

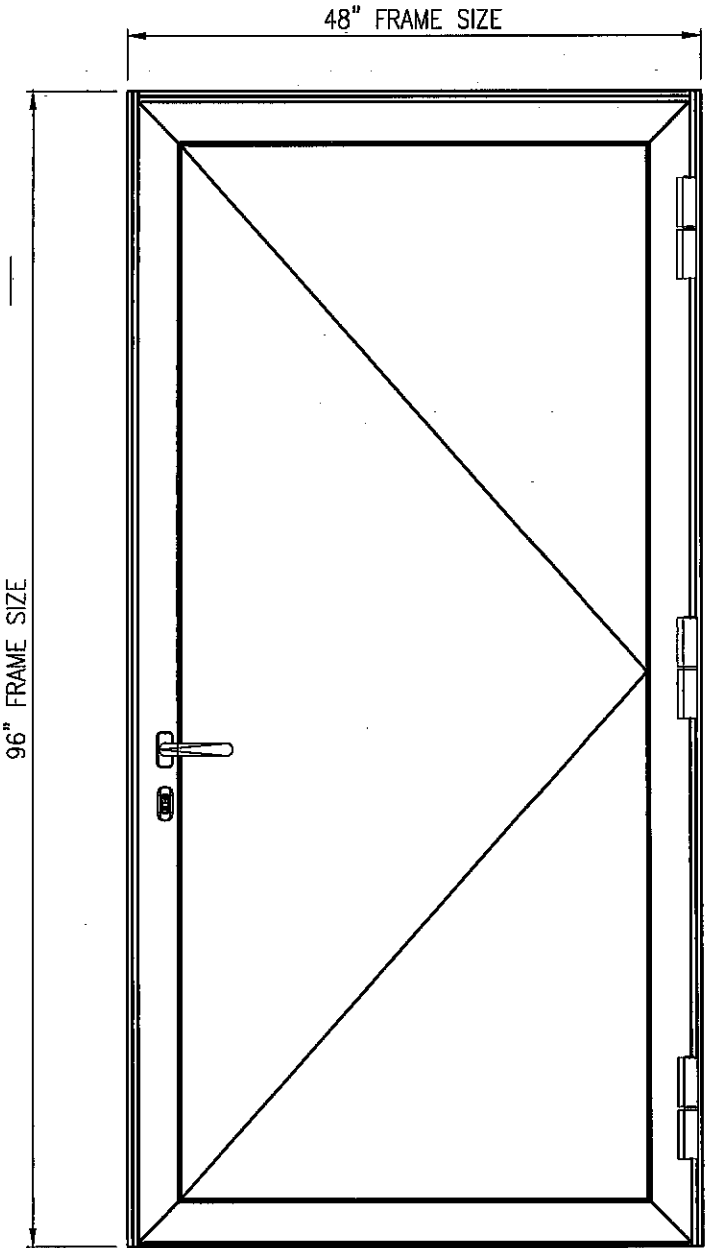
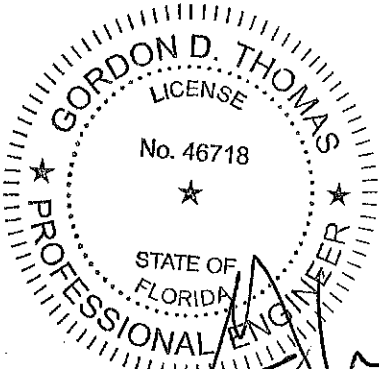
SUNDOOR 4000
TERRACE DOOR

"NON-IMPACT"

GENERAL NOTES:

- 1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code structural requirements excluding 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 areas outside of the "HVHZ" requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the 2020 FBC.
- 4. 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 AND DESIGN PRESSURES
2	ELEVATIONS
3	DETAILS
4	HARDWARE
5	ANCHOR SCHEDULE
6	COMPONENTS AND BILL OF MATERIALS



SUNDOOR 4000 TERRACE DOOR DESIGN PRESSURE TABLE					
MAX UNIT HEIGHT	MAX UNIT WIDTH	GLAZING TYPE	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
				POS	NEG
96"	48"	GT1	39" x 87 9/16"	+65	-65

5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666

SUN METALS

PRODUCT:
SUNDOOR 4000
TERRACE DOOR

PART OR ASSEMBLY:
GENERAL NOTES
AND DESIGN PRESSURES

NO	DATE	REVISE	GENERAL NOTES DESCRIPTION	BY	ECV
1	3/18/24				

DATE: 01/19/24

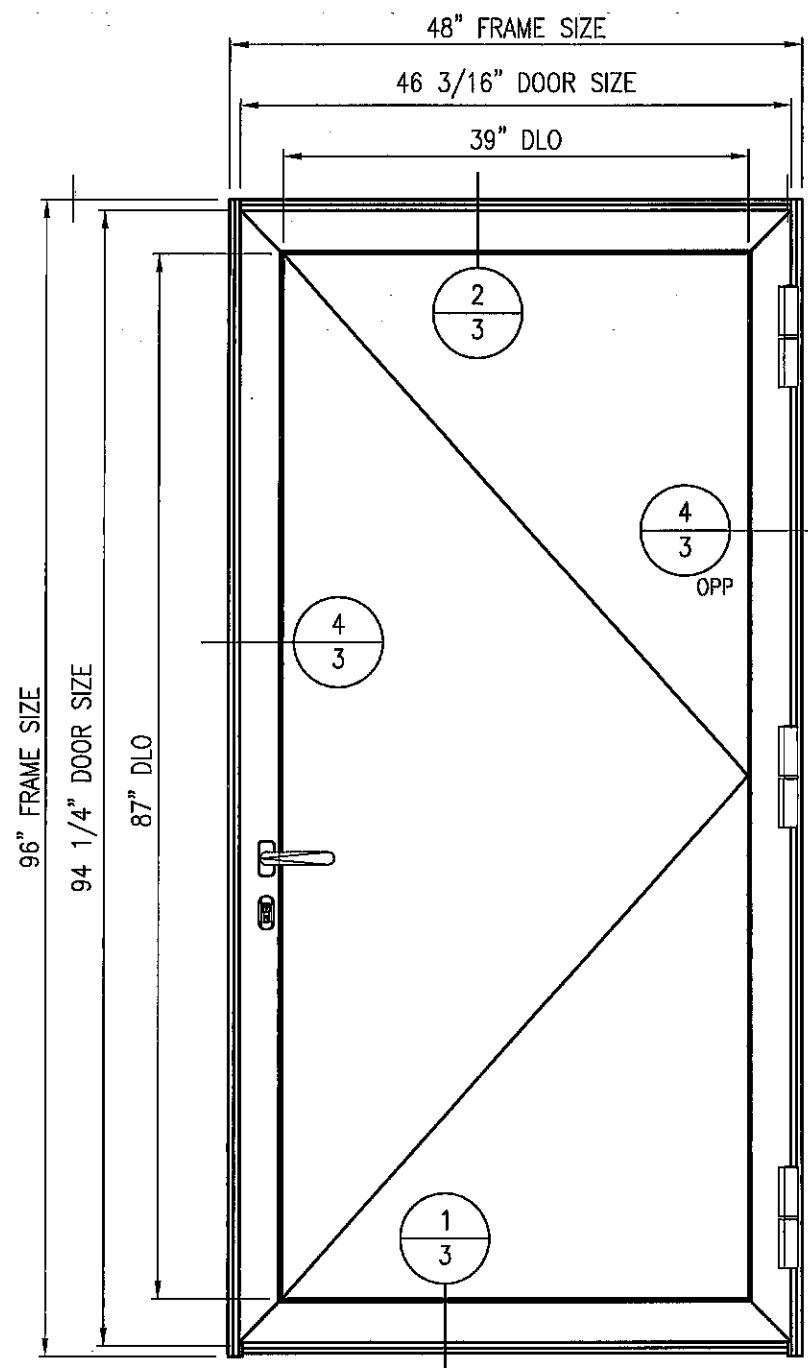
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DWG. BY: ECV

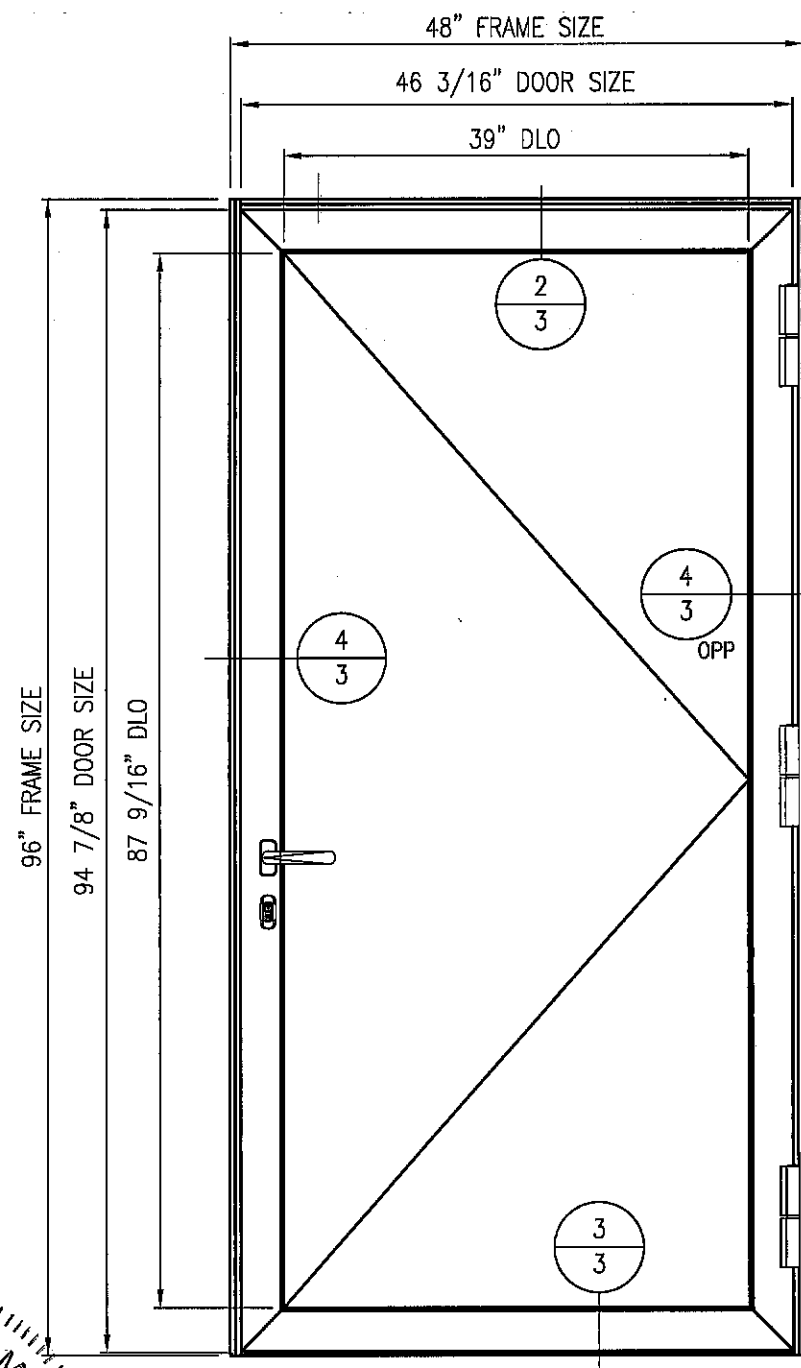
CHK BY: GT

DRAWING NO.:
FL46489.1

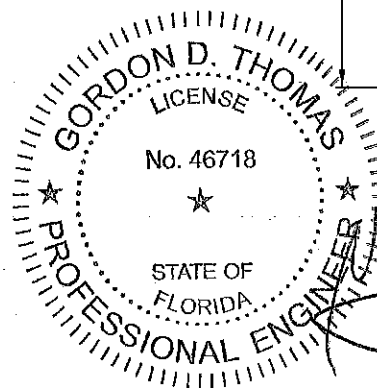
SHEET: 1 OF 6



ELEV SERIES 4000 TERRACE DOOR
STANDARD (OUT SWING) Scale: 3/4" = 1'-0"



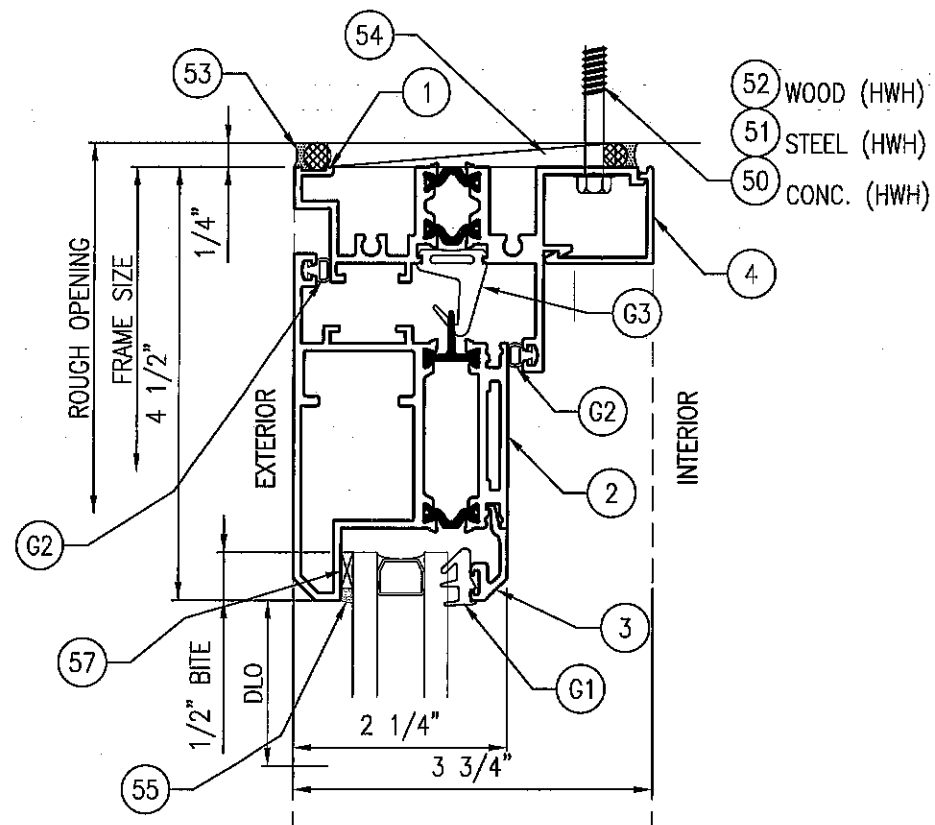
ELEV SERIES 4000 TERRACE DOOR
ADA (OUT SWING) Scale: 3/4" = 1'-0"



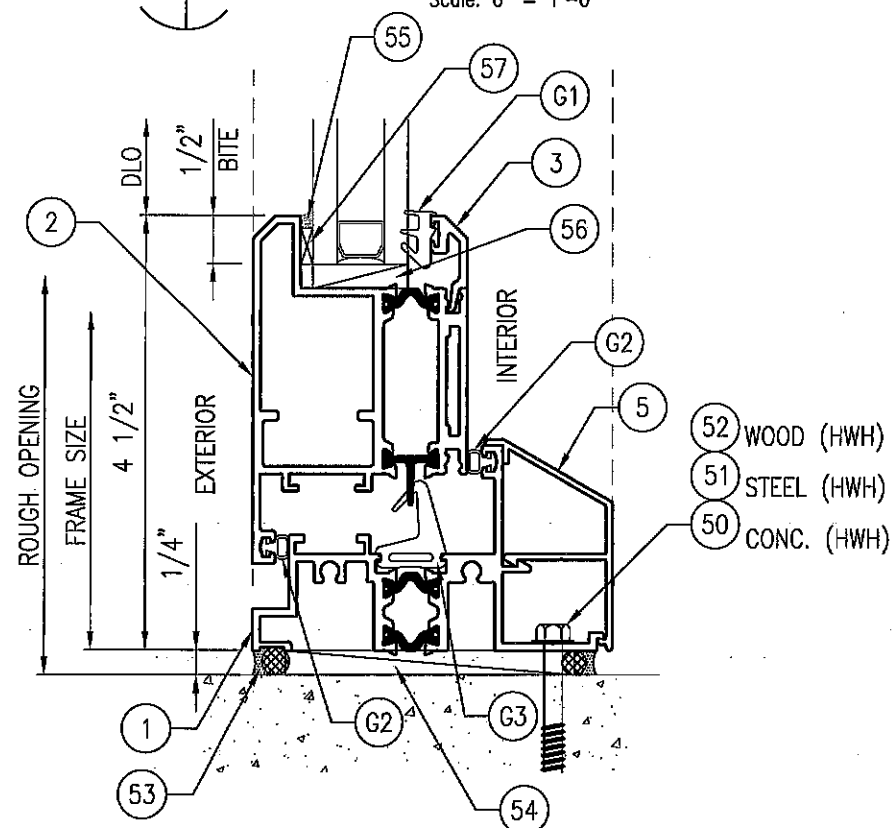
3/20/24
FL 46718

5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666 SUN METALS		PRODUCT: SUNDOR 4000 TERRACE DOOR		PART OR ASSEMBLY: ELEVATIONS	
DATE: 01/19/24		SCALE: AS INDICATED		DWG. BY: ECV	
CHK BY: GT		DRAWING NO.: FL46489.1		SHEET: 2 OF 6	

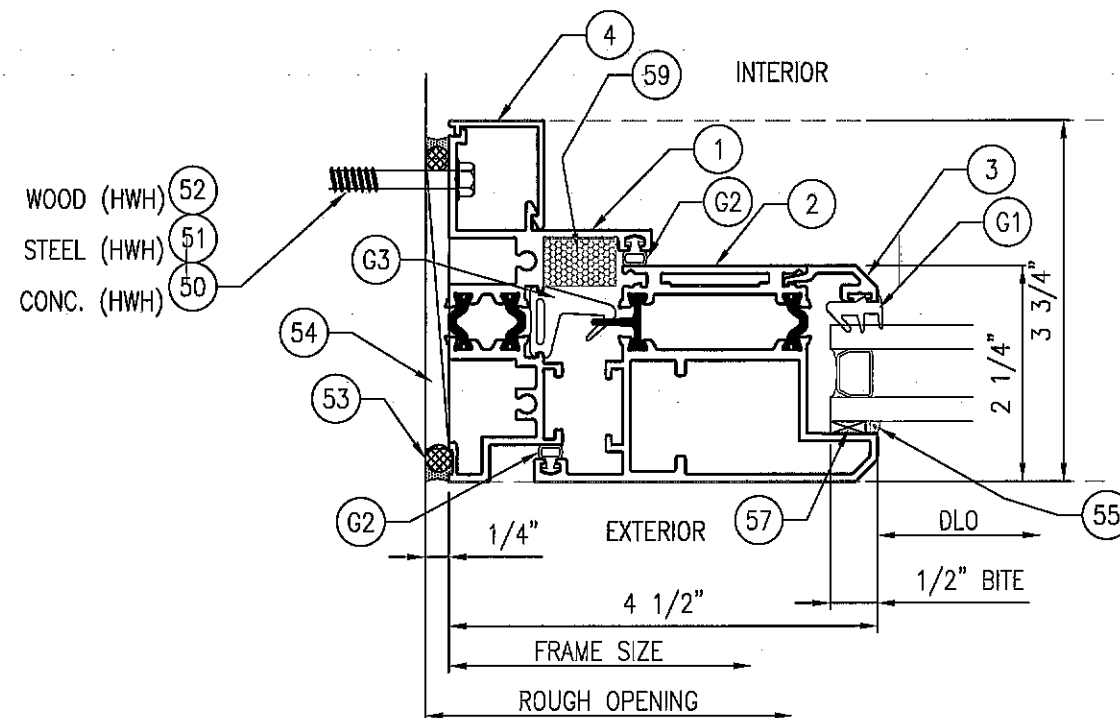
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1	3/18/24	REVISE	GENERAL NOTES	ECV



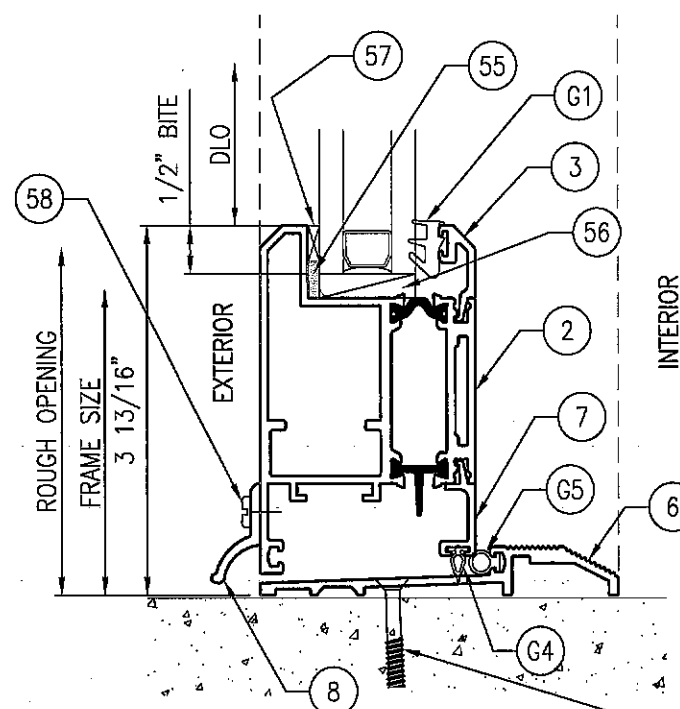
2 HEAD (OUT-SWING)
Scale: 6" = 1'-0"



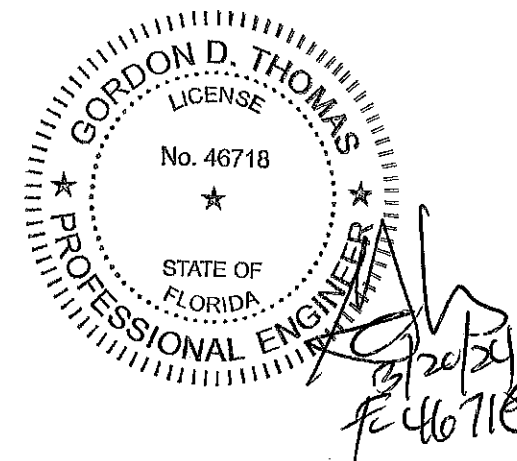
1 STANDARD SILL (OUT-SWING)
Scale: 6" = 1'-0"



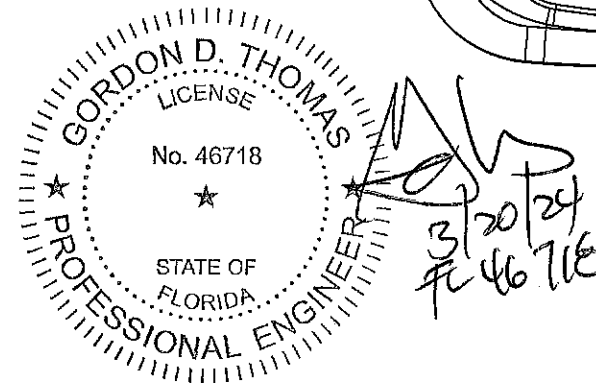
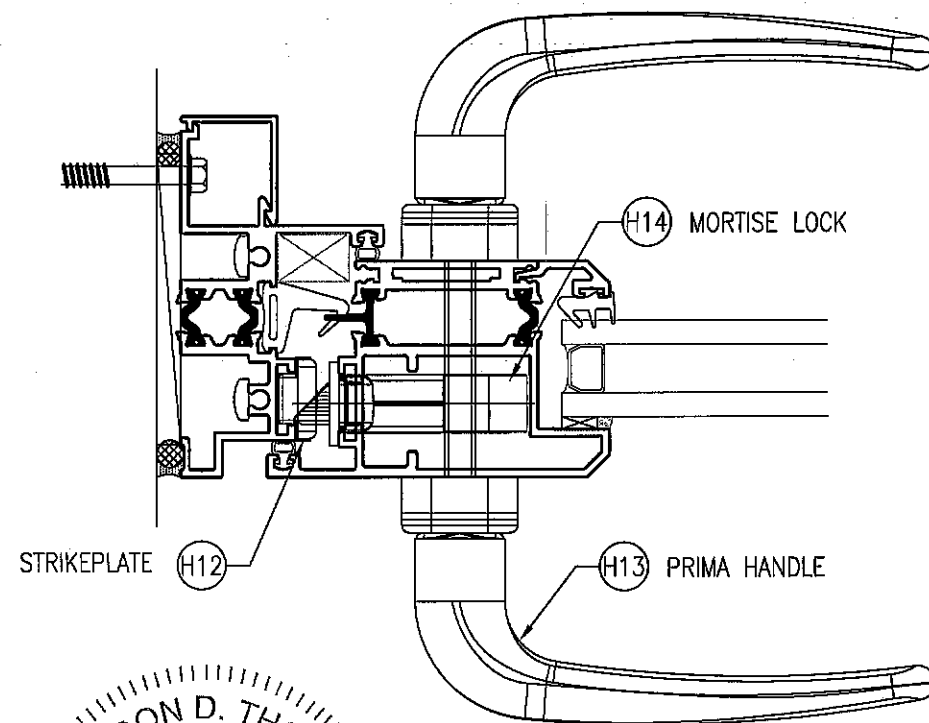
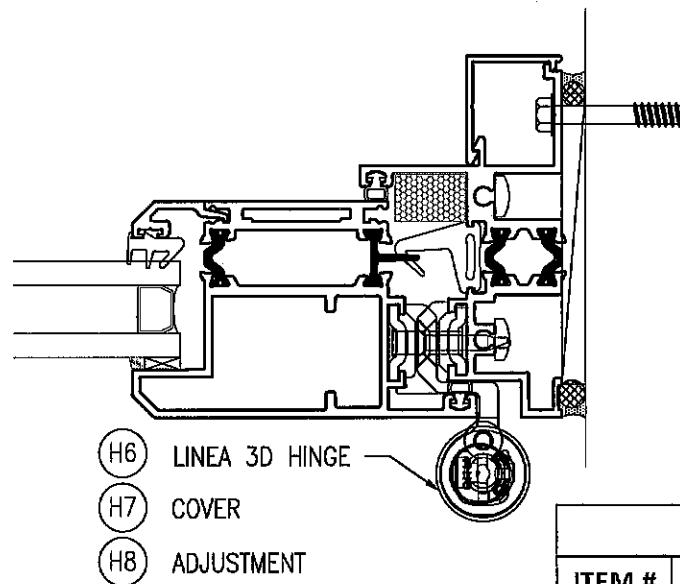
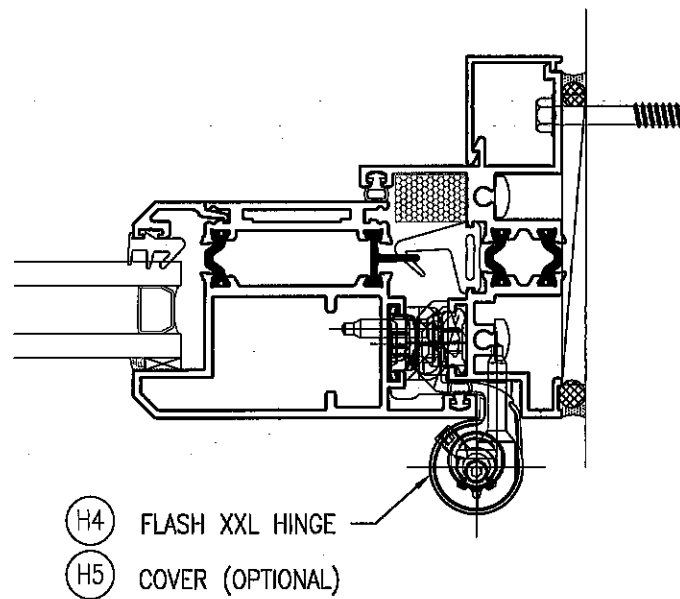
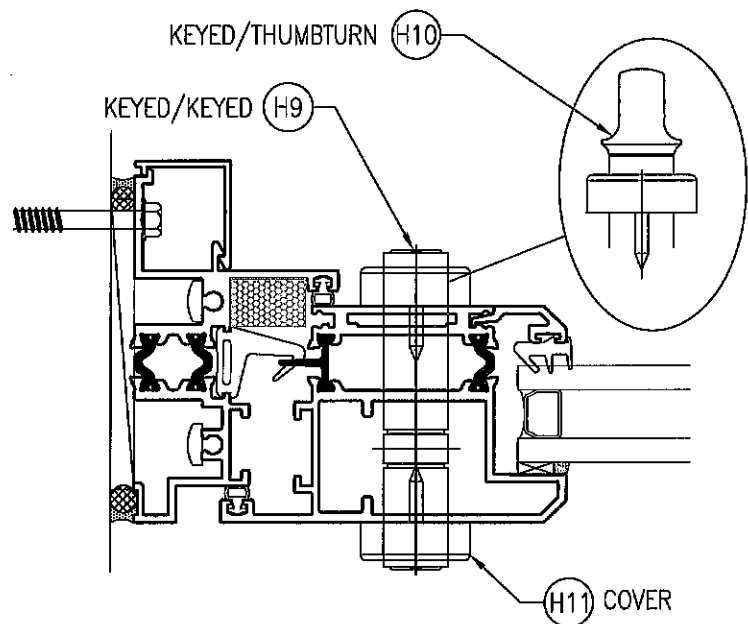
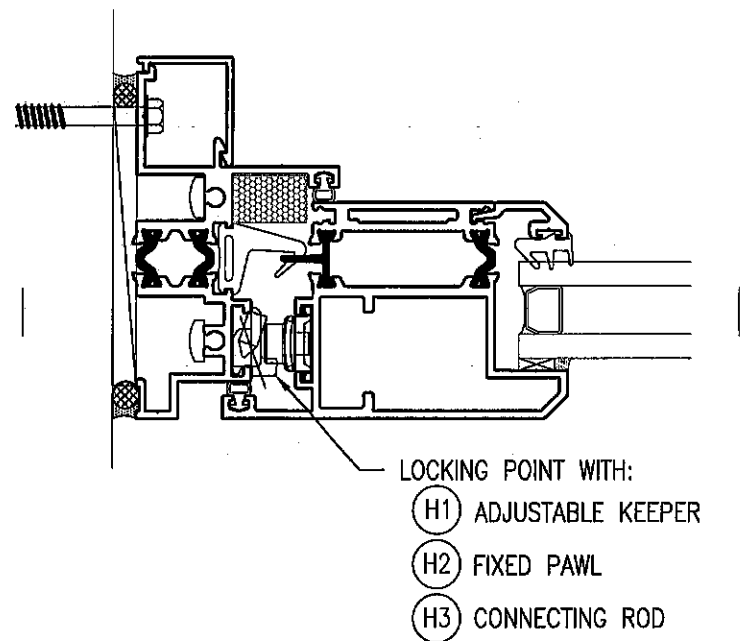
4 JAMB (OUT-SWING)
Scale: 6" = 1'-0"



3 ADA SILL (OUT-SWING)
Scale: 6" = 1'-0"



5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666			
PRODUCT: SUNDOR 4000 TERRACE DOOR		PART OR ASSEMBLY: DETAILS	
DATE: 01/19/24		SCALE: AS INDICATED	
DWG. BY: ECV		CHK BY: GT	
DRAWING NO.: FL46489.1		SHEET: 3 OF 6	
NO. DATE REVISIONS		1 3/18/24 REVISE GENERAL NOTES DESCRIPTION BY ECV	



BILL OF MATERIALS - HARDWARE

ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
H1	01347	ADJUSTABLE KEEPER	ZAMAK	GIESSE
H2	04047	FIXED PAWL	ZAMAK	GIESSE
H3	03524	CONNECTING ROD	FIBRE GLASS-ENRICHED POLYIMIDE	GIESSE
H4	00598	FLASH XXL HINGE	ALUMINUM	GIESSE
H5	00599	FLASH XXL HINGE COVER (OPTIONAL)	ALUMINUM	GIESSE
H6	00568	LINEA 3D HINGE	ALUMINUM	GIESSE
H7	00589	LINEA 3D HINGE COVER	ALUMINUM	GIESSE
H8	00570	LINEA 3D ADJUSTMENT	ALUMINUM	GIESSE
H9	07687	KEYED/KEYED LOCK ASSEMBLY	VARIOUS	GIESSE
H10	04634	KEYED/THUMBTURN LOCK ASSEMBLY	VARIOUS	GIESSE
H11	02430	COVER FOR CYLINDER	NYLON	GIESSE
H12	04655	STRIKEPLATE	STAINLESS	GIESSE
H13	02472	PRIMA HANDLE	ALUMINUM/ZAMAK	GIESSE
H14	04646	MORTISE LOCK, LEVER ACTIVATED 35MM BACKSET	STAINLESS/ZAMAK/GALV STEEL	GIESSE

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PRODUCT: SUNDOR 4000
TERRACE DOOR

PART OR ASSEMBLY: HARDWARE

NO	DATE	REVISION	BY
1	3/18/24	REVISE GENERAL NOTES	ECV

DATE: 01/19/24

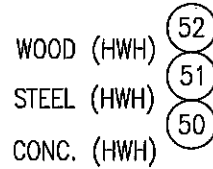
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DWG. BY: ECV

CHK BY: GT

DRAWING NO.: FL46489.1

SHEET: 4 OF 6



SUBSTRATE



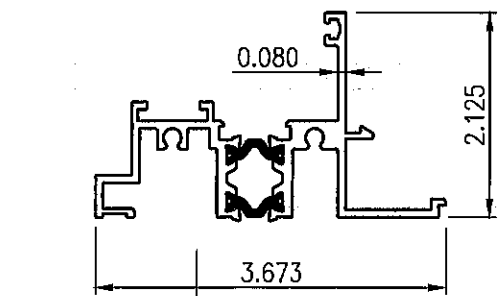
SUN METALS

**SUNDOOR 4000
TERRACE DOOR**

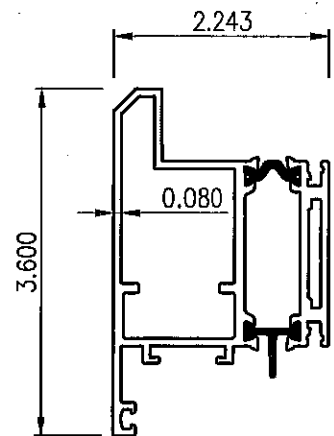
PART OR ASSEMBLY:
ANCHOR SCHEDULE
AND GLAZING

NO	DATE	DESCRIPTION	BY
1	3/18/24	REVISE GENERAL NOTES	ECV

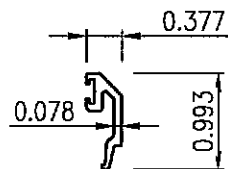
SHEET: **5** OF **6**



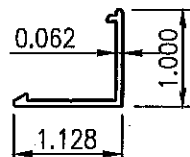
1 SUN-4113
FRAME Scale: 6" = 1'-0"



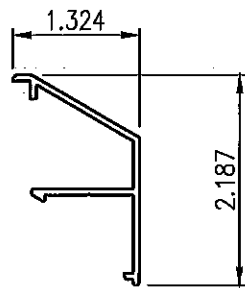
2 SUN-4118
DOOR RAIL Scale: 6" = 1'-0"



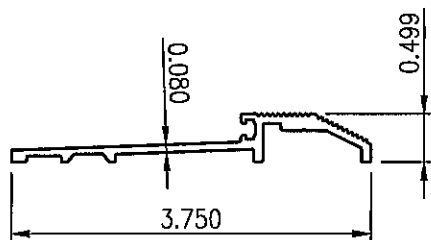
3 SUN-4119
GLAZING BEAD Scale: 6" = 1'-0"



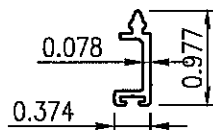
4 SUN-4114
HEAD/JAMB SCREW COVER Scale: 6" = 1'-0"



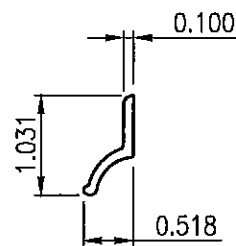
5 SUN-4115
SILL SCREW COVER Scale: 6" = 1'-0"



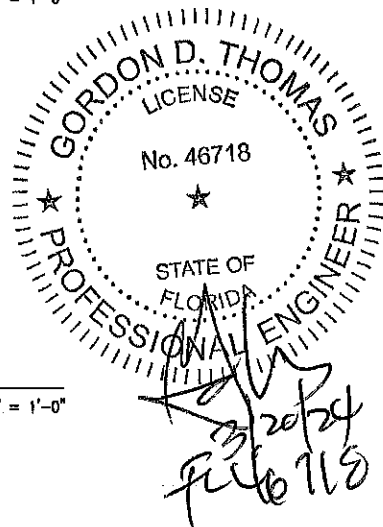
6 SUN-4100
ADA THRESHOLD Scale: 6" = 1'-0"



7 SUN-4120
ADA DOOR EXTENSION Scale: 6" = 1'-0"



8 SUN-4101
DRIP EDGE Scale: 6" = 1'-0"



G1 G-2007
WEDGE Scale: 6" = 1'-0"

G2 TR-20681E
BULB Scale: 6" = 1'-0"

G3 TR-20682E
PERIMETER GASKET Scale: 6" = 1'-0"

G4 GRP-2115
WIPE Scale: 6" = 1'-0"

G5 TX-24392E
BULB Scale: 6" = 1'-0"

BILL OF MATERIALS - GASKETS

ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
G1	G-2007	EXTRUDED 70 DURO WEDGE	EPDM	GRP
G2	TR-02681E	BULB	EPDM	TREMCO
G3	TR-20682E	PERIMETER GASKET	EPDM	TREMCO
G4	GRP-2115	WIPE	EPDM	GRP
G5	TX-24392E	60 DURO EPDM BULB	EPDM	TREMCO

BILL OF MATERIALS - ALUMINUM EXTRUSIONS

ITEM #	PART #	DESCRIPTION	MATERIAL	MANUFACTURER
1	SUN-4113	DOOR FRAME	6063-T6	SUN METALS
2	SUN-4118	DOOR RAIL	6063-T6	SUN METALS
3	SUN-4119	GLAZING BEAD	6063-T6	SUN METALS
4	SUN-4114	HEAD/JAMB FRAME SCREW COVER	6063-T6	SUN METALS
5	SUN-4115	SILL SCREW COVER	6063-T6	SUN METALS
6	SUN-4100	ADA THRESHOLD	6063-T6	SUN METALS
7	SUN-4120	ADA DOOR EXTENSION	6063-T6	SUN METALS
8	SUN-4101	DRIP EDGE	6063-T6	SUN METALS

BILL OF MATERIALS - MISCELLANEOUS

ITEM #	DESCRIPTION	MATERIAL	MANUFACTURER
50	1/4" Ø CONCRETE ANCHOR (SEE SCHEDULE)	CARBON STEEL	VARIES
51	1/4-20 HWH TEK SCREW (SEE SCHEDULE)	CARBON STEEL	VARIES
52	#20 HWH WOOD SCREW (SEE SCHEDULE)	CARBON STEEL	VARIES
53	PERIMETER SEALANT AND BACKER-ROD	DOW-795	DOW CORNING
54	SHIM	POLYSTYRENE	VARIES
55	STRUCTURAL SILICONE	DOW-993	DOW CORNING
56	1/4" SETTING BLOCK	SILICONE	VARIES
57	1/8" X 3/8" GLAZING TAPE	-	VARIES
58	#8 PH SMS	STAINLESS	VARIES
59	1/2" X 27/32" X 4" FOAM BLOCK	-	VARIES

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PRODUCT:

SUNDOOR 4000
TERRACE DOOR

PART OR ASSEMBLY:

COMPONENTS AND
BILL OF MATERIALS

ECV	BY
1	3/18/24
NO	DATE
REVISIONS	DESCRIPTION

DATE: 01/19/24

SCALE: AS INDICATED

DWG. BY: ECV

CHK BY: GT

DRAWING NO.:
FL46489.1

SHEET: 6 OF 6