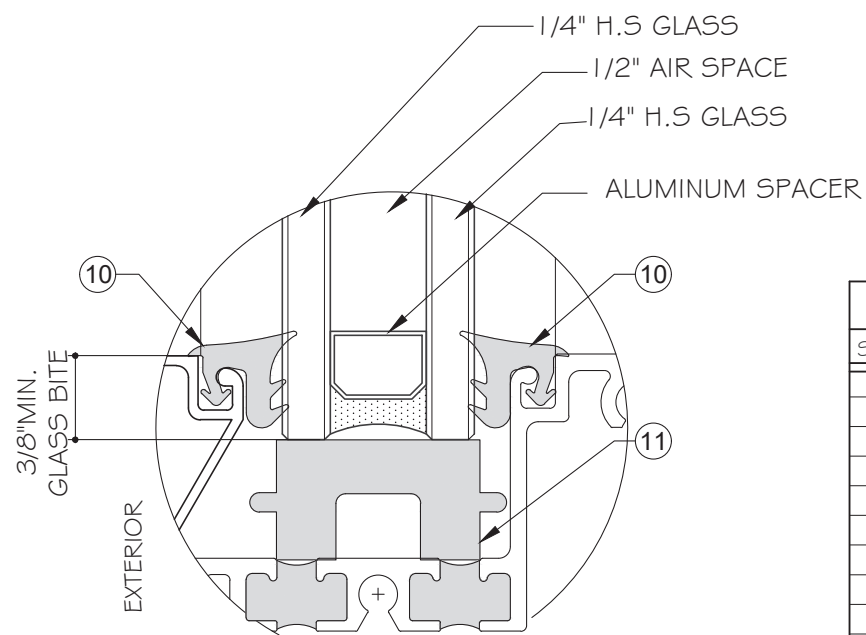


SERIES CG601/ CT601 / CT602 STOREFRONT SYSTEM
(NON - IMPACT)



GLASS TYPE "A"
MAX. GLASS SIZE APPROVED:
D.L.O. WIDTH x D.L.O. HEIGHT ≤ 37.06 FT²

DRAWINGS INDEX				
SHEET	TITLE	CONTENT	REV.	DATE
01	COVER	GENERAL NOTES AND INSTRUCTIONS	1	08-11-23
02	E1	WINDOW ELEVATION	1	08-11-23
03	E2	MULLION CAPACITY CHART	1	08-11-23
04	E2	DJM CAPACITY	1	08-11-23
05	D1	WINDOW DETAILS	1	08-11-23
06	D2	WINDOW DETAILS	1	08-11-23
07	D3	WINDOW DETAILS	1	08-11-23
08	D4	WINDOW DETAILS	1	08-11-23
09	D5	WINDOW DETAILS	1	08-11-23
10	A1	ANCHOR OPTIONS	1	08-11-23
11	PO1	PARTS	1	08-11-23
12	PO2	PARTS	1	08-11-23
13	BOM	BILL OF MATERIALS	1	08-11-23
14	ISO	ASSEMBLE DRAWINGS	1	08-11-23

NOTE:
GLASS CAPACITIES ARE BASED ON ASTM E1300-09/12
(3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219.

SERIES CT602 STOREFRONT SYSTEM

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 FLORIDA BUILDING CODE 7TH EDITION (2020) / 8TH EDITION (2023) NOT INCLUDING HIGH VELOCITY HURRICANE ZONE (NON-HVHZ).
- ULTIMATE LOAD OBTAINED FROM ASCE 7-16/ 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.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BUILDING HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD.
- STEP 2: SEE SHEET 1 FOR GLASS OPTIONS AND MAX. D.L.O. AREA ALLOWED.
- STEP 3: SEE TYPICAL ELEVATION ON SHEET E1. CHECK MULLION AND JAMB CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET E2. MULLION OR JAMB SUPPORT XX DOOR SEE SHEET E3 FOR CAPACITY. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4: SEE ANCHOR OPTIONS ON SHEET A1. NUMBER OF ANCHOR REQUIRED SEE ELEVATION ON SHEET E1.
- STEP 5: THE LOWEST VALUE RESULTING FROM STEPS 2, 3, & 4 SHALL APPLY TO ENTIRE SYSTEM.
- STEP 6: HIGHLIGHT OPTION USED AND TABLE VALUES USED IN A SPECIFIC APPLICATION WHEN USING THIS FA TO APPLY FOR A PERMIT.

LIMITATIONS OF USE

A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.

B- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.

THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



GLASS & ALUMINUM SOLUTIONS™

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p. 800-432-8132

PRODUCT:

Series CG601/
CT601/ CT 602

ALUMINUM
STOREFRONT
WALL - NI



PRODUCT SERIES

REV#	DATE/REMARKS
R2	FBC 2023

ENGINEER:

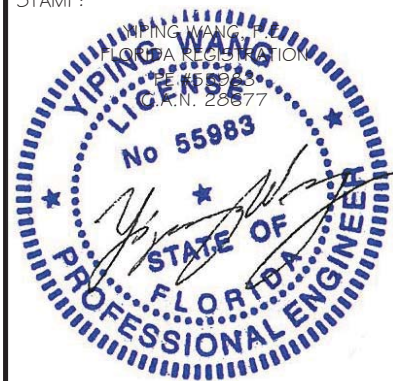


MCY ENGINEERING, INC.

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MIRAMAR, FL 33027
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mcy@mcyengineering.com
www.MCYEngineering.com

STAMP:



FLORIDA APPROVAL:

FL# 31651.1

SHEET TITLE:

COVER

DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

1 OF 14



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p. 800-432-8132

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI


Resistor
 PRODUCT SERIES

ENGINEER:

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MIRAMAR, FL 33027
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mcy@mcycengineering.com
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FL# 31651.1

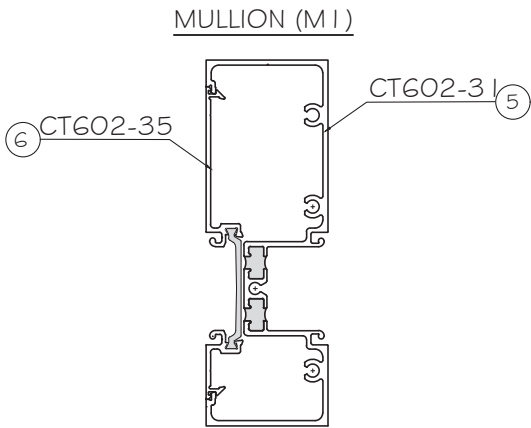
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2 OF 14

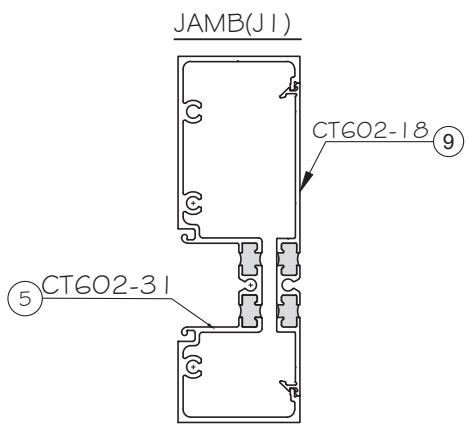


MULLION LOAD CAPACITY WITH OR WITHOUT HORIZONTAL				
WINDOW PANEL		M1, J1	M2, J2	M3, J2
WIDTH	HEIGHT	EXT (+) EXT (-)	EXT (+) EXT (-)	EXT (+) EXT (-)
IN	IN	PSF	PSF	PSF
30	60	80	80	80
36		80	80	80
42		80	80	80
48		80	80	80
54		80	80	80
60		80	80	80
30	66	80	80	80
36		80	80	80
42		80	80	80
48		80	80	80
54		80	80	80
60		73	80	80
30	72	80	80	80
36		80	80	80
42		80	80	80
48		80	80	80
54		74	80	80
60		67	80	80
30	78	80	80	80
36		80	80	80
42		80	80	80
48		77	80	80
54		68	80	80
60		62	74	74
30	84	80	80	80
36		80	80	80
42		80	80	80
48		71	80	80
54		63	76	76
60		57	69	69
30	90	80	80	80
36		80	80	80
42		76	80	80
48		67	80	80
54		59	71	71
60		53	64	64
30	96	80	80	80
36		80	80	80
42		71	80	80
48		63	75	75
54		56	67	67
60		50	60	60

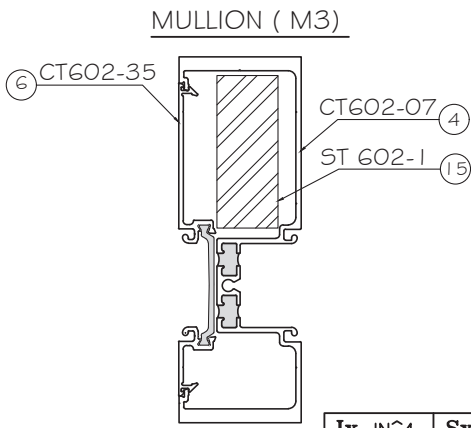
MULLION LOAD CAPACITY WITH OR WITHOUT HORIZONTAL				
WINDOW PANEL		M1, J1	M2, J2	M3, J2
WIDTH	HEIGHT	EXT (+) EXT (-)	EXT (+) EXT (-)	EXT (+) EXT (-)
IN	IN	PSF	PSF	PSF
30	102	80	80	80
36		74	80	80
42		63	80	80
48		55	71	71
54		49	63	63
60		44	56	56
30	108	79	80	80
36		66	80	80
42		56	72	76
48		49	56	67
54		44	47	59
60		40	43	53
30	114	71	80	80
36		59	67	80
42		51	58	72
48		44	51	63
54		39	45	56
60		35	40	51
30	120	64	77	80
36		53	64	80
42		46	55	69
48		40	48	60
54		36	43	53
60		32	38	48
30	126	58	80	80
36		48	72	76
42		41	62	65
48		36	54	57
54		32	48	51
60		29	43	46
30	132	53	79	80
36		44	66	71
42		38	56	61
48		33	49	54
54		29	44	48
60		27	40	44
30	138	48	72	78
36		40	60	65
42		35	51	56
48		30	45	49
54		27	40	44
60		24	36	40
30	144	43	66	72
36		36	55	60
42		31	47	51
48		27	41	45
54		24	36	40
60		21	32	36



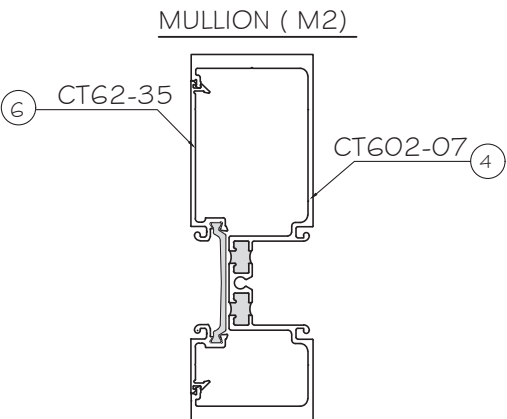
	Ix IN^4	Sx IN^3
CT602-31	5.9333	1.8927
CT602-35	1.2453	0.4407
TOTAL	7.1786	2.3334
REDUCTION DUE TO THERMAL BREAK:	6.1018	1.9465



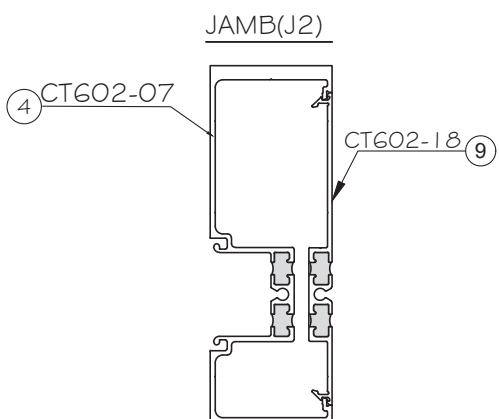
	Ix IN^4	Sx IN^3
CT602-31	5.9333	1.8927
CT602-18	1.0881	0.3943
TOTAL	7.0814	2.287
REDUCTION DUE TO THERMAL BREAK:	6.0191	1.9439



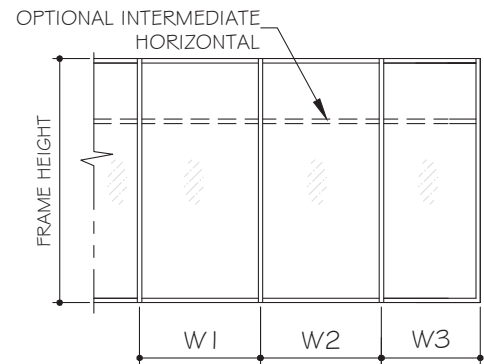
	Ix IN^4	Sx IN^3
CT602-07	9.7700	3.0327
CT602-35	1.2453	0.4407
TOTAL	11.0153	3.4193
REDUCTION DUE TO THERMAL BREAK:	9.363	2.9063
ST602-1	1.3021	1.0417
TOTAL= 1 ALUM.+2.91XSTL	13.1390	-



	Ix IN^4	Sx IN^3
CT602-07	9.7700	3.0327
CT602-35	1.2453	0.4407
TOTAL	11.0153	3.4193
REDUCTION DUE TO THERMAL BREAK:	9.363	2.9063

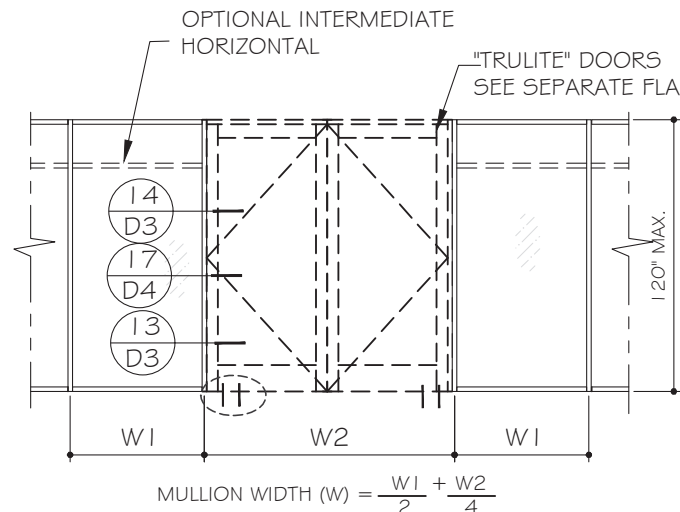
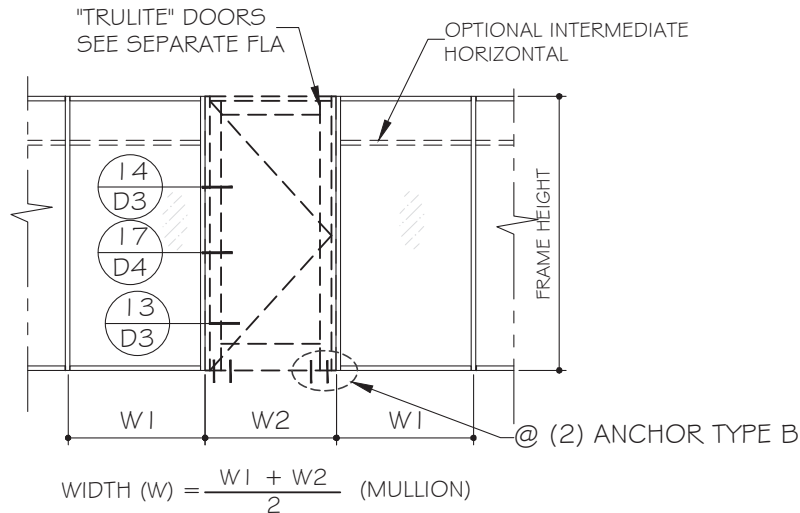


	Ix IN^4	Sx IN^3
CT602-07	9.7700	3.0327
CT602-18	1.0881	0.3943
TOTAL	10.8581	3.427
REDUCTION DUE TO THERMAL BREAK:	9.2293	2.9129



TYPICAL ELEVATION

$$\text{MULLION WIDTH (W)} = \frac{W1 + W2}{2}$$
$$\text{JAMB WIDTH(W)} = W3$$



LOADS TABLES ARE APPLICABLE TO CG601/ CT601/ CT602 SYSTEMS

STEP 3: MULLION LOAD CAPACITY

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PRODUCT:

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN DATE/REMARKS
R2 FBC 2023

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

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mcy@mcyengineering.com
www.MCYEngineering.com

STAMP:



August 11th, 2023

FLORIDA APPROVAL:

FL# 31651.1

SHEET TITLE:

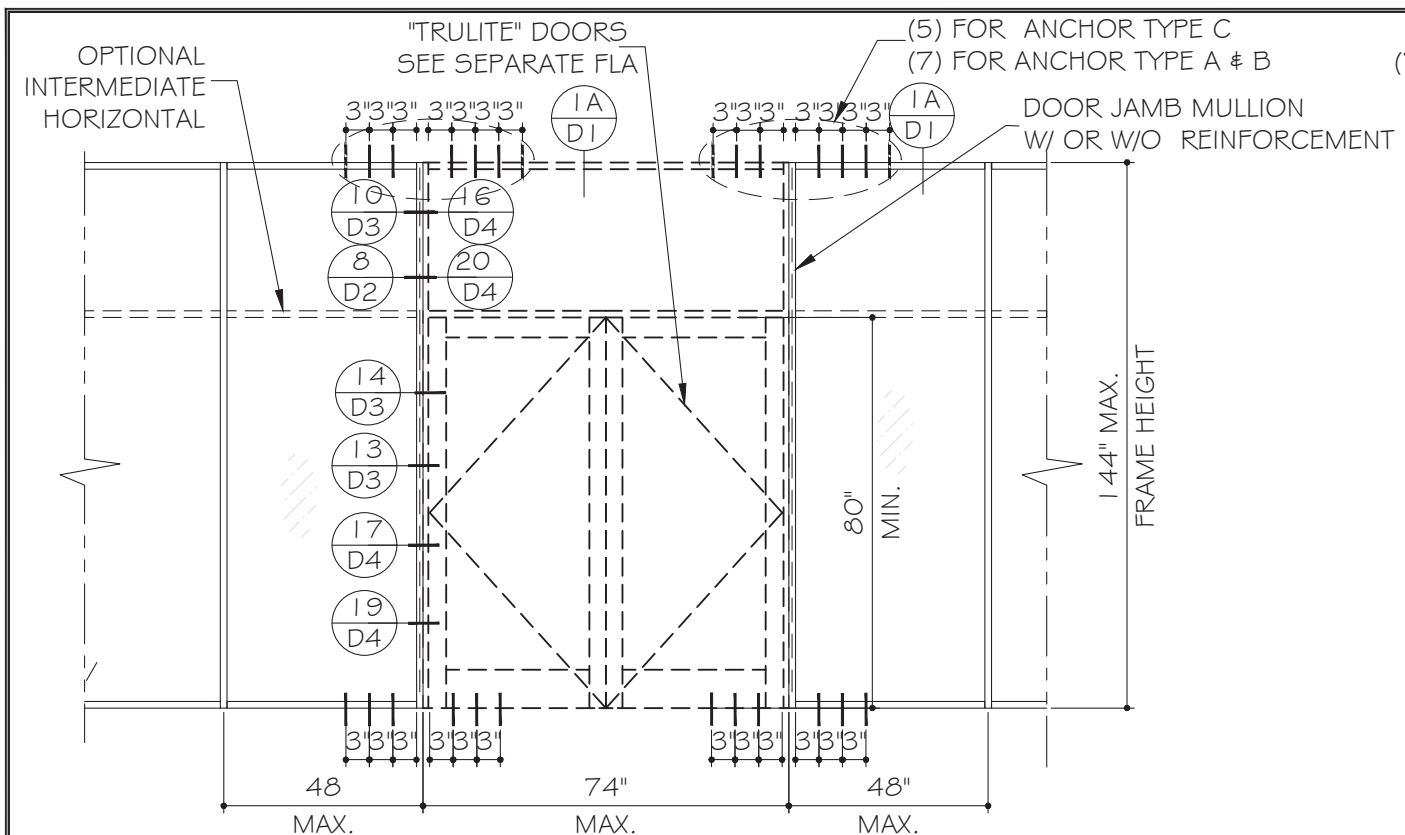
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DRAWN: James

DATE: 08.11.2023

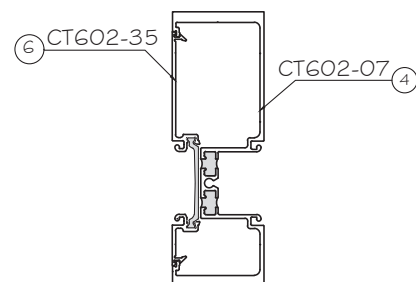
DWG: AD20-01

3 OF 14



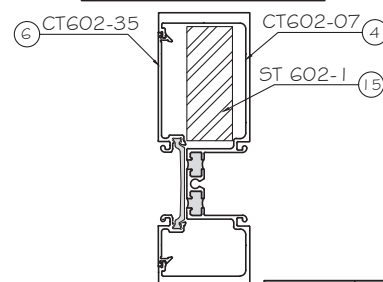
TYPICAL ELEVATION

DJM-1 (DET. 14/D3)
MAX. PD: +/- 34 PSF



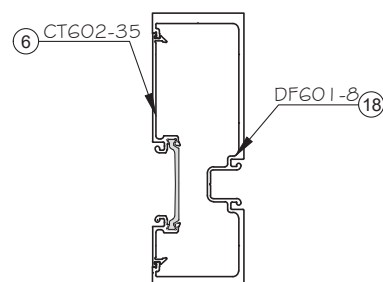
	Ix IN^4	Sx IN^3
CT602-07	9.7700	3.0327
CT602-35	1.2453	0.4407
TOTAL	11.0153	3.4193
REDUCTION DUE TO THERMAL BREAK:	9.3630	2.9064

DJM-3 (DET. 13/D3)
MAX. PD: +/- 45 PSF



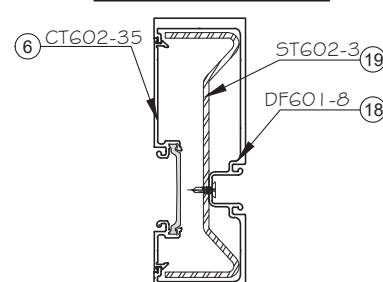
	Ix IN^4	Sx IN^3
CT602-07	9.7700	3.0327
CT602-35	1.2453	0.4407
TOTAL	11.0153	3.4193
REDUCTION DUE TO THERMAL BREAK:	9.363	2.9063
ST602-1	1.3021	1.0417
TOTAL= 1 ALUM.+2.91XSTL	13.1390	

DJM-2 (DET. 19/D4)
MAX. PD: +/- 39.3 PSF



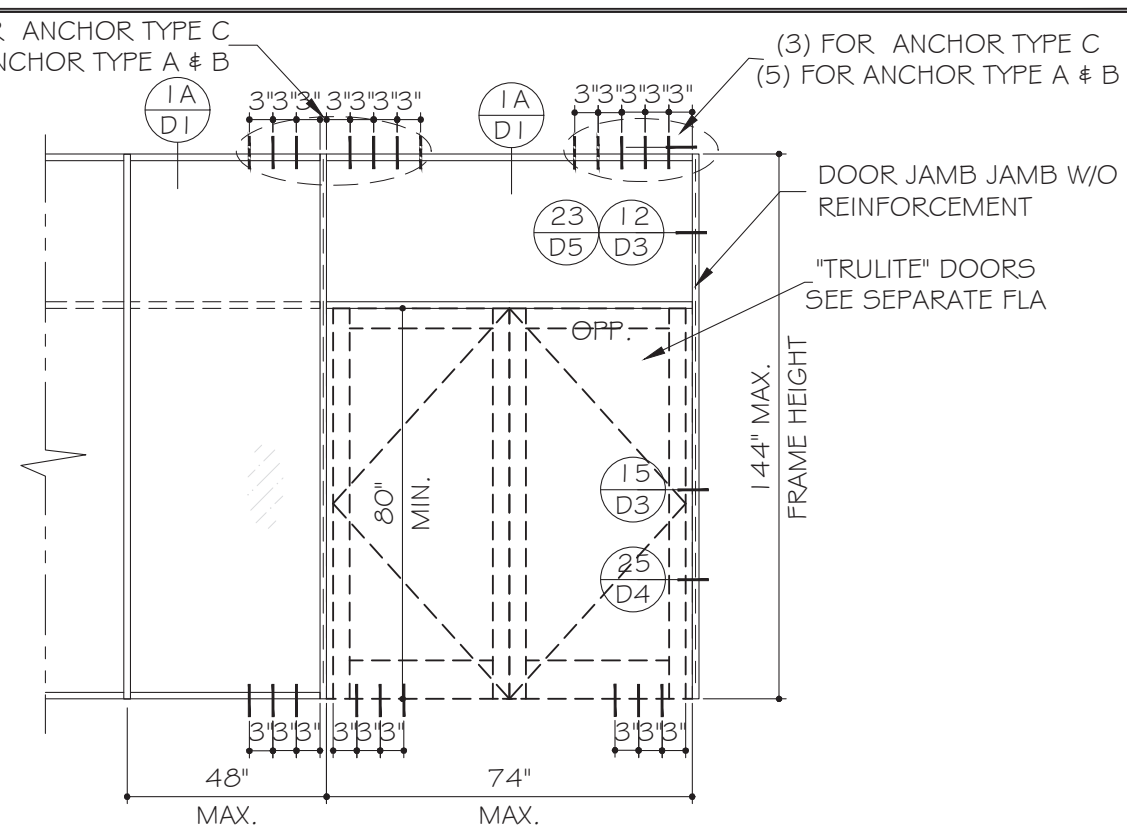
	Ix IN^4	Sx IN^3
DF601-8	9.7490	3.2048
CT602-35	1.2453	0.4407
TOTAL	10.9943	3.6455
REDUCTION DUE TO THERMAL BREAK:	10.8075	3.5794

DJM-4 (DET. 17/D4)
MAX. PD: +/- 45 PSF



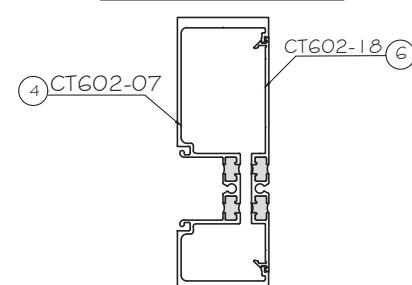
	Ix IN^4	Sx IN^3
DF601-8	9.7490	3.2048
ST602-3	4.0910	1.5258
TOTAL= 1 ALUM.+2.91XSTL	21.6129	-

(5) FOR ANCHOR TYPE C
(7) FOR ANCHOR TYPE A & B



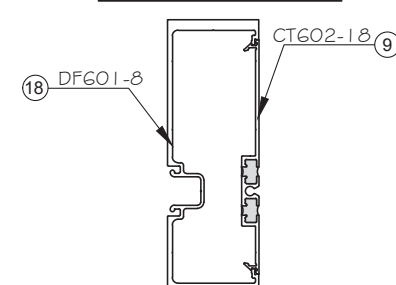
TYPICAL ELEVATION

DJJ-1 (DET. 15/D3)
MAX. PD: +/- 45 PSF



	Ix IN^4	Sx IN^3
CT602-07	9.7700	3.0327
CT602-18	1.0881	0.3943
TOTAL	10.8581	3.427
REDUCTION DUE TO THERMAL BREAK:	9.2293	2.9129

DJJ-2 (DET. 25/D4)
MAX. PD: +/- 45 PSF



	Ix IN^4	Sx IN^3
DF601-8	9.7490	3.2048
CT602-18	1.0881	0.3943
TOTAL	10.8371	3.5991
REDUCTION DUE TO THERMAL BREAK:	10.6738	3.5399

PRODUCT:

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN DATE/REMARKS

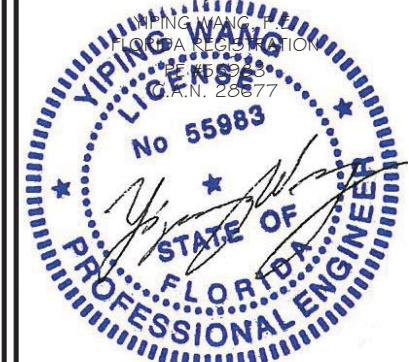
R2 FBC 2023

ENGINEER:

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GLAZING CONSULTANT

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MIRAMAR, FL 33027
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mcy@mcyengineering.com
www.MCYEngineering.com

STAMP:



August 11th, 2023

FLORIDA APPROVAL:

FL# 31651.1

SHEET TITLE:

E3

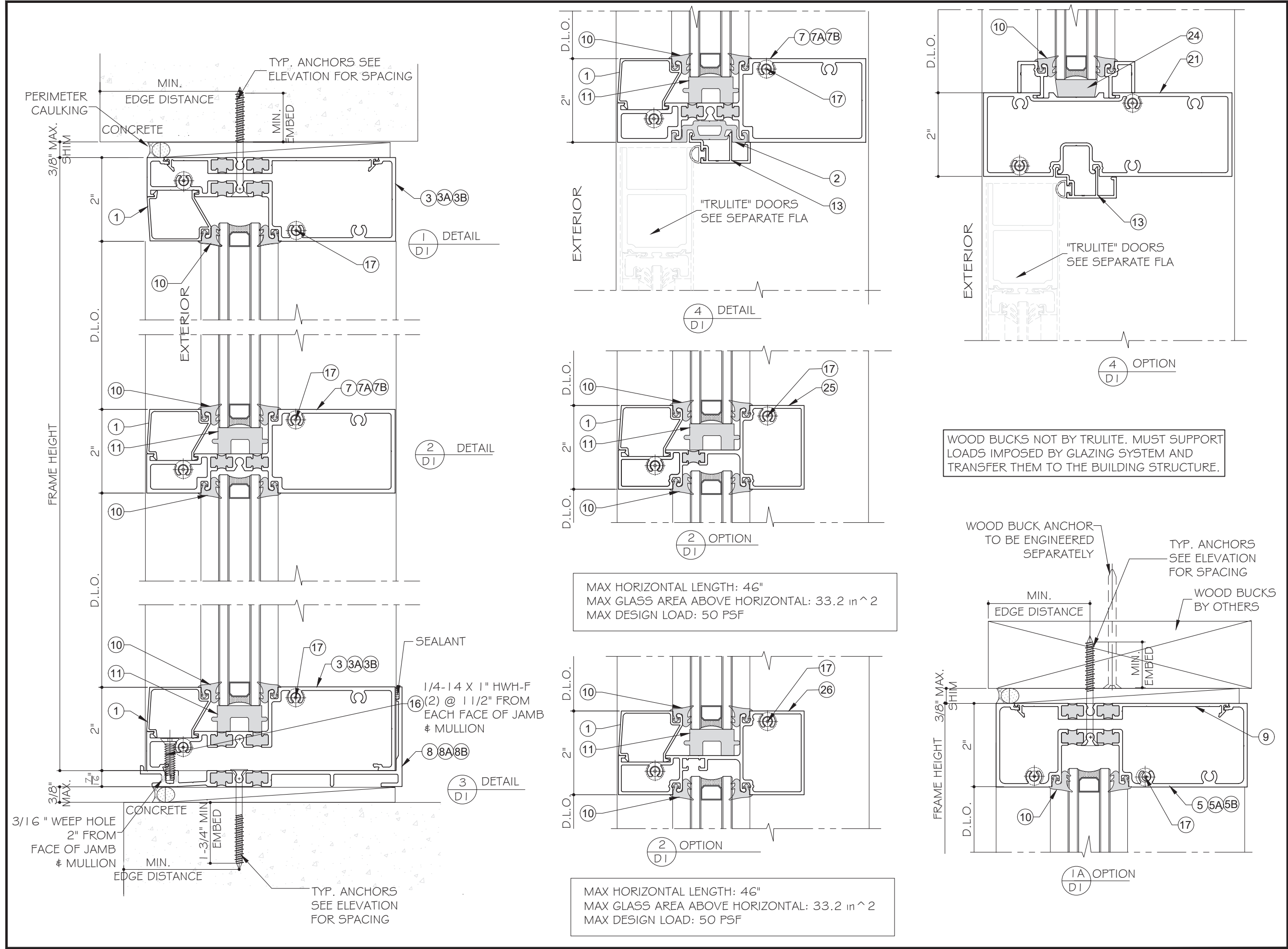
DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

4 OF 14

STEP 3: DOOR JAMB MULLION CAPACITY





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WALL - NI

 **Resistor**
PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

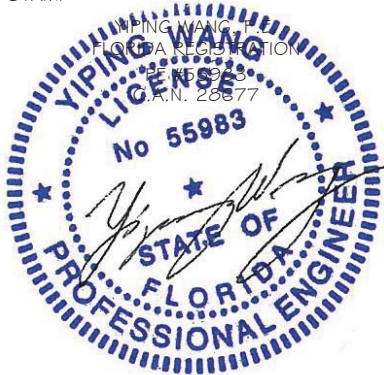
ENGINEER:



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MIRAMAR, FL 33027
P: 786.360.2786
mcy@mcyengineering.com
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STAMP:



August 11th, 2023

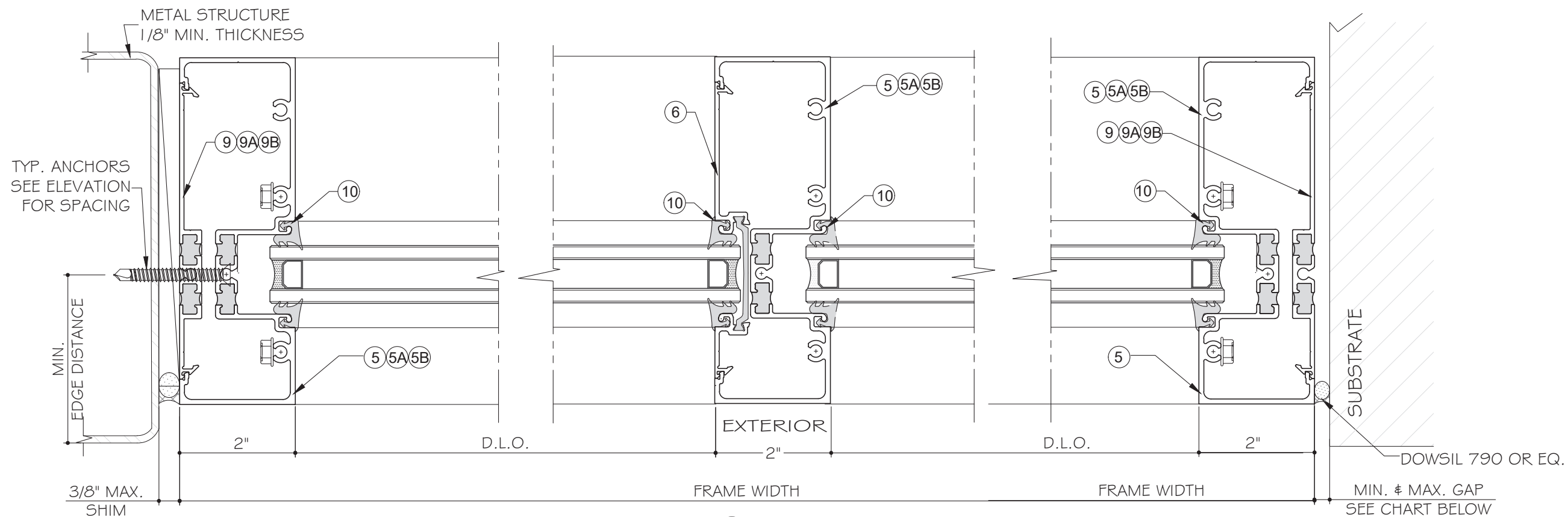
FLORIDA APPROVAL:

FL# 31651.1

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D1

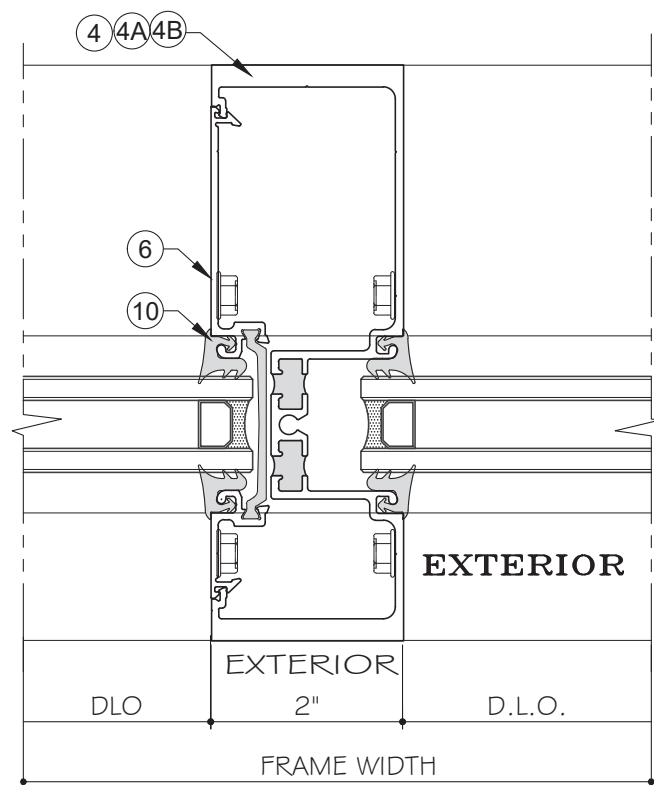
DRAWN: James	5 OF 14
DATE: 08.11.2023	
DWG: AD20-01	



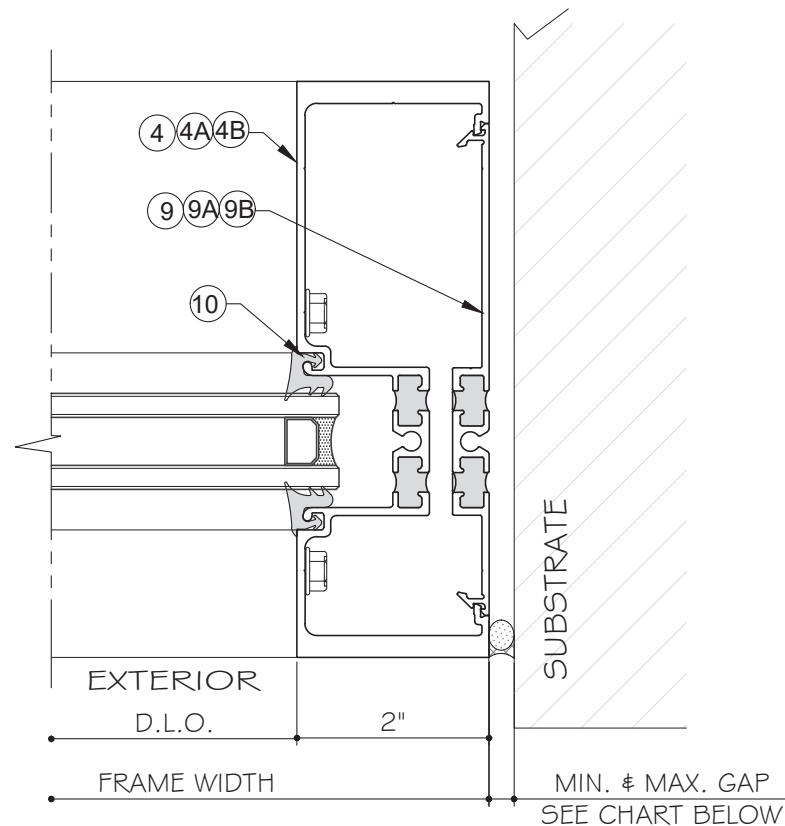
5
D2
DETAIL
ANCHORED JAMB

6
D2
DETAIL
LIGHT MULLION

7
D2
DETAIL
LIGHT JAMB (FREE STANDING)



8
D2
DETAIL
HEAVY MULLION



9
D2
DETAIL
HEAVY JAMB

MAX. FRAME HEIGHT.	MIN. OR MAX. GAP AT F.S. JAMB	
	SILICONE GAP (DOWSIL 790)	
	MIN.	MAX.
60"	3/16"	1"
72"	1/4"	1"
84"	3/8"	1"
96"	3/8"	1"
108"	3/8"	1"
120"	1/2"	1"
132"	1/2"	1"
144"	1/2"	1"

PRODUCT:

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN DATE/REMARKS

R2 FBC 2023

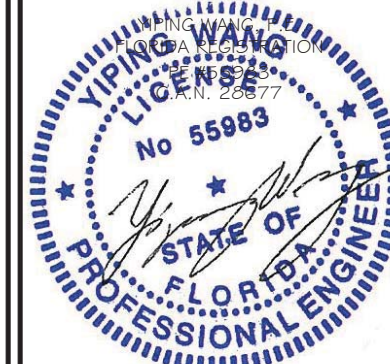
ENGINEER:



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MIRAMAR, FL 33027
P: 786.360.2786
mcy@mcyengineering.com
www.MCYEngineering.com

STAMP:



August 11th, 2023

FLORIDA APPROVAL:

FL# 31651.1

SHEET TITLE:

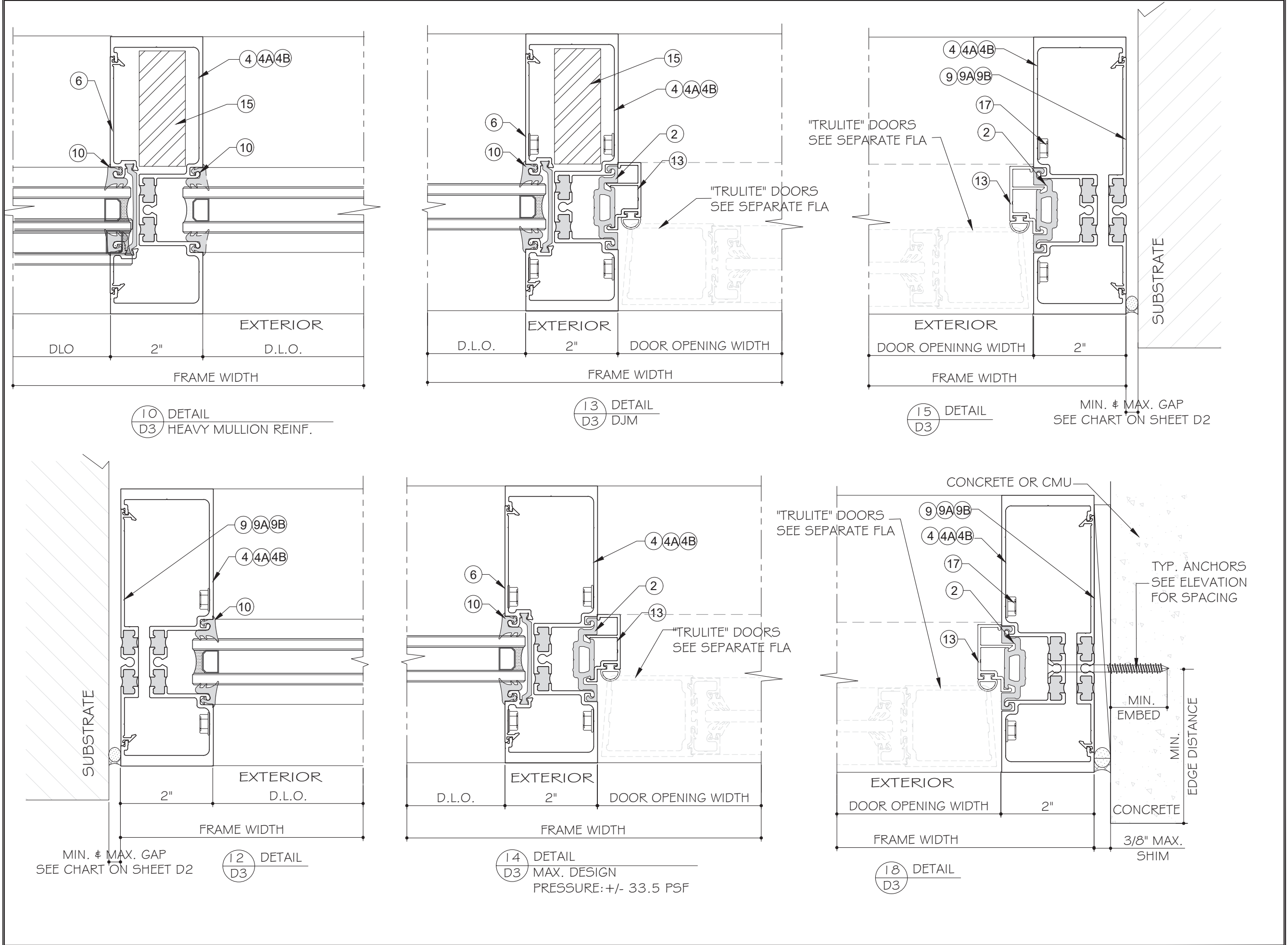
D2

DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

6 OF 14





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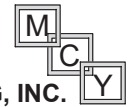
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p. 800-432-8132

PRODUCT:
**Series CG601/
CT601/ CT 602**
ALUMINUM
STOREFRONT
WALL - NI

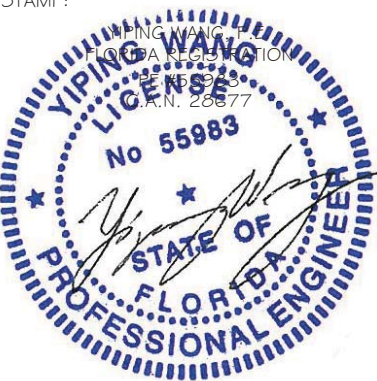


PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

ENGINEER:

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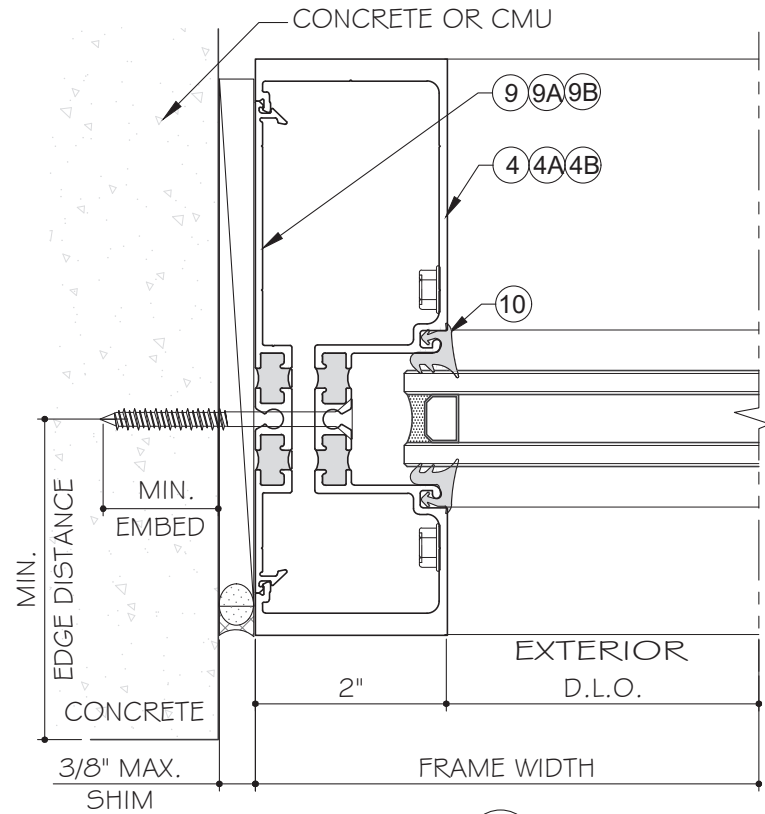
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STAMP:

August 11th, 2023

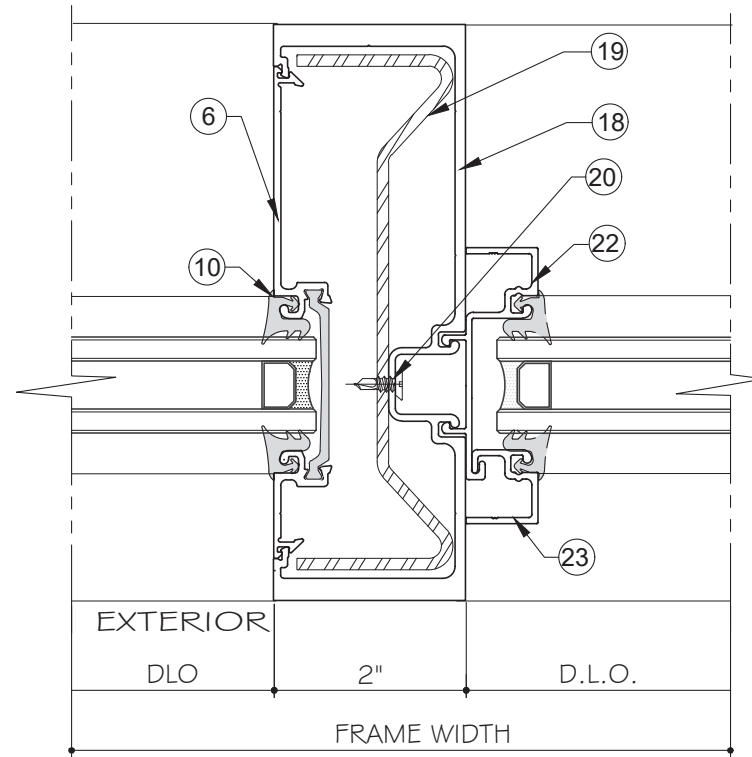
FLORIDA APPROVAL:
FL# 31651.1

SHEET TITLE:
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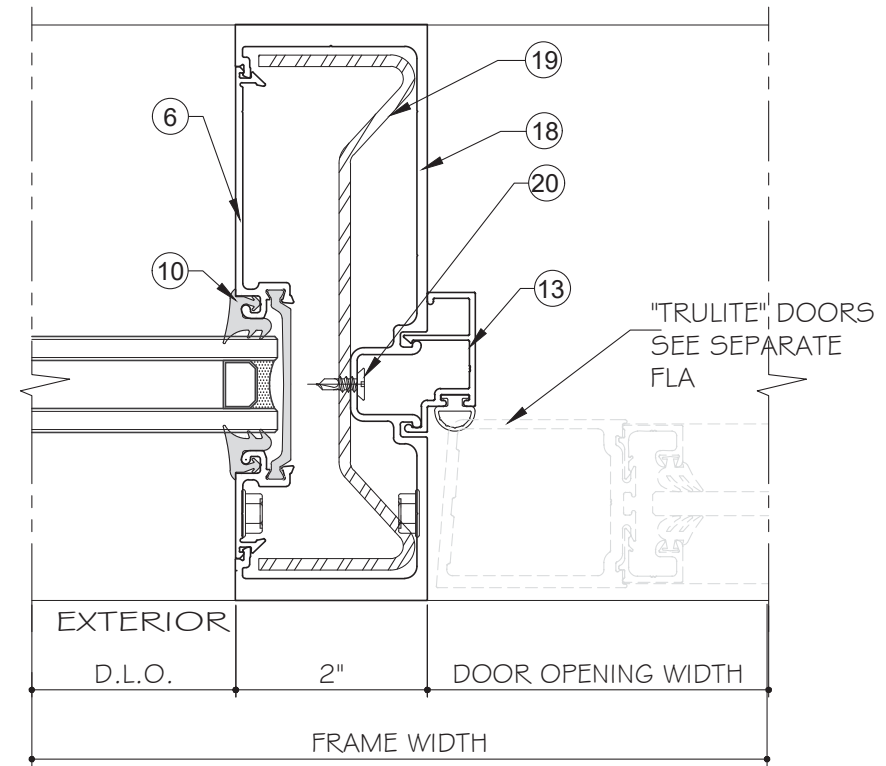
DRAWN: James	7 OF 14
DATE: 08.11.2023	
DWG: AD20-01	



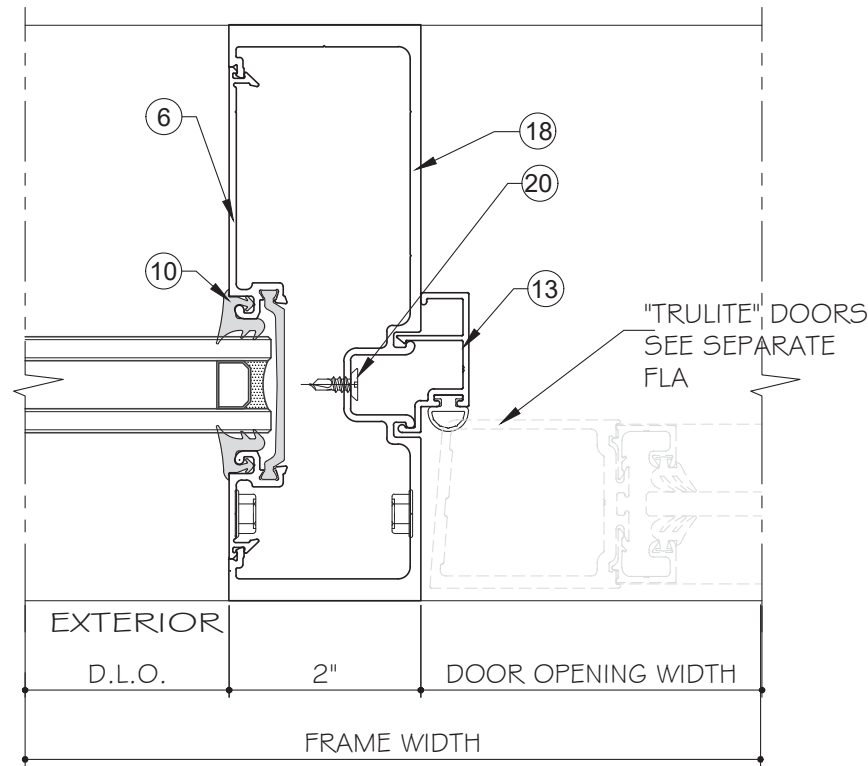
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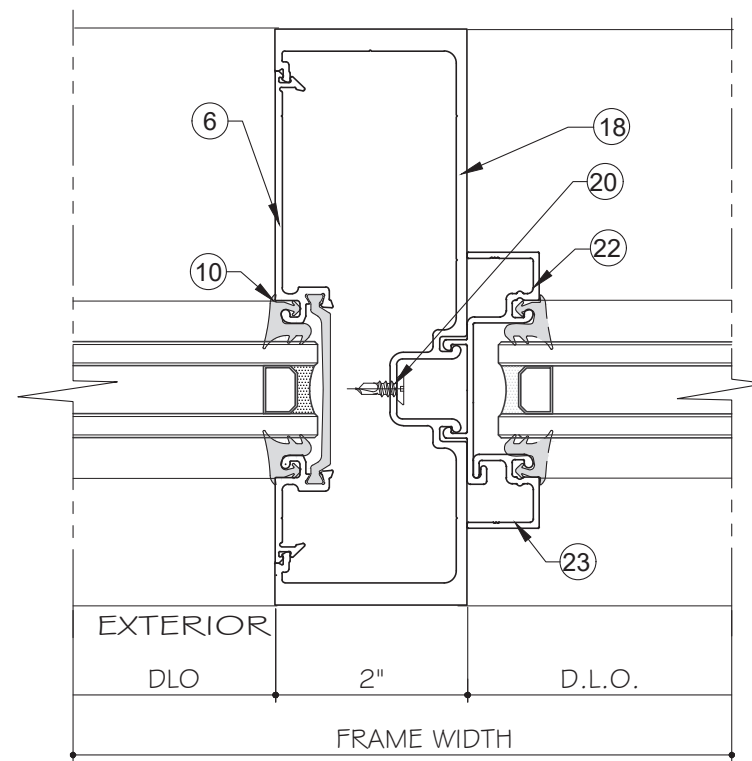
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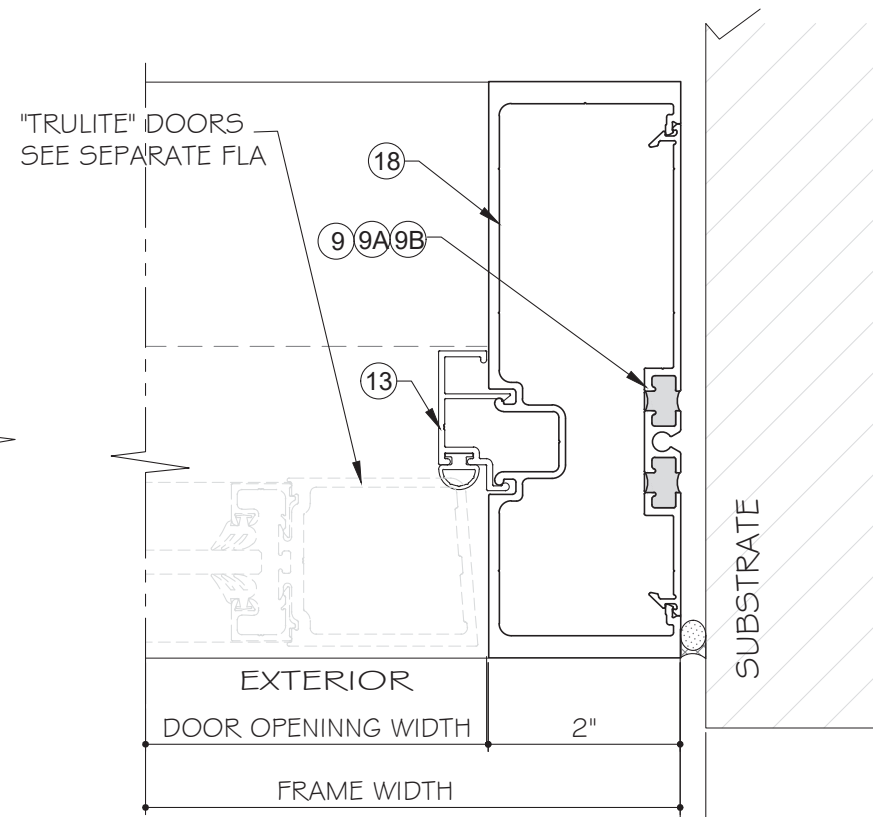
17
D4
DETAIL



19
D4
DETAIL



20
D4
DETAIL



25
D4
DETAIL

MIN. & MAX. GAP
SEE CHART ON SHEET D2

PRODUCT:

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

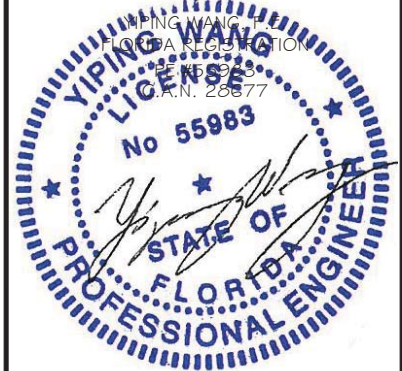
ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

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mcy@mcyengineering.com
www.MCYEngineering.com

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SHEET TITLE:

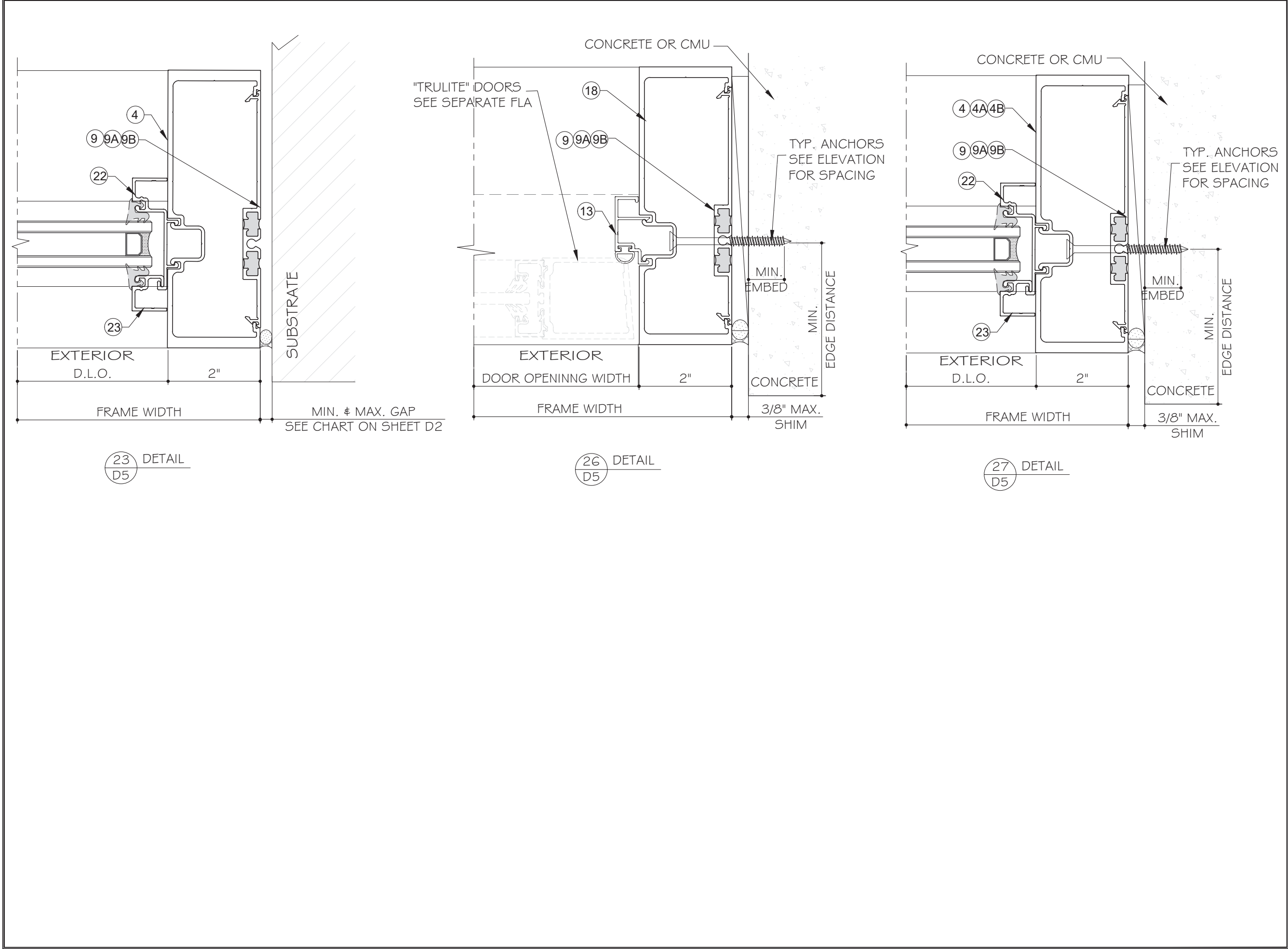
D4

DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

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PRODUCT:
**Series CG601/
CT601/ CT 602**
ALUMINUM
STOREFRONT
WALL - NI



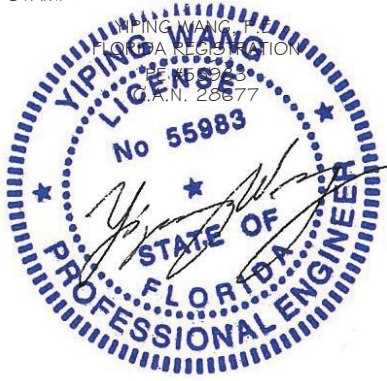
PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

ENGINEER:

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GLAZING CONSULTANT

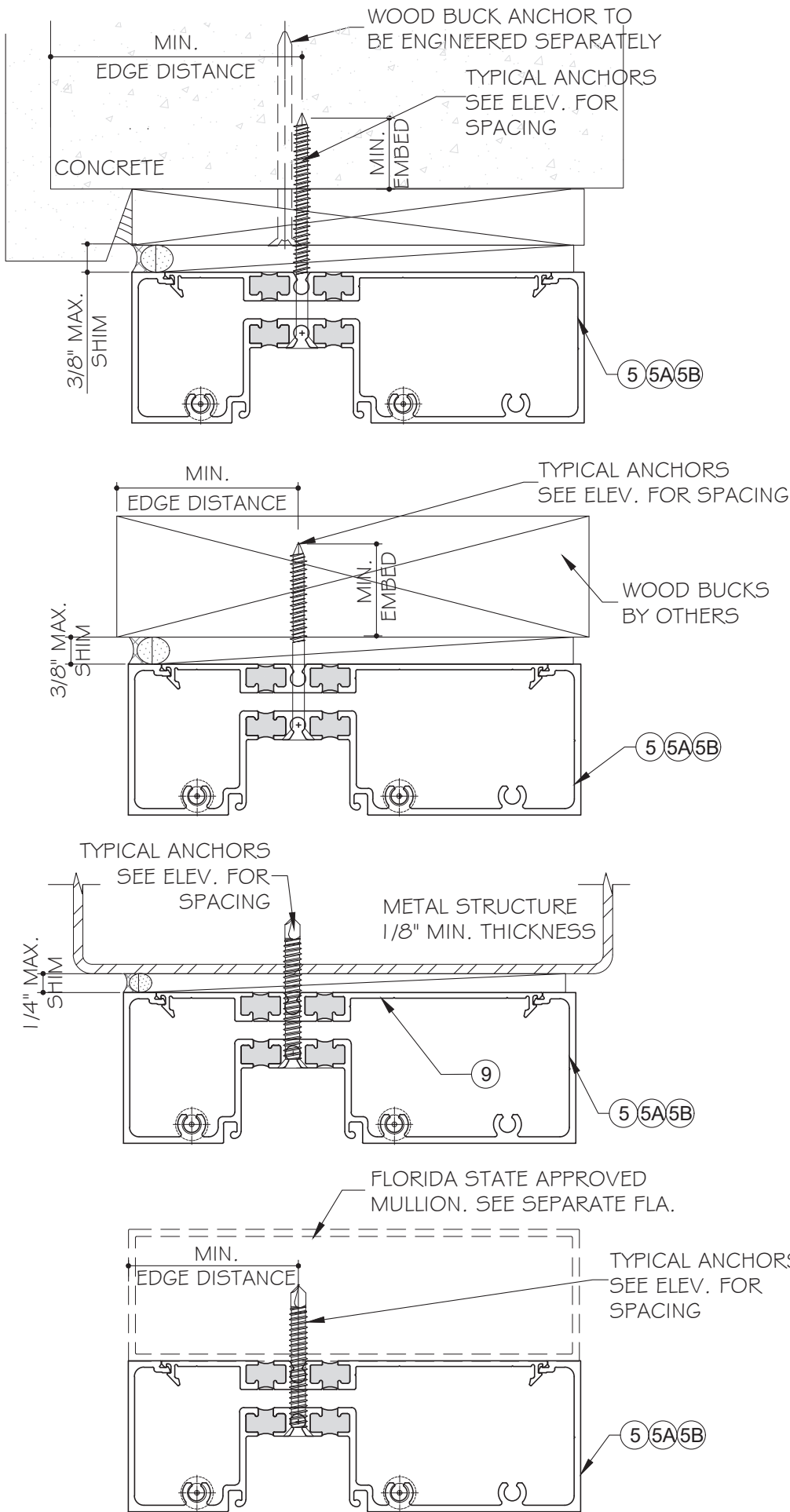
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SHEET TITLE:
D5

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DATE: 08.11.2023	
DWG: AD20-01	



WOOD BUCKS NOT BY TRULITE. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS:
SEE ELEVATIONS FOR SPACING

TYPE 'A' 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu= 164KSI, Fy= 148KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD.

THRU 1 OR 2 WOOD BUCKS INTO CONCRETE OR MASONRY (JAMB ONLY)
1-3/4" MIN. EMBED INTO CONCRETE.

TYPE 'B' 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu= 164 KSI, Fy= 148KSI)

DIRECTLY INTO CONC.
1-3/4" MIN. EMBED INTO CONC.
1-1/4" MIN. EMBED INTO HOLLOW BOCK @ JAMB ONLY
1-3/4" MIN. EMBED INTO GROUT FILLED BLOCK @ JAMB ONLY

TYPE 'C' 1/4" SMS OR SELF DRILLING SCREWS (GRADE 5)
(Fu= 120 KSI, Fy=90 KSI)

INTO APPROVED MULLIONS
(1/8" THK. MIN.) INTO METAL STRUCTURE.

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

- INTO CONCRETE AND MASONRY = 2-1/2" MIN.
- INTO WOOD STRUCTURE = 1" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.

WOOD SG = 0.55 MIN.
CONCRETE f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.,
NORMAL STRENGTH CMU (AT JAMB ONLY)

FRAME CORNERS SEALED WITH DOWSIL 1199 BUTYL TAPE. OR EQUIVALENT

PRODUCT:

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

ENGINEER:



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FLORIDA APPROVAL:

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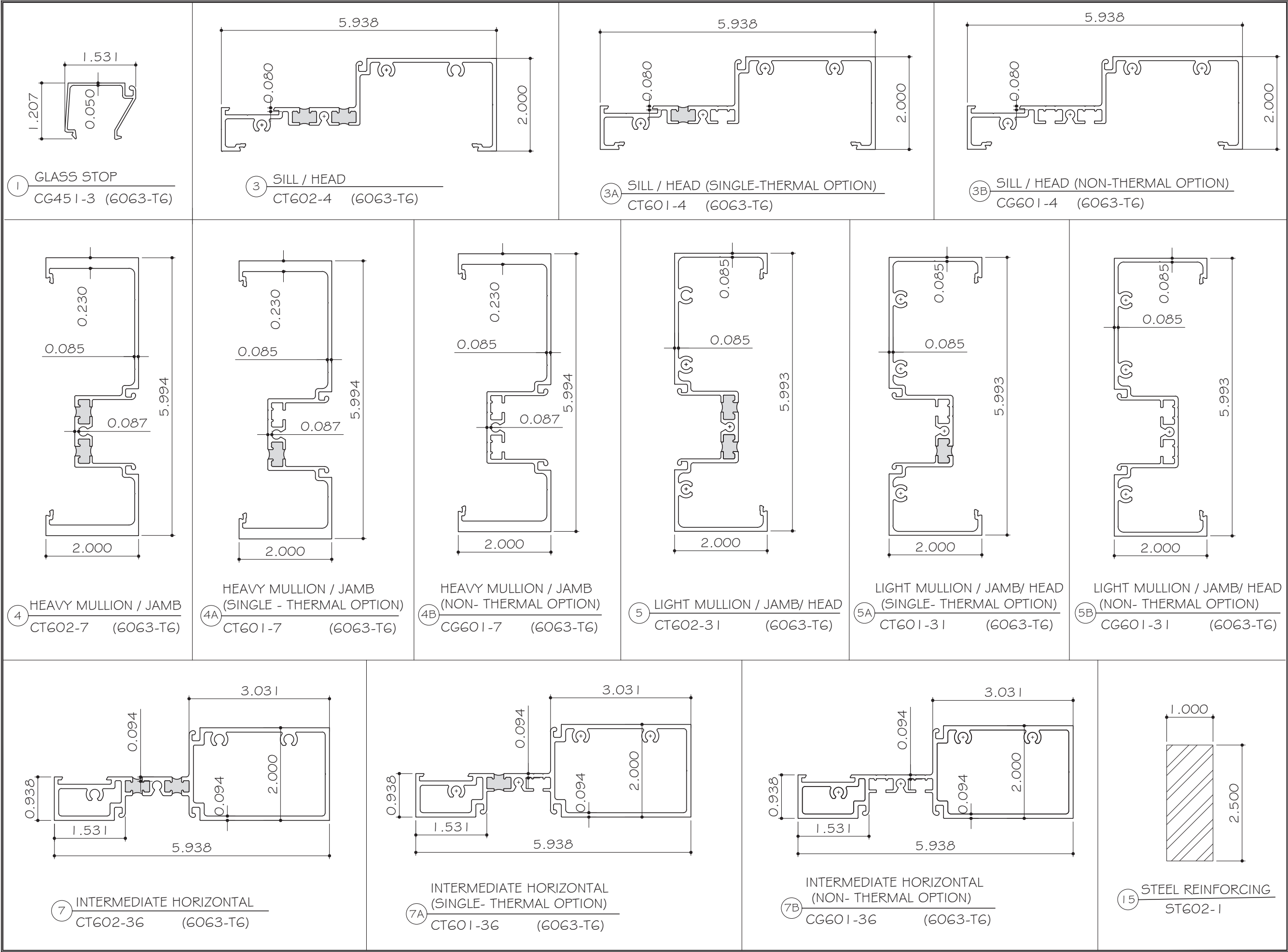
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DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

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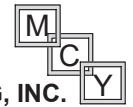
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PRODUCT:
**Series CG601/
CT601/ CT 602**
ALUMINUM
STOREFRONT
WALL - NI

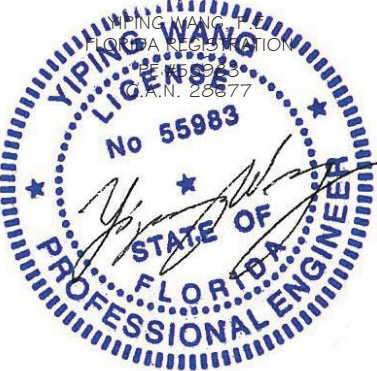


PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

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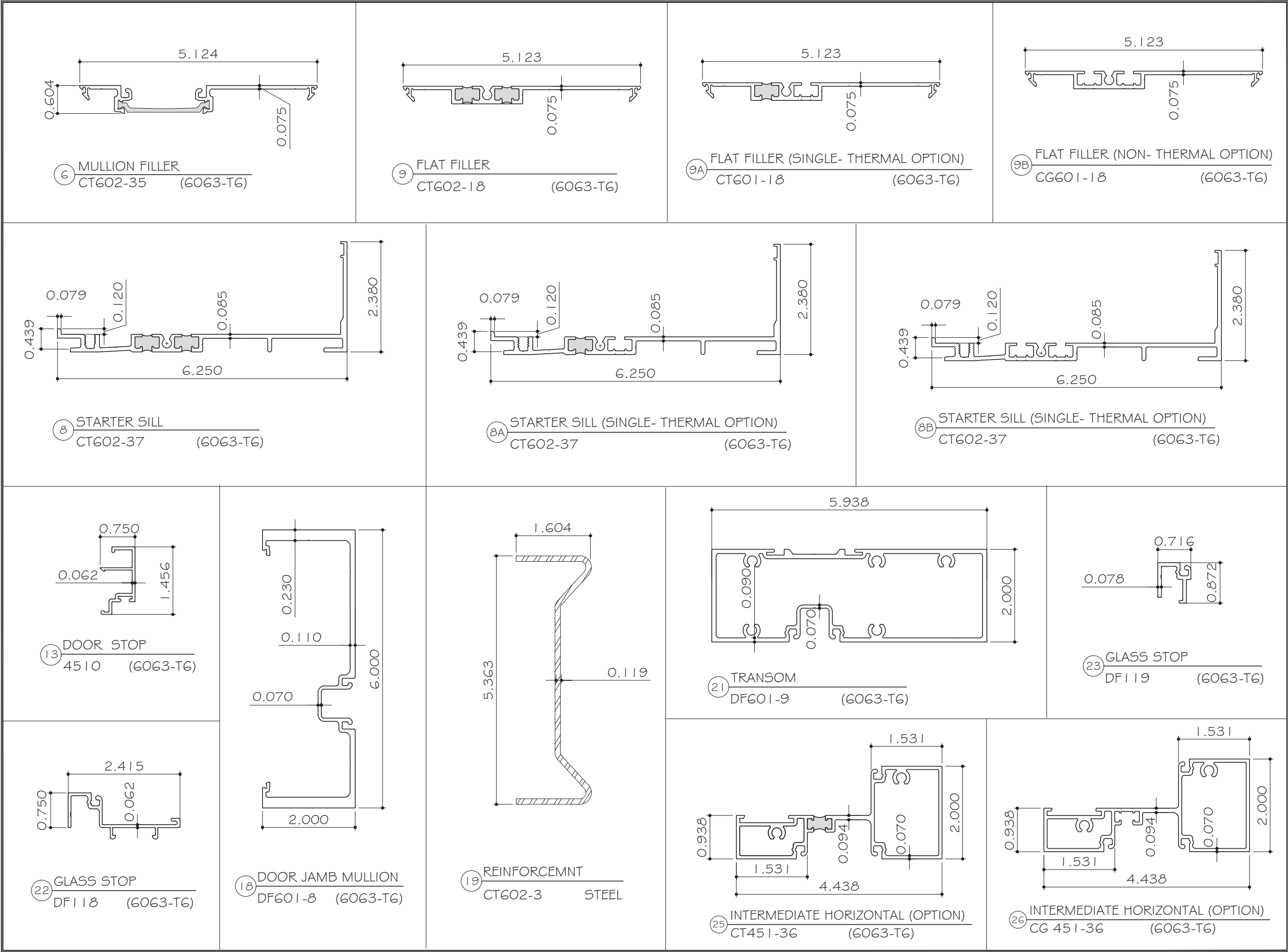
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FL# 31651.1

SHEET TITLE:
P01

DRAWN: James
DATE: 08.11.2023
DWG: AD20-01

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PRODUCT:

Series CG601/
CT601/ CT 602
ALUMINUM
STOREFRONT
WALL - NI

Resistor
PRODUCT SERIES

REV#	DATE/REMARKS
R2	FBC 2023

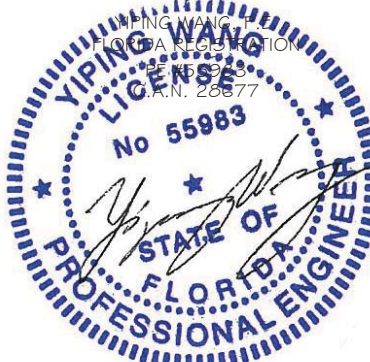
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P01

DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

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ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	CG451-3	AS REQD.	GLASS STOP	6063-T6 ALUM	BONNEL
2	DA101	AS REQD.	RIGID PVC JAMB FILLER	PVC	IMPERIAL PLASTIC
3	CT602-4	AS REQD.	SILL / HEAD	6063-T6 ALUM	BONNEL
3A	CT601-4	AS REQD.	SILL / HEAD	6063-T6 ALUM	BONNEL
3B	CG601-4	AS REQD.	SILL / HEAD	6063-T6 ALUM	BONNEL
4	CT602-7	AS REQD.	HEAVY DUTY VERTICAL MULLION	6063-T6 ALUM	BONNEL
4A	CT601-7	AS REQD.	HEAVY DUTY VERTICAL MULLION	6063-T6 ALUM	BONNEL
4B	CG601-7	AS REQD.	HEAVY DUTY VERTICAL MULLION	6063-T6 ALUM	BONNEL
5	CT602-31	AS REQD.	LIGHT MULLION/ JAMB	6063-T6 ALUM	BONNEL
5A	CT601-31	AS REQD.	LIGHT MULLION/ JAMB	6063-T6 ALUM	BONNEL
5B	CG601-31	AS REQD.	LIGHT MULLION/ JAMB	6063-T6 ALUM	BONNEL
6	CT602-35	AS REQD.	MULLION FILLER	6063-T6 ALUM	BONNEL
7	CT602-36	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6 ALUM	BONNEL
7A	CT601-36	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6 ALUM	BONNEL
7B	CG601-36	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6 ALUM	BONNEL
8	CT602-37	AS REQD.	STARTER SILL	6063-T6 ALUM	BONNEL
8A	CT601-37	AS REQD.	STARTER SILL	6063-T6 ALUM	BONNEL
8B	CG601-37	AS REQD.	STARTER SILL	6063-T6 ALUM	BONNEL
9	CT602-18	AS REQD.	FLAT FILLER	6063-T6 ALUM	BONNEL
9A	CT601-18	AS REQD.	FLAT FILLER	6063-T6 ALUM	BONNEL
9B	CG601-18	AS REQD.	FLAT FILLER	6063-T6 ALUM	BONNEL
10	RG-1	AS REQD.	GLAZING GASKET	EPDM, DURO 65 ±5	TREMCO / GRP
11	RSB-3	AS REQD.	SETTING BLOCK	EPDM	TREMCO / GRP
12	WD-451-1	AS REQD.	WATER DEFLECTOR	ABS PLASTIC	UNITED PLASTIC
13	4510	AS REQD.	DOOR STOP	6063-T6 ALUM	BONNEL
14	ED-450-1	2/ LITE	END DAM AT SILL FLASHING	ABS PLASTIC	UNITED PLASTIC
15	ST602-1	AS REQD.	1" X 2.5" STEEL REINFORCEMENT	STEEL	VARIES
16	23177	(2) PER SIDE OF MULLION /JAMB	1/4-14 X 1" HWH-F	ZINC COATED STEEL	ALLOY FASTENER
17	FAS14-2	AS REQD.	1/4" - 14X1" HWH-F MS	ZINC COATED STEEL	ALLOY FASTENER - (2) ON EA. ENDS OF HORIZ. MEMBER
18	DF601-8	AS REQD.	DOOR JAMB MULLION	6063-T6 ALUM	BONNEL
19	ST602-3	AS REQD.	REINFORCEMENT	STEEL	VARIES
20	FAS8-4	2	#8-18 X 3/8" PPH-AB MS	STEEL	ALLOY FASTENER - (1) 2" ON EA. SIDE OF VERT. MULLION # (1) @ MIDPOINT
21	DF601-9	AS REQD.	TRANSOM	6063-T6 ALUM	BONNEL
22	DF118	AS REQD.	GLASS TOP	6063-T6 ALUM	BONNEL
23	DF119	AS REQD.	GLASS TOP	6063-T6 ALUM	BONNEL
24	RSB-19	AS REQD.	TRANSOM SETTING BLOCK (4" LONG)	EPDM, DURO 85 ±5	TREMCO/ GRP
25	CT451-36	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6 ALUM	BONNEL
26	CG451-36	AS REQD.	INTERMEDIATE HORIZONTAL	6063-T6 ALUM	BONNEL



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PRODUCT:

Series CG601/
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ALUMINUM
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PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

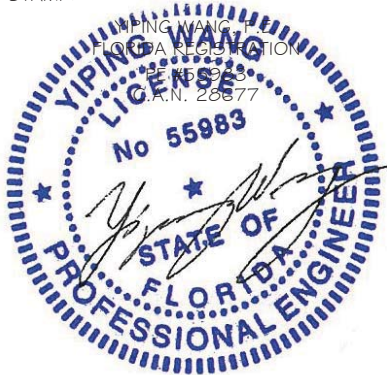
ENGINEER:



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August 11th, 2023

FLORIDA APPROVAL:

FL# 31651.1

SHEET TITLE:

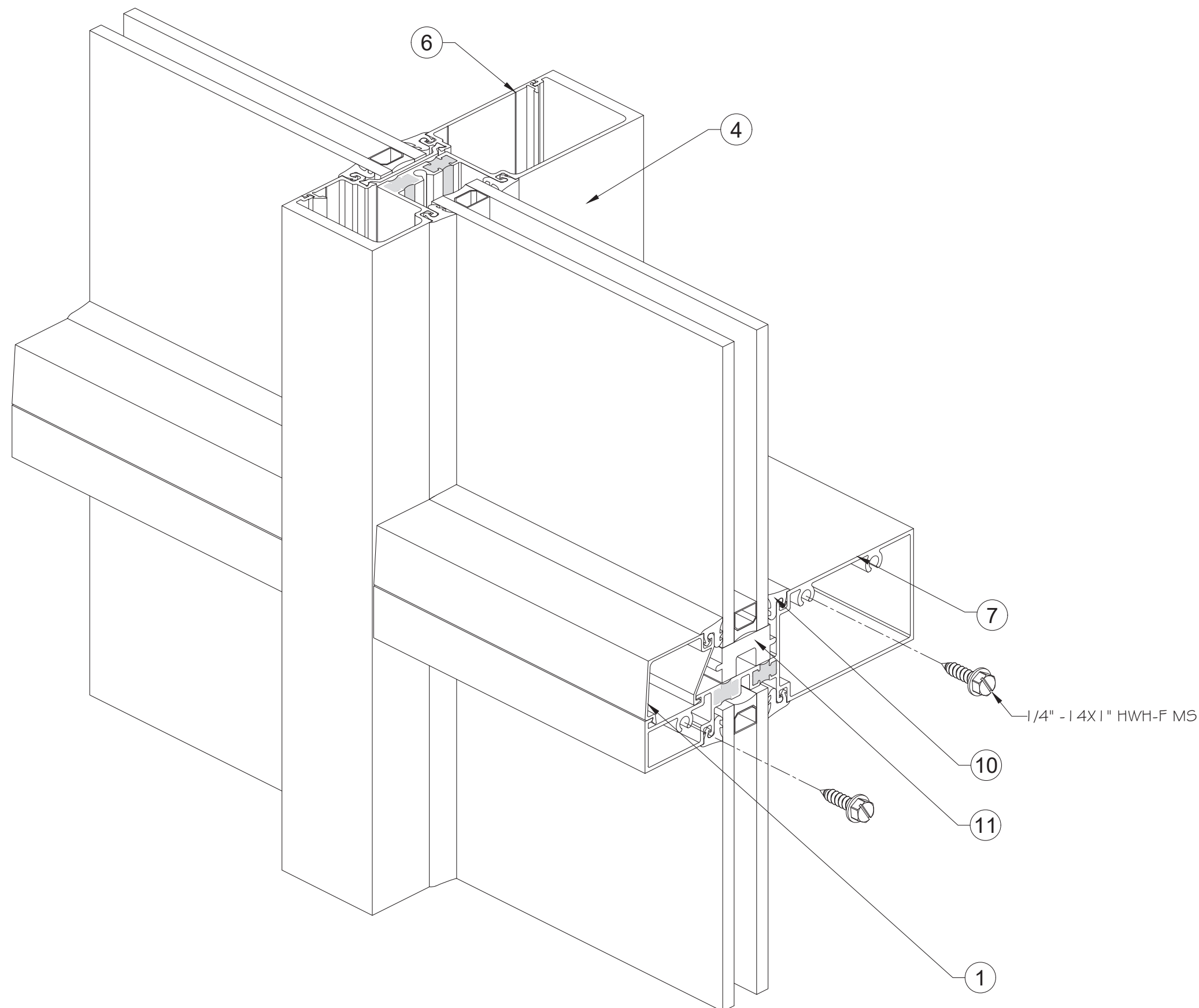
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DRAWN: James

DATE: 08.11.2023

DWG: AD20-01

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HORIZONTAL MULLION CONECTION



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PRODUCT:

Series CG601/
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ALUMINUM
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Resistor
PRODUCT SERIES

REVN	DATE/REMARKS
R2	FBC 2023

ENGINEER:

M

C

Y

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STAMP:

YIPING WANG
FLORIDA REGISTRATION
No. 55983
P.E.N. 20677

STATE OF FLORIDA
PROFESSIONAL ENGINEER

August 11th, 2023

FLORIDA APPROVAL:

FL# 31651.1

SHEET TITLE:

ISO

DRAWN: James	14 OF 14
DATE: 08.11.2023	
DWG: AD20-01	