

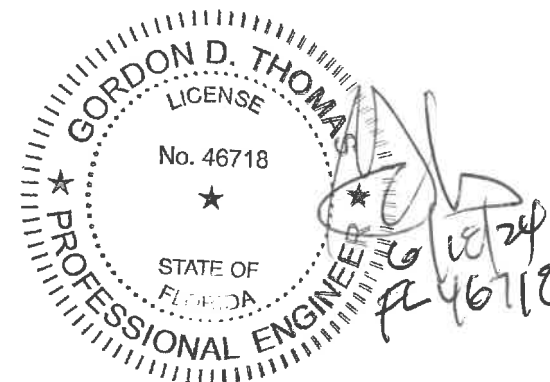
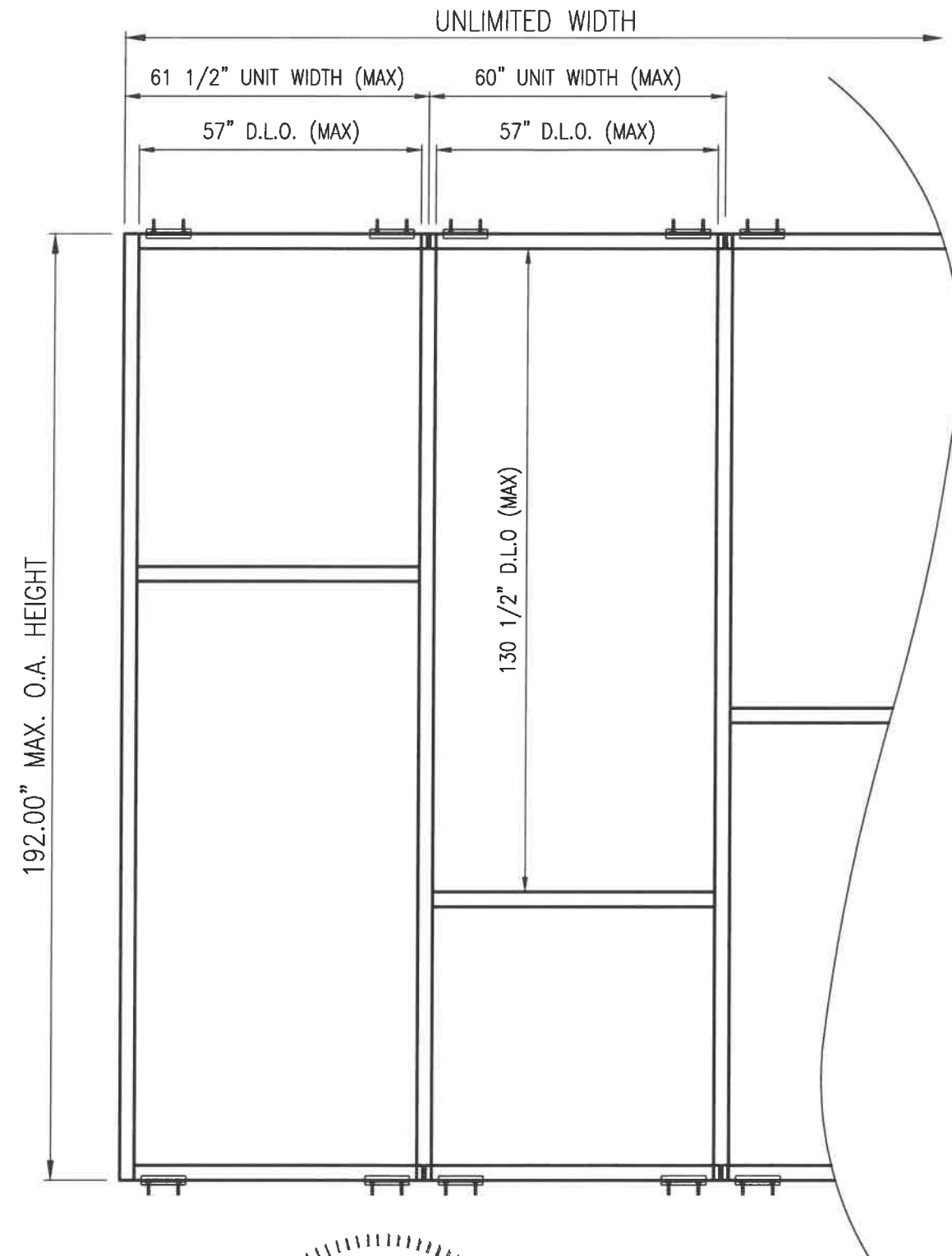
**SERIES 1050WW CAPTURED
ALUMINUM FIXED WINDOW WALL
"LARGE MISSILE IMPACT"**

GENERAL NOTES:

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code 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" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2023 FBC and does not require an impact resistant covering.
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".

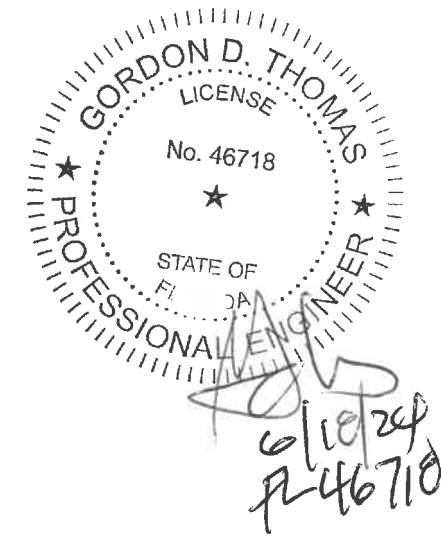
INDEX TO DRAWINGS	
SHEET #	DESCRIPTION
1	INDEX TO DRAWINGS, DESIGN PRESSURES AND GENERAL NOTES
2	E1 - REINFORCED ELEVATION
3	E2 - NON REINFORCED ELEVATION
4	VERTICAL CROSS SECTIONS
5	HORIZONTAL CROSS SECTIONS (9/16" GLAZING)
6	HORIZONTAL CROSS SECTIONS (1 5/16" GLAZING)
7	COMPONENTS
8	BILL OF MATERIAL, 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"	+140
192"	60"	NO	G1; G2	57"	x	130.5"	+60



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[illegible]



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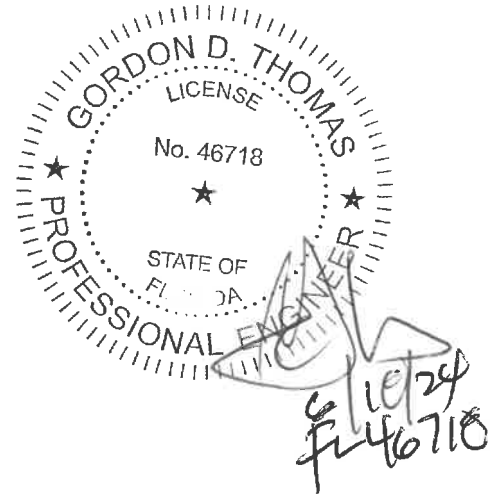


PRODUCT:
SERIES 1050 WINDOW WALL
LARGE MISSILE IMPACT

PART OR ASSEMBLY:
REINFORCED ELEVATION

[illegible]

SHEET: 2 OF 8



REF ANCHOR
SCHEDULE

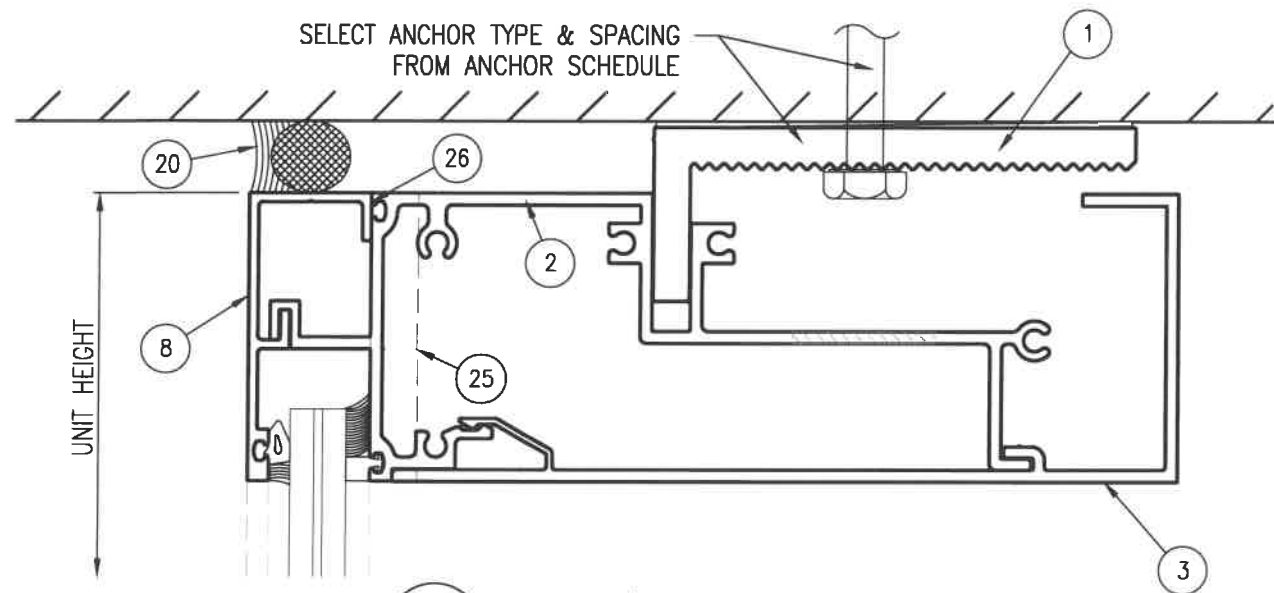


SUN METALS

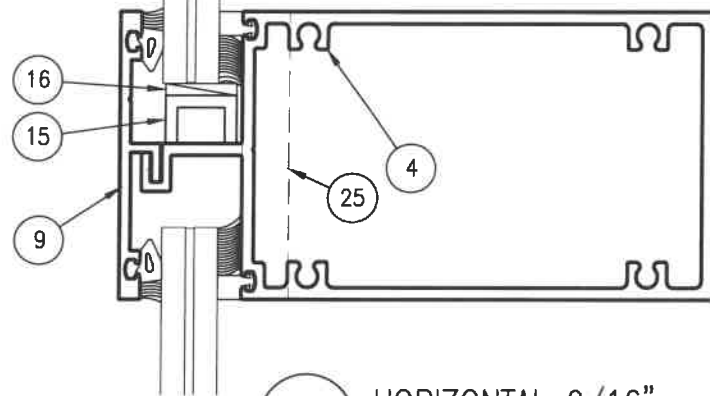
PRODUCT: **SERIES 1050 WINDOW WALL
LARGE MISSILE IMPACT**

NON-REINFORCED ELEVATION

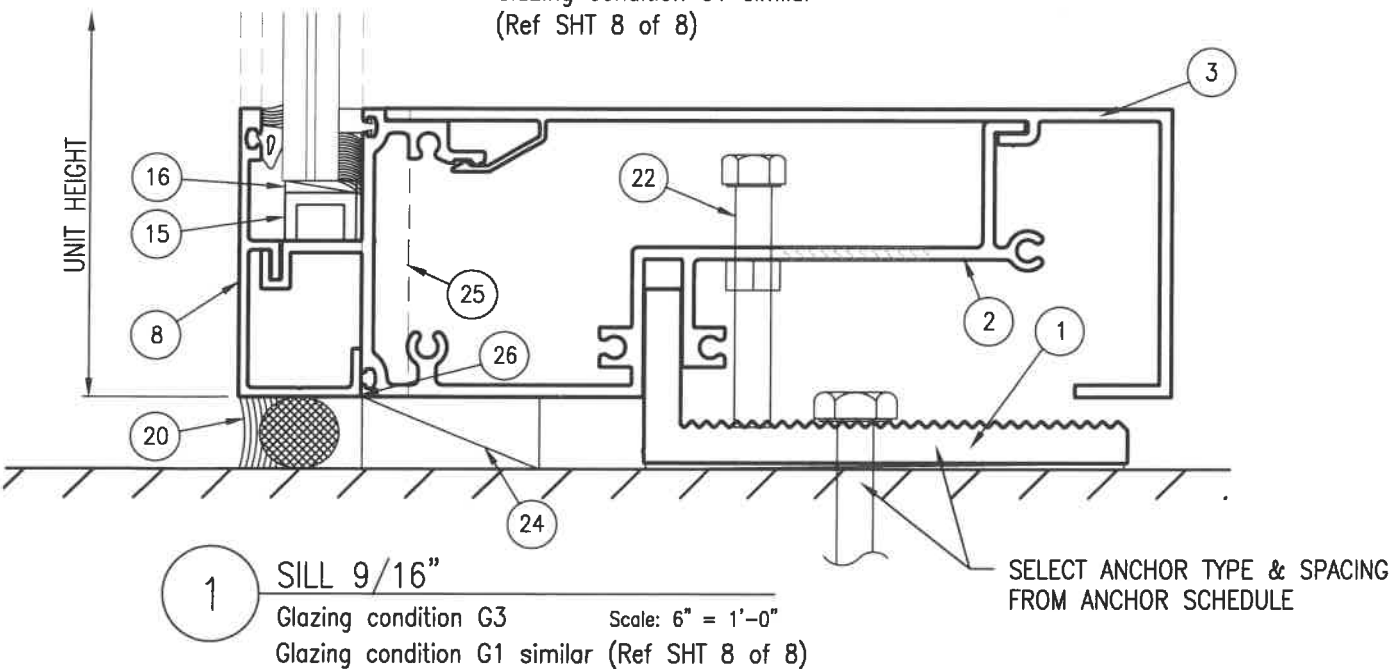
DATE: 07/09/18
SCALE: NA
DWG. BY: CO
CHK BY: ECV
DRAWING NO.: FL21123.1
SHEET: 3 OF 8



3 HEAD 9/16"
Glazing condition G3
Glazing condition G1 similar
(Ref SHT 8 of 8)
Scale: 6" = 1'-0"



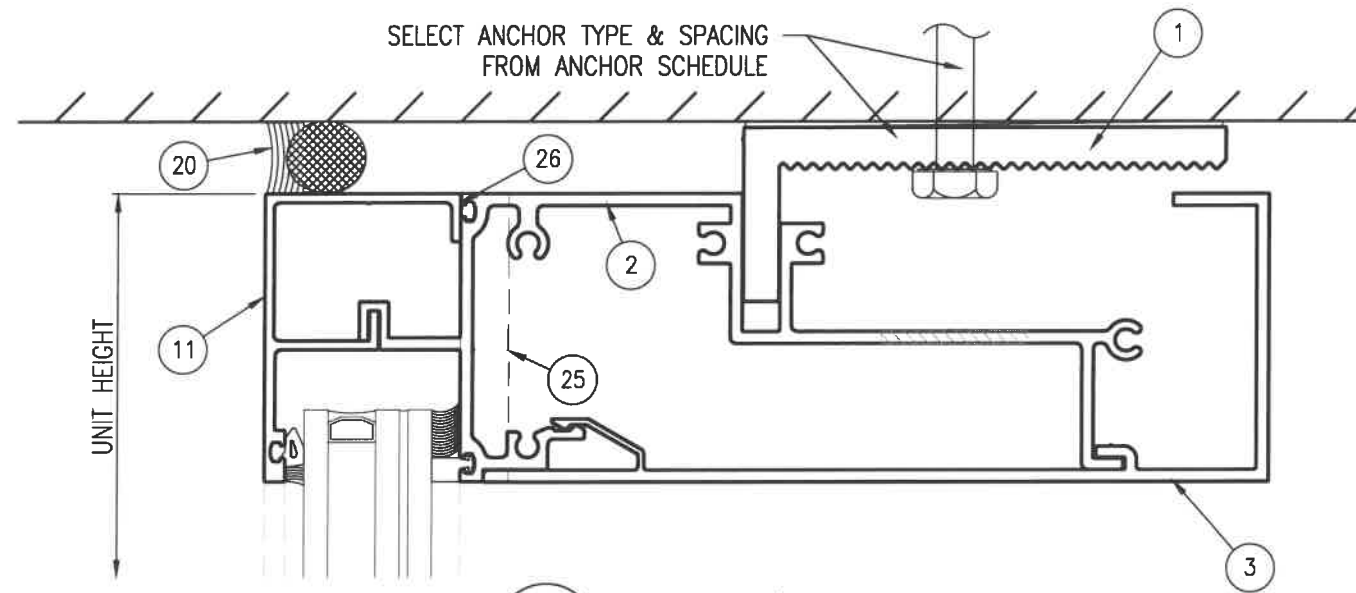
2 HORIZONTAL 9/16"
Glazing condition G3
Glazing condition G1 similar
(Ref SHT 8 of 8)
Scale: 6" = 1'-0"



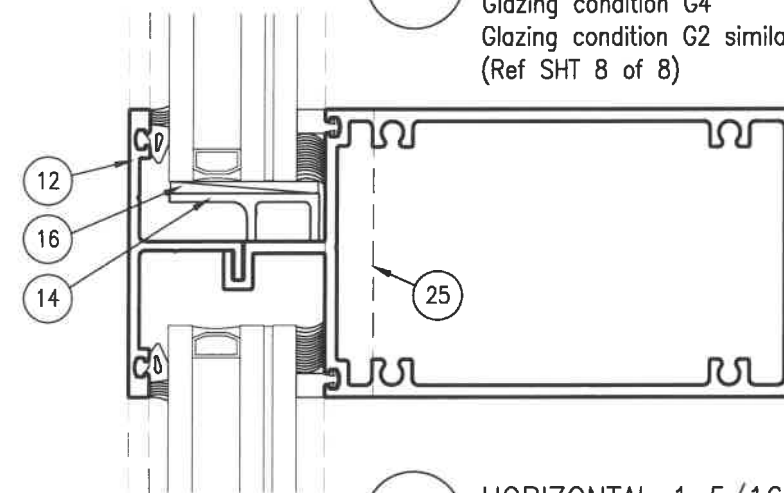
1 SILL 9/16"
Glazing condition G3
Glazing condition G1 similar (Ref SHT 8 of 8)
Scale: 6" = 1'-0"

NOTES:

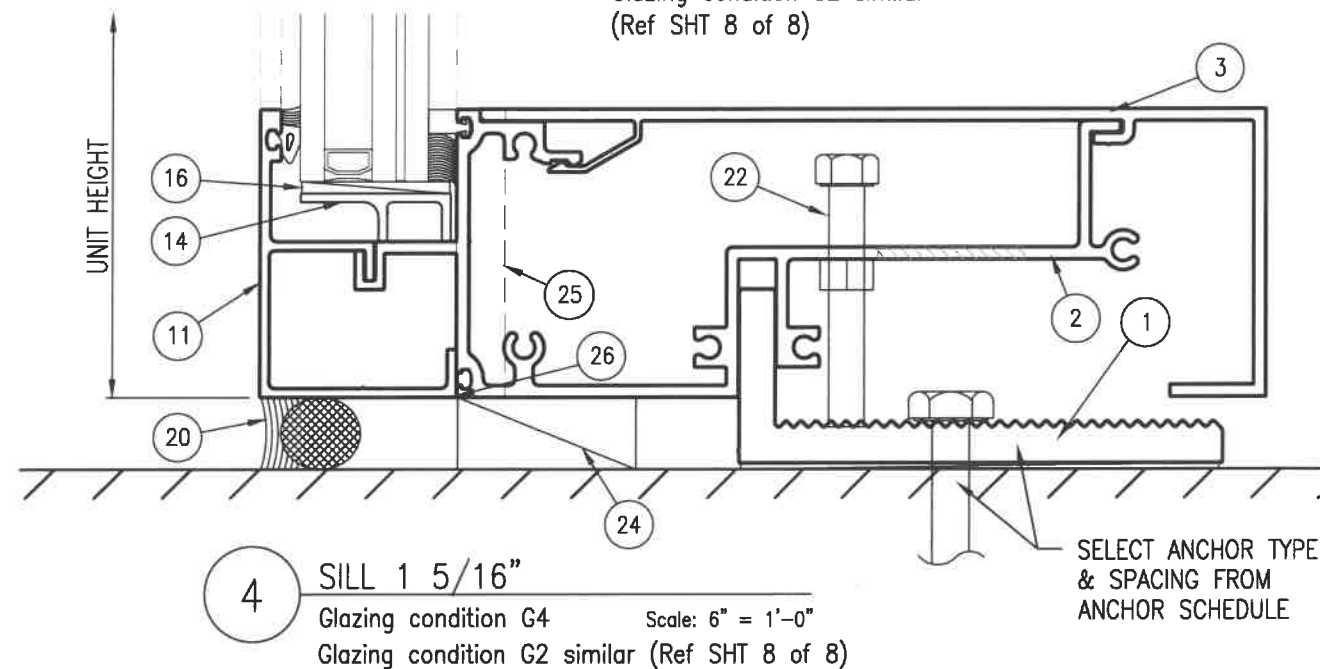
1. FRAME HEAD, SILL AND HORIZONTALS ARE ATTACHED TO JAMBS/MULLIONS AT EACH END WITH 1/4" X 1-1/2" PH SMS.
2. REFERENCE SHEET 8 FOR GLAZING DETAILS.



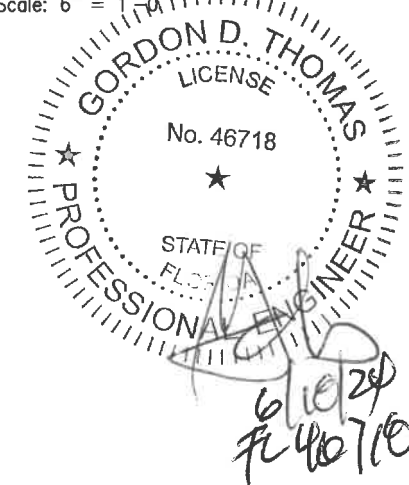
6 HEAD 1 5/16"
Glazing condition G4
Glazing condition G2 similar
(Ref SHT 8 of 8)
Scale: 6" = 1'-0"



5 HORIZONTAL 1 5/16"
Glazing condition G4
Glazing condition G2 similar
(Ref SHT 8 of 8)
Scale: 6" = 1'-0"



4 SILL 1 5/16"
Glazing condition G4
Glazing condition G2 similar (Ref SHT 8 of 8)
Scale: 6" = 1'-0"



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PRODUCT:
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LARGE MISSILE IMPACT

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

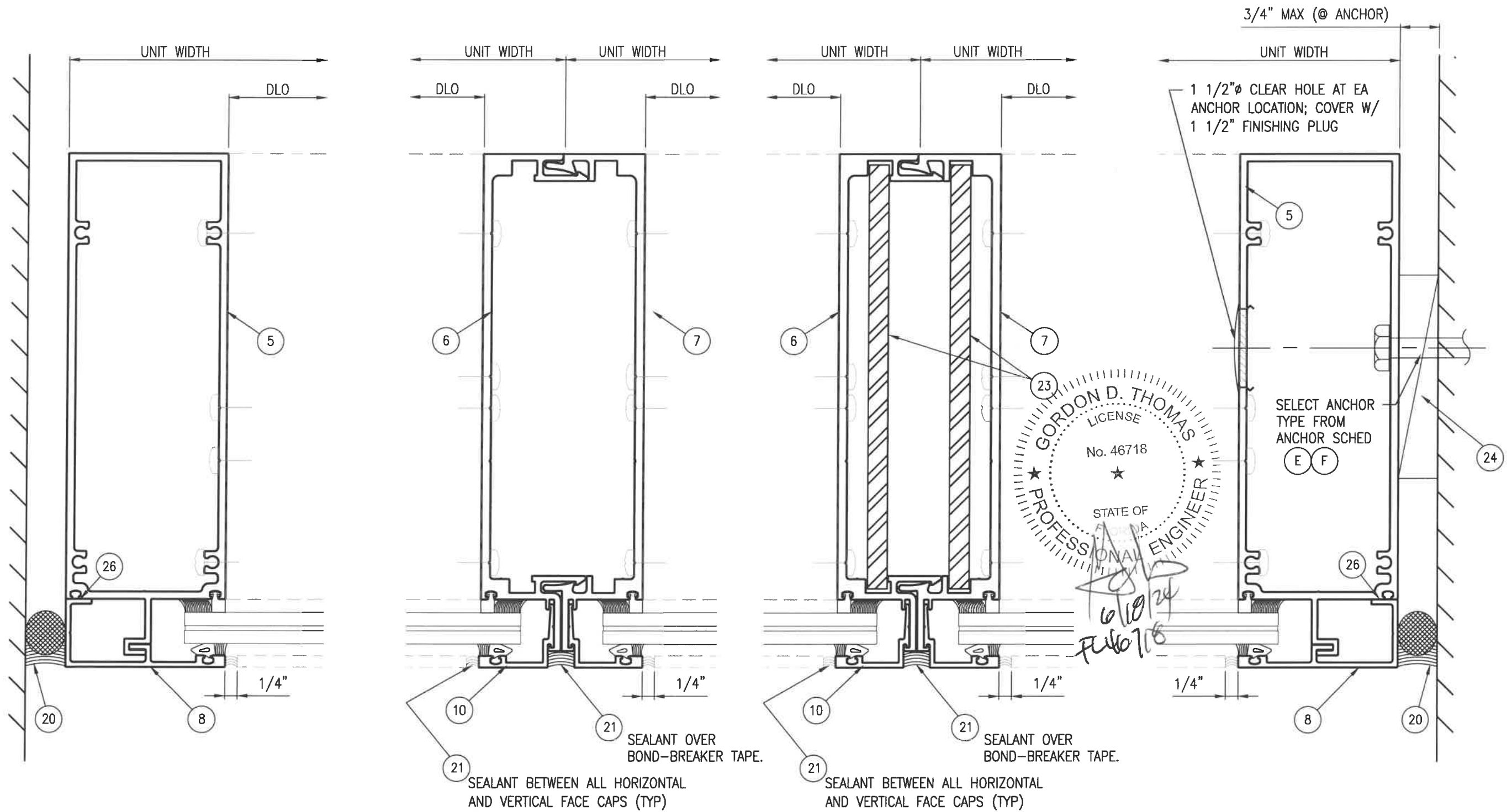
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DWG. BY: CO

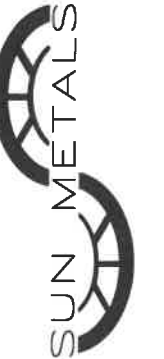
CHK BY: ECV

DRAWING NO.:
FL21123.1

SHEET: 4 OF 8



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PRODUCT:
SERIES 1050 WINDOW WALL
LARGE MISSILE IMPACT

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

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

DATE: 07/09/18

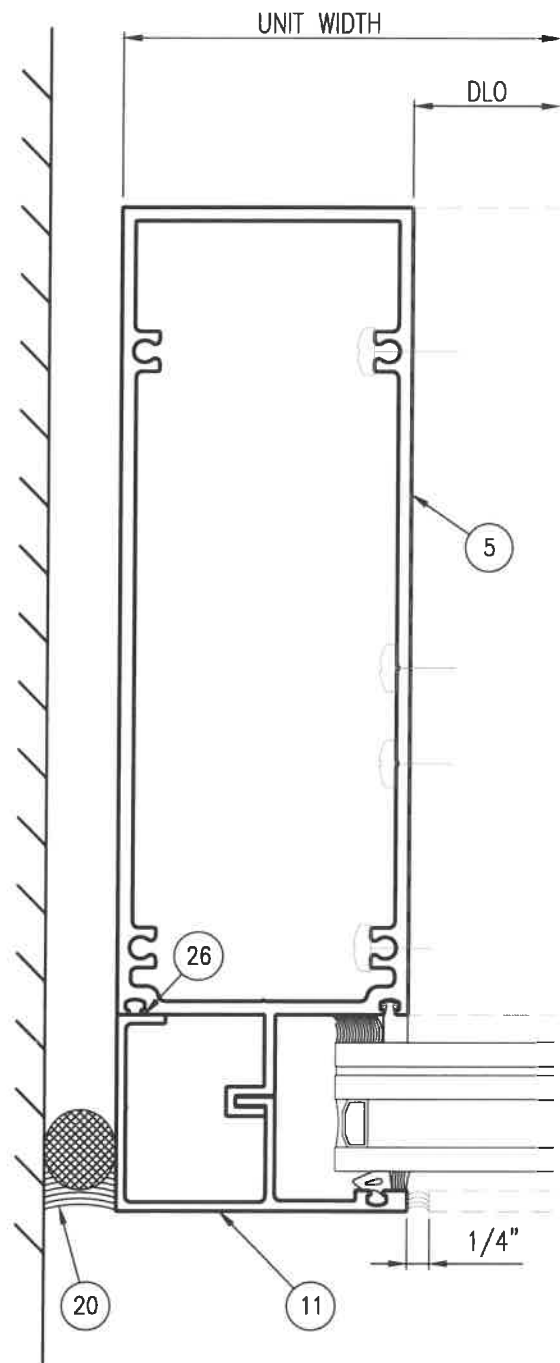
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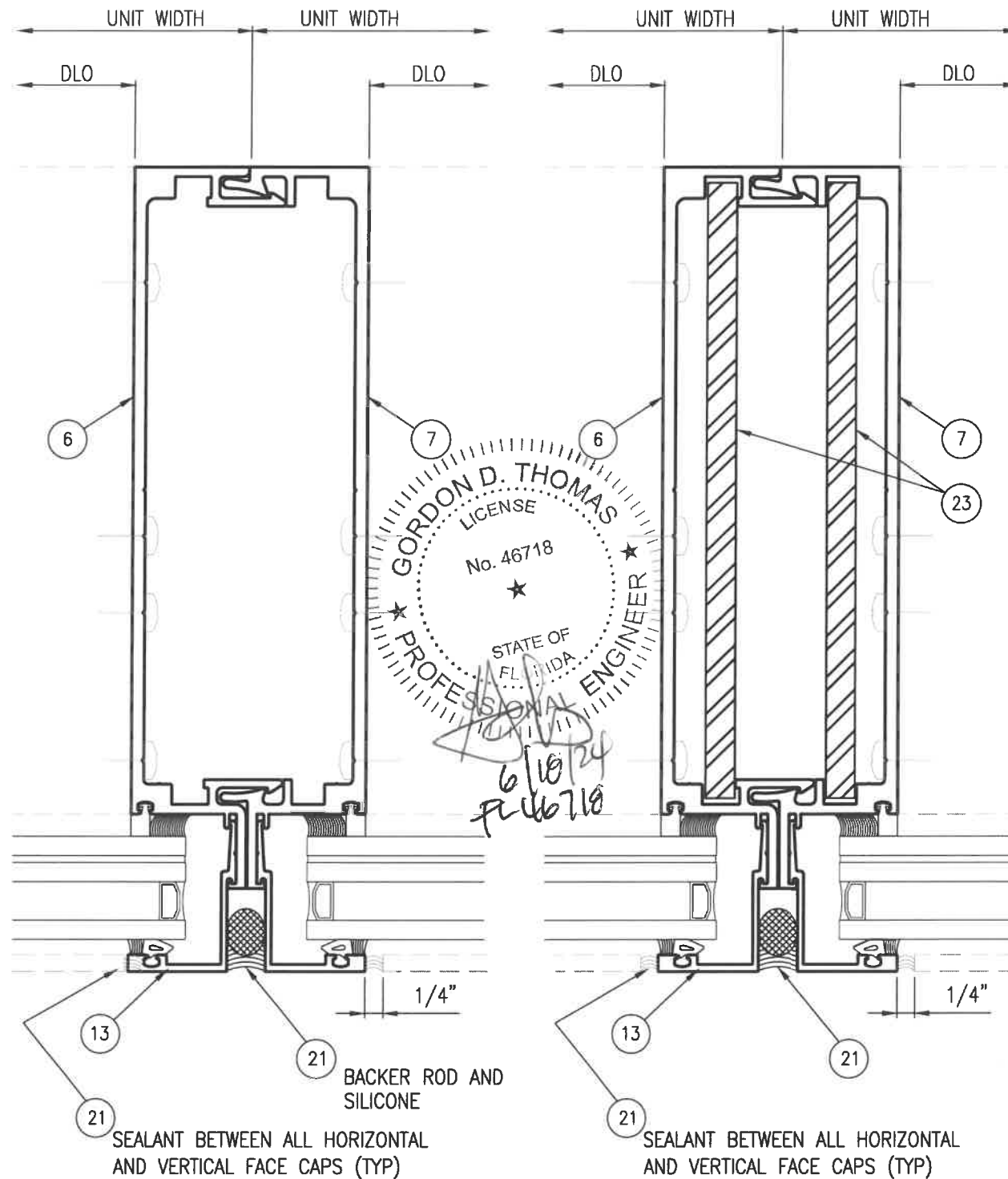
CHK BY: ECV

DRAWING NO.:
FL21123.1

SHEET: 5 OF 8

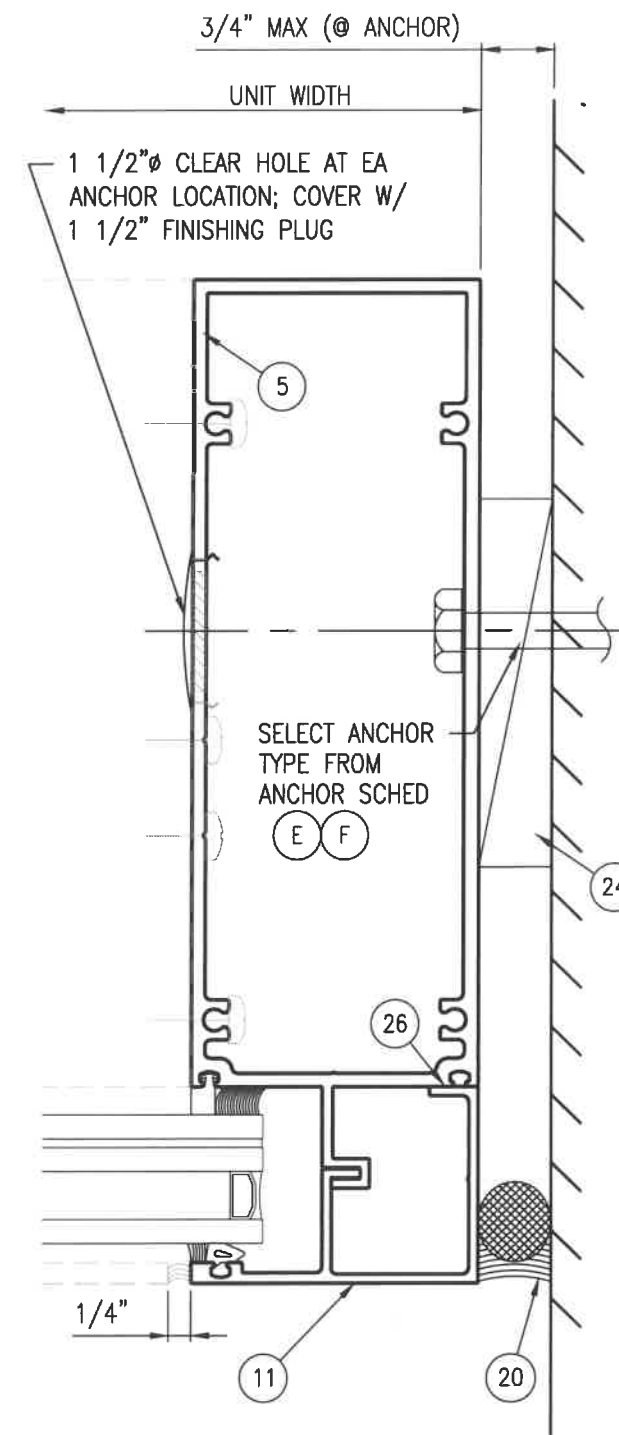


1 UNANCHORED JAMB
Glazing condition G4 Scale: 6" = 1'-0"
Glazing condition G2 similar
(Ref SHT 8 of 8)



2 UNREINFORCED MULLION
Glazing condition G4 Scale: 6" = 1'-0"
Glazing condition G2 similar
(Ref SHT 8 of 8)

3 REINFORCED MULLION
Glazing condition G4 Scale: 6" = 1'-0"
Glazing condition G2 similar
(Ref SHT 8 of 8)



4 ANCHORED JAMB
Glazing condition G4 Scale: 6" = 1'-0"
Glazing condition G2 similar
(Ref SHT 8 of 8)

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SUN METALS

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LARGE MISSILE IMPACT

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTION
1 5/16" GLAZING

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

DATE: 07/09/18

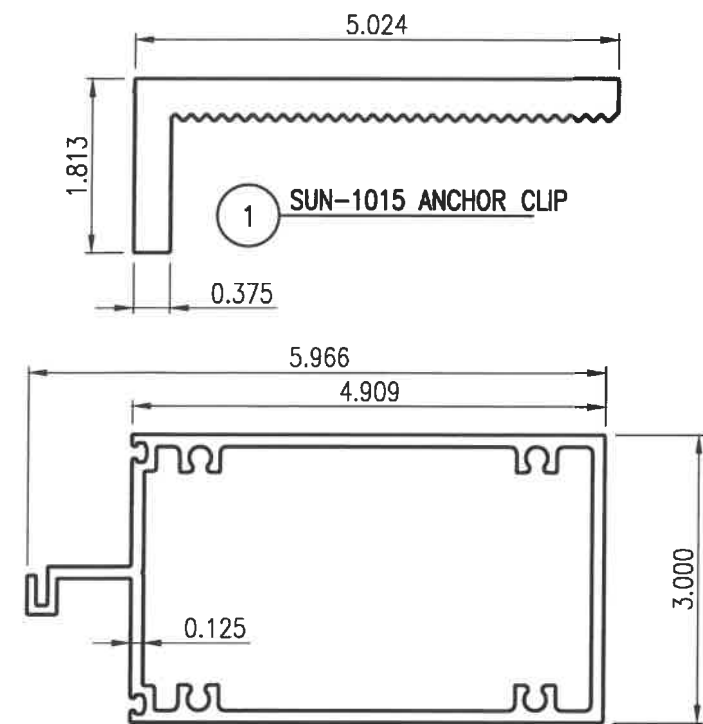
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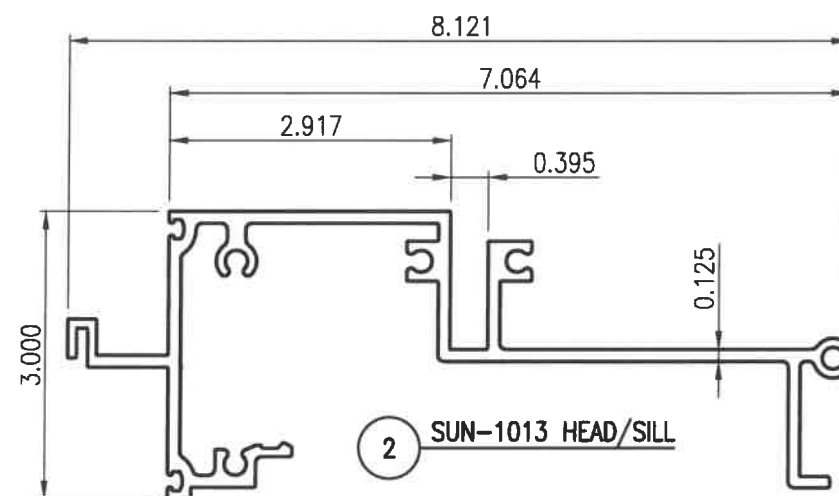
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DRAWING NO.: FL21123.1

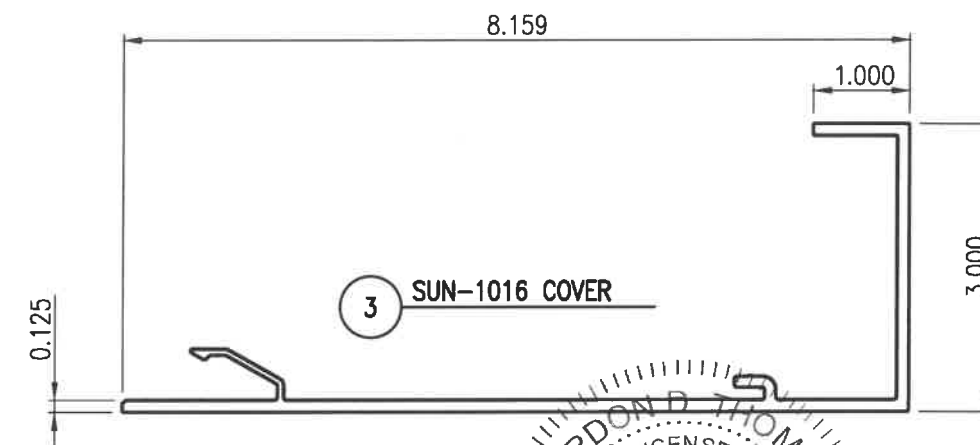
SHEET: **6** OF **8**



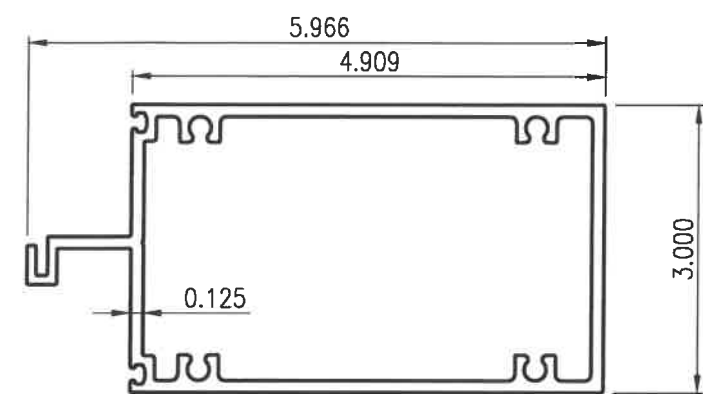
1 SUN-1015 ANCHOR CLIP



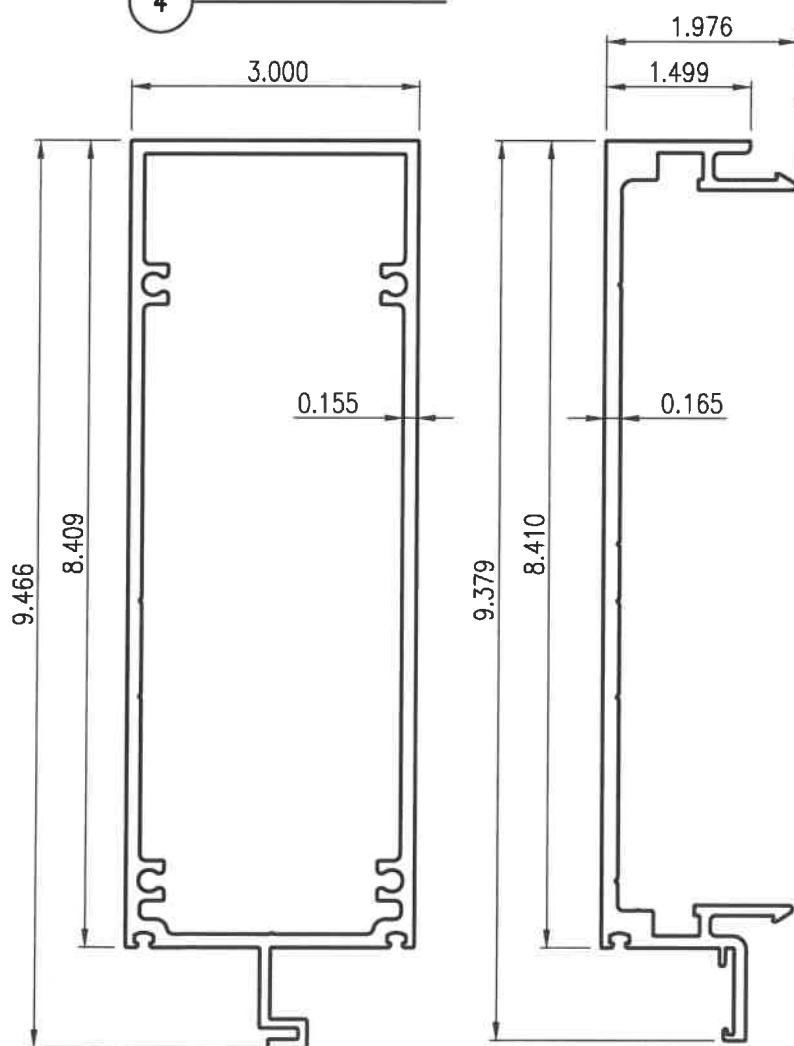
2 SUN-1013 HEAD/SILL



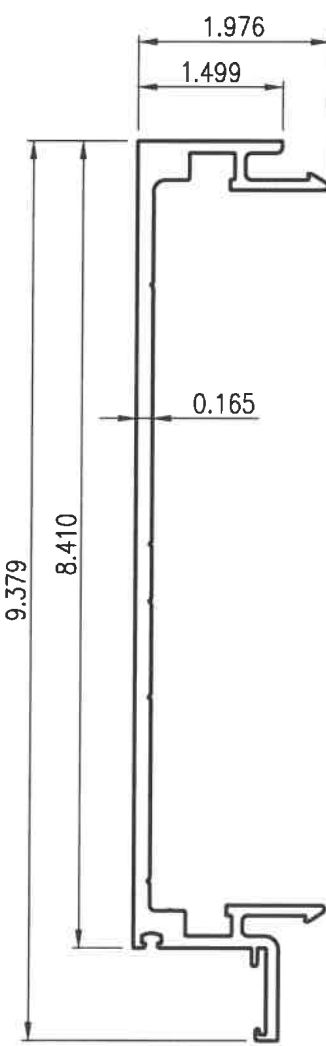
3 SUN-1016 COVER



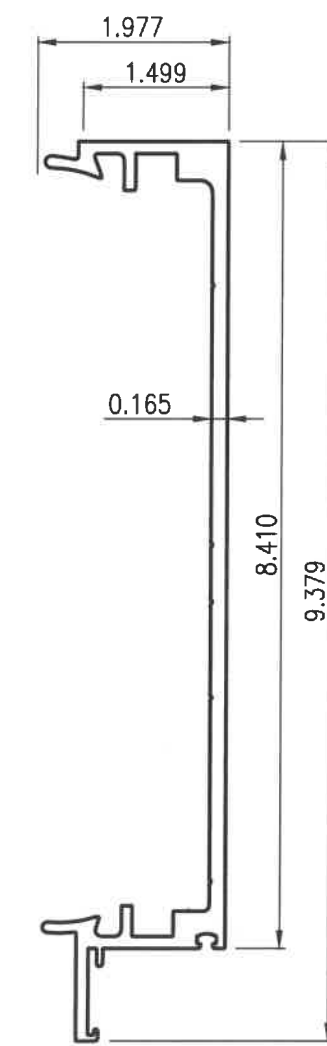
4 SUN-605 HORIZONTAL



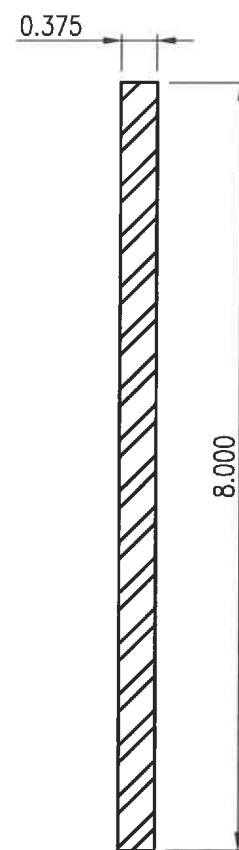
5 SUN-1001 JAMB



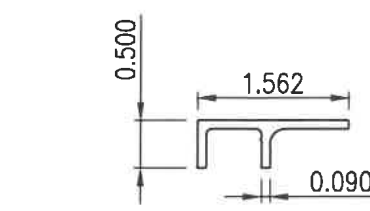
6 SUN-1009 SPLIT MULL MALE



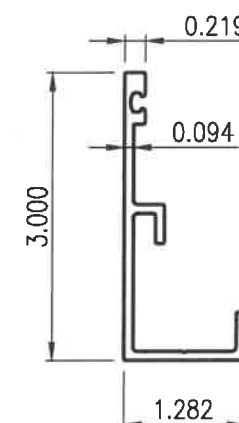
7 SUN-1010 SPLIT MULL FEMALE



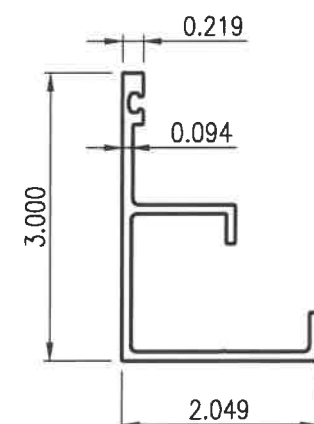
23 STEEL REINFORCING
8" X 3/8" BAR



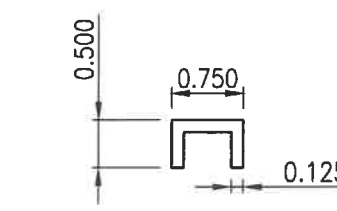
14 SUN-435 SETTING CHAIR



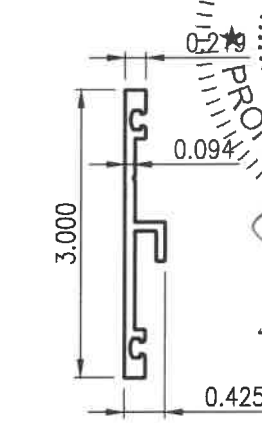
8 SUN-403 FACE CAP
9/16" GLAZING



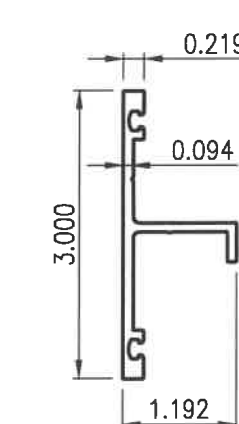
11 SUN-436 FACE CAP
1-5/16" GLAZING



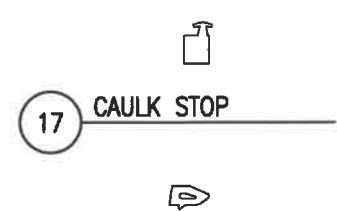
15 SETTING CHAIR
3/4"x1/2"x1/8" CHANNEL



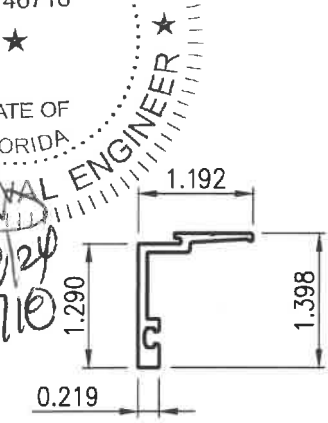
9 SUN-404 FACE CAP
9/16" GLAZING



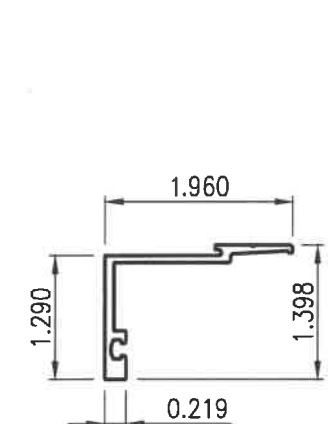
12 SUN-437 FACE CAP
1-5/16" GLAZING



17 CAULK STOP



10 SUN-4070 FACE CAP
9/16" GLAZING

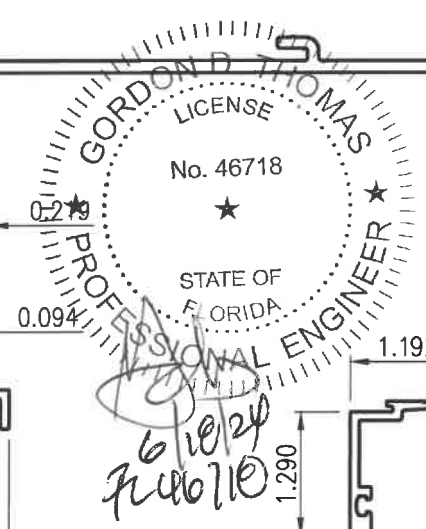


13 SUN-4071 FACE CAP
1-5/16" GLAZING



28 SPONGE GASKET

18 WEDGE GASKET





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LARGE MISSILE IMPACT

PART OR ASSEMBLY:
COMPONENTS

REVISIONS			
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.:
FL21123.1

SHEET: **7** OF **8**

