

SERIES 1050WW CAPTURED ALUMINUM FIXED WINDOW WALL

"SMALL MISSILE IMPACT"

GENERAL NOTES:

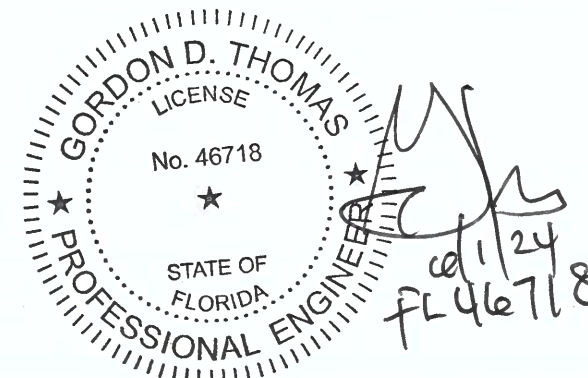
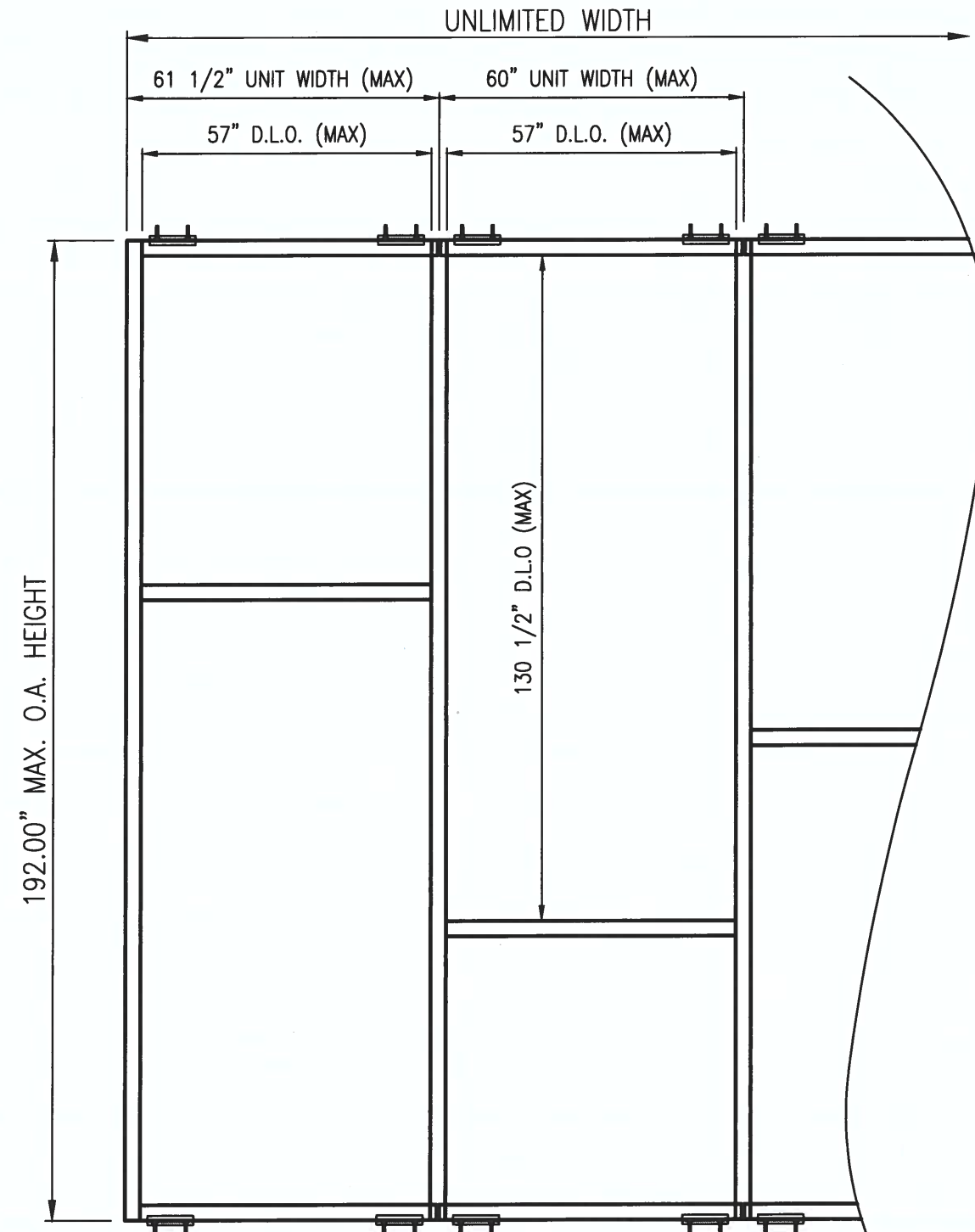
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in "HVHZ", for installation above 30 feet above grade, this product complies with Section 1626 of the Florida Building Code as a small missile impact resistant product and does not require an impact resistant covering. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1626 of the Florida Building Code.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, for installations above 30 feet above grade this product complies with Section 1609.1.2 of the 2023 FBC as a small missile impact resistant product and does not require an impact resistant covering. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with Section 1609.1.2 of the Florida Building Code.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product meets water infiltration requirements for "HVHZ".
8. Aluminum components including fasteners, shall meet the requirements of FBC Section 2003.

INDEX TO DRAWINGS

SHEET #	DESCRIPTION
1	INDEX TO DRAWINGS, DESING PRESSURES AND GENERAL NOTES
2	E1 - REINFORCED ELEVATION
3	E2 - NON REINFORCED ELEVATION
4	VERTICAL CROSS SECTIONS (DRY GLAZED)
5	VERTICAL CROSS SECTIONS (STRUCTURALLY GLAZED)
6	HORIZONTAL CROSS SECTIONS (9/16" GLAZING)
7	HORIZONTAL CROSS SECTIONS (15/16" GLAZING)
8	COMPONENTS
9	BILL OF MATERIAL, GLAZING DETAILS AND ANCHOR SCHEDULE

1050 WINDOW WALL DESIGN PRESSURE TABLE

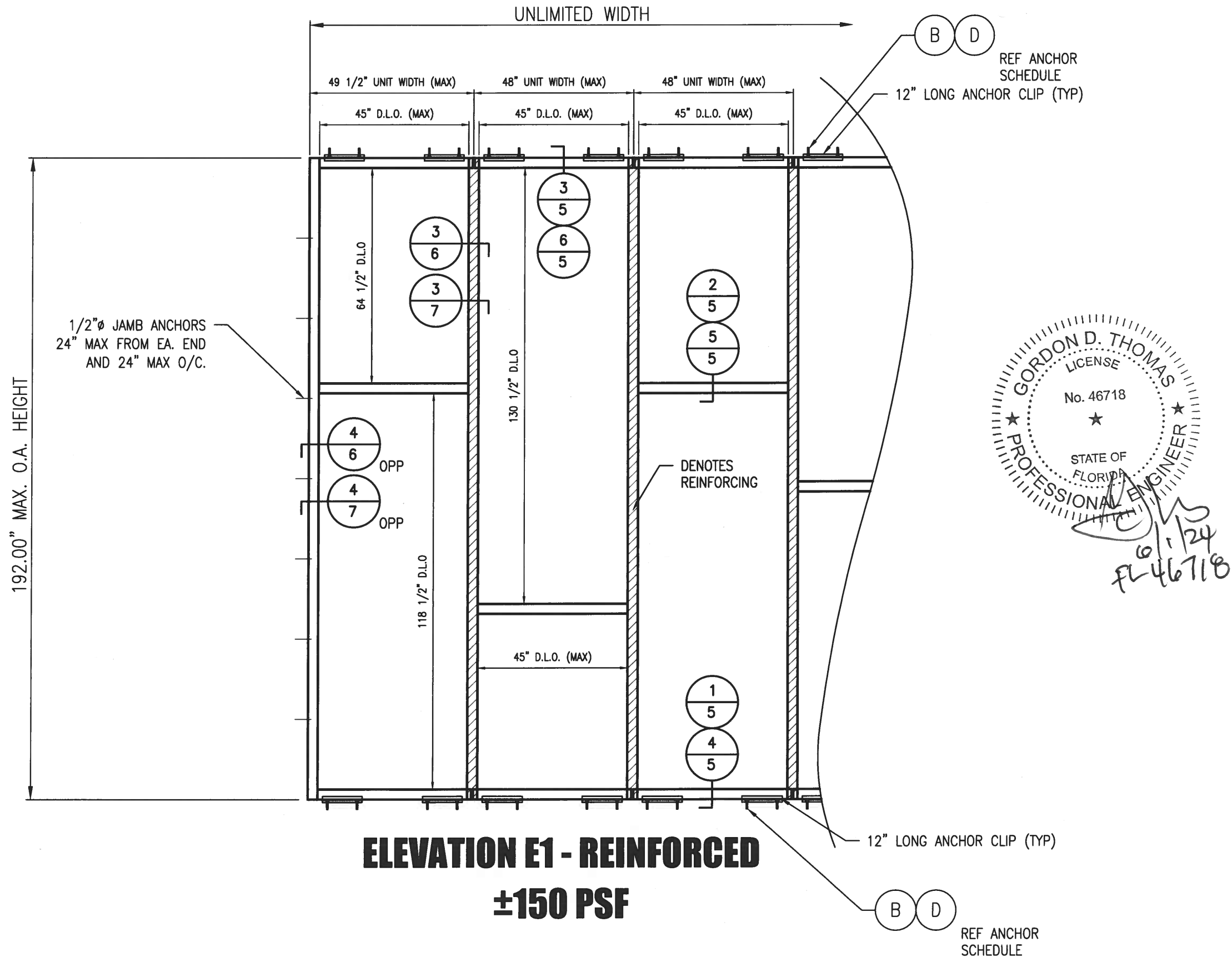
MAX UNIT HEIGHT	MAX UNIT WIDTH	REINFORCED	GLAZING TYPE	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
192"	48"	YES	G3; G4	45" x 130.5"	+150	-150
192"	60"	NO	G1; G2	57" x 130.5"	+60	-60



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PRODUCT:		SERIES 1050 WINDOW WALL SMALL MISSILE IMPACT		PART OR ASSEMBLY:		GENERAL NOTES ELEVATION AND DESIGN PRESSURES	



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PRODUCT:
SERIES 1050 WINDOW WALL
SMALL MISSILE IMPACT

PART OR ASSEMBLY:
REINFORCED ELEVATION

NO	DATE	DESCRIPTION	BY
2	5/20/24	UPDATE TO 8TH ED. (2023) FBC	ECV
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB

DATE: 07/09/18

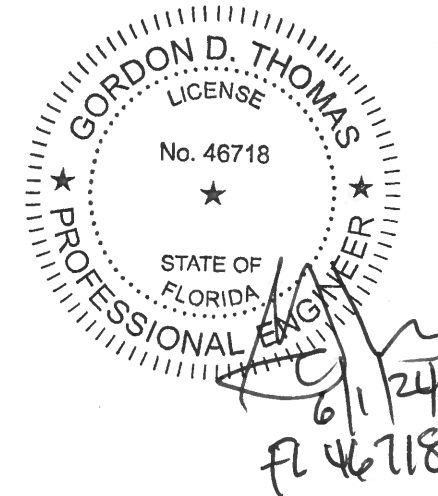
SCALE: NA

DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL21123.2

SHEET: 2 OF 9



— 9" LONG ANCHOR CLIP (TYP)

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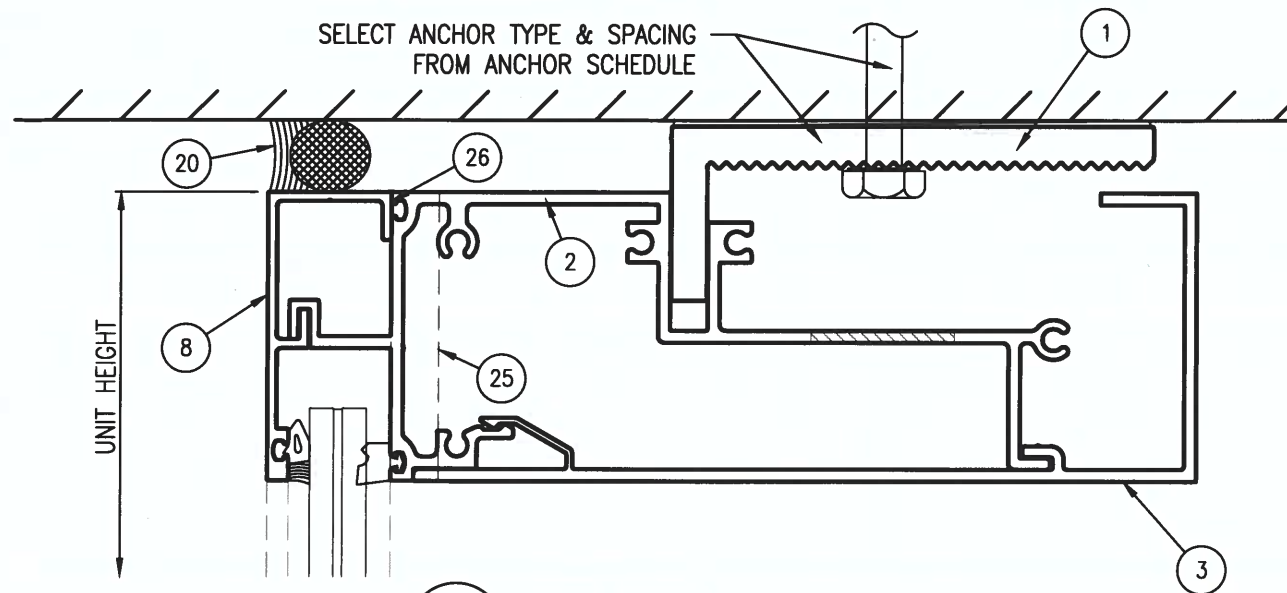


PRODUCT:
SERIES 1050 WINDOW WALL
SMALL MISSILE IMPACT

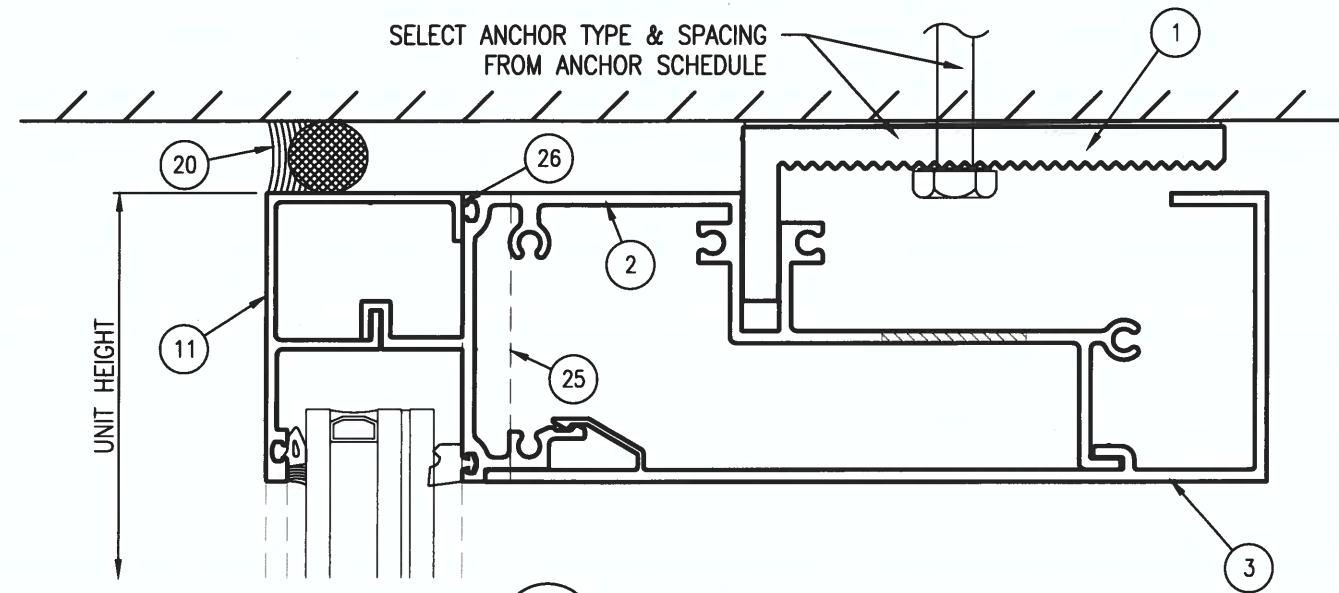
PART OR ASSEMBLY:
NON-REINFORCED ELEVATION

REVISIONS				
NO	DATE	DESCRIPTION	JOB	BY
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1	9/21/20	UPDATE TO 7TH ED. (2020)	FBC	JOB

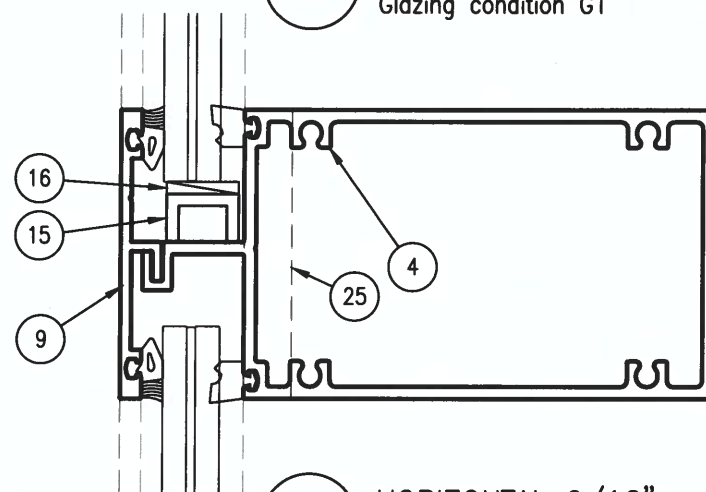
SHEET: **3** OF **9**



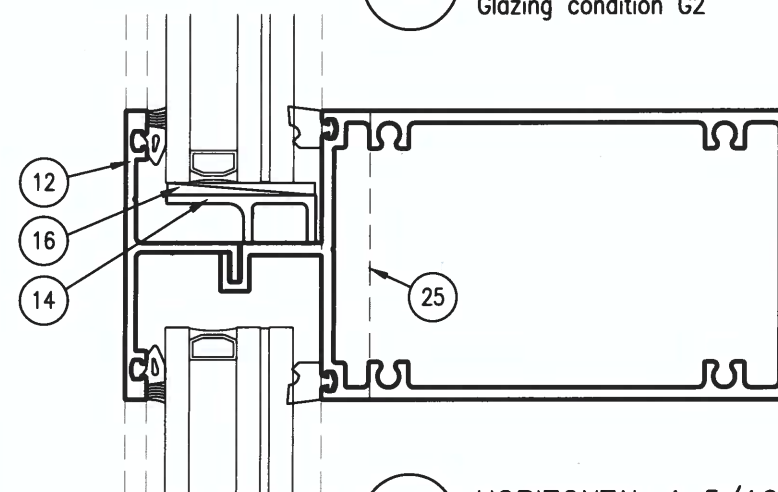
3 HEAD 9/16"
Glazing condition G1 Scale: 6" = 1'-0"



6 HEAD 1 5/16"
Glazing condition G2 Scale: 6" = 1'-0"

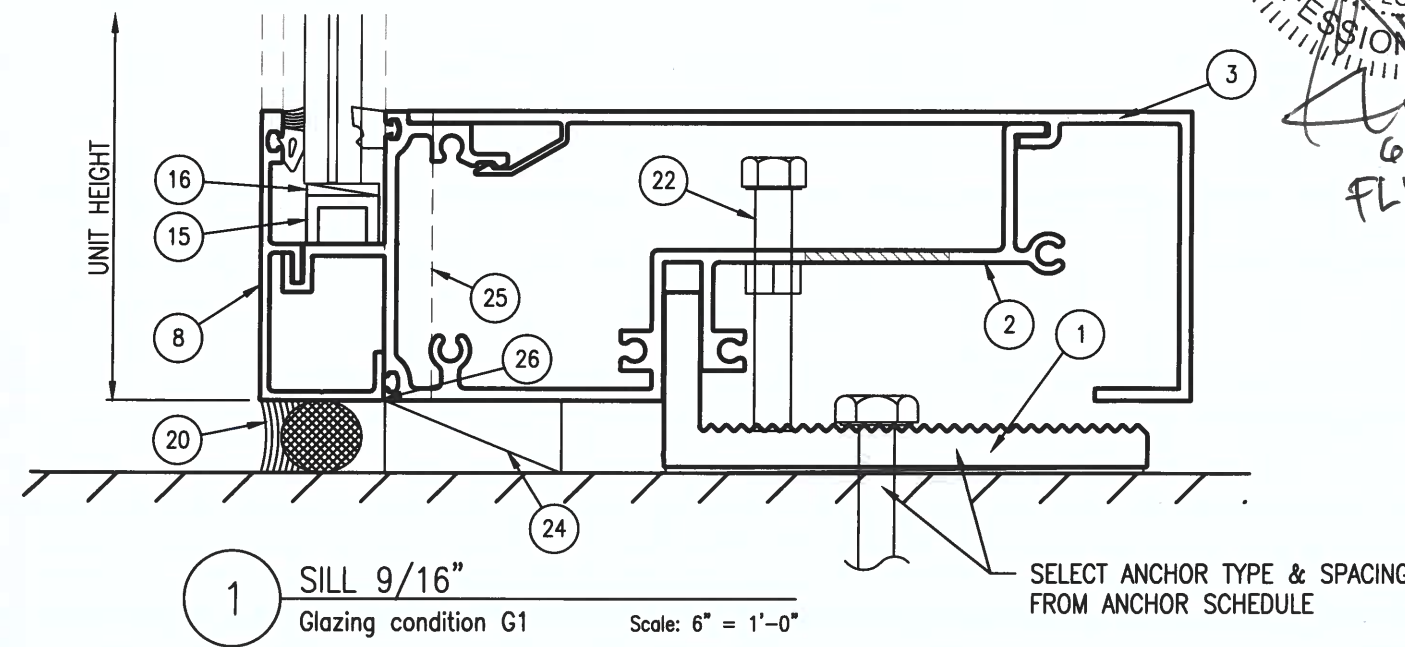
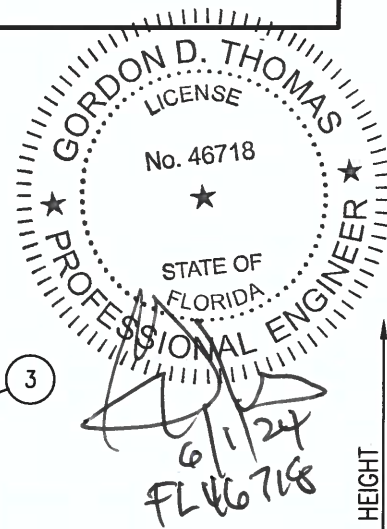


2 HORIZONTAL 9/16"
Glazing condition G1 Scale: 6" = 1'-0"

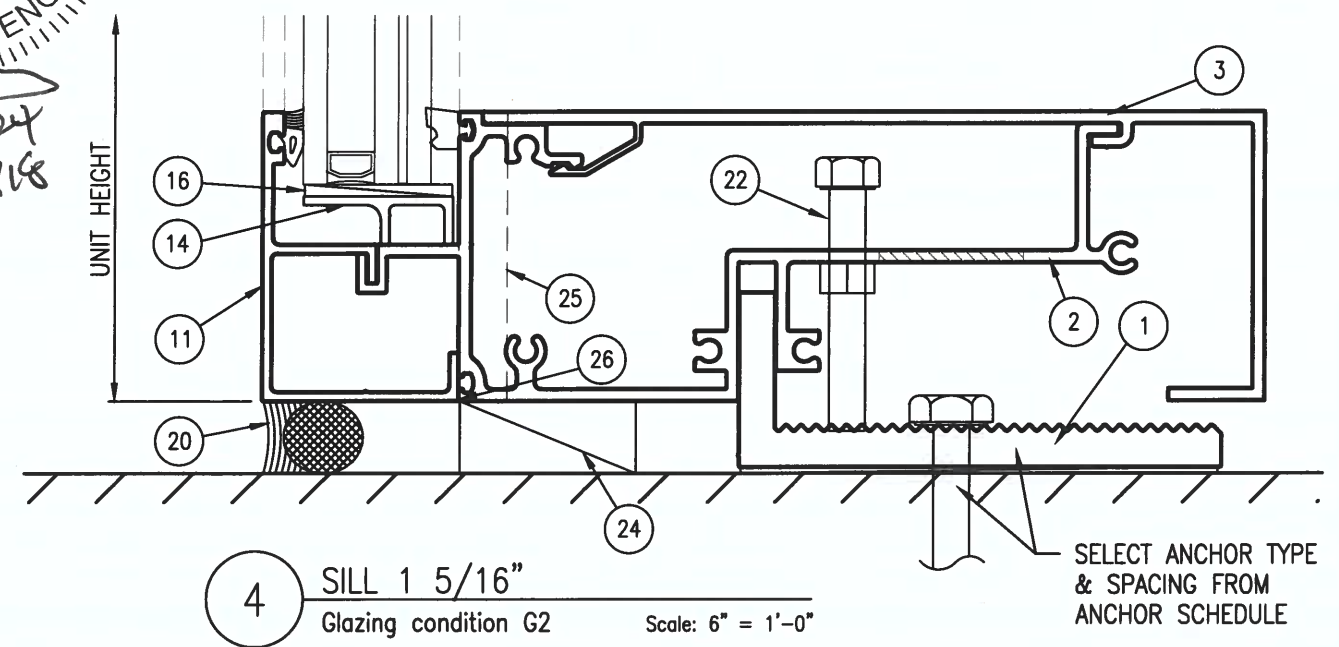


5 HORIZONTAL 1 5/16"
Glazing condition G2 Scale: 6" = 1'-0"

NOTES:
1. FRAME HEAD, SILL AND HORIZONTALS ARE ATTACHED TO JAMBS/MULLIONS AT EACH END WITH 1/4" X 1-1/2" PH SMS.
2. REFERENCE SHEET 8 FOR GLAZING DETAILS.



1 SILL 9/16"
Glazing condition G1 Scale: 6" = 1'-0"



4 SILL 1 5/16"
Glazing condition G2 Scale: 6" = 1'-0"

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PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO	DATE	DESCRIPTION	BY
2	5/20/24	UPDATE TO 8TH ED. (2023) FBC ECV	JCB
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB	JCB

DATE: 07/09/18

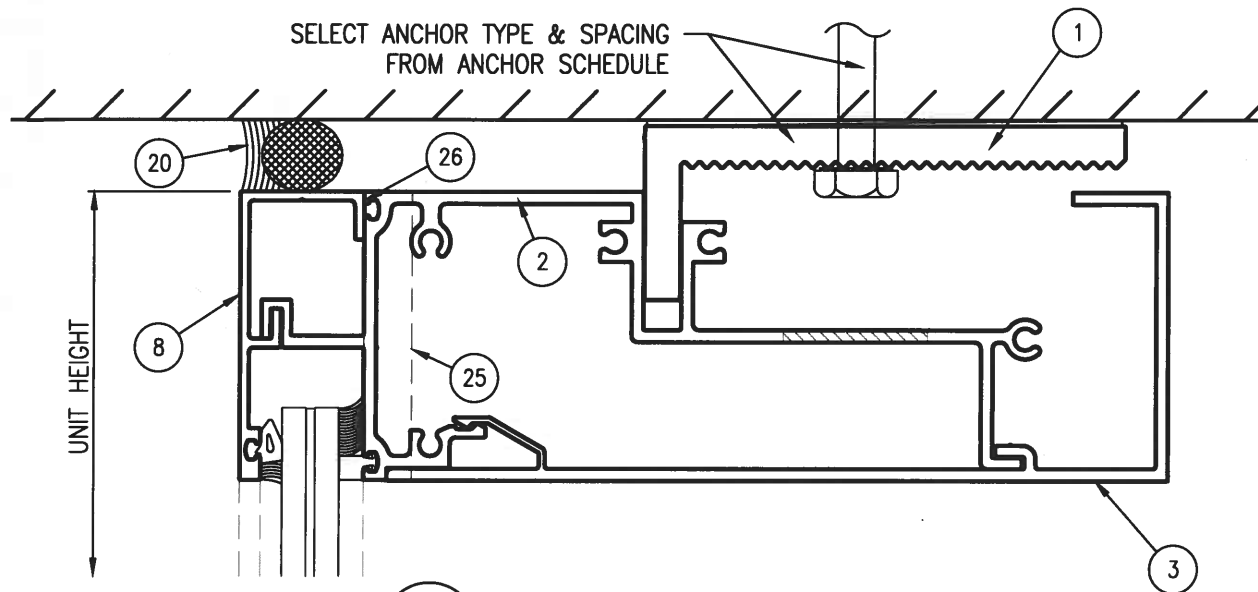
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DWG. BY: CO

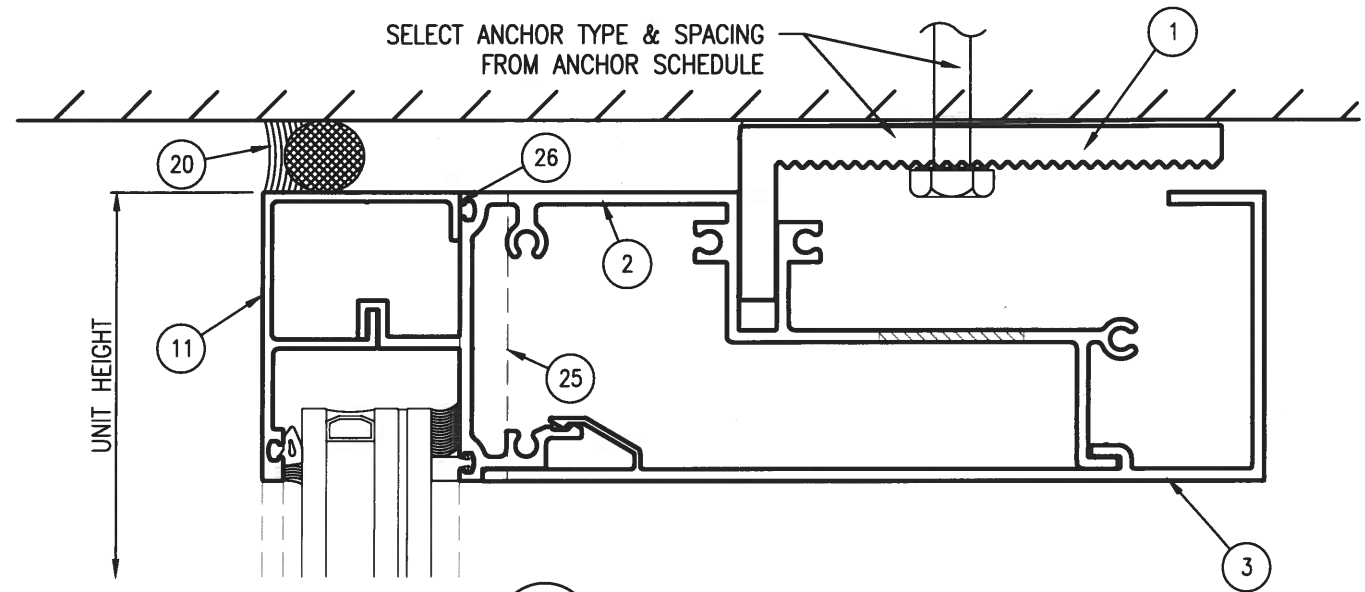
CHK BY: ECV

DRAWING NO.: FL21123.2

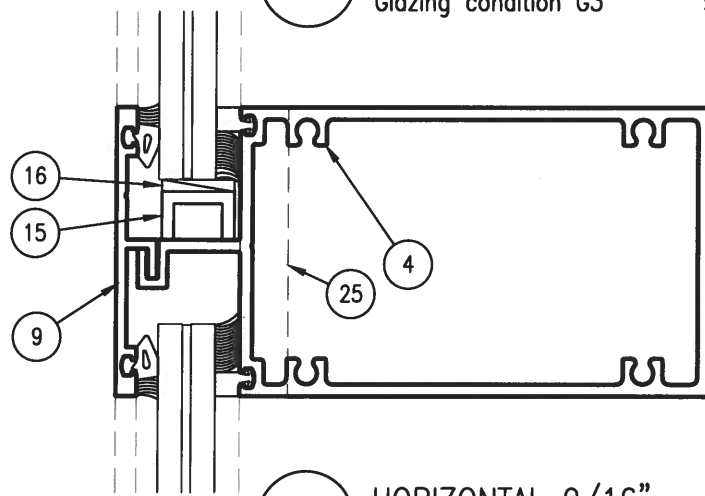
SHEET: 4 OF 9



3 HEAD 9/16"
Glazing condition G3 Scale: 6" = 1'-0"



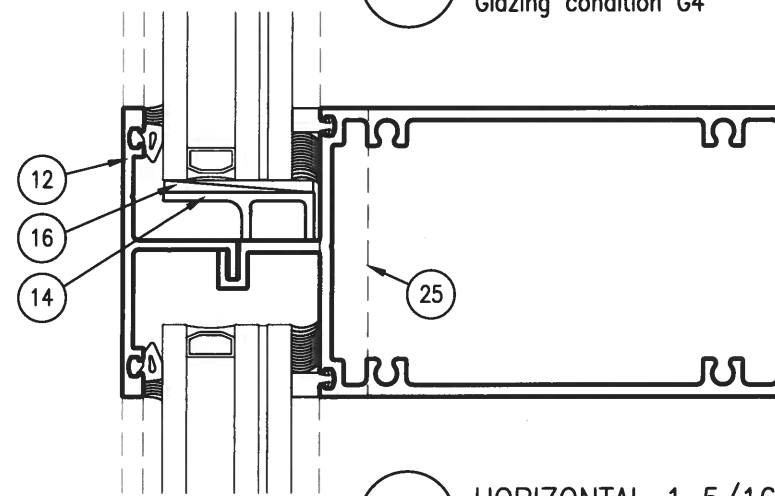
6 HEAD 1 5/16"
Glazing condition G4 Scale: 6" = 1'-0"



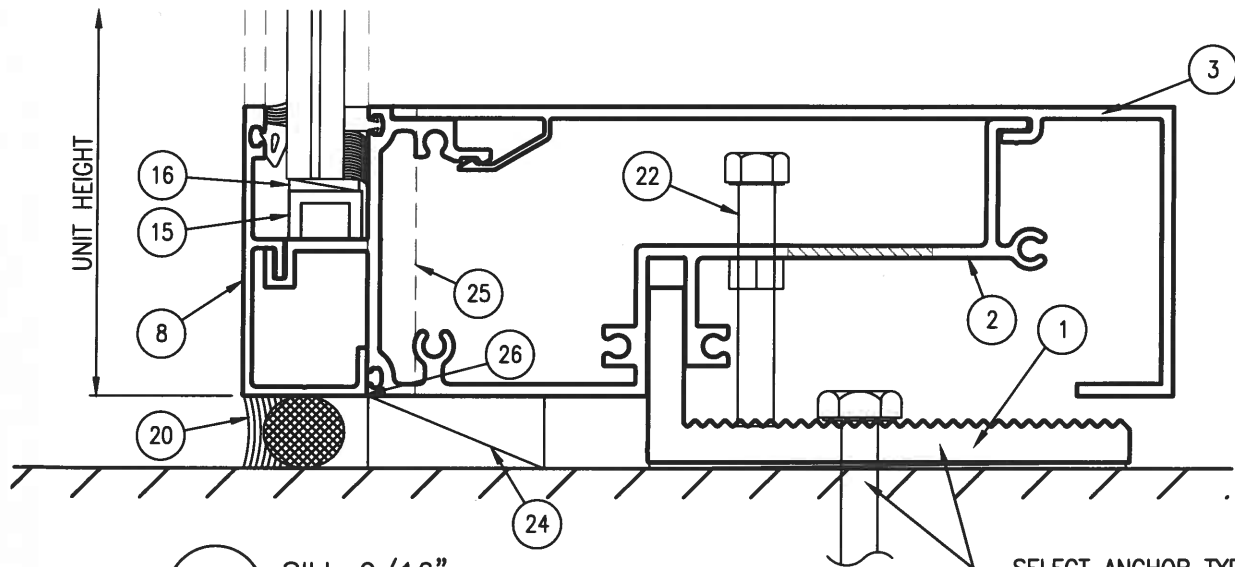
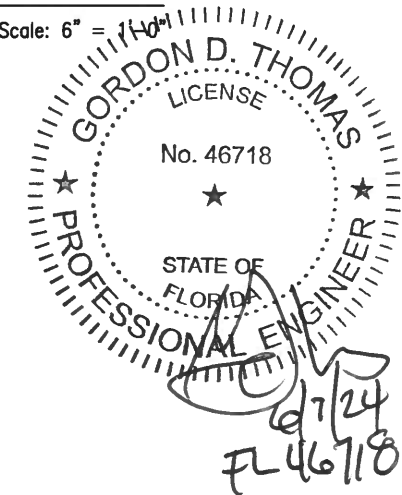
2 HORIZONTAL 9/16"
Glazing condition G3 Scale: 6" = 1'-0"

NOTES:

1. FRAME HEAD, SILL AND HORIZONTALS ARE ATTACHED TO JAMBS/MULLIONS AT EACH END WITH 1/4" X 1-1/2" PH SMS.
2. REFERENCE SHEET 8 FOR GLAZING DETAILS.

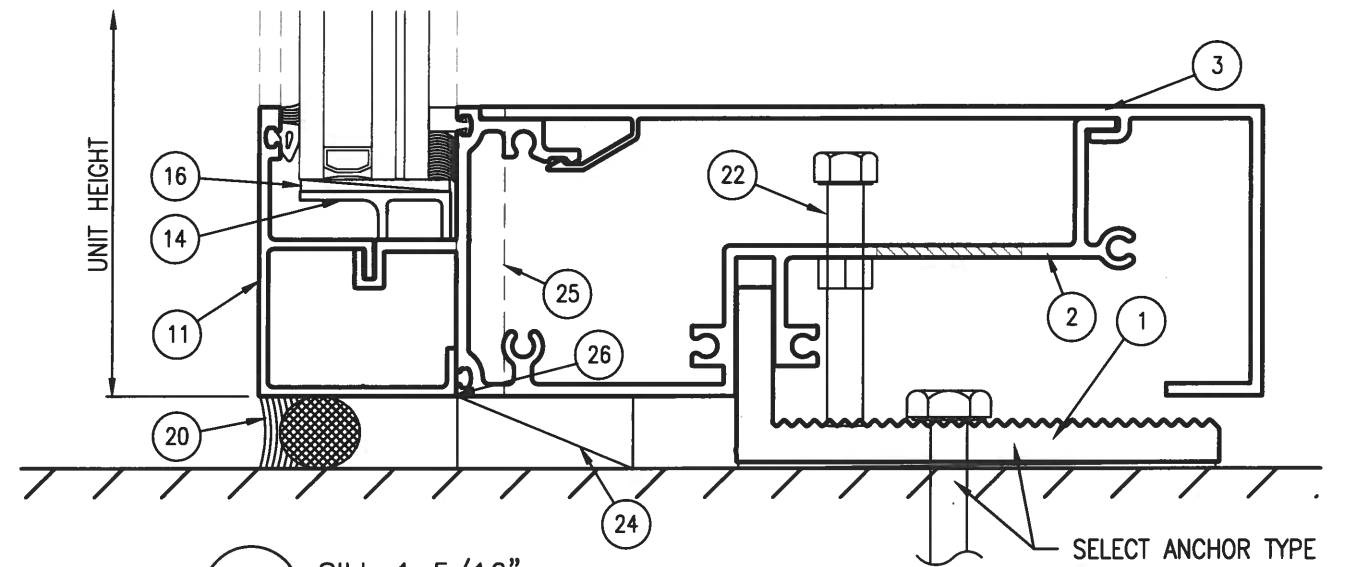


5 HORIZONTAL 1 5/16"
Glazing condition G4 Scale: 6" = 1'-0"



1 SILL 9/16"
Glazing condition G3 Scale: 6" = 1'-0"

SELECT ANCHOR TYPE & SPACING FROM ANCHOR SCHEDULE



4 SILL 1 5/16"
Glazing condition G4 Scale: 6" = 1'-0"

SELECT ANCHOR TYPE & SPACING FROM ANCHOR SCHEDULE

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PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO	DATE	DESCRIPTION	BY
2	5/20/24	UPDATE TO 8TH ED. (2023) FBC ECV	
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB	

DATE: 07/09/18

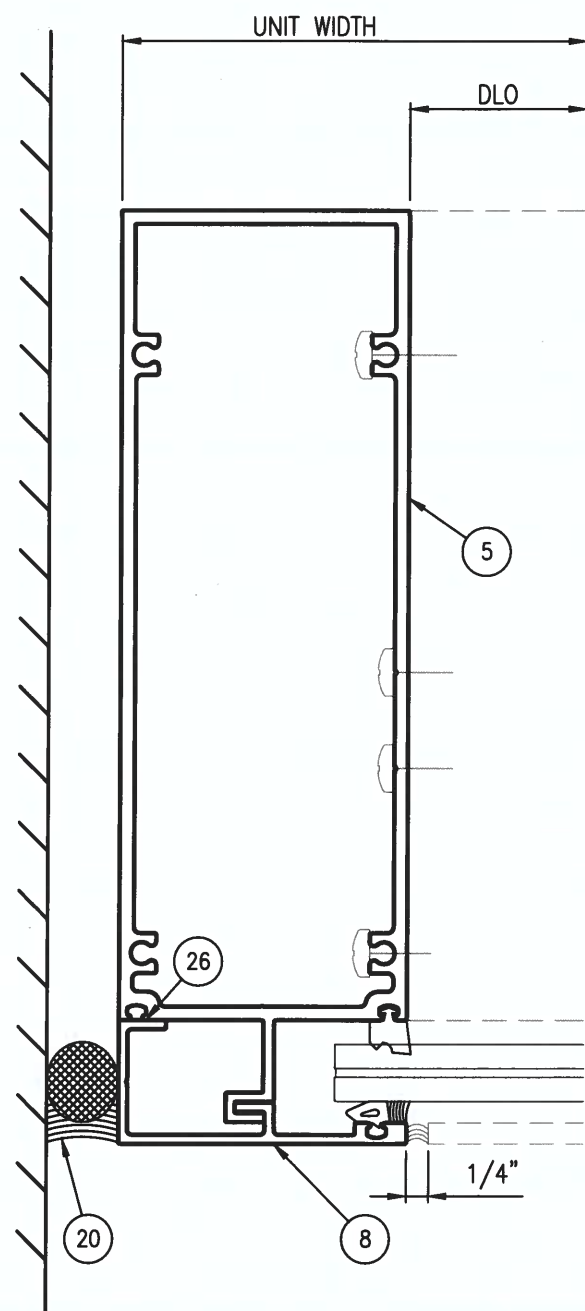
SCALE: NA

DWG. BY: CO

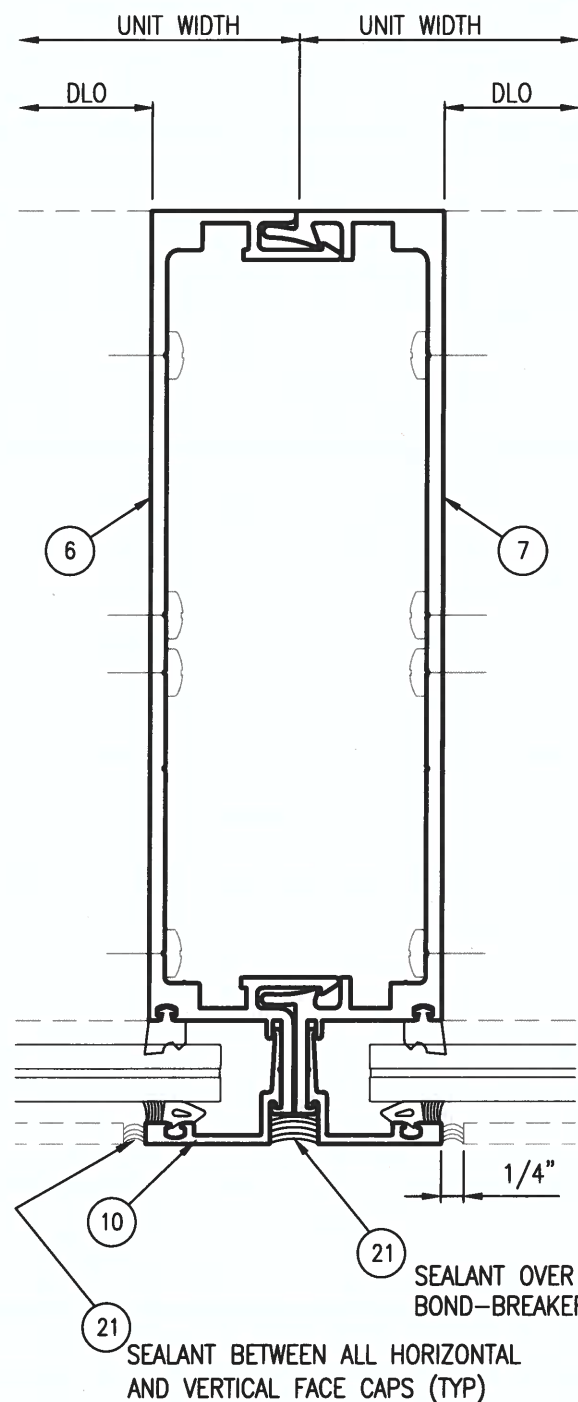
CHK BY: ECV

DRAWING NO.:
FL21123.2

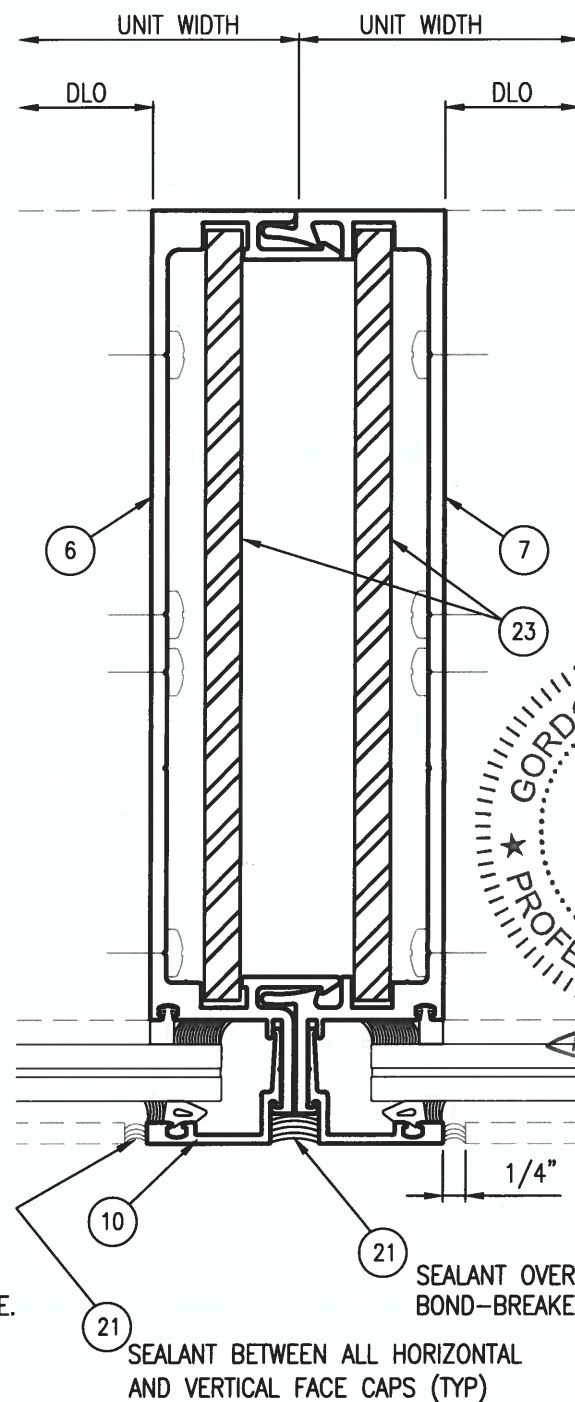
SHEET: 5 OF 9



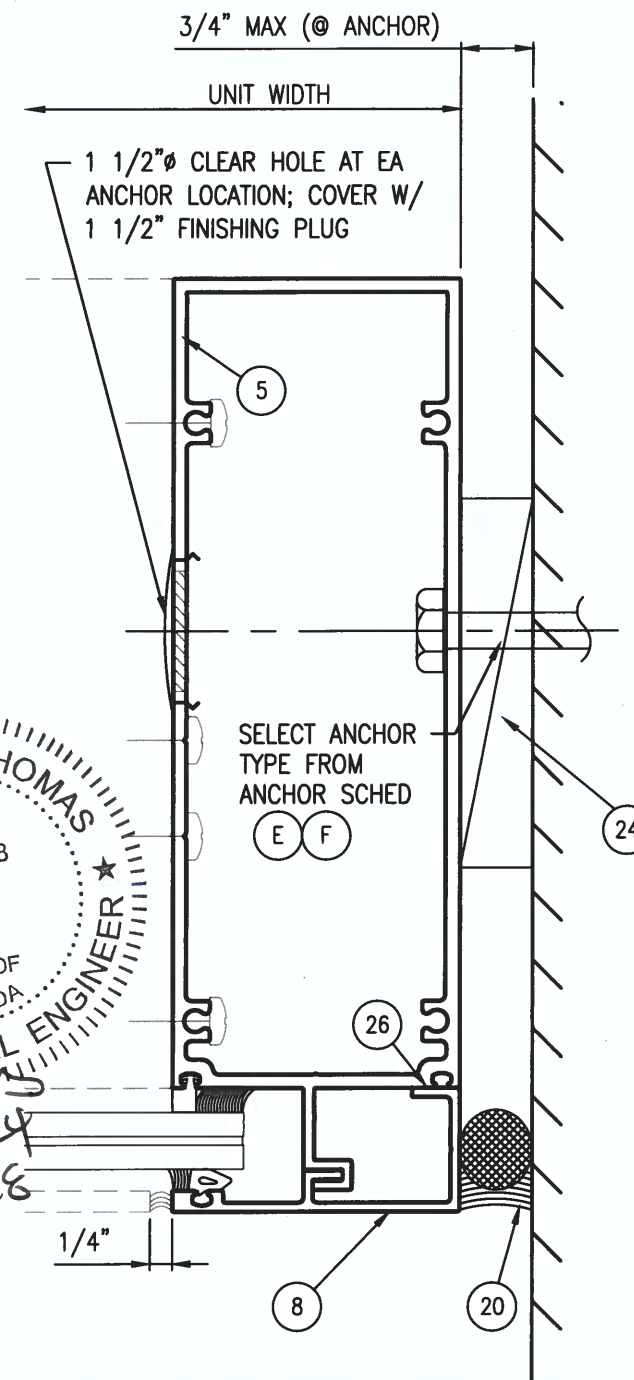
1 UNANCHORED JAMB
Glazing condition G1 Scale: 6" = 1'-0"



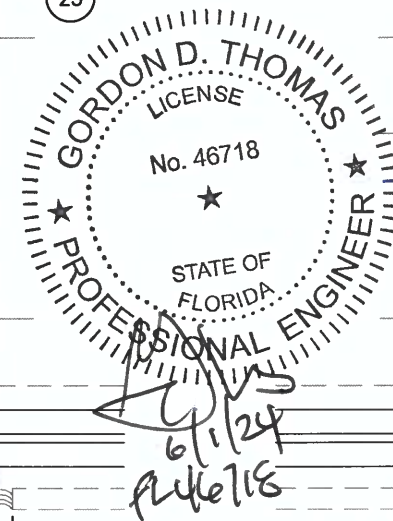
2 UNREINFORCED MULLION
Glazing condition G1 Scale: 6" = 1'-0"



3 REINFORCED MULLION
Glazing condition G3 Scale: 6" = 1'-0"



4 ANCHORED JAMB
Glazing condition G3 Scale: 6" = 1'-0"



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SUN METALS

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PART OR ASSEMBLY:
HORIZONTAL CROSS SECTION
9/16" GLAZING

NO	DATE	DESCRIPTION	REVISIONS	
			BY	ECV
2	5/20/24	UPDATE TO 8TH ED. (2023) FBC	ECV	
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB	

DATE: 07/09/18

SCALE: NA

DWG. BY: CO

CHK BY: ECV

DRAWING NO.: FL21123.2

SHEET: **6** OF **9**



SHEET: **7** OF **9**

