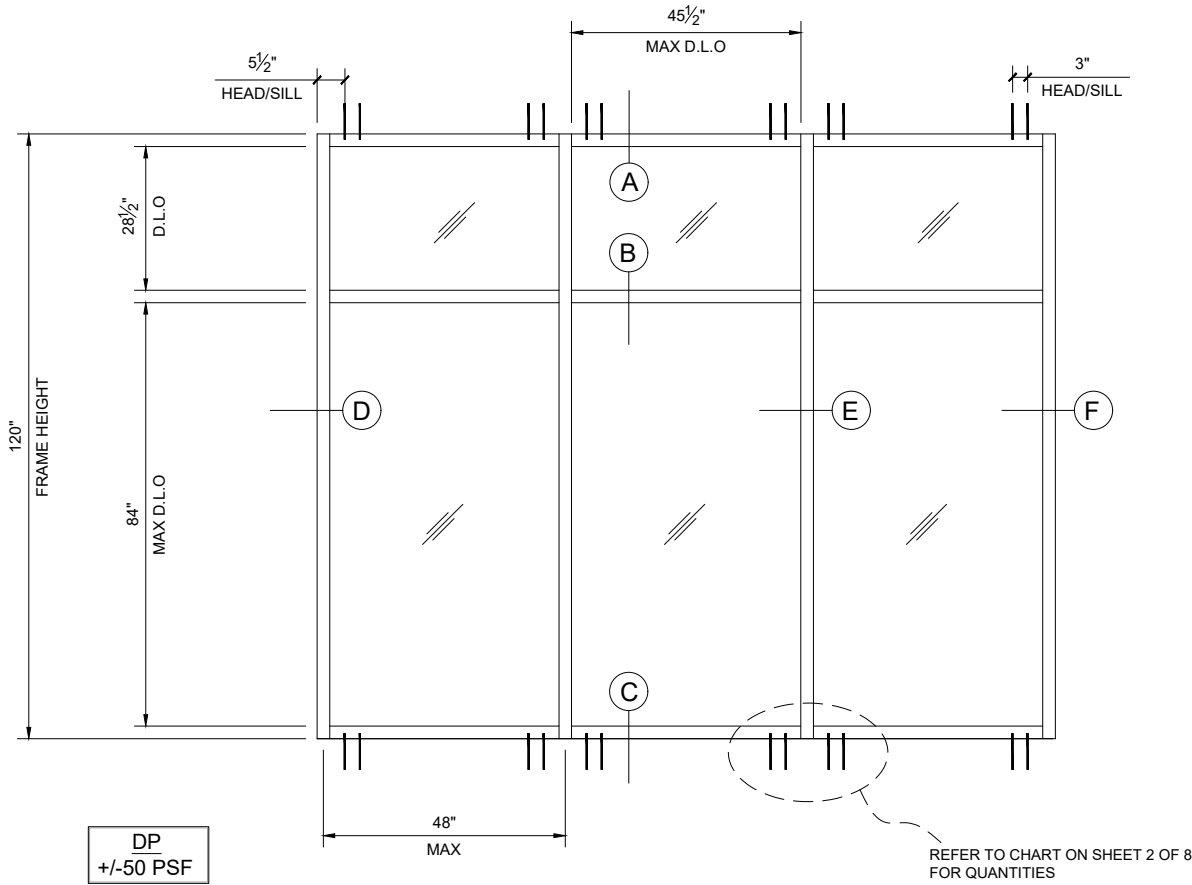
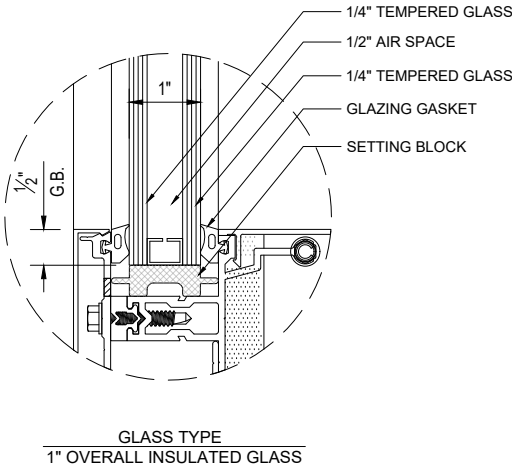


SERIES CW251 ALUMINUM CURTAIN WALL
(NON-IMPACT)



TYPICAL ELEVATION VIEW



THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE 2023 (8TH EDITION) FLORIDA BUILDING CODE AND IS NOT APPROVED FOR USE IN HIGH VELOCITY HURRICANE ZONE (HVHZ).

1 BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON ELEVATION AND INSTALLED PER MANUF'S INSTRUCTIONS. REFER TO DETAILS FOR SPECIFIED EMBEDMENT TO BASE MATERIAL AND SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

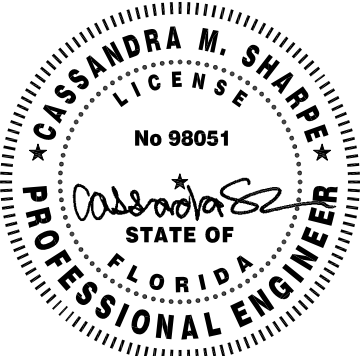
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

- A. 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.
- B. THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C. 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. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- D. THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

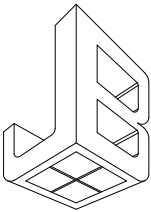
TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION, NOTES AND GLASS
2	VERTICAL SECTIONS AND ANCHORS
3	HORIZONTAL SECTIONS
4	ASSEMBLY ISOMETRICS
5	ASSEMBLY ISOMETRICS
6	BILL OF MATERIALS
7	ALUMINUM EXTRUSIONS
8	COMPONENTS

INSTRUCTIONS FOR USE:

1. DETERMINE WIND LOAD DESIGN REQUIREMENTS PER ASCE 7 STANDARD
2. REFER TO ELEVATION ON THIS SHEET FOR MAXIMUM FRAME AND DLO SIZES
3. REFER TO SHEET 2 OF 8 AND SELECT THE ANCHOR TYPE REQUIRED BASED ON THE SUBSTRATE CONDITION
4. DETERMINE YOUR PREFERRED SHIM GAP
5. REFER TO THE ANCHOR CHART ON THE SHEET 2 OF 10 AND DETERMINE THE NUMBER OF ANCHORS AND CAPACITY IN PSF (POUNDS PER SQUARE FEET) BASED ON THE REQUIRED SHIM GAP



06/17/2026



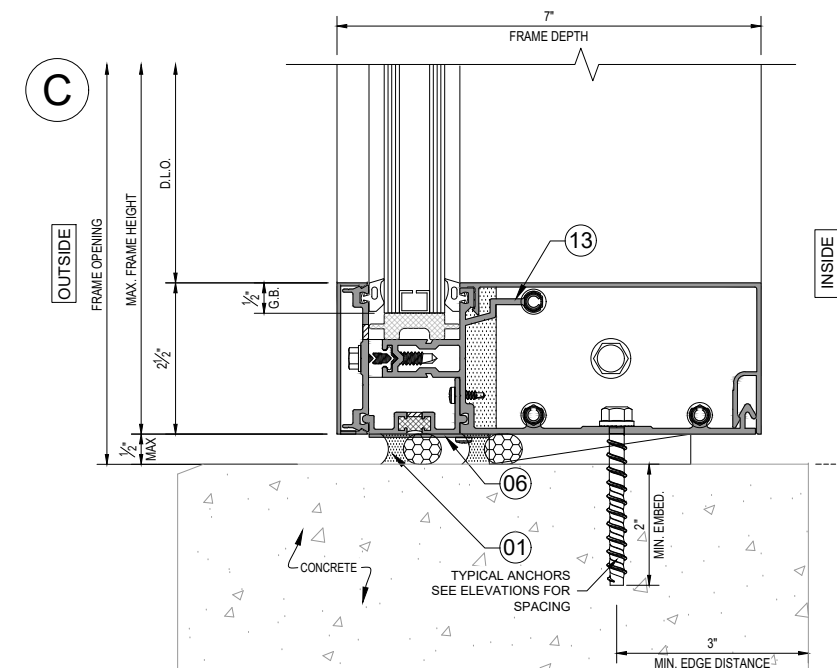
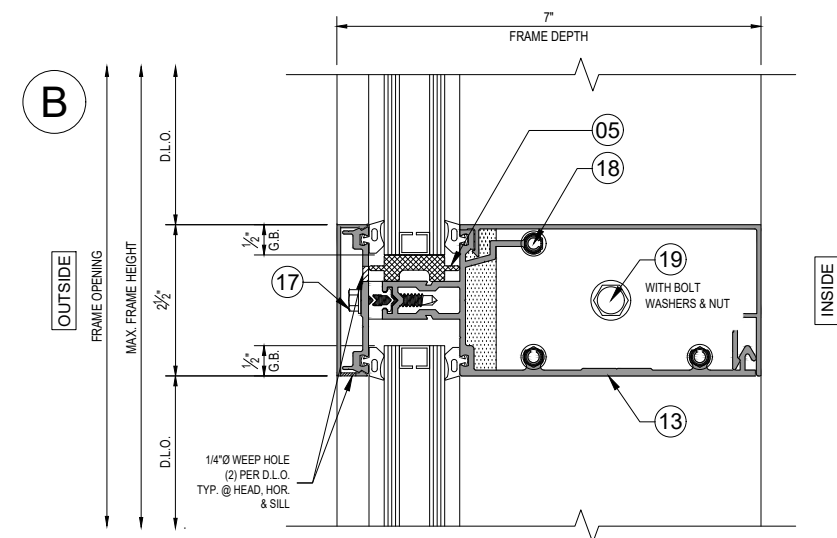
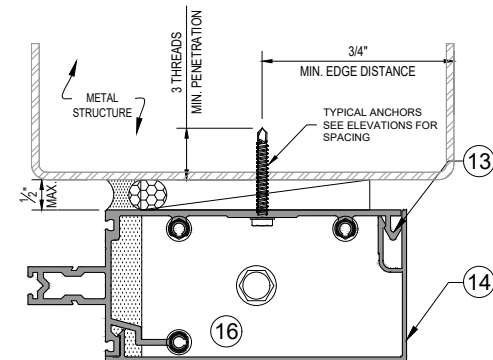
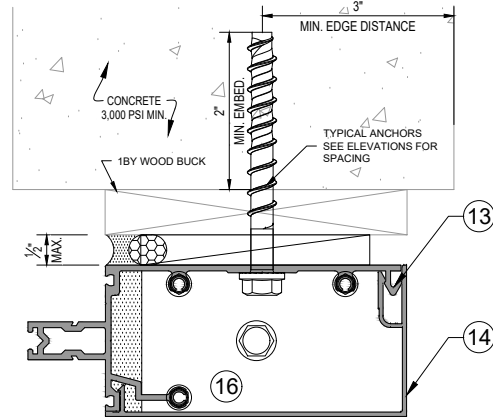
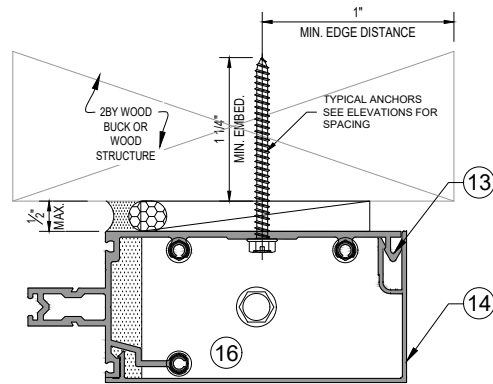
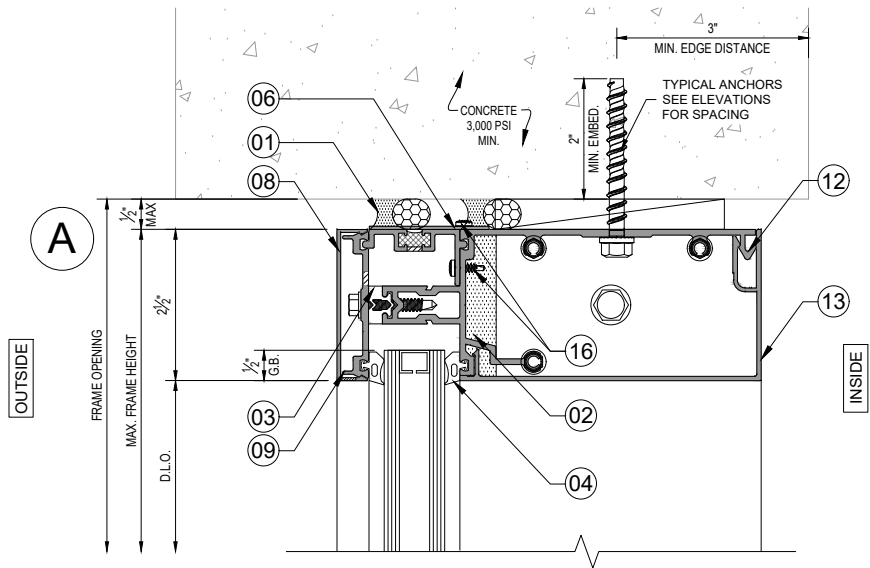
DESIGN
FAÇADE ENGINEERS

66 WEST FLAGLER STREET
SUITE 900 - #4395
MIAMI, FL 33130
TEL. 754-701-7126
WWW.JBDTEAM.COM
C.A. #33203

CW251 SERIES
ALUMINUM CURTAIN WALL SYSTEM [N]

JDC ALUMINUM SYSTEMS, INC.
1731 ADRIAN ROAD #2
BURLINGAME, CA 94010

					FOR FBC APPROVAL	Description
				AM		Drawn By
				06/17/2026		Date
				REV00		
SCALE:						
CHECKED BY:						1:1.5
DRAWN BY:						AM
ISSUE DATE:						06/17/2026
SHEET #						1 OF 8



ANCHOR LOAD CAPACITY (+/- PSF)													
NOMINAL DIMS		ANCHOR TYPE 'A'			ANCHOR TYPE 'B'			ANCHOR TYPE 'C'			ANCHOR TYPE 'D'		
		1/4" SHIM	3/8" SHIM	1/2" SHIM	1/4" SHIM	3/8" SHIM	1/2" SHIM	1/4" SHIM	3/8" SHIM	1/2" SHIM	1/4" SHIM	3/8" SHIM	1/2" SHIM
WIDTH (W)	FRAME HEIGHT	A2	A2	A2	B3	B3	B3	C2	C2	C2	D2	D2	D2
48	120	50	50	50	50	50	50	50	50	50	50	50	50

WOOD BUCKS AND METAL STRUCTURE NOT BY 'JDC ALUMINUM SYSTEMS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEVATIONS FOR SPACING

TYPE 'A' **1/4" SCREWBOLT+ ANCHOR (Fu = 100 KSI, Fy = 80 KSI)**
DIRECTLY INTO CONCRETE OR MASONRY
2" MIN. EMBEDMENT INTO CONCRETE (HEAD/SILL)
2-1/2" MIN. EMBEDMENT INTO GROUT FILLED MASONRY (HEAD/SILL)

TYPE 'B' **#14 WOOD SCREW (Fu = 75 KSI, Fy = 60 KSI)**
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1 1/4" MIN. EMBEDMENT INTO WOOD (HEAD/SILL)

TYPE 'C' **3/8" SCREWBOLT+ ANCHOR (Fu = 110 KSI, Fy = 84 KSI)**
THRU 1BY WOOD BUCK INTO CONCRETE OR MASONRY
2" MIN. EMBEDMENT INTO CONCRETE (HEAD/SILL)
3-1/4" MIN. EMBEDMENT INTO GROUT FILLED MASONRY (HEAD/SILL)

TYPE 'D' **#12-14 DRIL-FLEX OR SELF DRILLING SCREWS (GRADE 5 CRS)**
INTO F.B.C. APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/SILL)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T6 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
INTO CONCRETE AND MASONRY= 3" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE= 3/4" MIN.

WOOD AT HEAD/SILL SG = 0.50 MIN.
CONCRETE AT HEAD OR SILL f'c = 3,000 PSI MIN.
ASTM C-90° GROUT FILLED BLOCK AT HEAD/SILL f'm = 2000 PSI MIN.



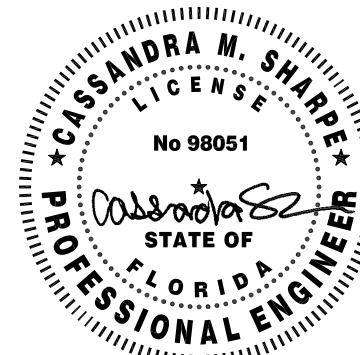
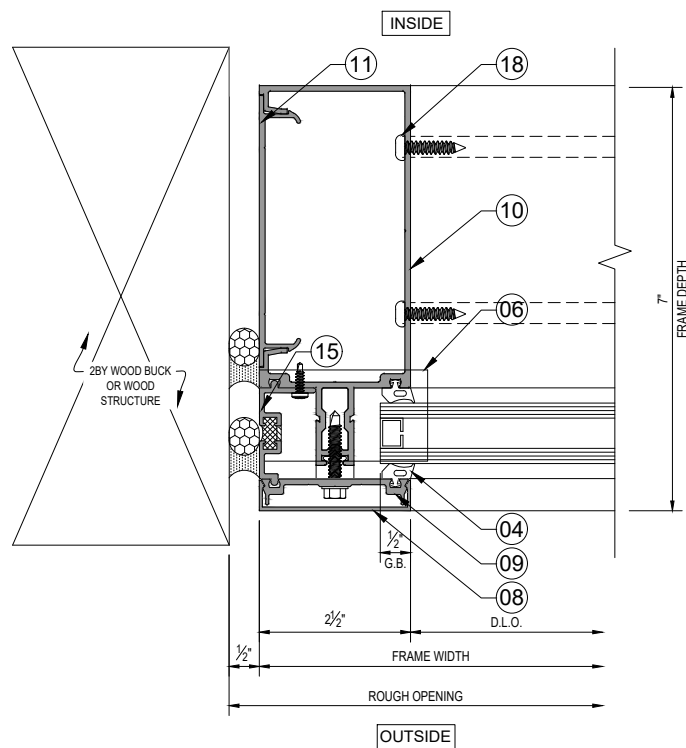
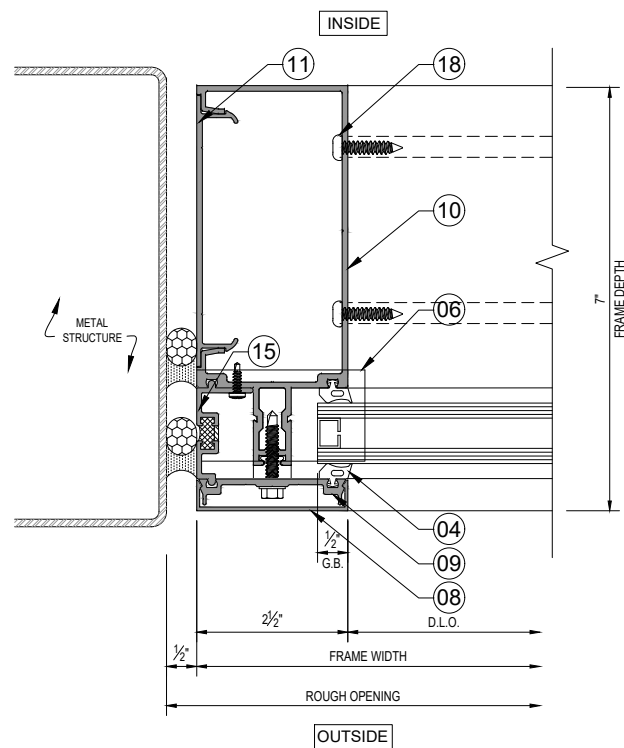
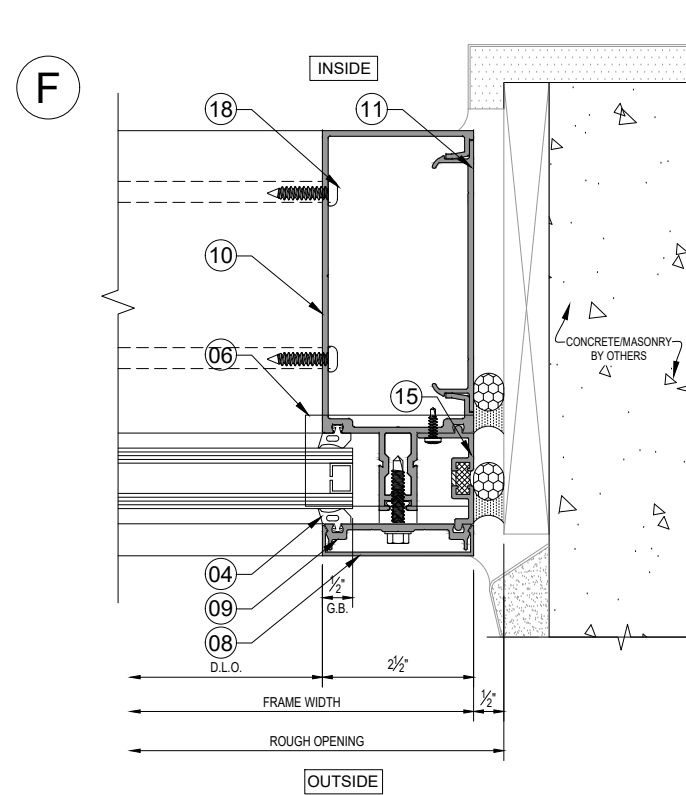
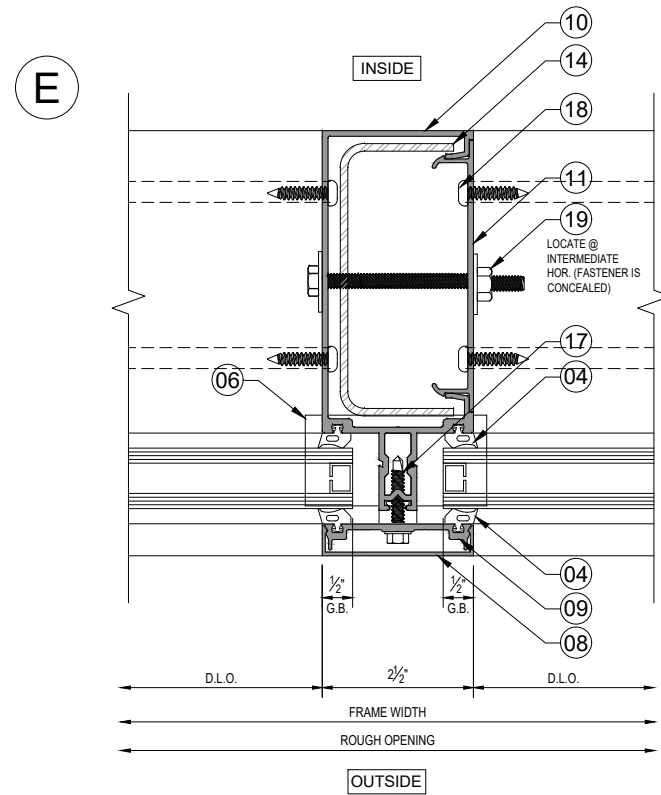
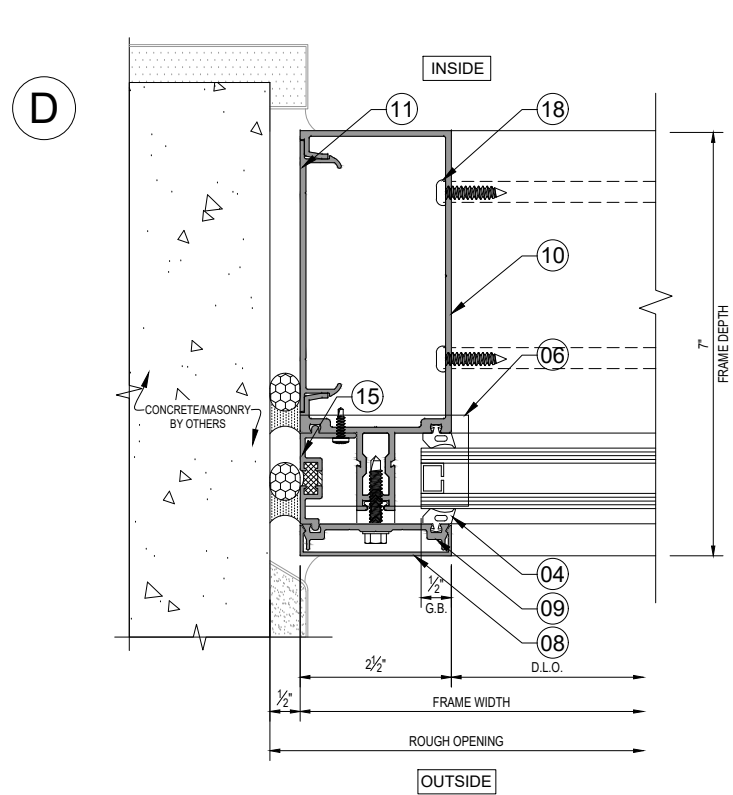
06/17/2026

CW251 SERIES
ALUMINUM CURTAIN WALL SYSTEM [N]

JDC ALUMINUM SYSTEMS, INC.
1731 ADRIAN ROAD #2
BURLINGAME, CA 94010

REV00	06/17/2026	AM	FOR FBC APPROVAL	
			Drawn By	Description

SCALE:	
CHECKED BY:	8:1
DRAWN BY:	AM
ISSUE DATE:	06/17/2026
SHEET #	



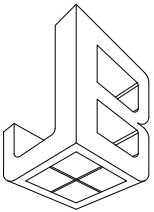
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JDC ALUMINUM SYSTEMS, INC.
1731 ADRIAN ROAD #2
BURLINGAME, CA 94010

				Description
			FOR FBC APPROVAL	
		AM	Drawn By	
		06/17/2026	Date	
		REV00		

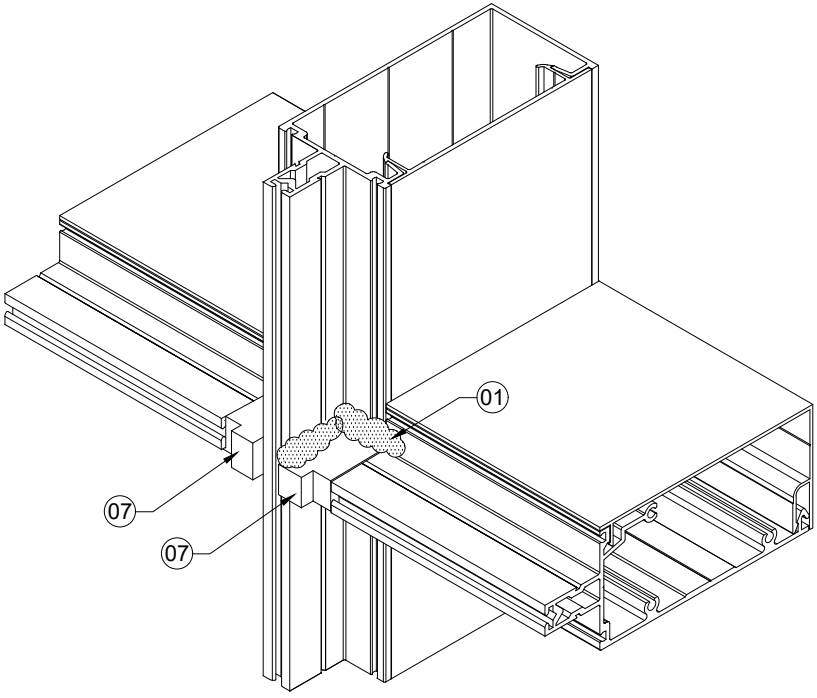
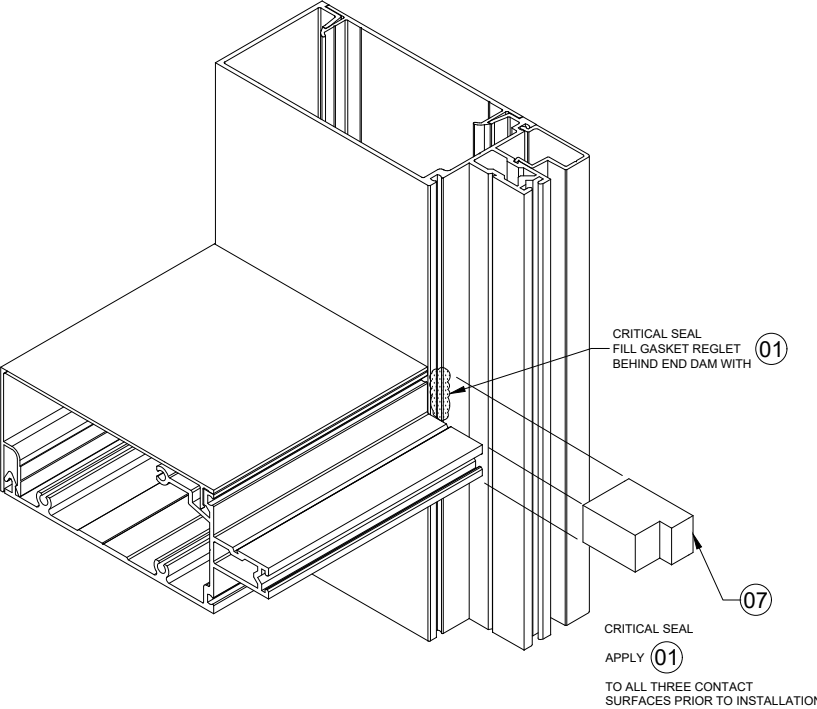
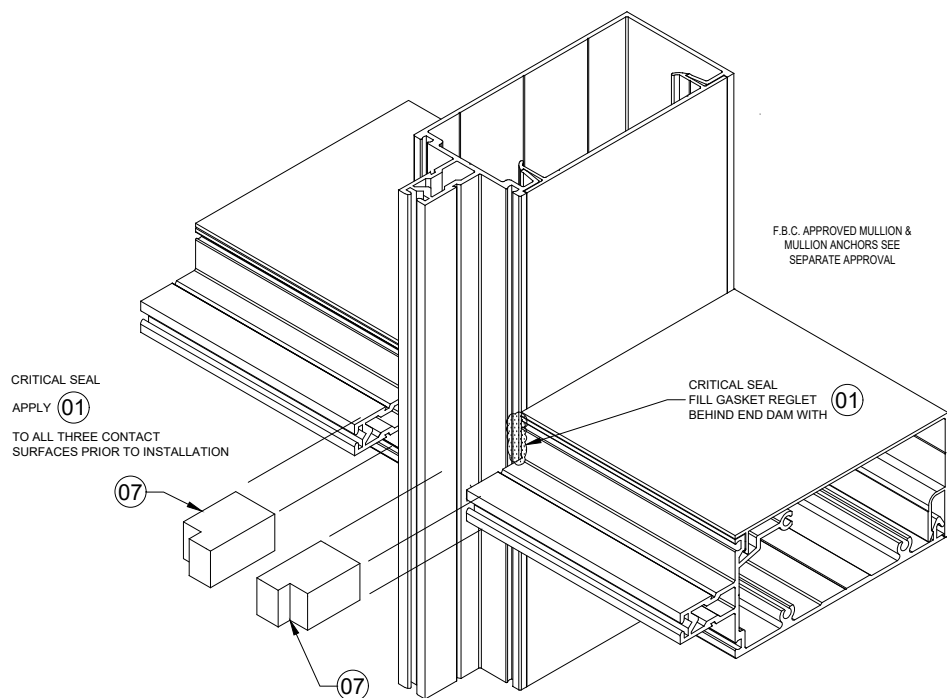
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ISSUE DATE:	06/17/2026
SHEET #	3 OF 8



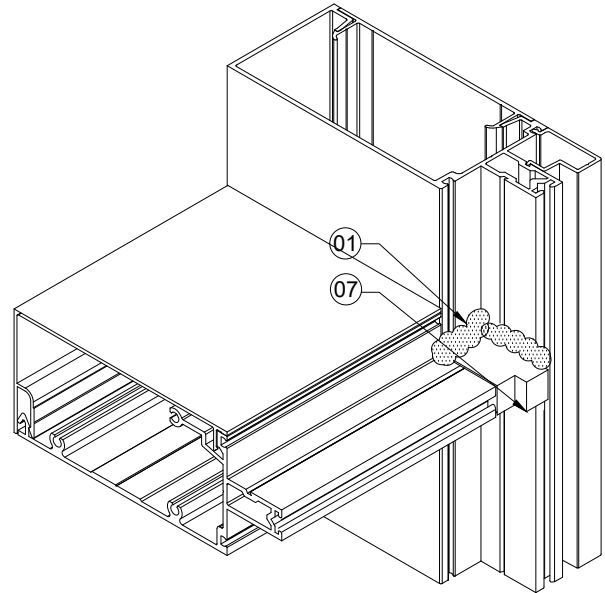
DESIGN
FAÇADE ENGINEERS
66 WEST FLAGLER STREET
SUITE 900 - #4395
MIAMI, FL 33130
TEL. 754-701-7126
WWW.JBDTEAM.COM
C.A. #33203

CW251 SERIES
ALUMINUM CURTAIN WALL SYSTEM [N1]

JDC ALUMINUM SYSTEMS, INC.
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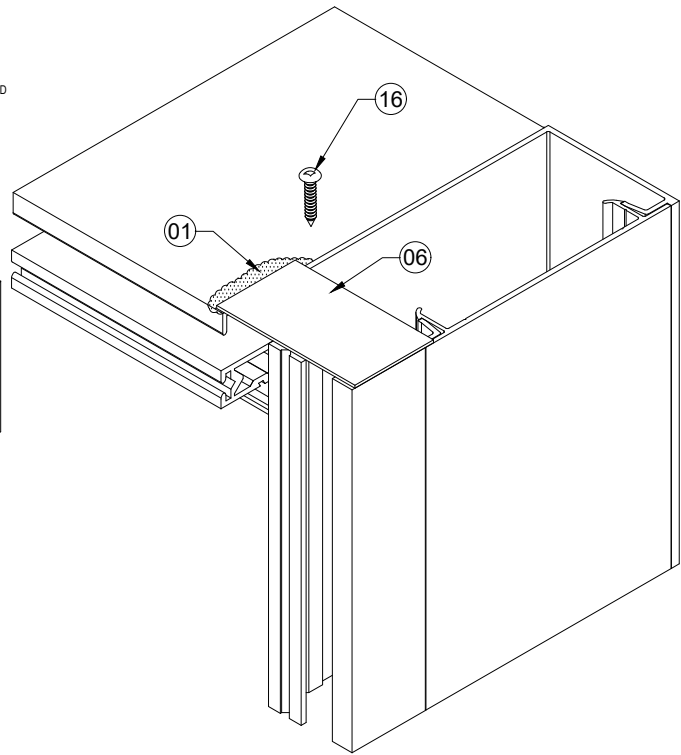
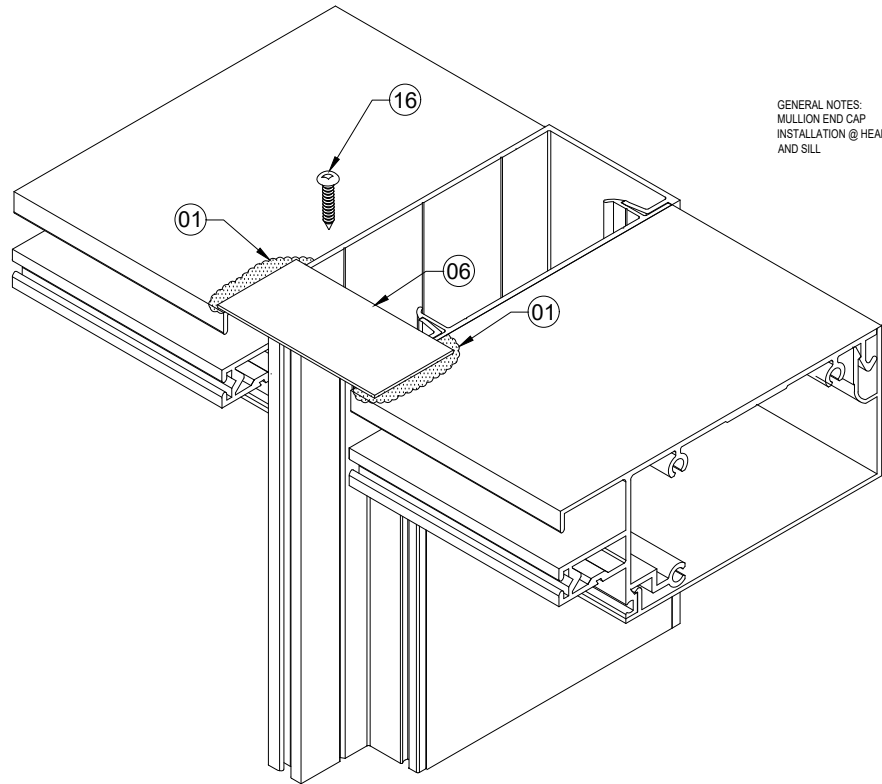
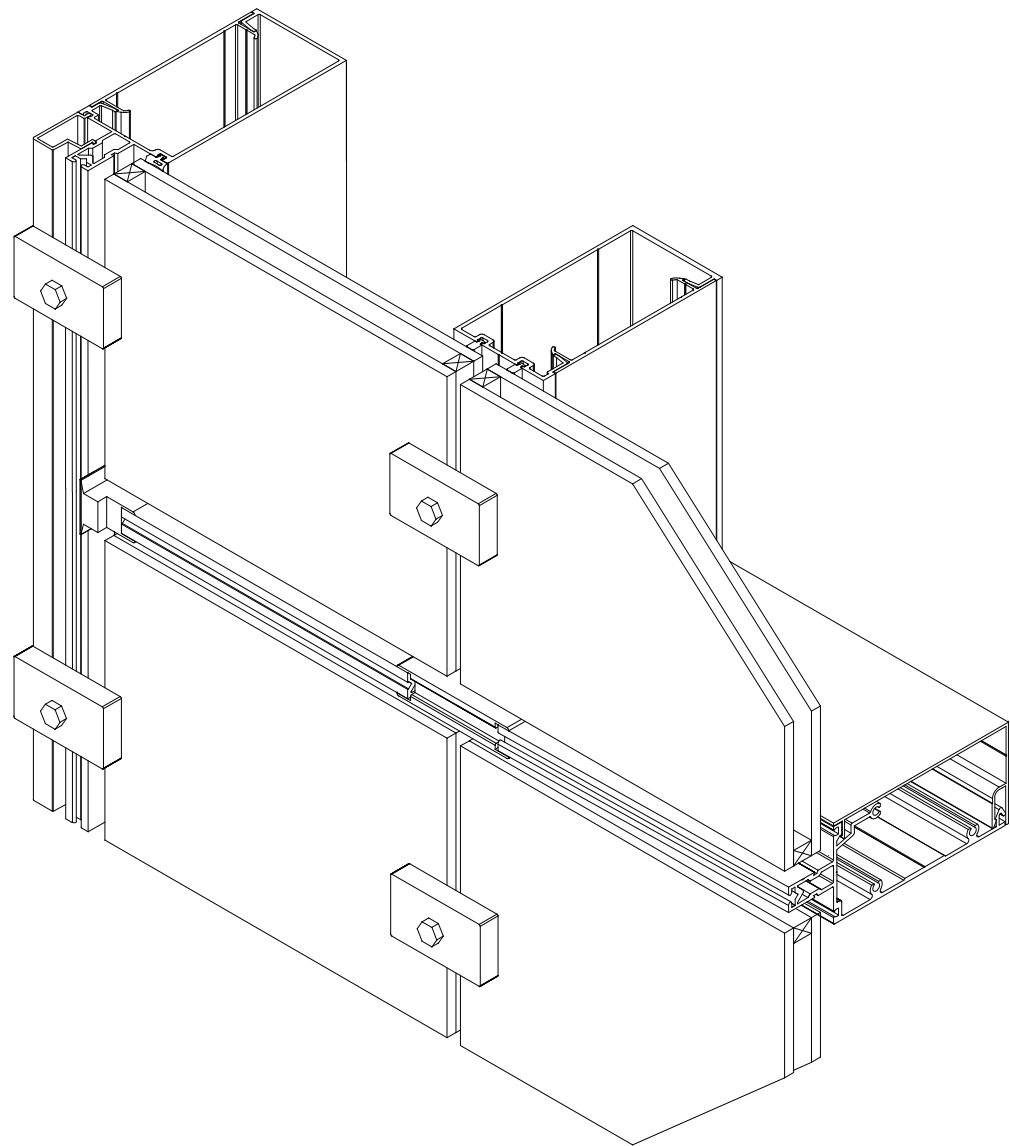


GENERAL NOTES:
END DAM INSTALLATION
AT HORIZONTAL MULLION

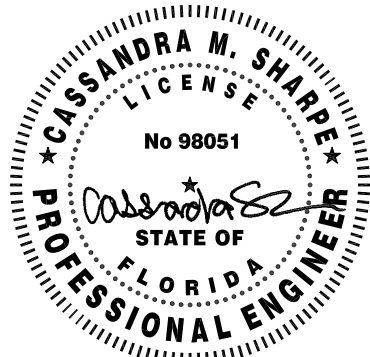


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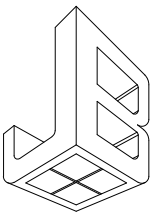
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		06/17/2026	Date	
		REV00		
SCALE: NONE				
CHECKED BY:				
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ISSUE DATE:				06/17/2026
SHEET #				4 OF 8



GENERAL NOTES:
MULLION END CAP
INSTALLATION @ HEAD
AND SILL



06/17/2026



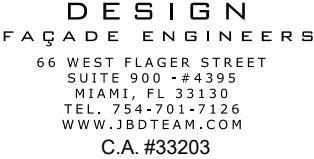
DESIGN
FAÇADE ENGINEERS
66 WEST FLAGLER STREET
SUITE 900 - #4395
MIAMI, FL 33130
TEL. 754-701-7126
WWW.JBDTEAM.COM
C.A. #33203

CW251 SERIES
ALUMINUM CURTAIN WALL SYSTEM [N]

JDC ALUMINUM SYSTEMS, INC.
1731 ADRIAN ROAD #2
BURLINGAME, CA 94010

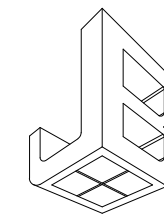
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		REV00		

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ISSUE DATE:	06/17/2026
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JDC ALUMINUM SYSTEMS, INC.
1731 ADRIAN ROAD #2
BURLINGAME, CA 94010

SCALE:	NONE
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DRAWN BY:	AM
ISSUE DATE:	06/17/2026
SHEET #	0050



DESIGN
FACADE ENGINEERS

66 WEST FLAGER STREET
SUITE 900 - #4395
MIAMI, FL 33130
TEL. 754-701-7126
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BURLINGAME, CA 94010

08

09

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EXTRUSION/PART CW205	DESCRIPTION FACE CAP	SYSTEM CW251	EXTRUSION/PART CW204	DESCRIPTION PRESSURE BAR	SYSTEM CW251	EXTRUSION/PART CW150	DESCRIPTION CAPTURED VERTICAL MULLION	SYSTEM CW251
FINISH AS REQ.		ALLOY 6063-T6	FINISH AS REQ.		ALLOY 6063-T6	FINISH AS REQ.		ALLOY 6063-T6

11

12

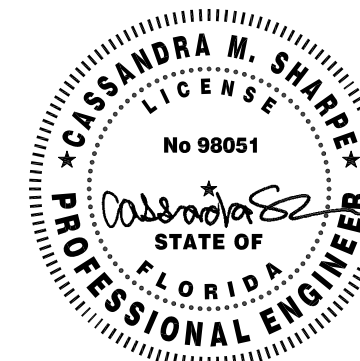
13

EXTRUSION/PART CW202	DESCRIPTION VERTICAL MULLION FILLER	SYSTEM CW251	EXTRUSION/PART CW155	DESCRIPTION HEAD/SILL/INTERMEDIATE HORIZONTAL	SYSTEM CW251	EXTRUSION/PART CW203	DESCRIPTION HEAD/SILL/HORIZONTAL TRIM	SYSTEM CW251
FINISH AS REQ.		ALLOY 6063-T6	FINISH AS REQ.		ALLOY 6063-T6	FINISH AS REQ.		ALLOY 6063-T6

14

15

EXTRUSION/PART RS151	DESCRIPTION ALUMINUM REINFORCING	SYSTEM CW251	EXTRUSION/PART CW213	DESCRIPTION CAPTURED GLZ PKT FILLER	SYSTEM CW251
FINISH AS REQ.		ALLOY 3003-ALUM	FINISH AS REQ.		ALLOY 6005-T5



06/17/2026

SCALE:	8:1
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SHEET #

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