

GAMMANS SKYLIGHT SYSTEMS

10 Beavers Street
Newnan, GA 30263

SERIES 350, 500 & 700 ALUMINUM FIXED SKYLIGHT SYSTEM "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 excluding the "High Velocity Hurricane Zone" (HVHZ).
2.
- When used in areas requiring wind borne debris protection for installations above 30 feet above grade, this product complies with FBC Section 1609.1.2 as a small missile impact resistant product and does not require an impact resistant covering. This product meets missile level "A" as defined in ASTM E 1996. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with FBC Section 1609.1.2.2.
3.
- The system detailed herein is generic and does not provide information for a specific site. A licensed engineer or registered architect shall prepare site specific documents (including framing support and connections) to be used in conjunction with this document.
4.
- Permit holder shall verify the adequacy of the existing structure to withstand new superimposed loads.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Frame anchoring
4	Bill of materials, glazing detail and components

275

L. F. SCHMIDT

LICENSE

No. 43409

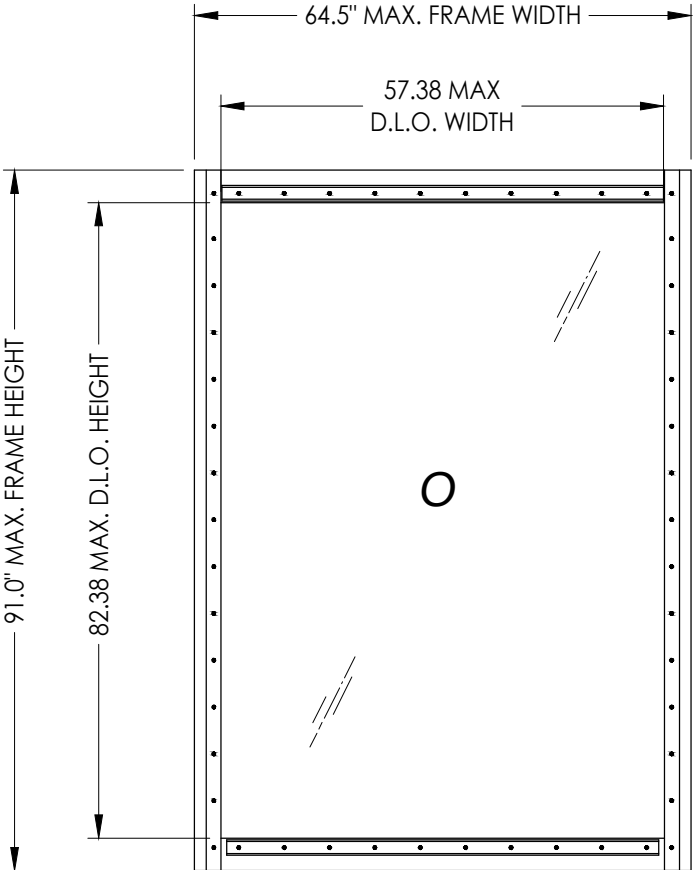
STATE OF FLORIDA

PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
64.5" X 91.0"	57.38" X 82.38"	+90.0	-90.0

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
GAMMANS SKYLIGHT SYSTEMS
ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS			
		BY	LFS	FBC	UPDATE TO
4	9/13/23		LFS	FBC	UPDATE TO 8TH ED. (2023)
3	10/01/20		LFS	FBC	UPDATE TO 7TH ED. (2020)
2	3/07/18		LFS	FBC	UPDATE TO 6TH ED. (2017)
1	6/23/15		LFS	FBC	UPDATE TO 5TH ED. (2014)

DATE: 1/24/12

SCALE: N.T.S.

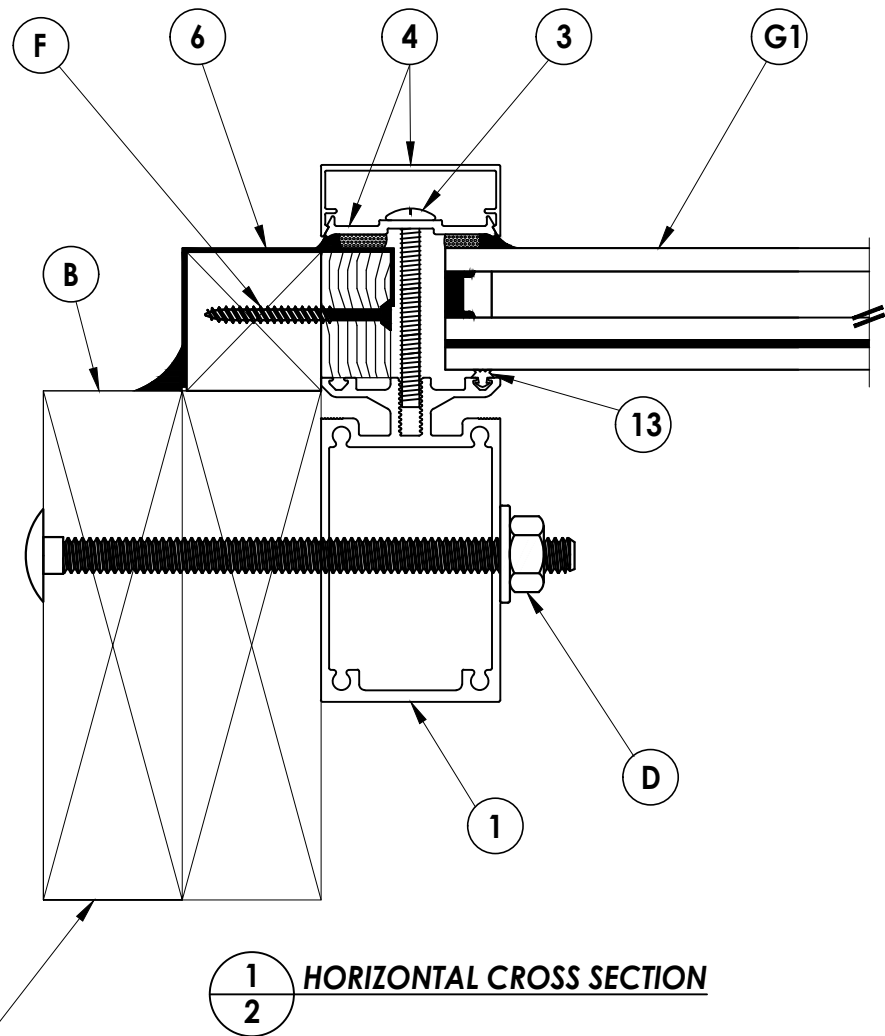
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CHK. BY: LFS

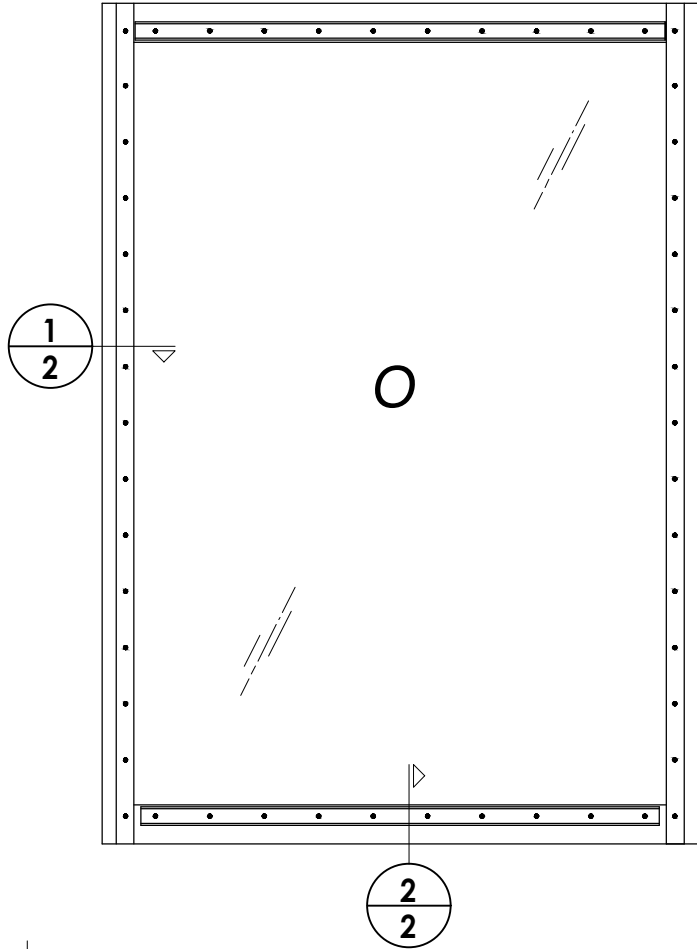
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SHEET 1 OF 4

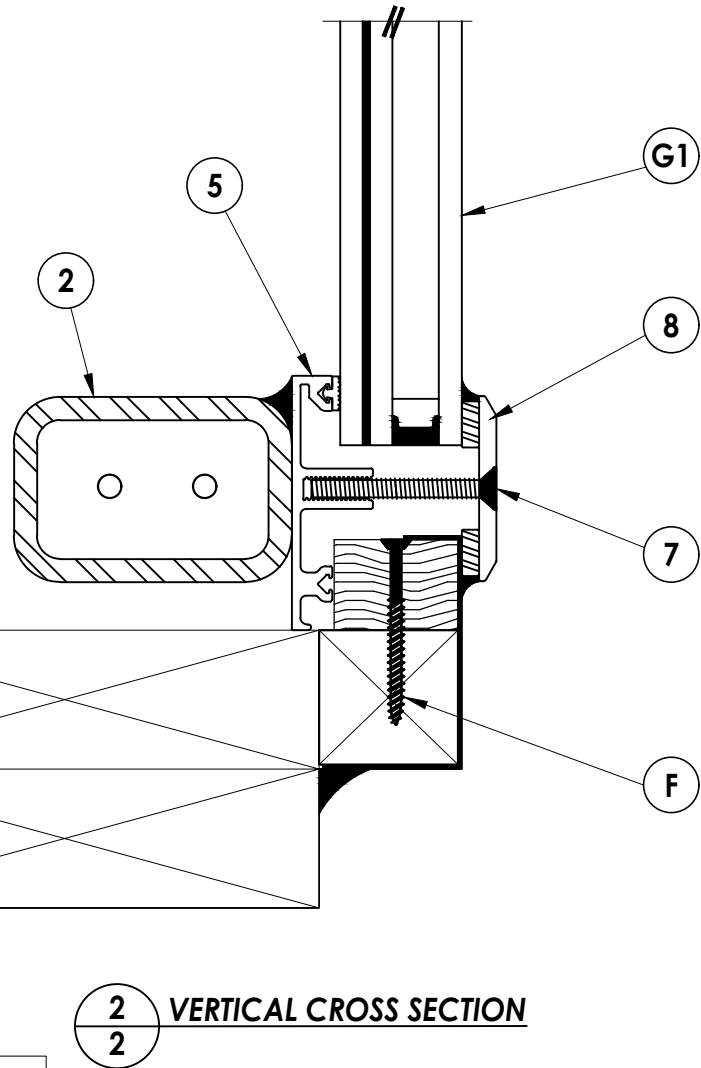
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SHOWN AS TESTED. SUPPORTING STRUCTURE
BY OTHERS (SEE GENERAL NOTES 3 & 4, SHEET 1).



SHOWN AS TESTED. SUPPORTING STRUCTURE
BY OTHERS (SEE GENERAL NOTES 3 & 4, SHEET 1).



2/2 VERTICAL CROSS SECTION

NO.	DATE	REVISIONS
4	9/13/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	10/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	3/07/18	UPDATE TO 6TH ED. (2017) FBC LFS
1	6/23/15	UPDATE TO 5TH ED. (2014) FBC LFS

DATE: 1/24/12

SCALE: N.T.S.

DWG. BY: KV

CHK. BY: LFS

DRAWING NO.:

FL-15146.1

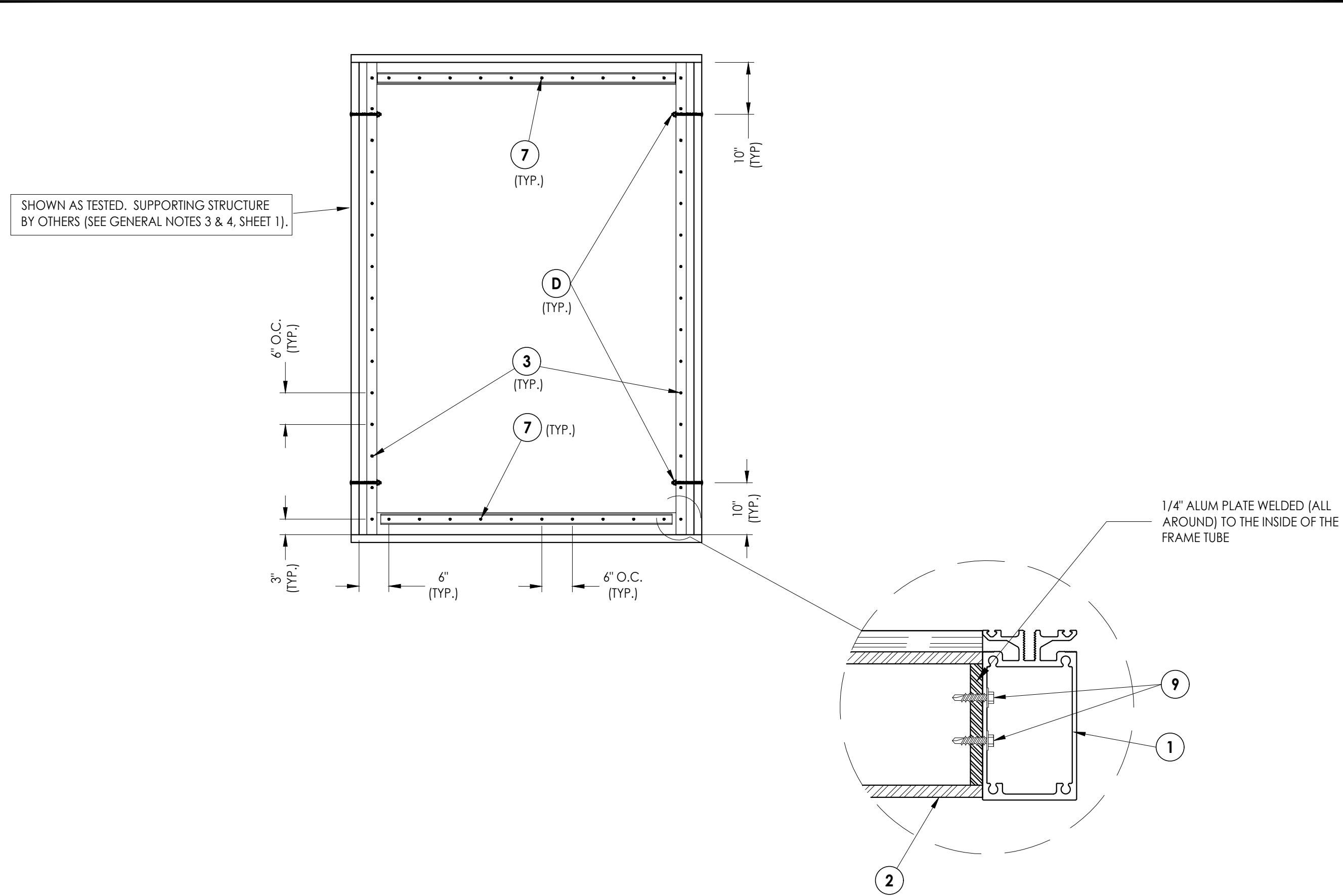
SHEET 2 OF 4

PRODUCT:
GAMMANS SKYLIGHT SYSTEMS
ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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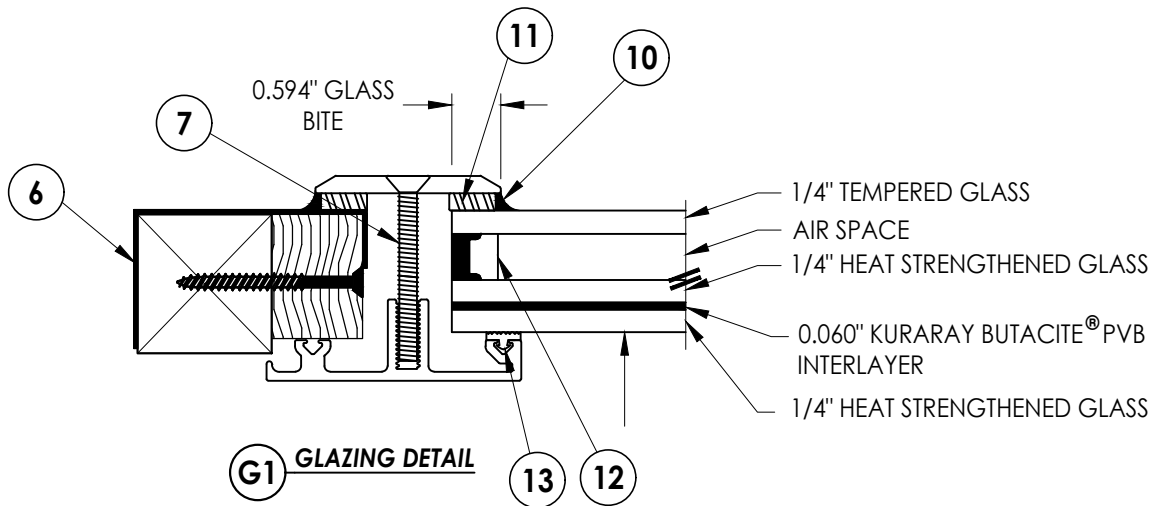
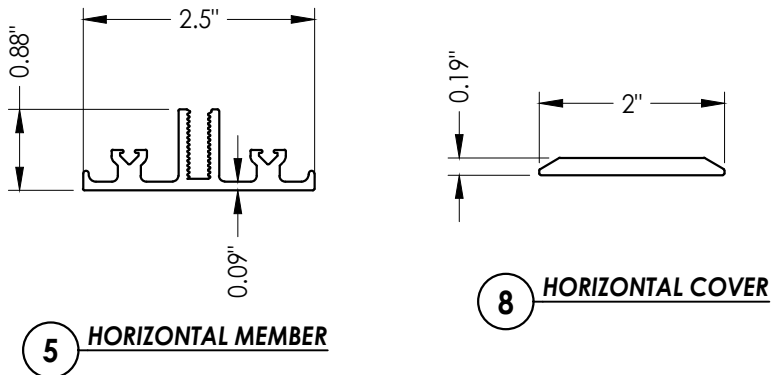
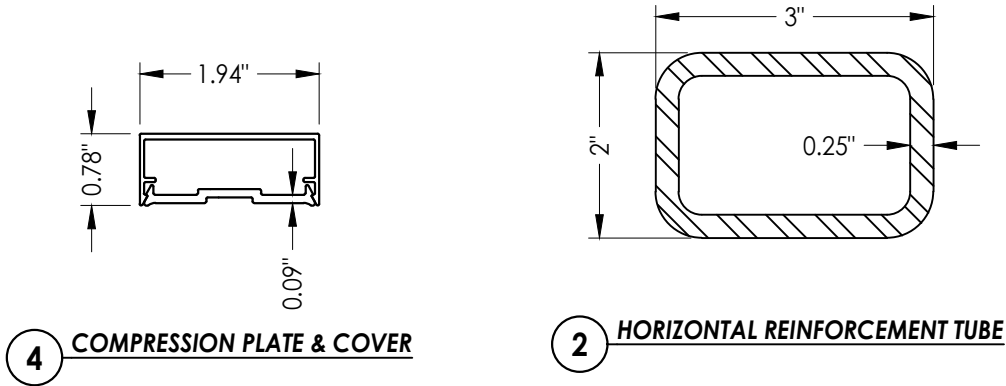
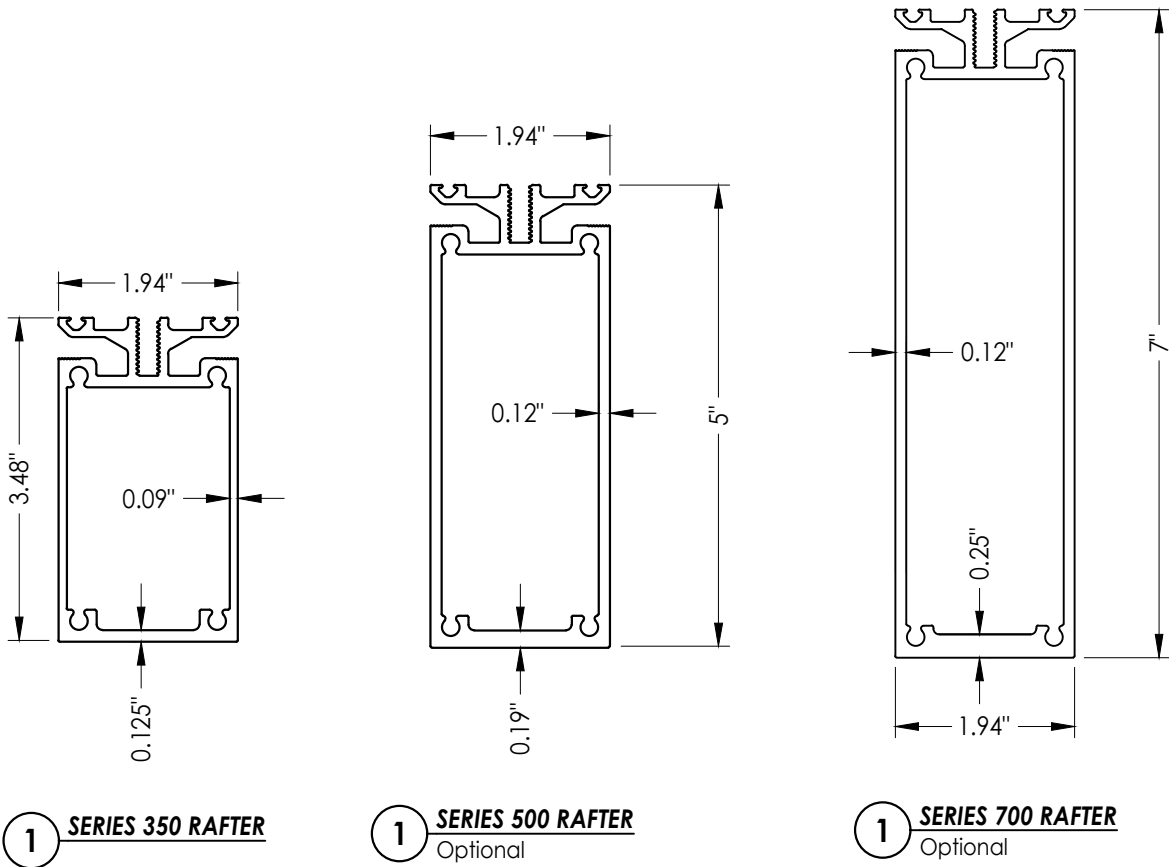
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	WOOD
D	3/8" X 6" CARRIAGE BOLT	STEEL
F	#8 X 2" PFH WOOD SCREW	STEEL
1	SERIES 350/500/700 RAFTER	6063-T5 ALUM.
2	HORIZONTAL REINFORCEMENT TUBE	6063-T5 ALUM.
3	1/4-20 x 1-1/2" PH MACHINE SCREW S.S.	STAINLESS STEEL
4	COMPRESSION PLATE & COVER	6063-T5 ALUM.
5	HORIZONTAL MEMBER	6063-T5 ALUM.
6	CURB w/ WOOD FILLER	6063-T5 ALUM.
7	1/4-20 x 1-1/2" FH MACHINE SCREW S.S.	STAINLESS STEEL
8	HORIZONTAL COVER	6063-T5 ALUM.
9	1/4-20 x 1-1/2" SELF-DRILLING SHEET METAL SCREW	STEEL
10	DOW CORNING 995 SILICONE	SILICONE
11	1/4" X 1/2" FOAM TAPE (NORTON V990)	SILICONE
12	ALUM SPACER	ALUM
13	SILICONE GASKET	SILICONE



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PRODUCT: GAMMANS SKYLIGHT SYSTEMS ALUMINUM FIXED SKYLIGHT				PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL			
4	9/13/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	10/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
2	3/07/18	UPDATE TO 6th ED. (2017)	FBC	LFS			
1	6/23/15	UPDATE TO 5th ED. (2014)	FBC	LFS			
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				REVISIONS			
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SCALE: N.T.S.							
DWG. BY: KV							
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SHEET 4 OF 4							