLORIDA APPROVAL:

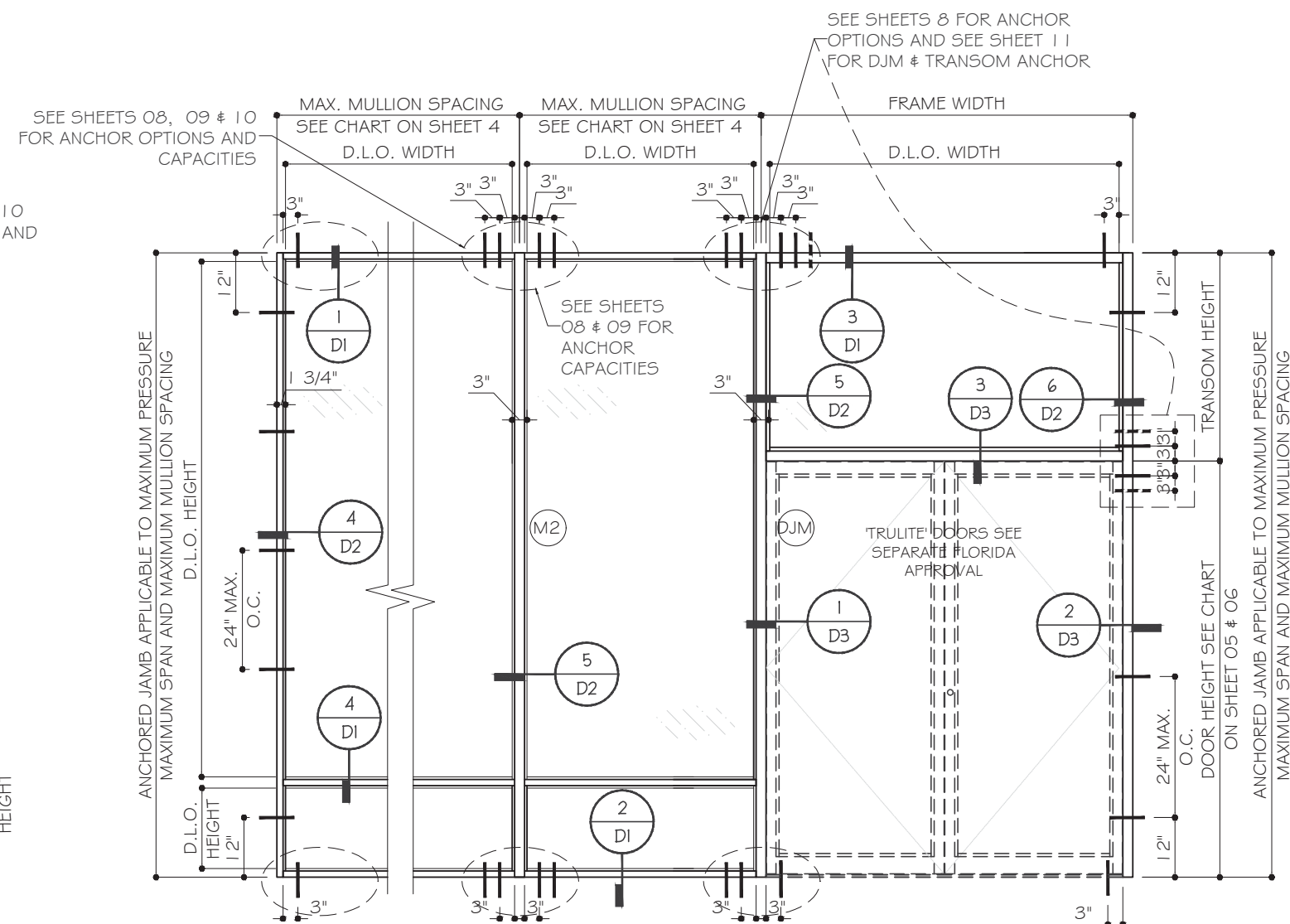
FL40704

DRAWN: James	DRAWING No: E1
DATE: 08.01.23	02 OF 18
DWG: AD22-01	



TYPICAL STOREFRONT ELEVATION

SEE CHART ON SHEET 03 FOR CAPACITY

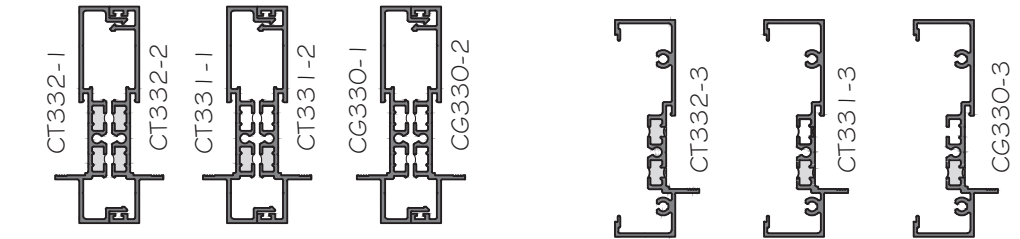


TYPICAL STOREFRONT ELEVATION

SEE CHART ON SHEET 04 & 05 & 06 & 07 FOR CAPACITY

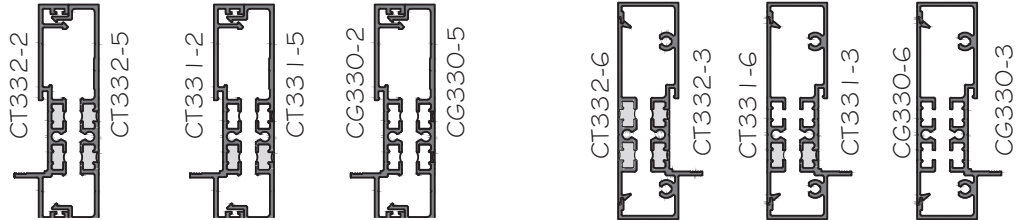
MULLION LOAD CAPACITIES-PSF (WITH OR WITHOUT HORIZONTAL)					
DIMENSIONS		M I W/ & W/O	J I W/	J I W/O	J2,J3 W/ & W/O
HEIGHT INCH	WIDTH (W) INCH	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)
60	36	93	93	81	93
	42	80	80	70	80
	48	70	70	61	70
	54	62	62	54	62
	60	56	56	49	56
	66	51	51	44	51
	72	47	47	41	47
66	36	85	85	67	85
	42	73	73	57	73
	48	64	64	50	64
	54	57	57	45	57
	60	51	51	40	51
	66	46	46	37	46
	72	42	42	34	42
72	36	78	78	56	78
	42	67	67	48	67
	48	58	58	42	58
	54	52	52	38	52
	60	47	47	34	47
	66	42	42	31	42
	72	39	39	28	39
78	36	72	72	48	72
	42	62	62	41	62
	48	54	54	36	54
	54	48	48	32	48
	60	43	43	29	43
	66	39	39	26	39
	72	36	36	24	36

MULLION LOAD CAPACITIES-PSF (WITH OR WITHOUT HORIZONTAL)					
DIMENSIONS		M I W/ & W/O	J I W/	J I W/O	J2,J3 W/ & W/O
HEIGHT INCH	WIDTH (W) INCH	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)	EXT(+) INT(-)
84	36	67	67	41	67
	42	57	57	35	57
	48	50	50	31	50
	54	44	44	28	44
	60	40	40	25	40
	66	36	36	23	36
90	36	62	59	36	62
	42	53	50	31	53
	48	47	44	27	47
	54	41	39	24	41
	60	37	35	22	37
	66	36	35	22	37
96	36	58	52	32	58
	42	50	44	27	50
	48	44	39	24	44
	54	39	34	21	39
	60	35	31	19	35
	66	35	31	19	35
102	36	52	46	-	52
	42	44	39	-	44
	48	39	34	-	39
	54	34	31	-	34
	60	35	31	-	35
	66	35	31	-	35
108	36	45	41	-	46
	42	38	35	-	40
	48	33	31	-	35
114	36	38	37	-	41
	42	33	31	-	35
	48	28	28	-	31
120	36	33	33	-	37
	42	28	28	-	32
	48	24	25	-	28



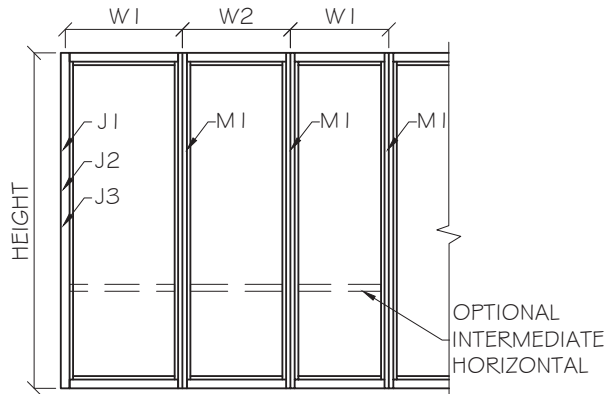
M I	
1x IN ^ 4	5x IN ^ 3
3.2013	1.3285

J I	
1x IN ^ 4	5x IN ^ 3
2.0344	0.8405



J3	
1x IN ^ 4	5x IN ^ 3
3.1017	1.3306

J2	
1x IN ^ 4	5x IN ^ 3
2.5044	1.0347



MULLION WIDTH (W) = $\frac{W1 + W2}{2}$

JAMB WIDTH (W) = W1



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PRODUCT:

Series CG330/
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ALUMINUM STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

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STAMP:

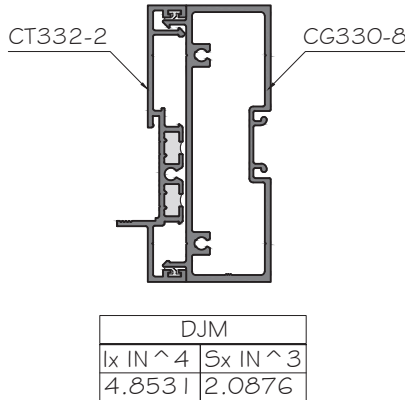
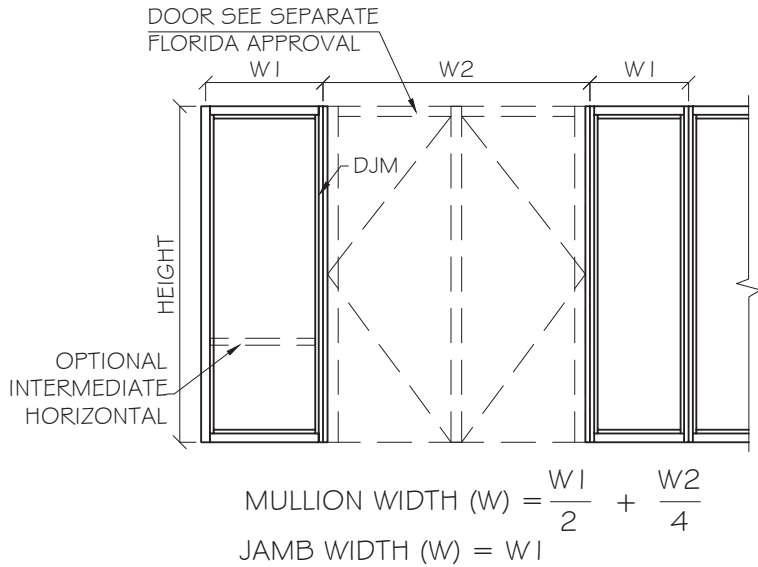
YIPING WANG, P.E.
FLORIDA REGISTRATION
No 55983
August 01st, 2023

FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: M1
DATE:08.01.23	03 OF 18
DWG: AD22-01	

DOOR JAMB MULLION LOAD CAPACITIES -PSF (WITH OR WITHOUT HORIZONTAL)			DOOR JAMB MULLION LOAD CAPACITIES -PSF (WITH OR WITHOUT HORIZONTAL)		
DIMENSIONS		DJM	DIMENSIONS		DJM
HEIGHT INCH	MULLION WIDTH (W) INCH	EXT(+) INT(-)	HEIGHT INCH	MULLION WIDTH (W) INCH	EXT(+) INT(-)
78	36	68	108	36	49
	42	58		42	42
	48	51		48	37
	54	45		54	33
	60	41		60	29
	66	37		66	27
	72	34		36	46
84	36	63	114	42	40
	42	54		48	35
	48	47		54	31
	54	42		60	28
	60	38		66	25
	66	34	120	36	44
	72	32		42	38
90	36	59		48	33
	42	50		54	29
	48	44		60	26
	54	39	126	36	42
	60	35		42	36
	66	32		48	32
	72	29		54	28
96	36	55		60	25
	42	47	132	36	37
	48	41		42	32
	54	37		48	28
	60	33		54	25
	66	30	138	36	37
	72	28		42	32
102	36	52		48	28
	42	44	144	36	29
	48	39		42	24
	54	35		48	21
	60	31			
	66	28			
	72	26			



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PEACHTREE CITY, GA 30269
p. 800-432-8132

PRODUCT:

Series CG330/
CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI



REVN	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

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STAMP:



August 01st, 2023

FLORIDA APPROVAL:

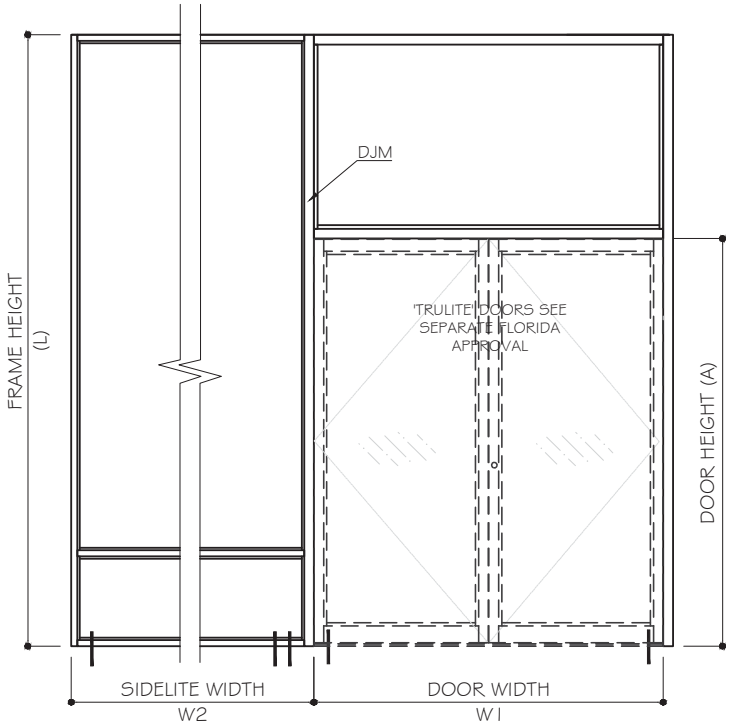
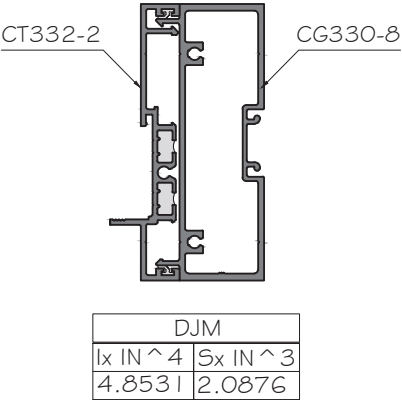
FL40704

DRAWN: James	DRAWING No: M2
DATE:08.01.23	04 OF 18
DWG: AD22-01	

DOOR JAMB MULLION LOAD CAPACITY (DJM)				
WINDOW PANEL DIMENSION (INCH)				
FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)
108.0	84.0	60.0	24.0	45.0
			30.0	42.0
			36.0	39.0
			42.0	37.0
			48.0	35.0
			54.0	33.0
			60.0	31.0
			24.0	42.0
		66.0	30.0	40.0
			36.0	37.0
			42.0	35.0
			48.0	33.0
			54.0	31.0
			60.0	29.0
			24.0	40.0
		72.0	30.0	37.0
			36.0	35.0
			42.0	33.0
			48.0	31.0
			54.0	30.0
			60.0	28.0
			24.0	38.0
		78.0	30.0	35.0
			36.0	33.0
			42.0	31.0
			48.0	30.0
			54.0	28.0
			60.0	27.0
	90.0	60.0	24.0	44.0
			30.0	41.0
			36.0	39.0
			42.0	36.0
			48.0	34.0
			54.0	32.0
			60.0	30.0
			24.0	42.0
		66.0	30.0	39.0
			36.0	36.0
			42.0	34.0
			48.0	32.0
			54.0	31.0
			60.0	29.0
			24.0	39.0
		72.0	30.0	36.0
			36.0	34.0
			42.0	32.0
			48.0	31.0
			54.0	29.0
			60.0	28.0
			24.0	37.0
		78.0	30.0	34.0
			36.0	33.0
			42.0	31.0
			48.0	29.0
			54.0	28.0
			60.0	27.0

DOOR JAMB MULLION LOAD CAPACITY (DJM)				
WINDOW PANEL DIMENSION (INCH)				
FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)
114.0	84.0	60.0	24.0	44.0
			30.0	40.0
			36.0	38.0
			42.0	35.0
			48.0	33.0
			54.0	31.0
			60.0	30.0
			24.0	41.0
		66.0	30.0	38.0
			36.0	36.0
			42.0	33.0
			48.0	31.0
			54.0	30.0
			60.0	28.0
			24.0	38.0
		72.0	30.0	36.0
			36.0	34.0
			42.0	32.0
			48.0	30.0
			54.0	28.0
			60.0	27.0
			24.0	36.0
		78.0	30.0	34.0
			36.0	32.0
			42.0	30.0
			48.0	29.0
			54.0	27.0
			60.0	26.0
	90.0	60.0	24.0	43.0
			30.0	40.0
			36.0	37.0
			42.0	35.0
			48.0	33.0
			54.0	31.0
			60.0	29.0
			24.0	40.0
		66.0	30.0	37.0
			36.0	35.0
			42.0	33.0
			48.0	31.0
			54.0	29.0
			60.0	28.0
			24.0	38.0
		72.0	30.0	35.0
			36.0	33.0
			42.0	31.0
			48.0	29.0
			54.0	28.0
			60.0	27.0
			24.0	35.0
		78.0	30.0	33.0
			36.0	31.0
			42.0	30.0
			48.0	28.0
			54.0	27.0
			60.0	25.0

DOOR JAMB MULLION LOAD CAPACITY (DJM)				
WINDOW PANEL DIMENSION (INCH)				
FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)
114.0	96.0	60.0	24.0	42.0
			30.0	39.0
			36.0	36.0
			42.0	34.0
			48.0	32.0
			54.0	30.0
			60.0	29.0
			24.0	39.0
		66.0	30.0	37.0
			36.0	34.0
			42.0	32.0
			48.0	30.0
			54.0	29.0
			60.0	27.0
			24.0	37.0
		72.0	30.0	34.0
			36.0	32.0
			42.0	31.0
			48.0	29.0
			54.0	27.0
			60.0	26.0
			24.0	35.0
		78.0	30.0	33.0
			36.0	31.0
			42.0	29.0
			48.0	28.0
			54.0	26.0
			60.0	25.0



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PRODUCT:

Series CG330/
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ALUMINUM STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

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STAMP:

YIPING WANG, P.E.
FLORIDA REGISTRATION
No 55983
August 01st, 2023

FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: M3
DATE:08.01.23	05 OF 18
DWG: AD22-01	

DOOR JAMB MULLION LOAD CAPACITY (DJM)					DOOR JAMB MULLION LOAD CAPACITY (DJM)					DOOR JAMB MULLION LOAD CAPACITY (DJM)					DOOR JAMB MULLION LOAD CAPACITY (DJM)				
WINDOW PANEL DIMENSION (INCH)					WINDOW PANEL DIMENSION (INCH)					WINDOW PANEL DIMENSION (INCH)					WINDOW PANEL DIMENSION (INCH)				
FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)
120.0	84.0	60.0	24.0	42.0	120.0	96.0	60.0	24.0	40.0	126.0	84.0	60.0	24.0	40.0	126.0	96.0	60.0	24.0	39.0
			30.0	39.0				30.0	38.0				30.0	37.0				30.0	36.0
			36.0	36.0				36.0	35.0				36.0	35.0				36.0	34.0
			42.0	34.0				42.0	33.0				42.0	32.0				42.0	32.0
			48.0	32.0				48.0	31.0				48.0	30.0				48.0	30.0
			54.0	30.0				54.0	29.0				54.0	28.0				54.0	28.0
			60.0	28.0				60.0	28.0				60.0	27.0				60.0	26.0
		66.0	24.0	39.0			66.0	24.0	38.0			66.0	24.0	38.0			66.0	24.0	37.0
			30.0	37.0				30.0	35.0				30.0	35.0				30.0	34.0
			36.0	34.0				36.0	33.0				36.0	33.0				36.0	32.0
			42.0	32.0				42.0	31.0				42.0	31.0				42.0	30.0
			48.0	30.0				48.0	29.0				48.0	29.0				48.0	28.0
			54.0	29.0				54.0	28.0				54.0	27.0				54.0	27.0
			60.0	27.0				60.0	26.0				60.0	26.0				60.0	25.0
		72.0	24.0	37.0			72.0	24.0	35.0			72.0	24.0	35.0			72.0	24.0	34.0
			30.0	35.0				30.0	33.0				30.0	33.0				30.0	32.0
			36.0	32.0				36.0	31.0				36.0	31.0				36.0	30.0
			42.0	30.0				42.0	29.0				42.0	29.0				42.0	28.0
			48.0	29.0				48.0	28.0				48.0	28.0				48.0	27.0
			54.0	27.0				54.0	26.0				54.0	26.0				54.0	25.0
			60.0	26.0				60.0	25.0				60.0	25.0				60.0	24.0
		78.0	24.0	35.0			78.0	24.0	33.0			78.0	24.0	33.0			78.0	24.0	32.0
			30.0	33.0				30.0	31.0				30.0	31.0				30.0	30.0
			36.0	31.0				36.0	30.0				36.0	29.0				36.0	29.0
			42.0	29.0				42.0	28.0				42.0	28.0				42.0	27.0
			48.0	27.0				48.0	27.0				48.0	26.0				48.0	26.0
			54.0	26.0				54.0	25.0				54.0	25.0				54.0	24.0
	90.0	60.0	24.0	41.0		102.0	60.0	24.0	40.0		90.0	60.0	24.0	40.0		102.0	60.0	24.0	38.0
			30.0	38.0				30.0	37.0				30.0	37.0				30.0	36.0
			36.0	36.0				36.0	34.0				36.0	34.0				36.0	34.0
			42.0	33.0				42.0	32.0				42.0	32.0				42.0	31.0
			48.0	31.0				48.0	30.0				48.0	30.0				48.0	29.0
			54.0	30.0				54.0	29.0				54.0	28.0				54.0	28.0
			60.0	28.0				60.0	27.0				60.0	27.0				60.0	26.0
		66.0	24.0	39.0			66.0	24.0	37.0			66.0	24.0	37.0			66.0	24.0	36.0
			30.0	36.0				30.0	35.0				30.0	35.0				30.0	33.0
			36.0	34.0				36.0	32.0				36.0	32.0				36.0	31.0
			42.0	32.0				42.0	31.0				42.0	30.0				42.0	30.0
			48.0	30.0				48.0	29.0				48.0	29.0				48.0	28.0
			54.0	28.0				54.0	27.0				54.0	27.0				54.0	26.0
			60.0	27.0				60.0	26.0				60.0	26.0				60.0	25.0
		72.0	24.0	36.0			72.0	24.0	35.0			72.0	24.0	35.0			72.0	24.0	34.0
			30.0	34.0				30.0	33.0				30.0	33.0				30.0	31.0
			36.0	32.0				36.0	31.0				36.0	31.0				36.0	30.0
			42.0	30.0				42.0	29.0				42.0	29.0				42.0	28.0
			48.0	28.0				48.0	27.0				48.0	27.0				48.0	26.0
			54.0	27.0				54.0	26.0				54.0	26.0				54.0	25.0
			60.0	25.0				60.0	25.0				60.0	25.0				60.0	24.0
		78.0	24.0	34.0			78.0	24.0	33.0			78.0	24.0	33.0			78.0	24.0	32.0
			30.0	32.0				30.0	31.0				30.0	31.0				30.0	30.0
			36.0	30.0				36.0	29.0				36.0	29.0				36.0	28.0
			42.0	28.0				42.0	27.0				42.0	27.0				42.0	27.0
			48.0	27.0				48.0	26.0				48.0	26.0				48.0	25.0
			54.0	26.0				54.0	25.0				54.0	25.0				54.0	24.0



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PRODUCT SERIES

REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

12781 MIRAMAR PARKWAY #301
MIRAMAR FL33027
P: 305.271.0117
mcy@mcyengineering.com
www.MCYEngineering.com

STAMP:



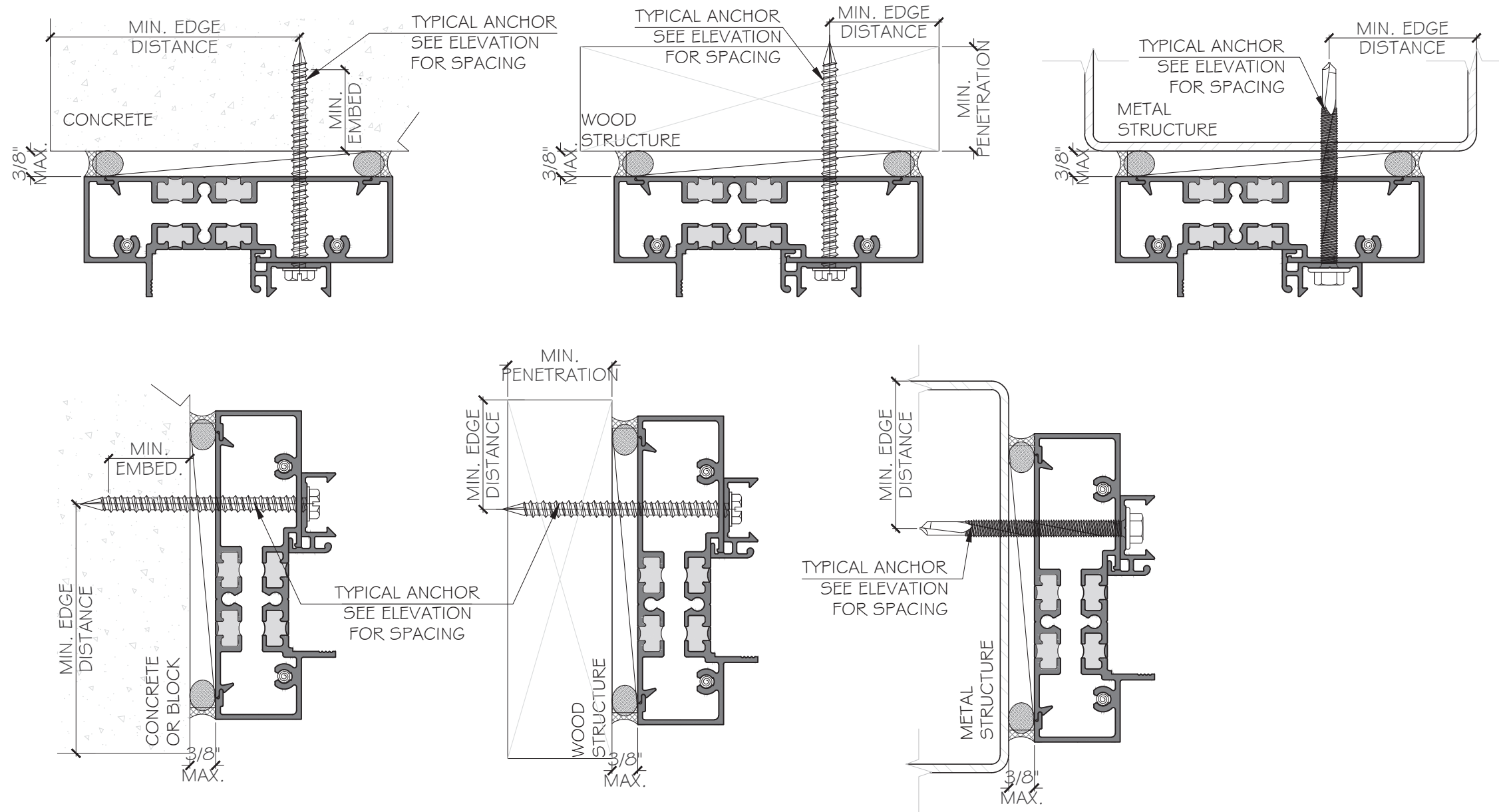
August 01st, 2023

FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: M4
DATE:08.01.23	06 OF 18
DWG: AD22-01	

DOOR JAMB MULLION LOAD CAPACITY (DJM)					DOOR JAMB MULLION LOAD CAPACITY (DJM)					DOOR JAMB MULLION LOAD CAPACITY (DJM)					DOOR JAMB MULLION LOAD CAPACITY (DJM)					
WINDOW PANEL DIMENSION (INCH)					WINDOW PANEL DIMENSION (INCH)					WINDOW PANEL DIMENSION (INCH)					WINDOW PANEL DIMENSION (INCH)					
FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	FRAME HEIGHT (L)	DOOR HEIGHT (A)	DOOR WIDTH (W1)	SIDELITE WIDTH (W2)	Pd (PSF) EXT(+) INT(-)	
132.0	84.0	60.0	24.0	36.0	132.0	96.0	60.0	24.0	38.0	138.0	84.0	60.0	60.0	24.0	29	144.0	84.0	60.0	24.0	24
			30.0	33.0				30.0	35.0				30.0	27	30.0				23	
			36.0	31.0				36.0	33.0				36.0	25	36.0				22	
			42.0	29.0				42.0	30.0				42.0	24	42.0				20	
			48.0	27.0				48.0	29.0				48.0	22	48.0				19	
			54.0	26.0				54.0	27.0				54.0	21	24.0				23	
			60.0	24.0				60.0	25.0			66.0	24.0	27	30.0				22	
		66.0	24.0	33.0			66.0	24.0	35.0				30.0	25	36.0				20	
			30.0	31.0				30.0	33.0				36.0	24	42.0				19	
			36.0	29.0				36.0	31.0				42.0	23	24.0				22	
			42.0	27.0				42.0	29.0				48.0	21	30.0				20	
			48.0	26.0				48.0	27.0			72.0	24.0	25	36.0				19	
			54.0	25.0				54.0	26.0				30.0	24	24.0				26	
			24.0	31.0			72.0	24.0	33.0				36.0	23	30.0				23	
		72.0	30.0	29.0				30.0	31.0				42.0	21	36.0				23	
			36.0	28.0				42.0	27.0				48.0	20	42.0				21	
			42.0	26.0				48.0	26.0				36.0	26	48.0				20	
			48.0	25.0				48.0	26.0				42.0	25	24.0				24	
		78.0	24.0	29.0		78.0		24.0	31.0				48.0	22	30.0				23	
			30.0	28.0				30.0	29.0				54.0	22	36.0				23	
			36.0	26.0				36.0	28.0				36.0	23	42.0				20	
			42.0	25.0				42.0	26.0			90.0	24.0	28	24.0				23	
	90.0	60.0	24.0	37.0		102.0	60.0	24.0	37.0				30.0	26	30.0				21	
			30.0	34.0				30.0	34.0				36.0	25	36.0				20	
			36.0	32.0				36.0	32.0				42.0	23	24.0				27	
			42.0	30.0				42.0	30.0				48.0	22	30.0				24	
			48.0	28.0				48.0	28.0				48.0	22	36.0				23	
			54.0	27.0				54.0	27.0				30.0	25	42.0				22	
			60.0	25.0				60.0	25.0				36.0	23	48.0				20	
		66.0	24.0	35.0			66.0	24.0	35.0				42.0	22	24.0				25	
			30.0	32.0				30.0	32.0				30.0	29	30.0				23	
			36.0	30.0				36.0	30.0				36.0	27	36.0				22	
			42.0	28.0				42.0	28.0				42.0	25	42.0				21	
			48.0	27.0				48.0	27.0				48.0	24	24.0				23	
			54.0	25.0				54.0	25.0				54.0	22	30.0				22	
		72.0	24.0	33.0			72.0	24.0	33.0				54.0	22	36.0				21	
			30.0	30.0				30.0	30.0				66.0	24.0	24.0				28	
			36.0	29.0				36.0	29.0				30.0	27	30.0				26	
			42.0	27.0				42.0	27.0				36.0	25	36.0				23	
		78.0	24.0	31.0			78.0	24.0	31.0				42.0	24	42.0				23	
			30.0	29.0				30.0	29.0				48.0	23	48.0				21	
			36.0	27.0				36.0	27.0				72.0	24.0	24.0				26	
			42.0	26.0				42.0	26.0				30.0	25	30.0				24	
	84.0	60.0	24.0	36.0		96.0	60.0	24.0	38.0		90.0	60.0	60.0	24.0	29		90.0	66.0	24.0	24
			30.0	33.0				30.0	35.0				30.0	27	30.0				23	
			36.0	31.0				36.0	33.0				36.0	25	36.0				22	
			42.0	29.0				42.0	30.0				42.0	24	42.0				20	
			48.0	27.0				48.0	29.0				48.0	22	48.0				19	
			54.0	26.0				54.0	27.0				54.0	21	24.0				23	
			60.0	24.0				60.0	25.0			66.0	24.0	27	30.0				22	
		66.0	24.0	33.0			66.0	24.0	35.0				30.0	25	36.0				20	
			30.0	31.0				30.0	33.0				36.0	24	42.0				19	
			36.0	29.0				36.0	31.0				42.0	23	24.0				22	
			42.0	27.0				42.0	29.0				48.0	21	30.0				20	
			48.0	26.0				48.0	27.0			72.0	24.0	25	36.0				19	
			54.0	25.0				54.0	26.0				30.0	24	24.0				26	
			24.0	31.0			72.0	24.0	33.0				36.0	23	30.0				23	
		72.0	30.0	29.0				30.0	31.0				42.0	21	36.0				23	
			36.0	28.0				42.0	27.0				48.0	20	42.0				21	
			42.0	26.0				48.0	26.0				36.0	26	48.0				20	
			48.0	25.0				48.0	26.0				42.0	25	24.0				24	
		78.0	24.0	29.0		78.0		24.0	31.0				48.0	22	30.0				23	
			30.0	28.0				30.0	29.0				54.0	22	36.0				23	
			36.0	26.0				36.0	28.0				36.0	23	42.0				20	
			42.0	25.0				42.0	26.0			90.0	24.0	28	24.0				23	
	90.0	60.0	24.0	37.0		102.0	60.0	24.0	37.0				30.0							



ANCHOR TYPES: (SEE ELEVATIONS FOR SPACING)

ANCHOR TYPE 'A' - 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u = 164\text{KSI}$, $F_y = 148\text{KSI}$)
 OR 1/4" ITW TAPCON ($F_u = 125\text{KSI}$, $F_y = 100\text{KSI}$)
 INTO WOOD WOOD STRUCTURE
 WITH 1 1/2" MIN. PENETRATION INTO WOOD

ANCHOR TYPE 'B' - 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u = 164\text{KSI}$, $F_y = 148\text{KSI}$)
 OR 1/4" ITW TAPCON ($F_u = 125\text{KSI}$, $F_y = 100\text{KSI}$)
 DIRECTLY INTO CONCRETE OR BLOCKS
 1 3/4" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMBS)
 1 1/4" MIN. EMBED INTO HOLLOW (JAMB ONLY)
 1 3/4" GROUT FILLED BLOCKS (JAMB ONLY)

ANCHOR TYPE 'C' - 1/4" DIA. SMS SCREW ($F_u = 74\text{KSI}$, $F_y = 57\text{KSI}$)
 ANCHOR TYPE 'D' - 1/4" DRIL FLEX (GRADE 5) ($F_u = 120\text{KSI}$, $F_y = 92\text{KSI}$)
 INTO FBC APPROVED MULLIONS (1/8" THK. MIN.)
 OR INTO METAL STRUCTURES, STEEL: 1/8" THK. MIN. (A36 MIN.)
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE OR BLOCKS = 2-1/2" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 CONCRETE AT HEAD, SILL OR JAMB $f'_c = 3000\text{PSI}$ MIN.
 BLOCK AT JAMBS $f'_m = 2000\text{PSI}$ MIN.

NOTE:
 METAL STRUCTURE BY OTHERS MUST BE DESIGNED
 AND ANCHORED PROPERLY TO SUSTAIN LOADS
 IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM
 TO THE BUILDING STRUCTURE.

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Resistor
 PRODUCT SERIES

REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
 GLAZING CONSULTANT
 12781 MIRAMAR PARKWAY #301
 MIRAMAR FL33027
 P: 305.271.0117
mcy@mcyengineering.com
www.MCYEngineering.com

STAMP:
 YIPING WANG, P.E.
 FLORIDA REGISTRATION
 No 55983

 August 01st, 2023

FLORIDA APPROVAL:
 FL40704

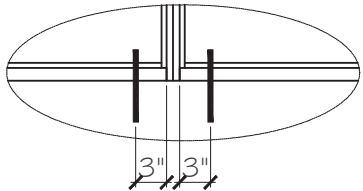
DRAWN: James	DRAWING No: A1
DATE: 08.01.23	08 OF 18
DWG: AD22-01	

ANCHOR LOAD CAPACITY-PSF EXT.(+) & INT.(-)						
NOMINAL DIMENSIONS		3/8" SHIM		1/4" SHIM	3/8" SHIM	
FRAME HEIGHT (IN)	TRIB. WIDTH (IN)	A1	A2	B1	B1	B2
72.0	36.0	44.0	88.0	85.0	44.0	89.0
	42.0	38.0	75.0	73.0	38.0	76.0
	48.0	33.0	66.0	64.0	33.0	67.0
	54.0	29.0	58.0	57.0	30.0	59.0
	60.0	26.0	53.0	51.0	27.0	53.0
	66.0	24.0	48.0	46.0	24.0	48.0
	72.0	22.0	44.0	42.0	22.0	44.0
78.0	36.0	40.0	81.0	78.0	41.0	82.0
	42.0	35.0	69.0	67.0	35.0	70.0
	48.0	30.0	61.0	59.0	31.0	62.0
	54.0	27.0	54.0	52.0	27.0	55.0
	60.0	24.0	48.0	47.0	25.0	49.0
	66.0	22.0	44.0	43.0	22.0	45.0
	72.0	20.0	40.0	39.0	21.0	41.0
84.0	36.0	38.0	75.0	73.0	38.0	76.0
	42.0	32.0	64.0	62.0	33.0	65.0
	48.0	28.0	56.0	55.0	29.0	57.0
	54.0	25.0	50.0	49.0	25.0	51.0
	60.0	23.0	45.0	44.0	23.0	46.0
	66.0	20.0	41.0	40.0	21.0	42.0
	72.0	19.0	38.0	36.0	19.0	38.0
90.0	36.0	35.0	70.0	68.0	36.0	71.0
	42.0	30.0	60.0	58.0	30.0	61.0
	48.0	26.0	53.0	51.0	27.0	53.0
	54.0	23.0	47.0	45.0	24.0	47.0
	60.0	21.0	42.0	41.0	21.0	43.0
	66.0	19.0	38.0	37.0	19.0	39.0
	72.0	18.0	35.0	34.0	18.0	36.0
96.0	36.0	33.0	66.0	64.0	33.0	67.0
	42.0	28.0	56.0	55.0	29.0	57.0
	48.0	25.0	49.0	48.0	25.0	50.0
	54.0	22.0	44.0	42.0	22.0	44.0
	60.0	20.0	39.0	38.0	20.0	40.0
	66.0	18.0	36.0	35.0	18.0	36.0
	72.0	16.0	33.0	32.0	17.0	33.0
102.0	36.0	31.0	62.0	60.0	31.0	63.0
	42.0	26.0	53.0	51.0	27.0	54.0
	48.0	23.0	46.0	45.0	24.0	47.0
	54.0	21.0	41.0	40.0	21.0	42.0
	60.0	19.0	37.0	36.0	19.0	38.0
	66.0	17.0	34.0	33.0	17.0	34.0
	72.0	15.0	31.0	30.0	16.0	31.0

ANCHOR LOAD CAPACITY-PSF EXT.(+) & INT.(-)						
NOMINAL DIMENSIONS		3/8" SHIM		1/4" SHIM	3/8" SHIM	
FRAME HEIGHT (IN)	TRIB. WIDTH (IN)	A1	A2	B1	B1	B2
108.0	36.0	29.0	58.0	57.0	30.0	59.0
	42.0	25.0	50.0	49.0	25.0	51.0
	48.0	22.0	44.0	42.0	22.0	44.0
	54.0	19.0	39.0	38.0	20.0	40.0
	60.0	18.0	35.0	34.0	18.0	36.0
	66.0	16.0	32.0	31.0	16.0	32.0
114.0	36.0	28.0	55.0	54.0	28.0	56.0
	42.0	24.0	47.0	46.0	24.0	48.0
	48.0	21.0	41.0	40.0	21.0	42.0
	54.0	18.0	37.0	36.0	19.0	37.0
	60.0	17.0	33.0	32.0	17.0	34.0
	66.0	15.0	30.0	29.0	15.0	31.0
120.0	36.0	26.0	53.0	51.0	27.0	53.0
	42.0	23.0	45.0	44.0	23.0	46.0
	48.0	20.0	39.0	38.0	20.0	40.0
	54.0	18.0	35.0	34.0	18.0	36.0
	60.0	16.0	32.0	31.0	16.0	32.0
	66.0	15.0	30.0	29.0	15.0	30.0
126.0	36.0	25.0	50.0	49.0	25.0	51.0
	42.0	21.0	43.0	42.0	22.0	44.0
	48.0	19.0	38.0	36.0	19.0	38.0
	54.0	17.0	33.0	32.0	17.0	34.0
	60.0	15.0	30.0	29.0	15.0	30.0
	66.0	14.0	28.0	27.0	14.0	28.0
132.0	36.0	24.0	48.0	46.0	24.0	48.0
	42.0	20.0	41.0	40.0	21.0	42.0
	48.0	18.0	36.0	35.0	18.0	36.0
	54.0	16.0	32.0	31.0	16.0	32.0
	60.0	14.0	28.0	27.0	14.0	28.0
	66.0	13.0	26.0	25.0	13.0	26.0
138.0	36.0	23.0	46.0	44.0	23.0	46.0
	42.0	20.0	39.0	38.0	20.0	40.0
	48.0	17.0	34.0	33.0	17.0	35.0
	54.0	15.0	30.0	30.0	15.0	31.0
	60.0	13.0	26.0	25.0	13.0	26.0
	66.0	12.0	24.0	23.0	12.0	24.0
144.0	36.0	22.0	44.0	42.0	22.0	44.0
	42.0	19.0	38.0	36.0	19.0	38.0
	48.0	16.0	33.0	32.0	17.0	33.0
	54.0	14.0	28.0	27.0	14.0	28.0
	60.0	12.0	24.0	23.0	12.0	24.0
	66.0	11.0	22.0	21.0	11.0	22.0

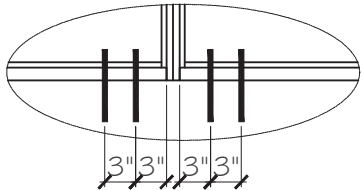
A1 - (1) TYPE "A" ANCHORS AT EACH SIDE OF MULLION OR JAMB
A2 - (2) TYPE "A" ANCHORS AT EACH SIDE OF MULLION OR JAMB

B1 - (1) TYPE "B" ANCHORS AT EACH SIDE OF MULLION OR JAMB
B2 - (2) TYPE "B" ANCHORS AT EACH SIDE OF MULLION OR JAMB



A1, B1

ANCHOR THRU FRAME



A2, B2

ANCHOR THRU FRAME



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CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI



REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

12781 MIRAMAR PARKWAY #301
MIRAMAR FL33027
P: 305.271.0117
mcy@mcyengineering.com
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August 01st, 2023

FLORIDA APPROVAL:

FL40704

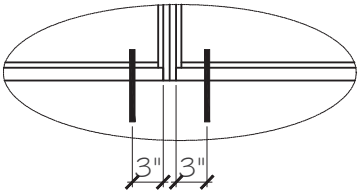
DRAWN: James	DRAWING No: A2
DATE:08.01.23	09 OF 18
DWG: AD22-01	

ANCHOR LOAD CAPACITY-PSF EXT.(+) & INT.(-)						
NOMINAL DIMENSIONS		1/4" SHIM	3/8" SHIM			
FRAME HEIGHT (IN)	TRIB. WIDTH (IN)	C1/D1	C1	C2	D1	D2
72.0	36.0	78.0	35.0	70.0	57.0	100.0
	42.0	67.0	30.0	60.0	49.0	97.0
	48.0	58.0	26.0	53.0	42.0	85.0
	54.0	52.0	23.0	47.0	38.0	76.0
	60.0	47.0	21.0	42.0	34.0	68.0
	66.0	42.0	19.0	38.0	31.0	62.0
	72.0	39.0	18.0	35.0	28.0	57.0
78.0	36.0	72.0	32.0	65.0	52.0	100.
	42.0	62.0	28.0	56.0	45.0	90.0
	48.0	54.0	24.0	49.0	39.0	78.0
	54.0	48.0	22.0	43.0	35.0	70.0
	60.0	43.0	19.0	39.0	31.0	63.0
	66.0	39.0	18.0	35.0	29.0	57.0
	72.0	36.0	16.0	32.0	26.0	52.0
84.0	36.0	67.0	30.0	60.0	49.0	97.0
	42.0	57.0	26.0	52.0	42.0	83.0
	48.0	50.0	23.0	45.0	36.0	73.0
	54.0	44.0	20.0	40.0	32.0	65.0
	60.0	40.0	18.0	36.0	29.0	58.0
	66.0	36.0	16.0	33.0	26.0	53.0
	72.0	33.0	15.0	30.0	24.0	49.0
90.0	36.0	62.0	28.0	56.0	45.0	91.0
	42.0	53.0	24.0	48.0	39.0	78.0
	48.0	47.0	21.0	42.0	34.0	68.0
	54.0	41.0	19.0	37.0	30.0	60.0
	60.0	37.0	17.0	34.0	27.0	54.0
	66.0	34.0	15.0	31.0	25.0	49.0
	72.0	31.0	14.0	28.0	23.0	45.0
96.0	36.0	58.0	26.0	53.0	42.0	85.0
	42.0	50.0	23.0	45.0	36.0	73.0
	48.0	44.0	20.0	40.0	32.0	64.0
	54.0	39.0	18.0	35.0	28.0	57.0
	60.0	35.0	16.0	32.0	26.0	51.0
	66.0	32.0	14.0	29.0	23.0	46.0
	72.0	29.0	13.0	26.0	21.0	42.0
102.0	36.0	55.0	25.0	50.0	40.0	80.0
	42.0	47.0	21.0	42.0	34.0	69.0
	48.0	41.0	19.0	37.0	30.0	60.0
	54.0	37.0	17.0	33.0	27.0	53.0
	60.0	33.0	15.0	30.0	24.0	48.0
	66.0	30.0	14.0	27.0	22.0	44.0
	72.0	27.0	12.0	25.0	20.0	40.0

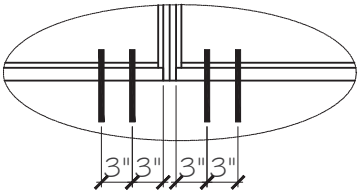
ANCHOR LOAD CAPACITY-PSF EXT.(+) & INT.(-)						
NOMINAL DIMENSIONS		1/4" SHIM	3/8" SHIM			
FRAME HEIGHT (IN)	TRIB. WIDTH (IN)	C1/D1	C1	C2	D1	D2
108.0	36.0	52.0	23.0	47.0	38.0	76.0
	42.0	44.0	20.0	40.0	32.0	65.0
	48.0	39.0	18.0	35.0	28.0	57.0
	54.0	35.0	16.0	31.0	25.0	50.0
	60.0	31.0	14.0	28.0	23.0	45.0
	66.0	28.0	13.0	26.0	21.0	41.0
114.0	36.0	49.0	22.0	44.0	36.0	72.0
	42.0	42.0	19.0	38.0	31.0	61.0
	48.0	37.0	17.0	33.0	27.0	54.0
	54.0	33.0	15.0	30.0	24.0	48.0
	60.0	29.0	13.0	27.0	21.0	43.0
	66.0	27.0	12.0	24.0	20.0	39.0
120.0	36.0	47.0	21.0	42.0	34.0	68.0
	42.0	40.0	18.0	36.0	29.0	58.0
	48.0	35.0	16.0	32.0	26.0	51.0
	54.0	31.0	14.0	28.0	23.0	45.0
	60.0	28.0	13.0	25.0	20.0	41.0
126.0	36.0	44.0	20.0	40.0	32.0	65.0
	42.0	38.0	17.0	34.0	28.0	56.0
	48.0	33.0	15.0	30.0	24.0	49.0
	54.0	30.0	13.0	27.0	22.0	43.0
	60.0	27.0	12.0	24.0	19.0	39.0
132.0	36.0	42.0	19.0	38.0	31.0	62.0
	42.0	36.0	16.0	33.0	26.0	53.0
	48.0	32.0	14.0	29.0	23.0	46.0
	54.0	28.0	13.0	26.0	21.0	41.0
138.0	36.0	41.0	18.0	37.0	30.0	59.0
	42.0	35.0	16.0	31.0	25.0	51.0
	48.0	30.0	14.0	27.0	22.0	44.0
	54.0	27.0	12.0	24.0	20.0	39.0
144.0	36.0	39.0	18.0	35.0	28.0	57.0
	42.0	33.0	15.0	30.0	24.0	49.0
	48.0	29.0	13.0	26.0	21.0	42.0

C1 - (1) TYPE "C" ANCHORS AT EACH SIDE OF MULLION OR JAMB
C2 - (2) TYPE "C" ANCHORS AT EACH SIDE OF MULLION OR JAMB

D1 - (1) TYPE "D" ANCHORS AT EACH SIDE OF MULLION OR JAMB
D2 - (2) TYPE "D" ANCHORS AT EACH SIDE OF MULLION OR JAMB



C1, D1
ANCHOR THRU FRAME



C2, D2
ANCHOR THRU FRAME



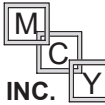
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PRODUCT:

Series CG330/
CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI



REVN	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

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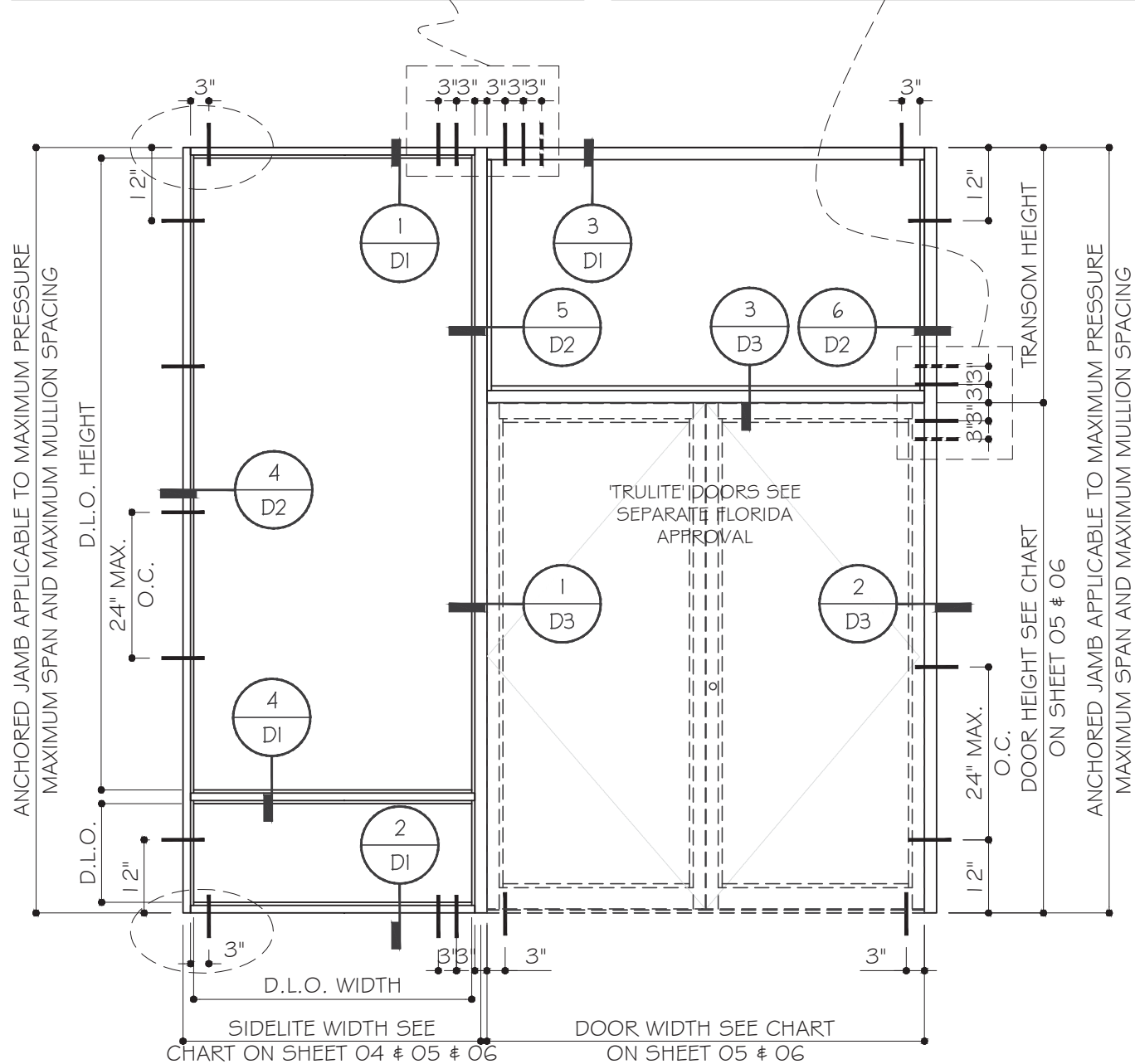
August 01st, 2023

FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: A3
DATE:08.01.23	10 OF 18
DWG: AD22-01	

ANCHOR TYPE	SHIM SPACE	NO. OF ANCHORS AT DJM TOP	ANCHOR TYPE	SHIM SPACE	NO. OF ANCHORS AT THE END OF TRANSOM MULLION
A/B	3/8"	4	A/B	3/8"	3
B	1/4"	3	B	1/4"	2
C/D	1/4"	3	C/D	1/4"	2
C	3/8"	5	C	3/8"	4
D	3/8"	3	D	3/8"	2



ANCHOR REQUIREMENT FOR DJM & TRANSOM MULLION
SEE SHEET A1 FOR ANCHOR OPTIONS



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Series CG330/
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PRODUCT SERIES

REVN	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

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www.MCYEngineering.com

STAMP:

YIPING WANG, P.E.
FLORIDA REGISTRATION
No 55983
PE 455983
E.N. 28697

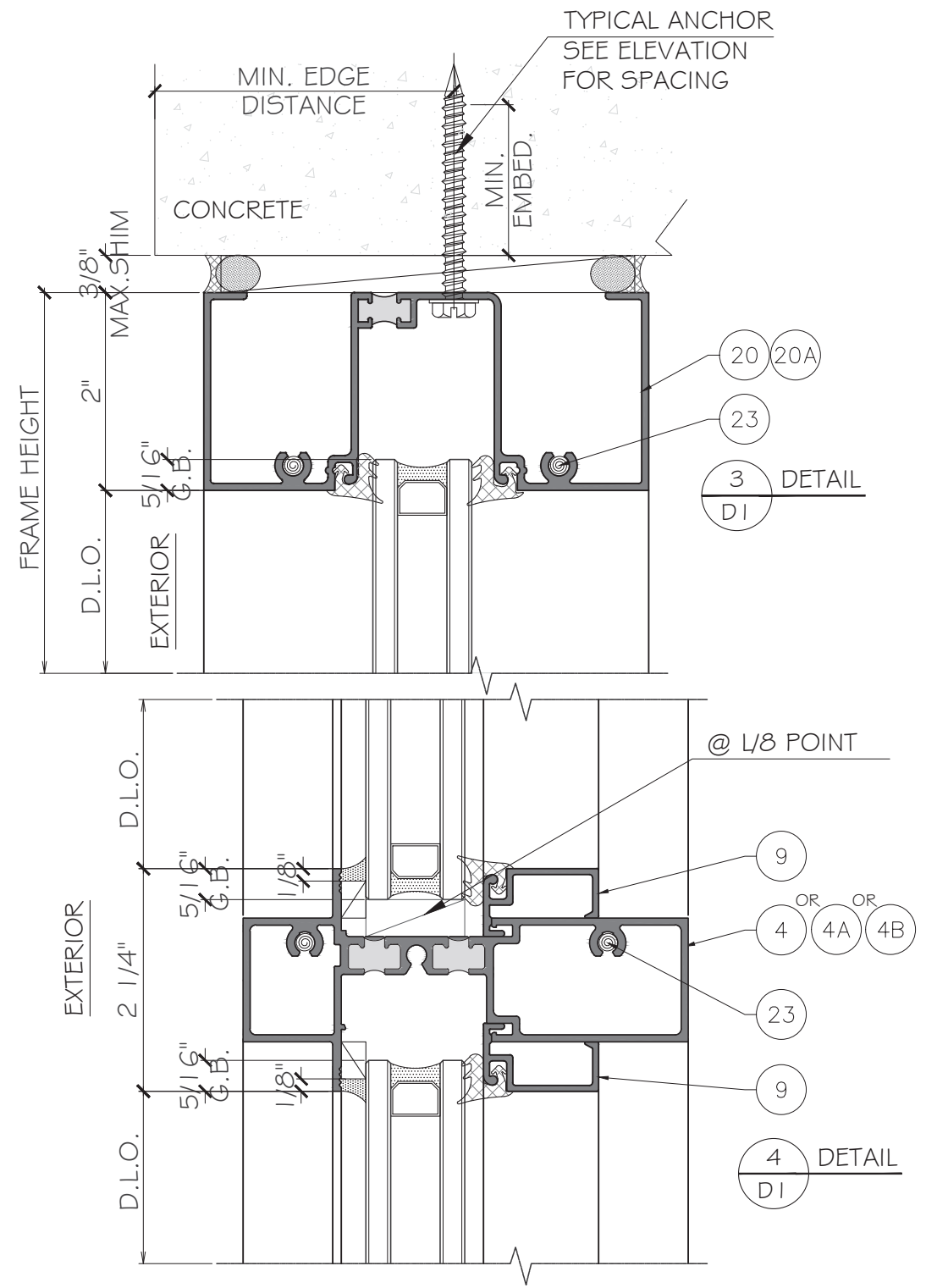
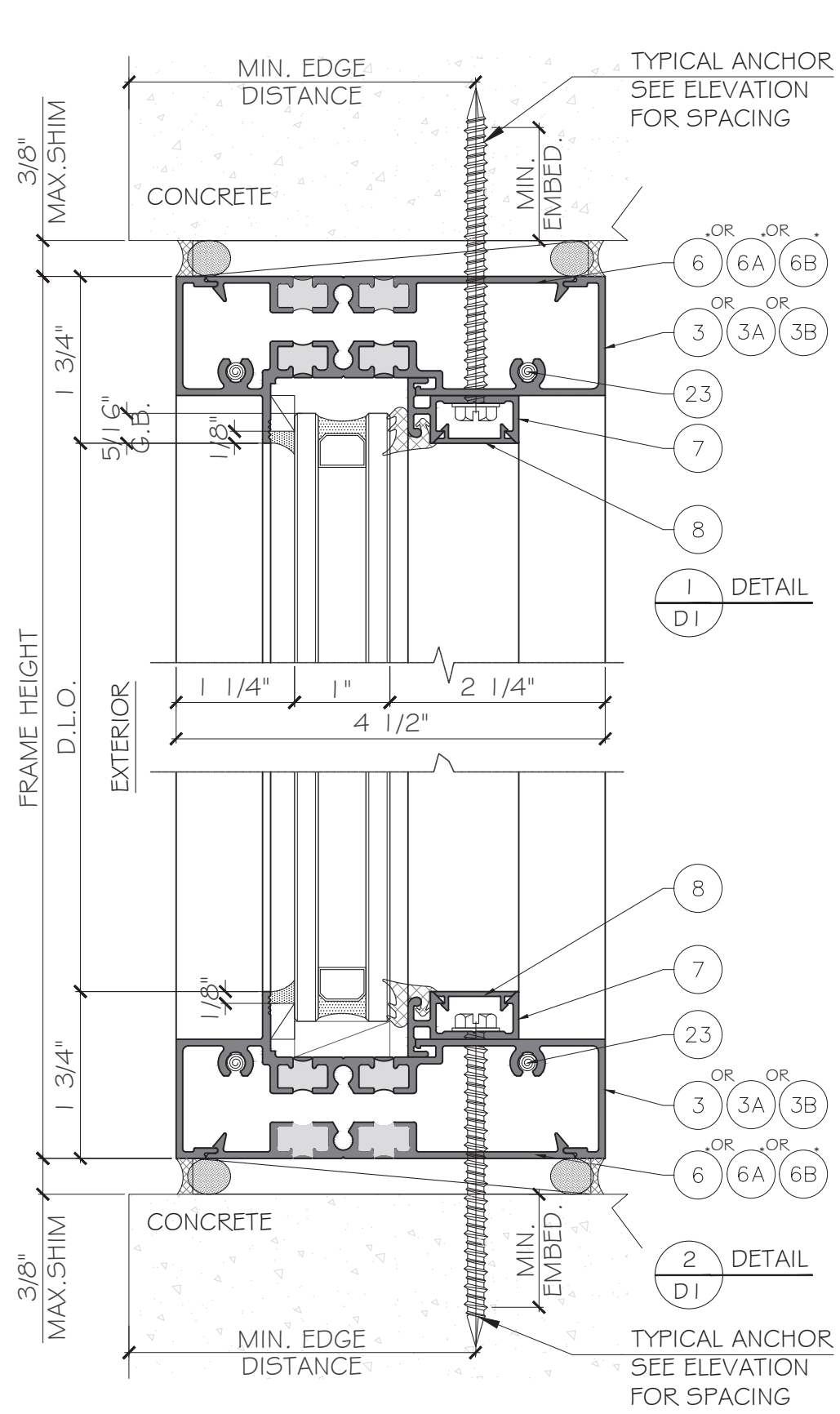


August 01st, 2023

FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: A4
DATE:08.01.23	11 OF 18
DWG: AD22-01	



*NOTE:
PART 6 6A 6B 6" LONG (MIN.),
ONLY USED AT ANCHOR
LOCATION.

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PRODUCT:

Series CG330/
CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

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STAMP:

YIPING WANG, P.E.
FLORIDA REGISTRATION
No 55983
August 01st, 2023

FLORIDA APPROVAL:

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DRAWN: James	DRAWING No: D1
DATE: 08.01.23	12 OF 18
DWG: AD22-01	



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PRODUCT:

Series CG330/
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WALL - NI


Resistor
 PRODUCT SERIES

ENGINEER:

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STAMP:

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PE #55983
CAN. 28677

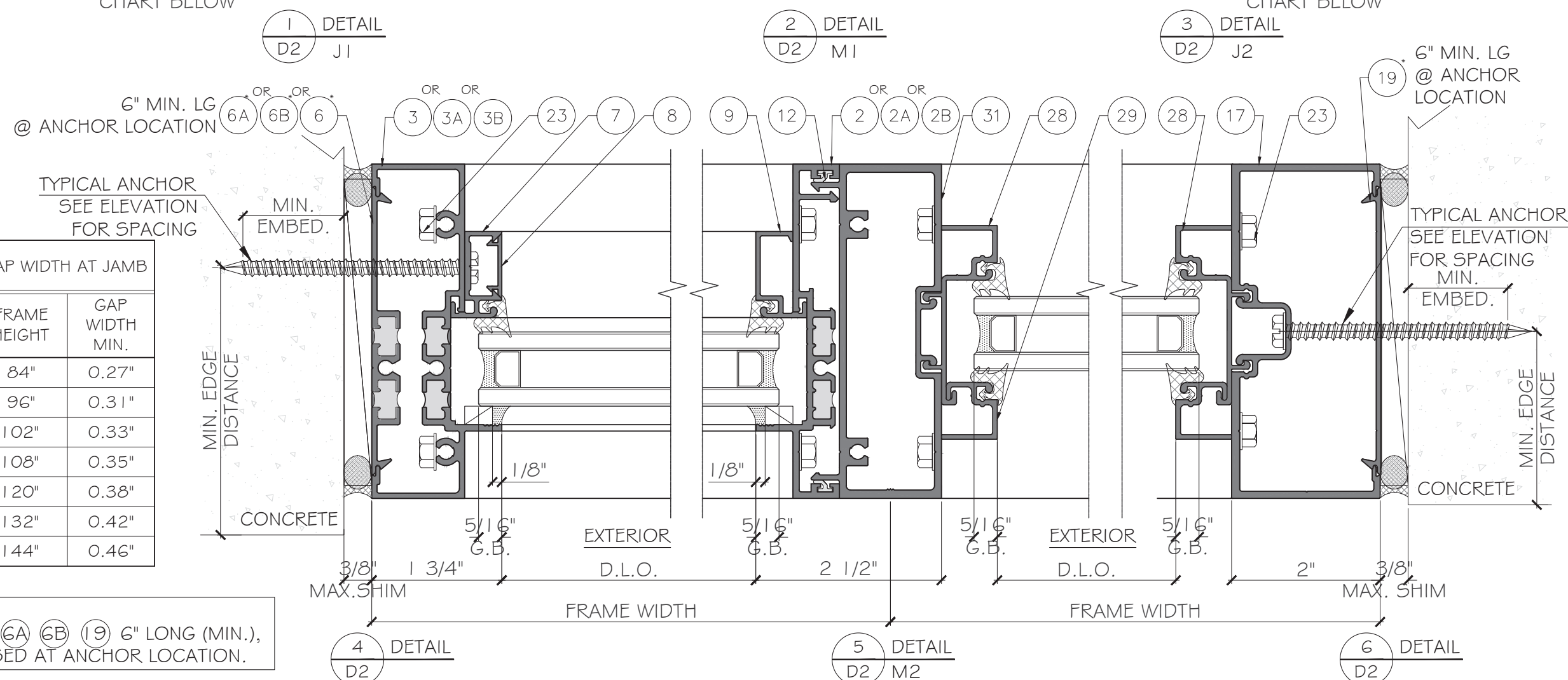
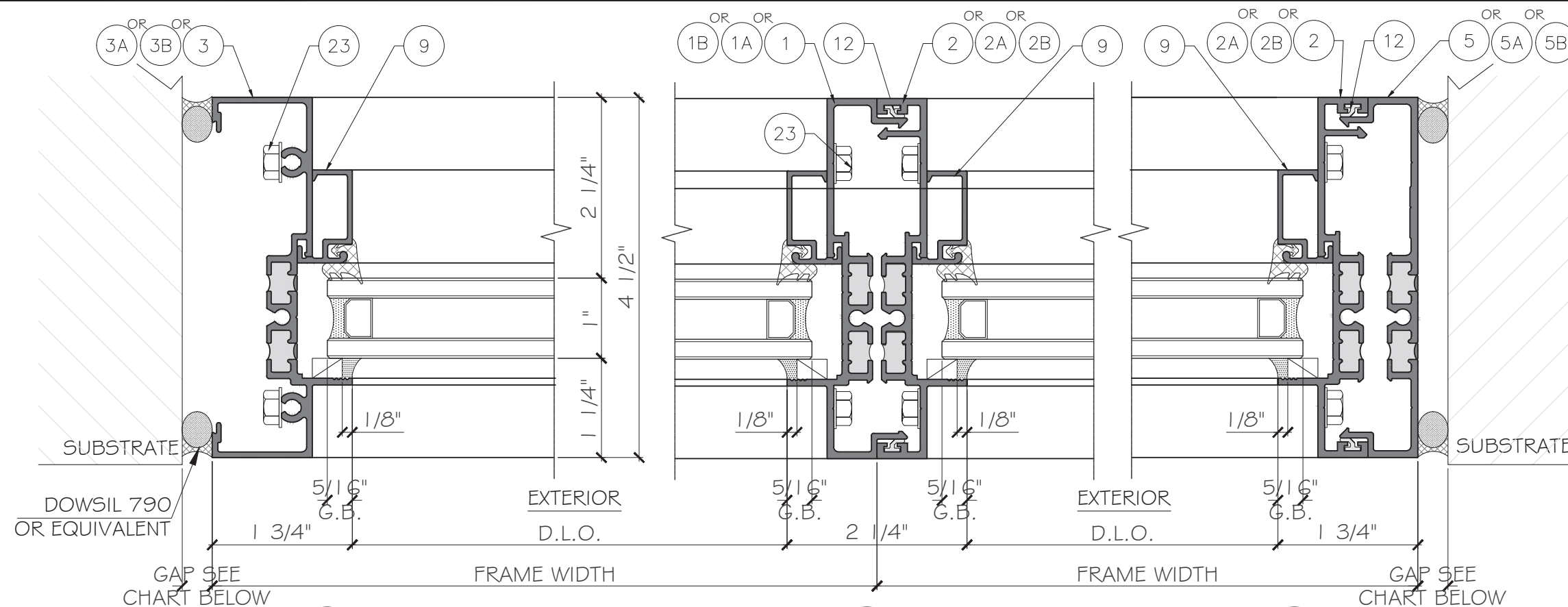


August 01st, 2023

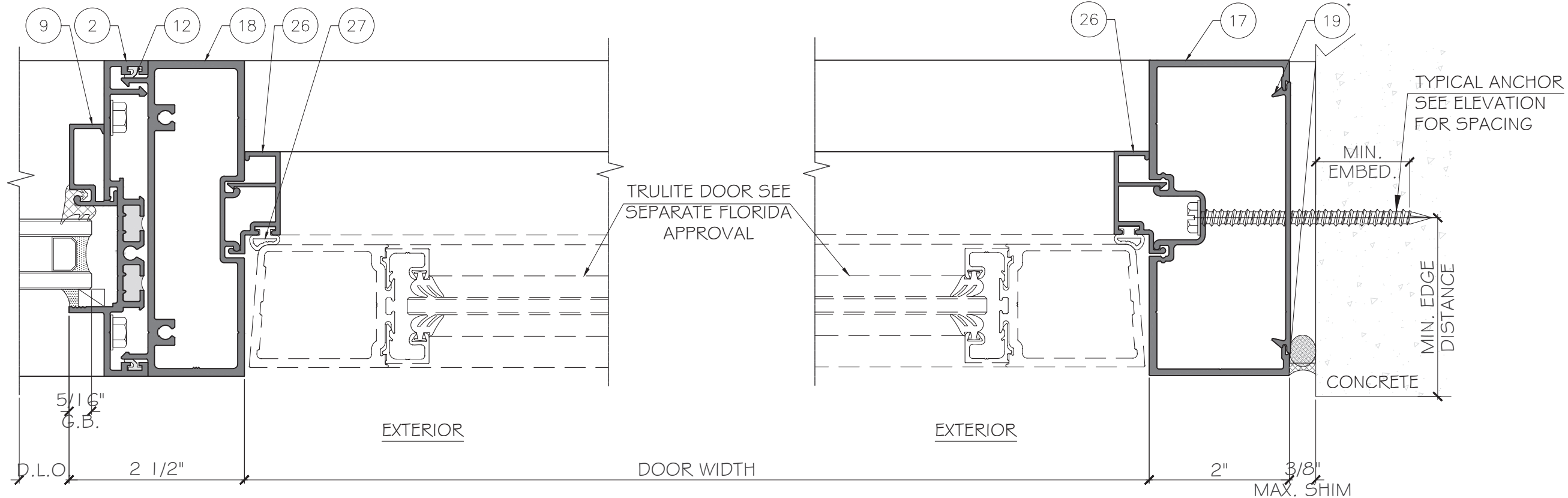
FLORIDA APPROVAL:

FL40704

DRAWN: James	DRAWING No: D2
DATE:08.01.23	13 OF 18
DWG: AD22-01	



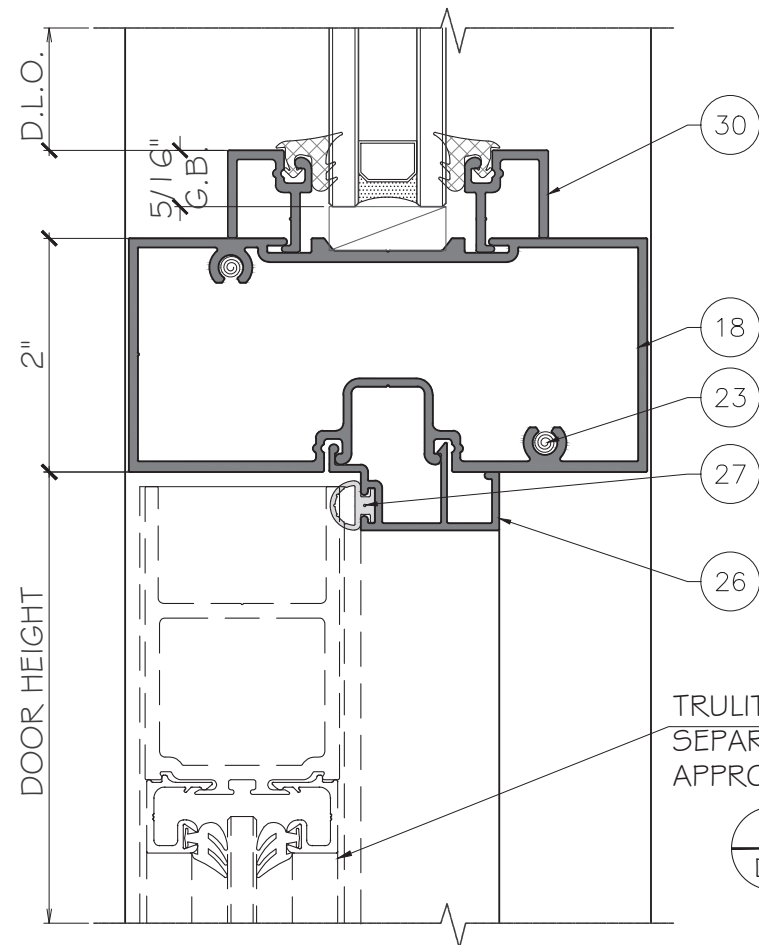
*NOTE:
PART 6 6A 6B 19 6" LONG (MIN.),
ONLY USED AT ANCHOR LOCATION.



1
D3
DETAIL
DJM

*NOTE:
PART 19 6" LONG MIN. ONLY
USED AT ANCHOR LOCATION.

2
D3
DETAIL



3
D3
DETAIL

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PRODUCT:

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ALUMINUM STOREFRONT
WALL - NI**

Resistor
PRODUCT SERIES

REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:

MCY ENGINEERING, INC.
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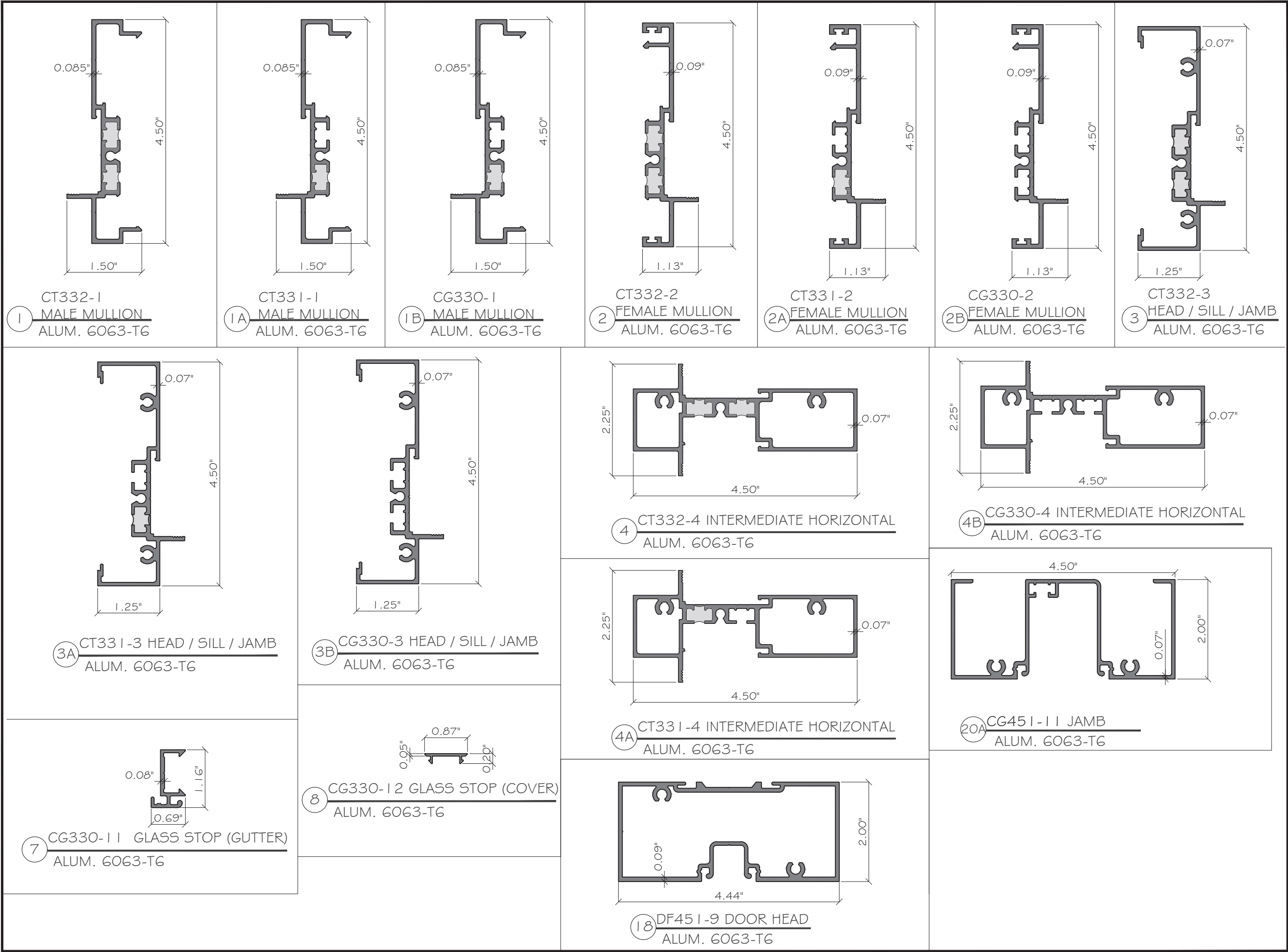
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No 55983

August 01st, 2023

FLORIDA APPROVAL:

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DRAWN: James	DRAWING No: D3
DATE:08.01.23	14 OF 18
DWG: AD22-01	



PRODUCT:

Series CG330/
CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN DATE/REMARKS

REV 2 08.01.2023

ENGINEER:



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No. 55983
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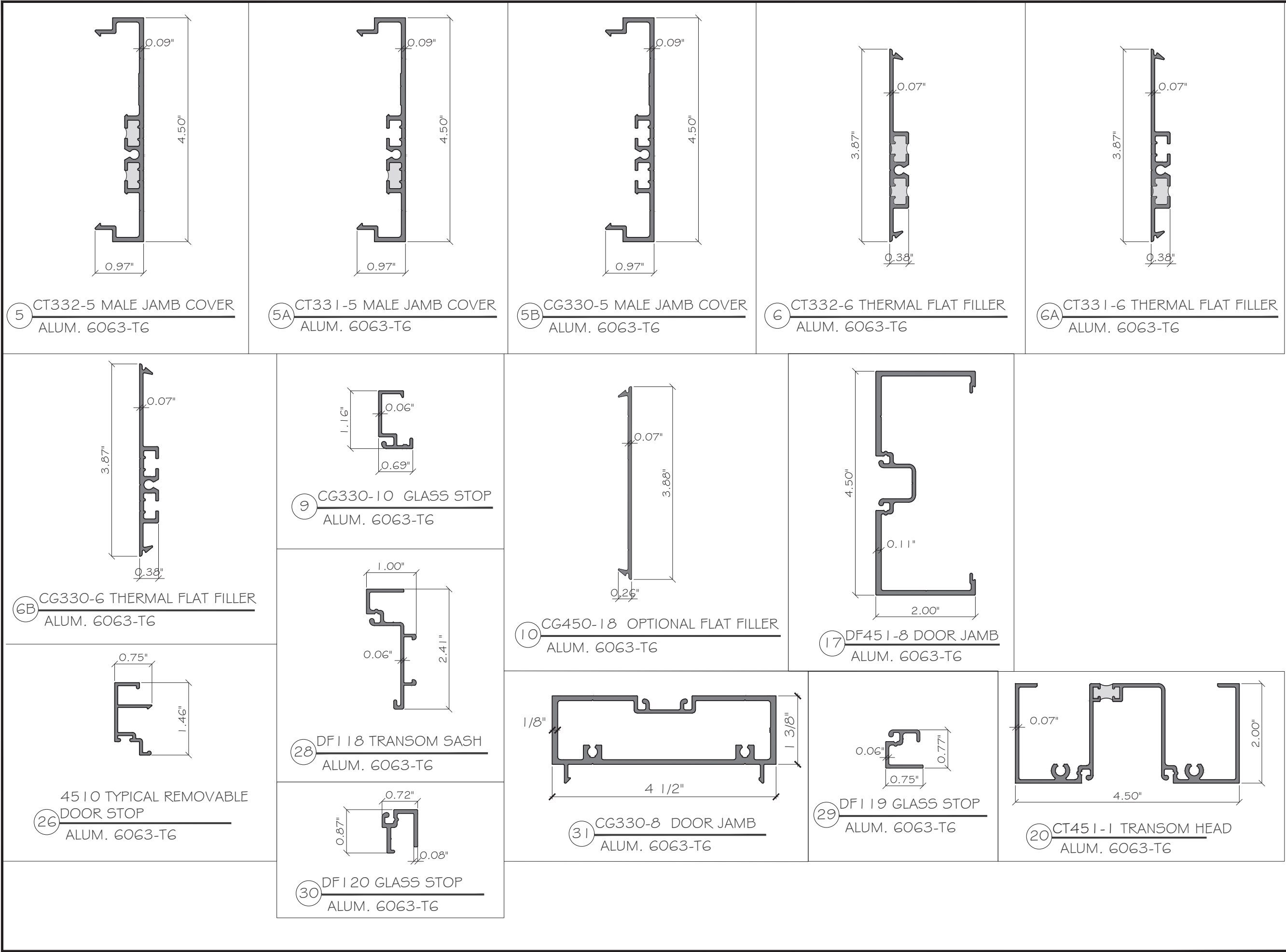
DRAWN: James

DATE: 08.01.23

DWG: AD22-01

DRAWING No: PART

15 OF 18



PRODUCT:

Series CG330/
CT331/ CT332
ALUMINUM STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REV#	DATE/REMARKS
REV 2	08.01.2023

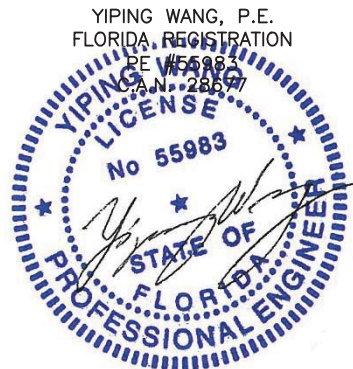
ENGINEER:



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FLORIDA APPROVAL:

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DRAWN: James	DRAWING No: PART
DATE:08.01.23	16 OF 18
DWG: AD22-01	

BILL OF MATERIALS				
ITEM	PART#	DESCRIPTION	REMARKS	SUPPLIER
I	CT332-I	MALE MULLION	ALUM.6063-T6	TRULITE
IA	CT331-I	MALE MULLION	ALUM.6063-T6	TRULITE
IB	CG330-I	MALE MULLION	ALUM.6063-T6	TRULITE
2	CT332-2	FEMALE MULLION	ALUM.6063-T6	TRULITE
2A	CT331-2	FEMALE MULLION	ALUM.6063-T6	TRULITE
2B	CG330-2	FEMALE MULLION	ALUM.6063-T6	TRULITE
3	CT332-3	HEAD/ SILL/ JAMB	ALUM.6063-T6	TRULITE
3A	CT331-3	HEAD/ SILL/ JAMB	ALUM.6063-T6	TRULITE
3B	CG330-3	HEAD/ SILL/ JAMB	ALUM.6063-T6	TRULITE
4	CT332-4	INTERMEDIATE HORIZONTAL	ALUM.6063-T6	TRULITE
4A	CT331-4	INTERMEDIATE HORIZONTAL	ALUM.6063-T6	TRULITE
4B	CG330-4	INTERMEDIATE HORIZONTAL	ALUM.6063-T6	TRULITE
5	CT332-5	MALE JAMB COVER	ALUM.6063-T6	TRULITE
5A	CT331-5	MALE JAMB COVER	ALUM.6063-T6	TRULITE
5B	CG330-5	MALE JAMB COVER	ALUM.6063-T6	TRULITE
6	CT332-6	THERMAL FLAT FILLER	ALUM.6063-T6	TRULITE
6A	CT331-6	THERMAL FLAT FILLER	ALUM.6063-T6	TRULITE
6B	CG330-6	THERMAL FLAT FILLER	ALUM.6063-T6	TRULITE
7	CG330-11	GLASS STOP (GUTTER)	ALUM.6063-T6	TRULITE
8	CG330-12	GLASS STOP (COVER)	ALUM.6063-T6	TRULITE
9	CG330-10	GLASS STOP	ALUM.6063-T6	TRULITE
10	CG450-18	OPTIONAL FLAT FILLER	ALUM.6063-T6	TRULITE
11	RG-1	GLAZING GASKET	EPDM, DURO 60±5	TRULITE
12	RG-33	FINGER GASKET	EPDM, DURO 60±5	TRULITE
13	H62L	SETTING BLOCK	EPDM, DURO 85±5	TRULITE
14	V2108	GLAZING TAPE	OPEN CELL POLYURETHANE FOAM	ST.GOBAIN
15	VK1826	GLAZING TAPE (OPTION)	CLOSED CELL PVC FOAM	CAPITAL TAPE
16	NOT USED	-	-	-

BILL OF MATERIALS				
ITEM	PART#	DESCRIPTION	REMARKS	SUPPLIER
17	DF451-8	DOOR JAMB	ALUM.6063-T6	TRULITE
18	DF451-9	DOOR HEAD	ALUM.6063-T6	TRULITE
19	NOT USED	-	-	-
20	CT451-11	TRANSOM HEAD	ALUM.6063-T6	TRULITE
20A	CG451-11	TRANSOM HEAD	ALUM.6063-T6	TRULITE
21	RG-1	GLAZING GASKET	EPDM, DURO 60±5	TRULITE
22	RSB-19	SETTING BLOCK	EPDM, DURO 85±5	TRULITE
23	FAS 14-2	ASSEMBLY SCREW #14 -14 X 1" HWH	ZINC COATED STEEL	TRULITE
24	DOWSIL 795	STRUCTURAL SEALANT	SILICONE	DOW
25	23301	RUBBER GROMMET AT ASTRAGAL	NITRILE	RUBBER GROMMET.COM
26	4510	TYPICAL REMOVABLE DOOR STOP	ALUM.6063-T6	TRULITE
27	RG-5	DOOR STOP GASKET	EPDM, DURO 60±5	TRULITE
28	DF118	TRANSOM SASH	ALUM.6063-T6	TRULITE
29	DF119	GLASS STOP	ALUM.6063-T6	TRULITE
30	DF-120	GLASS STOP	ALUM.6063-T6	TRULITE
31	CG330-8	DOOR JAMB	ALUM.6063-T6	TRULITE



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PRODUCT:

Series CG330/
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ALUMINUM STOREFRONT
WALL - NI



REV#	DATE/REMARKS
REV 2	08.01.2023

ENGINEER:



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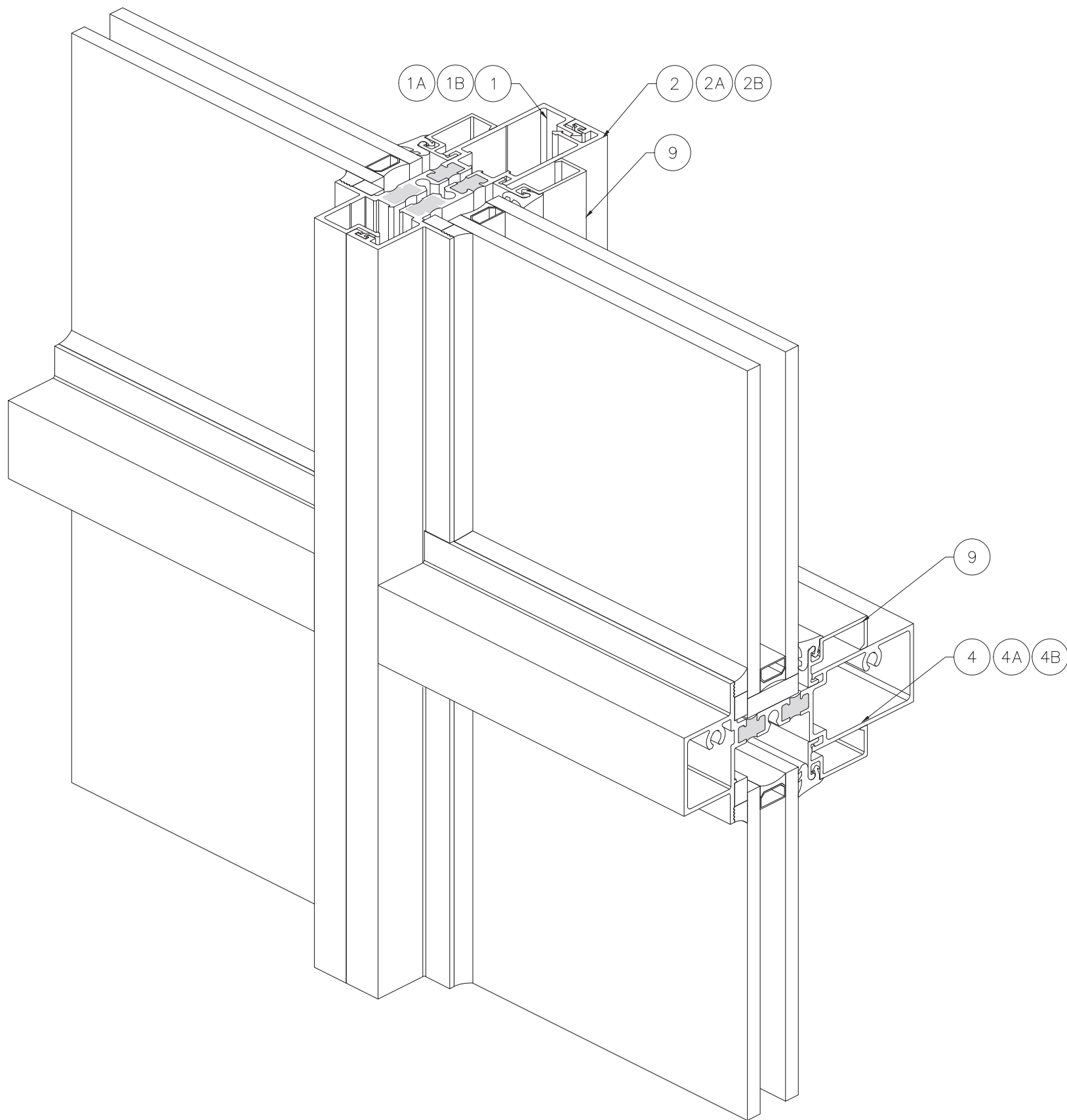


August 01st, 2023

FLORIDA APPROVAL:

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DRAWN: James	DRAWING No: BOM
DATE:08.01.23	17 OF 18
DWG: AD22-01	



FRAME ASSEMBLY



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PRODUCT:

Series CG330/
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REVN	DATE/REMARKS
REV 2	08.01.2023

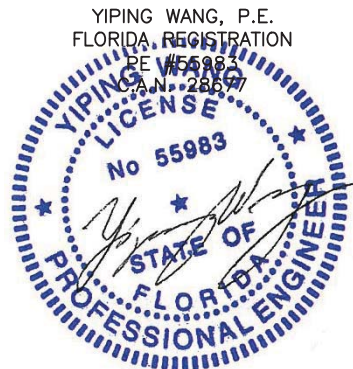
ENGINEER:



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FLORIDA APPROVAL:

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DRAWN: James	DRAWING No: ASSEMBLY
DATE:08.01.23	18 OF 18
DWG: AD22-01	