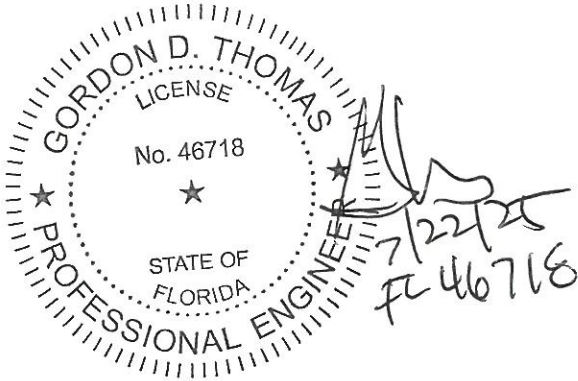


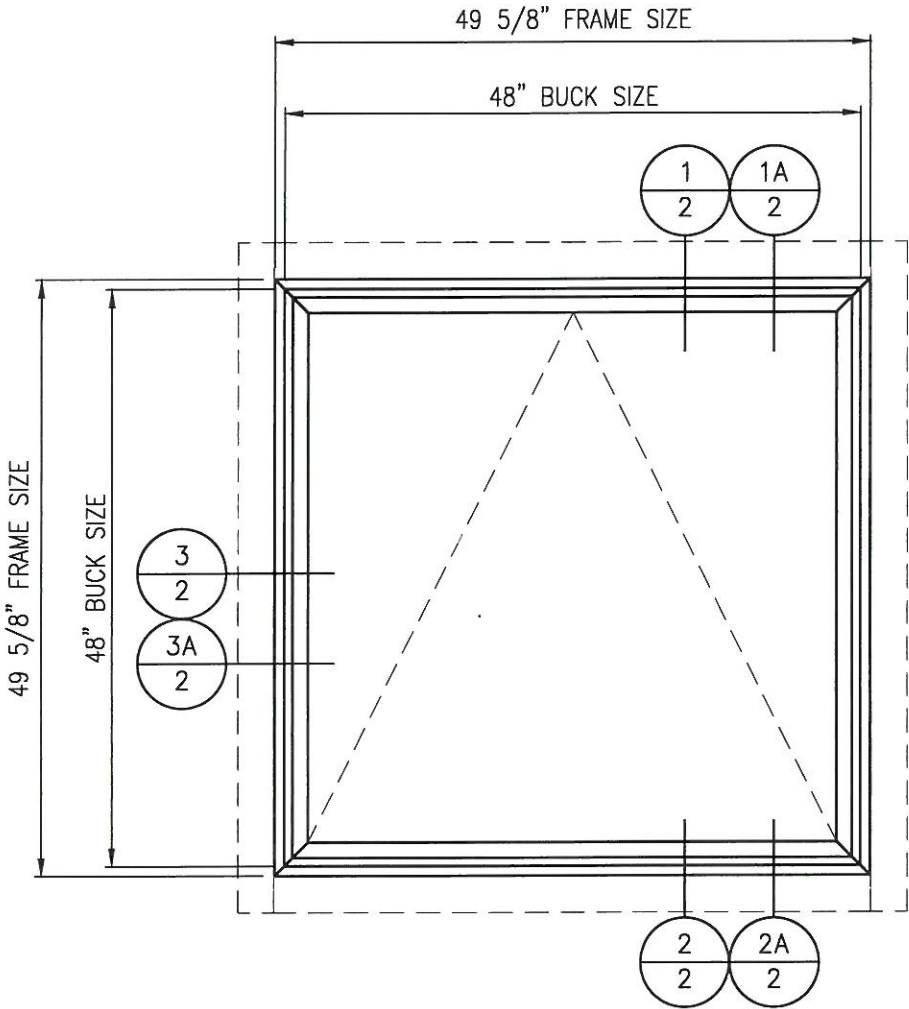
SERIES 1100Z - ZERO SITE LINE
PROJECTED WINDOW
"SMALL MISSILE IMPACT"

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. When used in "HVHZ" for installations above 30' 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 is required to be protected with an impact resistant covering that complies with Section 1626 of the Florida Building Code.
3. When used in areas outside of the "HVHZ" requiring wind borne debris protection for installations above 30' above grade, this product complies with section 1609.1.2 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 is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the Florida Building Code.
4. All shims to be high impact, non-metallic and non-compressible.
5. This product meets water infiltration requirements for "HVHZ"
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.



INDEX TO DRAWINGS	
SHEET #	DESCRIPTION
1	GENERAL NOTES, ELEVATION AND DESIGN PRESSURES
2	FRAME ASSEMBLY DETAILS
3	VENT HARDWARE
4	COMPONENTS AND GLAZING



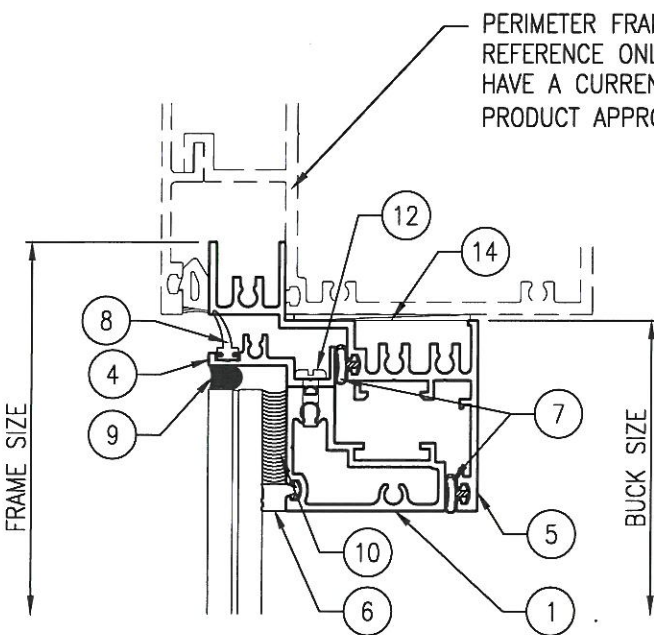
PROJECTED WINDOW DESIGN PRESSURE TABLE									
GLAZING	MAX. VENT SIZE		MAX. BUCK SIZE			DESIGN PRESSURE (PSF)		IMPACT RATING	
						POSITIVE	NEGATIVE		
9/16"	49-5/8"	X	49-5/8"	48"	X	48"	+100	-100	SMALL MISSILE IMPACT
1-5/16"	49-5/8"	X	49-5/8"	48"	X	48"	+100	-100	SMALL MISSILE IMPACT

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FAX: (813) 886-0666

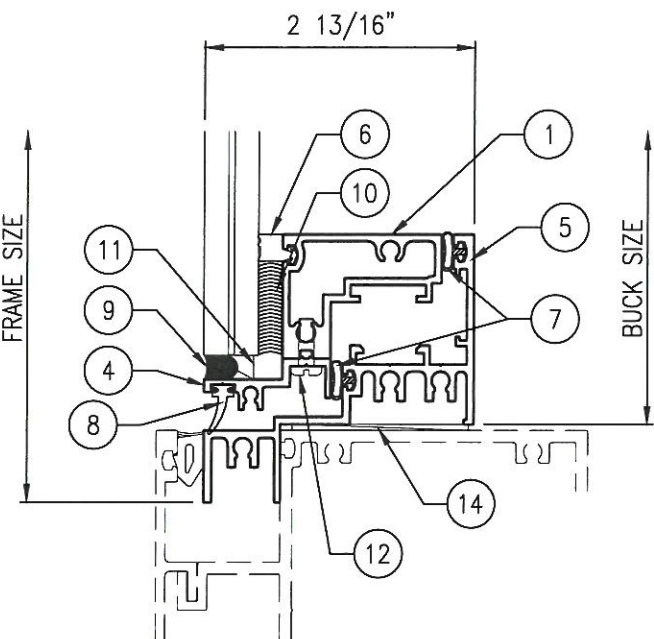


PRODUCT:		PART OR ASSEMBLY:	
SUNMETALS SERIES 1100Z		GENERAL NOTES	
SMALL MISSILE IMPACT		ELEVATION AND DESIGN PRESSURES	

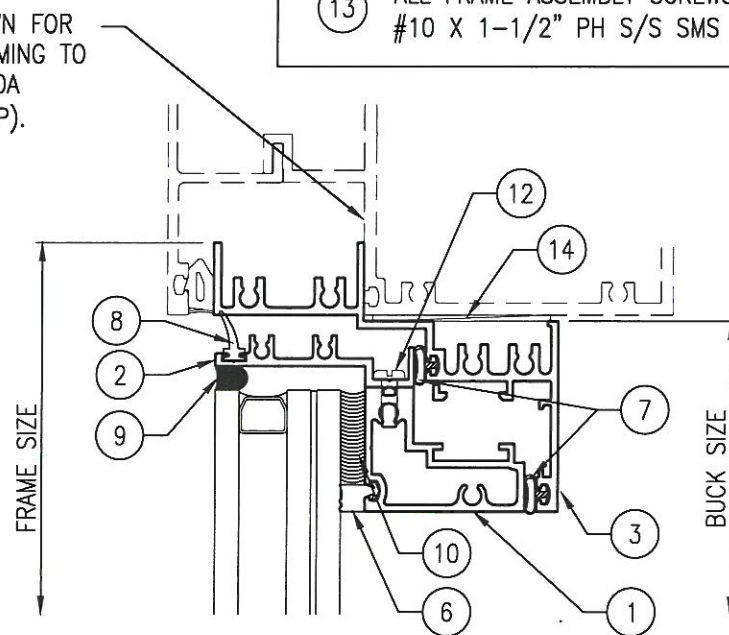
FRAME ASSEMBLY



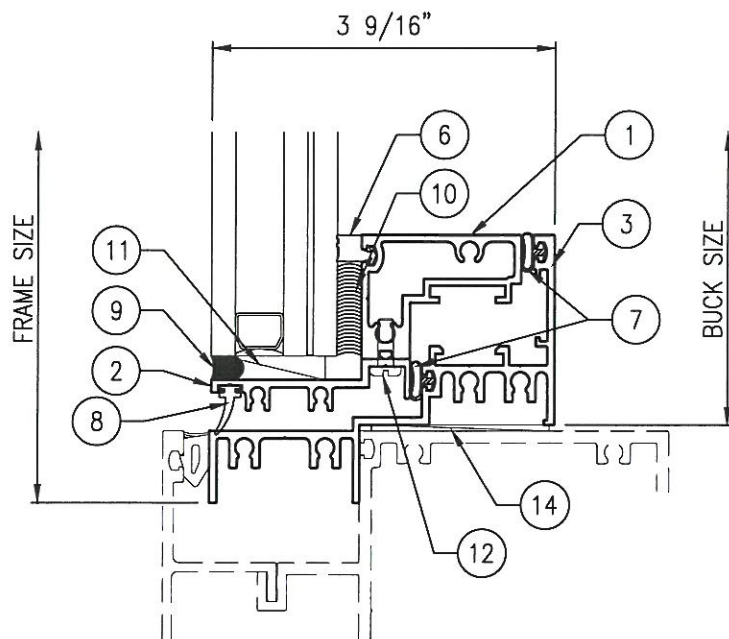
1 HEAD - FRAME ASSEMBLY
9/16" GLAZING Scale: 6" = 1'-0"



2 SILL - FRAME ASSEMBLY
9/16" GLAZING Scale: 6" = 1'-0"

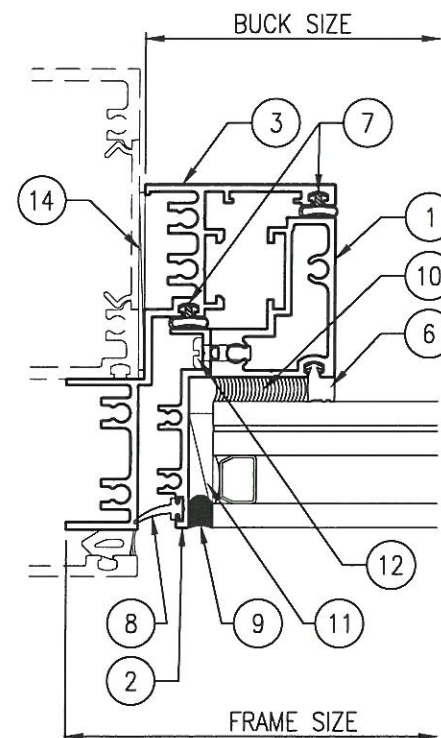


1A HEAD - FRAME ASSEMBLY
1-5/16" GLAZING Scale: 6" = 1'-0"

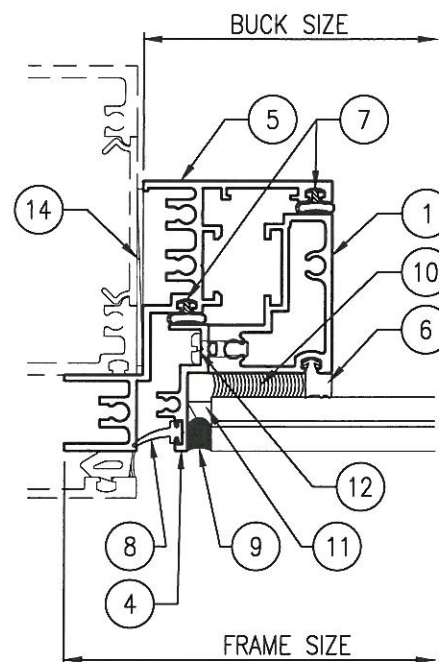


2A SILL - FRAME ASSEMBLY
1-5/16" GLAZING Scale: 6" = 1'-0"

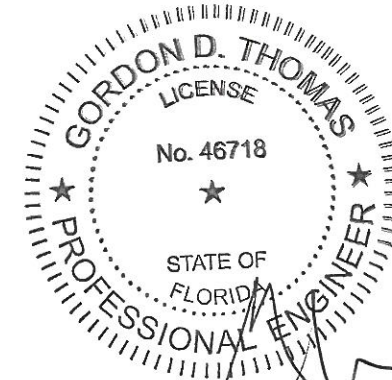
13 ALL FRAME ASSEMBLY SCREWS TO BE
#10 X 1-1/2" PH S/S SMS



3A JAMB - FRAME ASSEMBLY
1-5/16" GLAZING Scale: 6" = 1'-0"



3 JAMB - FRAME ASSEMBLY
9/16" GLAZING Scale: 6" = 1'-0"



7/22/25
FL 46718

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PRODUCT:
SUNMETALS SERIES 1100Z
SMALL MISSILE IMPACT

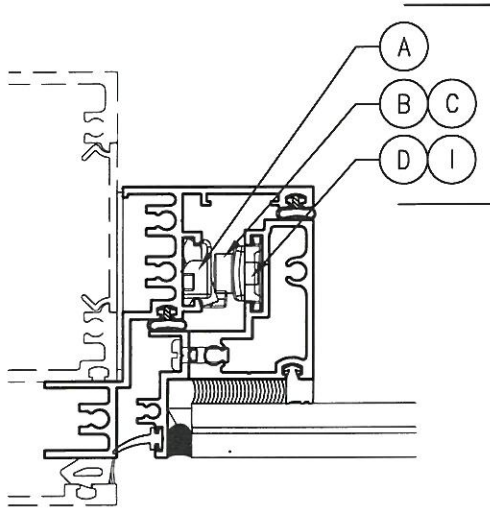
PART OR ASSEMBLY:
FRAME ASSEMBLY DETAILS

NO	DATE	DESCRIPTION	BY
2	7/14/25	UPDATE TO 8TH ED. (2023) FBC	ECV
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB

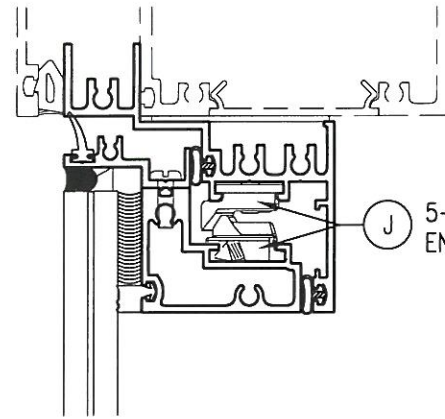
DATE: 11/29/17
SCALE: HALF
DWG. BY: CO
CHK BY: ECV
DRAWING NO.:
FL24543.2
SHEET: 2 OF 4

VENT HARDWARE

9/16" GLAZING CONDITION IS SHOWN IN DETAILS. VENT HARDWARE IS CONSISTENT FOR BOTH 9/16" AND 1-5/16" GLAZING CONDITIONS.



(2) locking points per stile
and (4) on bottom rail



5-1/2" FROM EA.
END AND MID SPAN

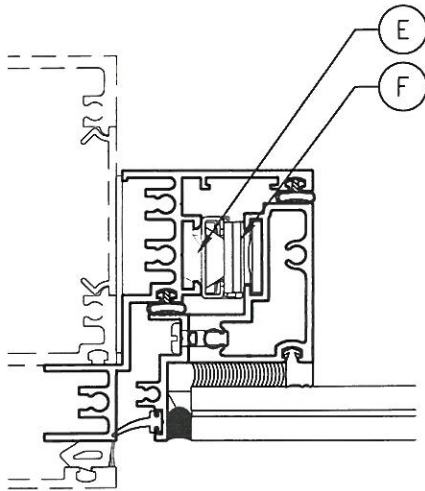


Scale: 6" = 1'-0"



MULTI-POINT LOCK - HARDWARE
JAMB/SILL Scale: 6" = 1'-0"

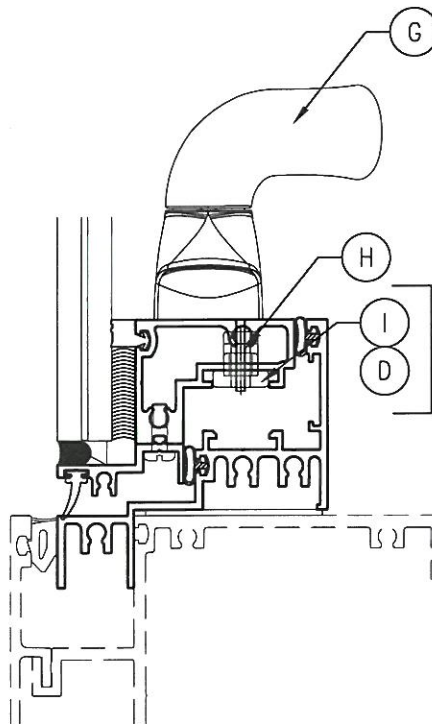
Scale: 6" = 1'-0"



CONCEALED HINGE

JAMB Scale:

Scale: $6'' = 1'-0''$

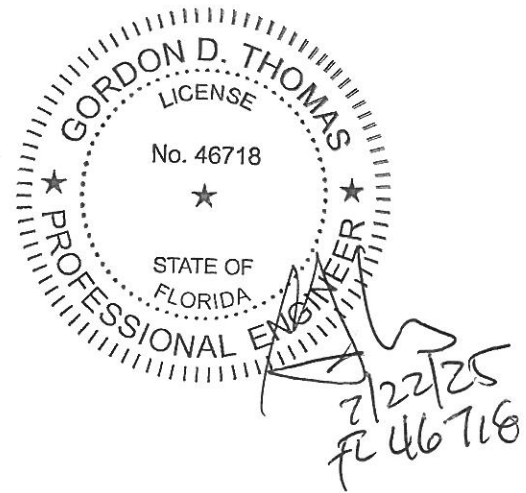


Stile connecting rods (4)
mated to corner drives (2)



BI-DIRECTIONAL OPERATOR
SILL Scale: 6" = 1'-0"

Scale: $6'' = 1'-0''$



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SUN METALS

PRODUCT: SUNMETALS SERIES 1100Z
SMALL MISSILE IMPACT

ASSEMBLY. **VENT HARDWARE**

[illegible]

DATE: 11/29/17

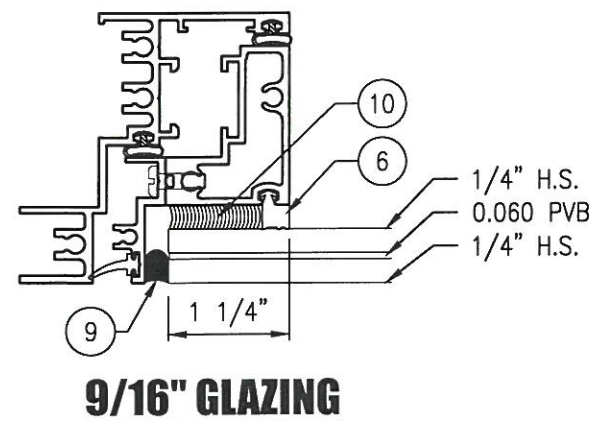
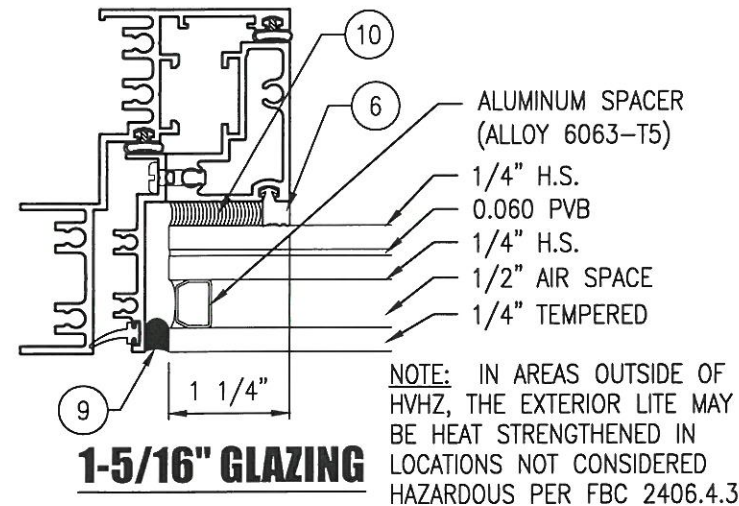
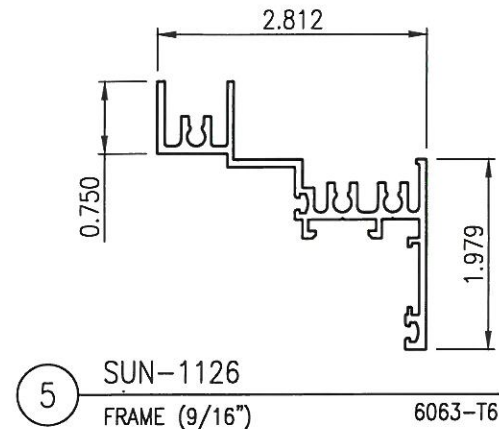
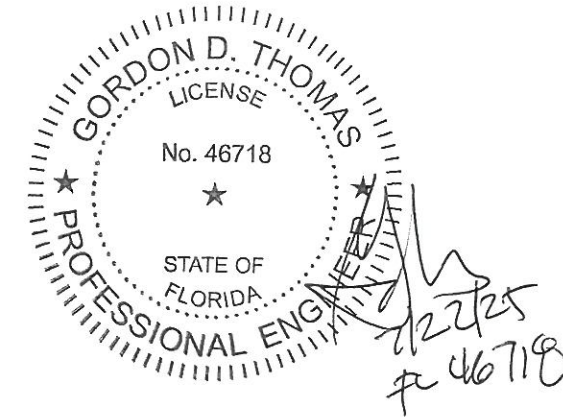
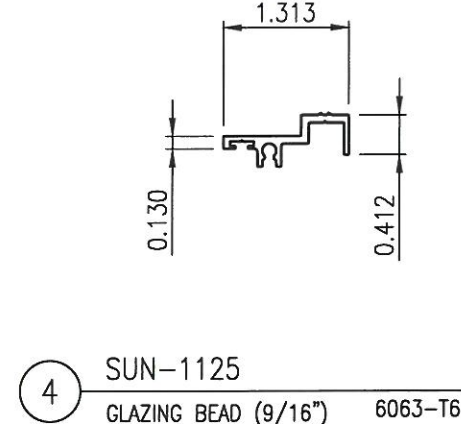
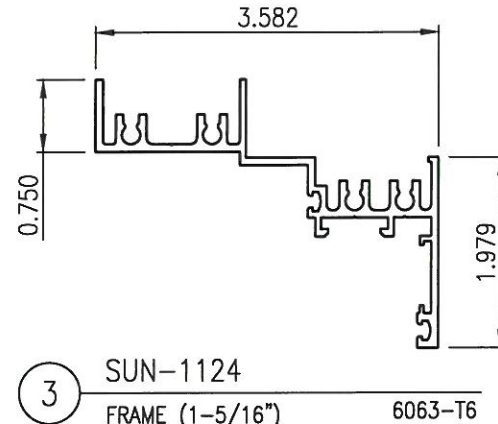
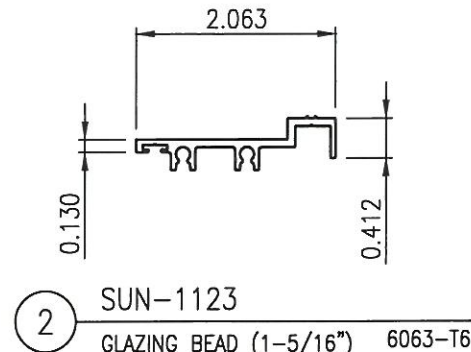
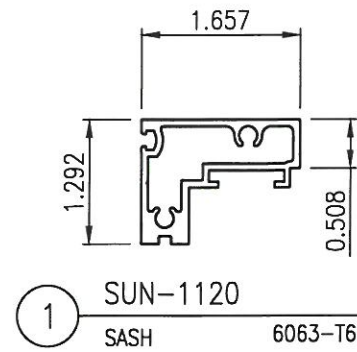
SCALE: HALF

DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL24543.2

SHEET: **3** OF **4**



BILL OF MATERIALS					
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER	NOTES
1	SUN-1120	SASH	6063-T6	SUN METALS	
2	SUN-1123	GLAZING BEAD (1-5/16" GLAZING)	6063-T6	SUN METALS	
3	SUN-1124	FRAME (1-5/16" GLAZING)	6063-T6	SUN METALS	
4	SUN-1125	GLAZING BEAD (9/16" GLAZING)	6063-T6	SUN METALS	
5	SUN-1126	FRAME (9/16" GLAZING)	6063-T6	SUN METALS	
6	TR-10681E	CAULK STOP	EPDM	TREMCO	Durometer: 70+/-5
7	OSZL-003	BULB AT VENT	EPDM	GRP	Durometer: 60+/-5
8	OSZL-002	WIPE AT VENT	PEROXIDE EPDM	GRP	Durometer: 70+/-5
9		PERIMETER WEATHERSEAL	SILICONE	DOW CORNING	795 OR APPROVED EQ.
10		DOW 983 2 PART STRUCTURAL SEALANT	SILICONE	DOW CORNING	
11		1/4" SETTING BLOCK	SILICONE	VARIES	AT 1/4 POINTS
12		#8 x 1/2" S/S PH SMS	18-8	VARIES	
13		#10 X 1-1/2" S/S PH SMA	18-8	VARIES	
14		SHIM	POLYSTYRENE	VARIES	

BILL OF MATERIALS - VENT HARDWARE					
ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER	NOTES
A	#01347	ADJUSTABLE HP KEEPER	ZAMAK	GIESSE	
B	#04047	LOCKING PAWL	ZAMAK	GIESSE	
C	#4031	SECURITY LOCKING PAWLS	ZAMAK	GIESSE	
D	#03524	CONNECTING ROD	ZAMAK	GIESSE	
E	#01971	SHIM	POLYAMIDE	GIESSE	
F	#08361	22" 4-BAR HINGES (PAIR)	STEEL	GIESSE	
G	#01171	HANDLE (CREMONE OPERATOR BI-DIRECTIONAL)	CAST ALUM.	GIESSE	
H	#02262	CONNECTING BLOCK	ZAMAK	GIESSE	
I	#4019	CORNER DRIVES	ZAMAK	GIESSE	
J	#01350	SNUBBERS	ZAMAK	GIESSE	

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PRODUCT:
SUNMETALS SERIES 1100Z
SMALL MISSILE IMPACT

PART OR ASSEMBLY:
COMPONENTS & GLAZING

ECV	FBC	JCB	BY
2	7/14/25	UPDATE TO 8TH ED. (2023)	
1	9/21/20	UPDATE TO 7TH ED. (2020)	
NO	DATE	DESCRIPTION	REVISIONS

DATE: 11/29/17

SCALE: HALF

DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL24543.2

SHEET: 4 OF 4