

GAMMANS SKYLIGHT SYSTEMS

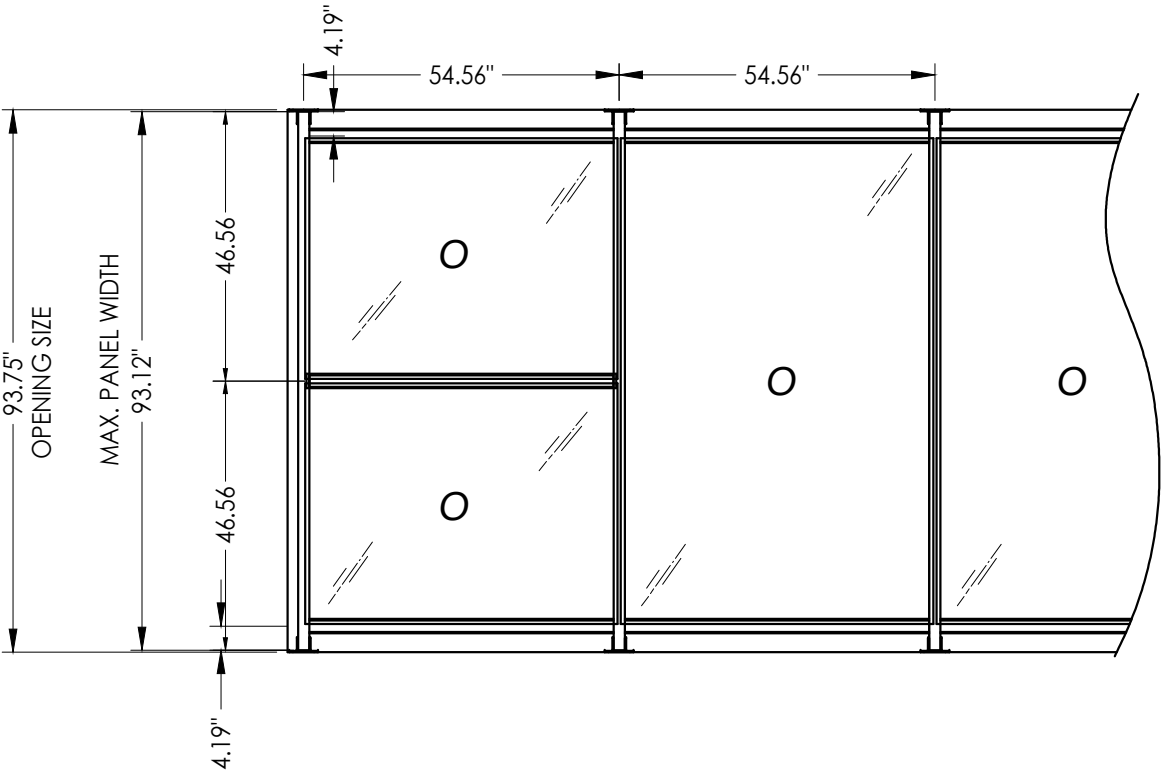
One Beavers Street
Newnan, GA 30263

SERIES 500 & 700 ALUMINUM FIXED SKYLIGHT SYSTEM "LARGE MISSILE IMPACT"

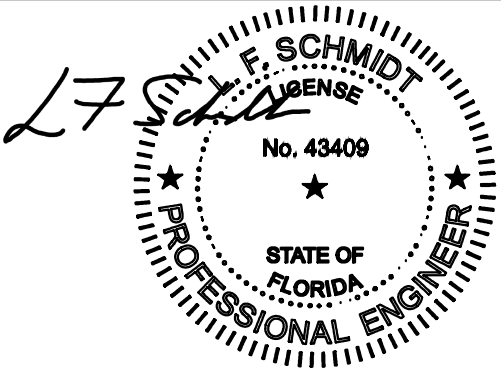
GENERAL NOTES

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, this product complies with FBC Section 1609.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and 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 pressure & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Bill of materials, glazing details & components



MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
54.56" x 93.12"	52.50" x 82.75"	G1	+70.0	-70.0



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

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

GAMMANS SKYLIGHT SYSTEMS
ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURE AND GENERAL NOTES

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
NO.	DATE		BY
REVISIONS			

DATE: 1/24/12

SCALE: N.T.S.

DWG. BY: KV

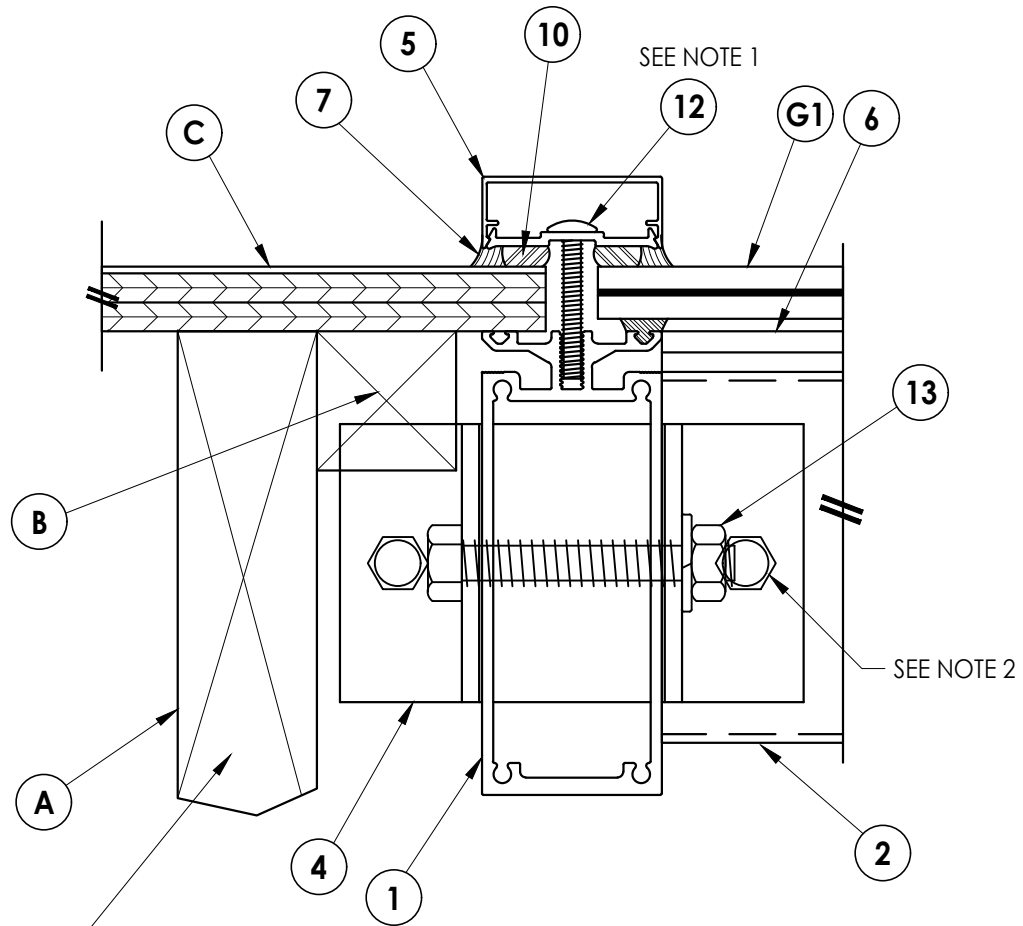
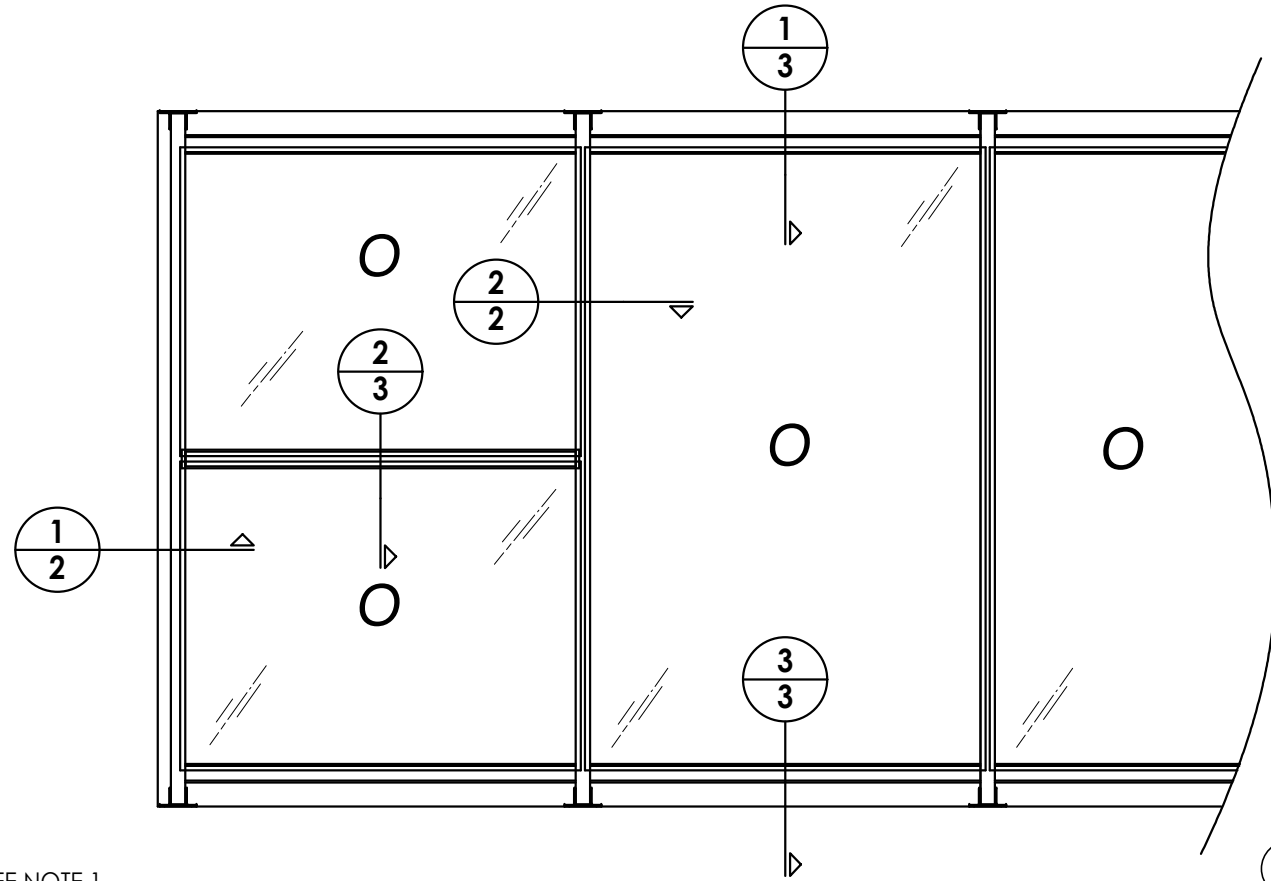
CHK. BY: LFS

DRAWING NO.: FL-15146.4

SHEET 1 OF 4

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

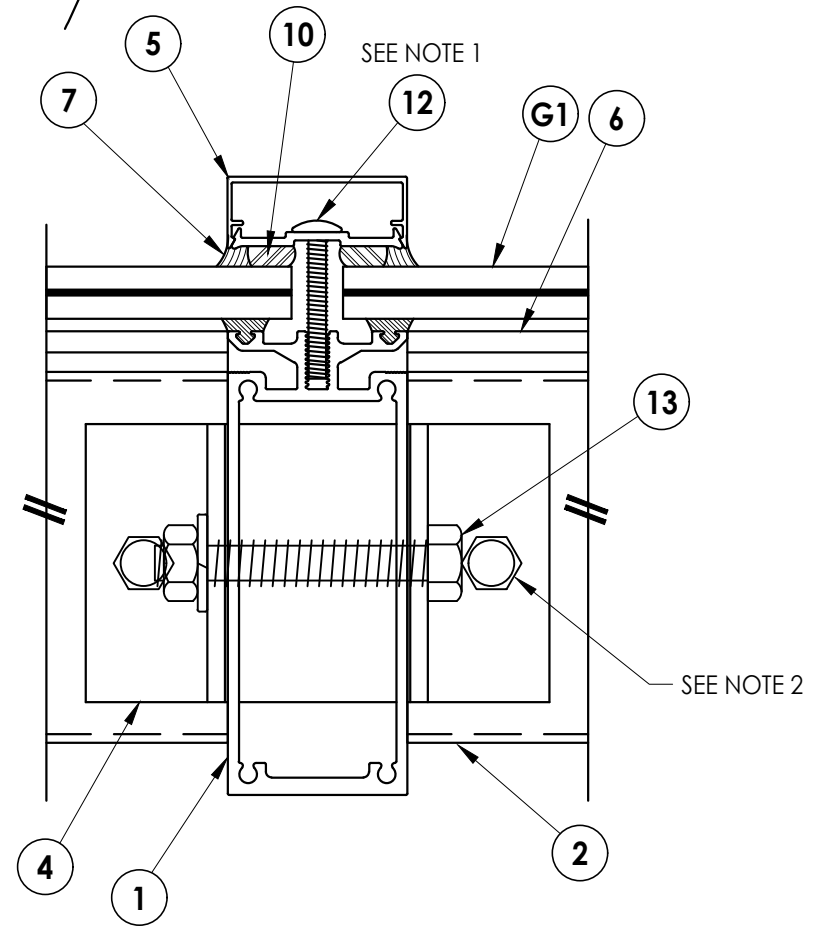
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SHOWN AS TESTED. SUPPORTING STRUCTURE
BY OTHERS (SEE GENERAL NOTES 3 & 4, SHEET 1).

NOTES:

1. LOCATED 6" FROM EACH CORNER AND 12" O.C. MAX.
2. FRAMING CONNECTION BY OTHERS.



2 HORIZONTAL CROSS SECTION

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
NO	DATE				BY
					REVISIONS

DATE: 1/24/12

SCALE: *N.T.S.*

DWG. BY: KV

CHK. BY: LFS

DRAWING NO.:

FL-15146.4

SHEET 2 OF 4

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

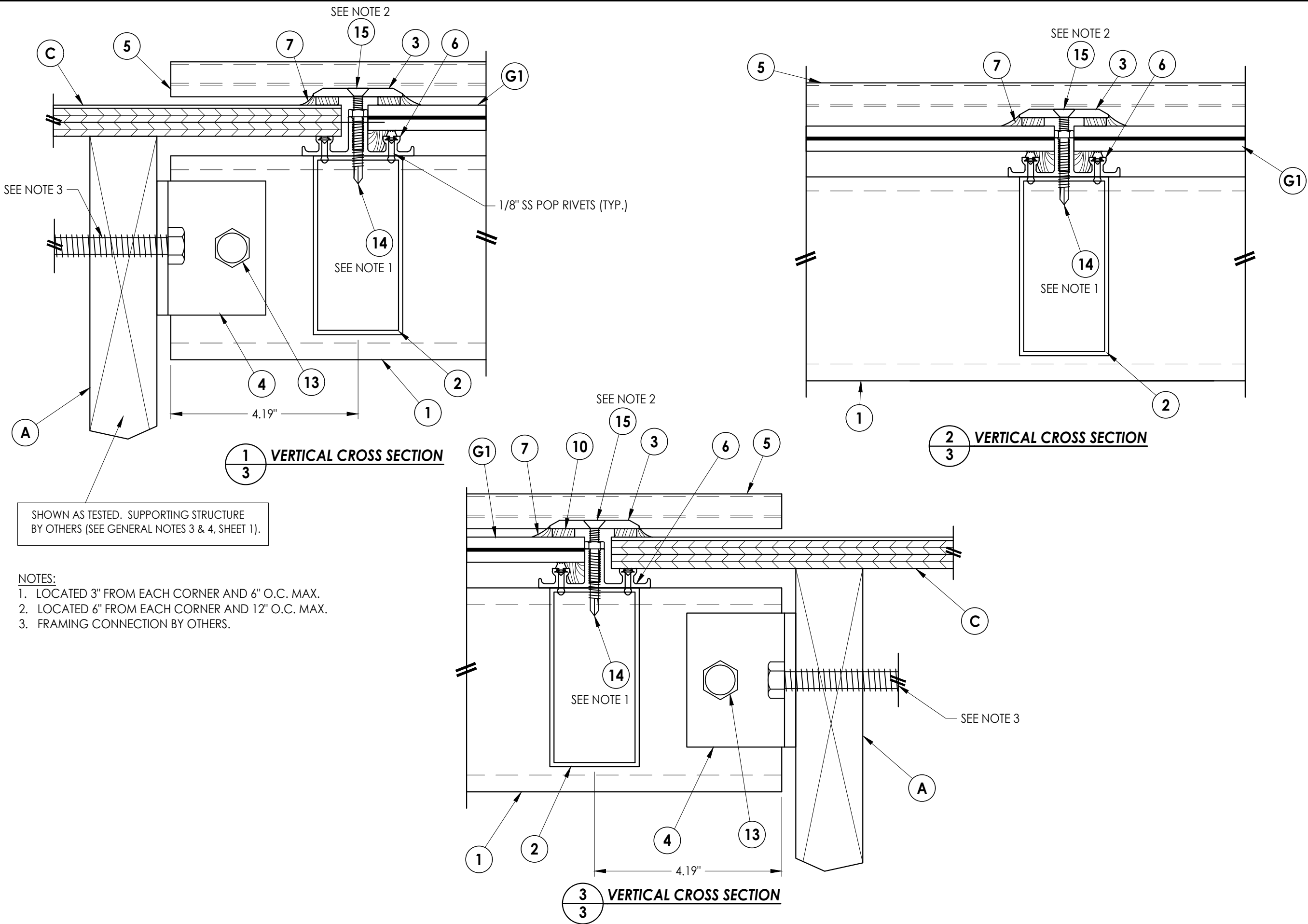
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BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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PRODUCT:
GAMMANS SKYLIGHT SYSTEMS
ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

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- NOTES:
1. LOCATED 3" FROM EACH CORNER AND 6" O.C. MAX.
 2. LOCATED 6" FROM EACH CORNER AND 12" O.C. MAX.
 3. FRAMING CONNECTION BY OTHERS.

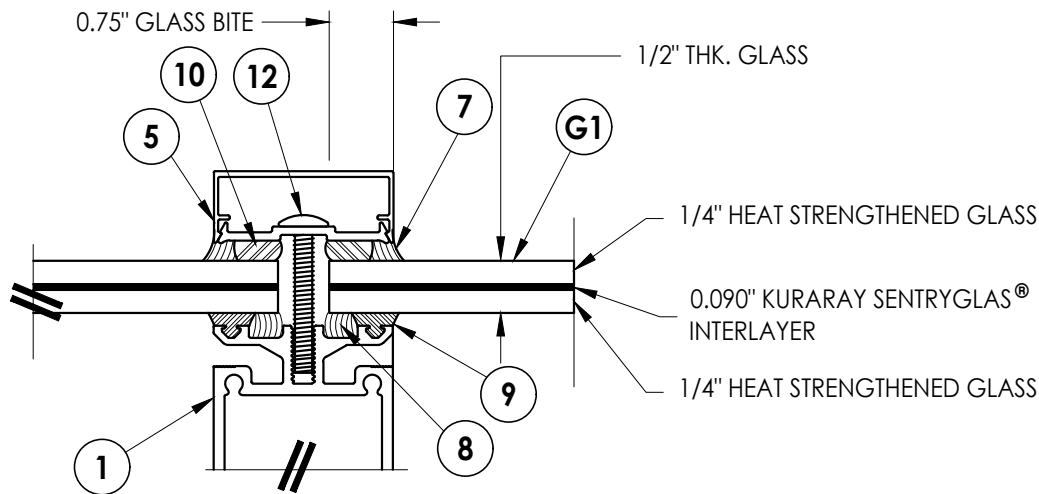
SHOWN AS TESTED. SUPPORTING STRUCTURE
BY OTHERS (SEE GENERAL NOTES 3 & 4, SHEET 1).

PRODUCT:		GAMMANS SKYLIGHT SYSTEMS ALUMINUM FIXED SKYLIGHT		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS		<i>R^gW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
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	
NO.	DATE			BY	
					REVISIONS
DATE: 1/24/12					
SCALE: N.T.S.					
DWG. BY: KV					
CHK. BY: LFS					
DRAWING NO.: FL-15146.4					
SHEET 3 OF 4					

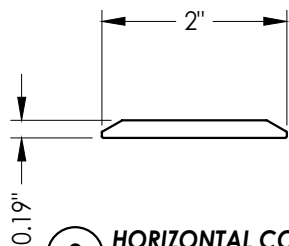
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	2X WOOD RAFTER *	WOOD
B	2" x 2" WOOD NAILER *	WOOD
C	ROOF SHEATHING (0.040" ALUMINUM FLASHING PLUS 1/2" PLYWOOD) *	ALUM./WOOD
1	SERIES 500/700 RAFTER	6063-T5 ALUM.
2	HORIZONTAL REINFORCEMENT TUBE	6063-T5 ALUM.
3	HORIZONTAL COVER	6063-T5 ALUM.
4	BRAC-1 SADDLE CLIP	6063-T5 ALUM.
5	COMPRESSION PLATE & COVER	6063-T5 ALUM.
6	HORIZONTAL MEMBER	6063-T5 ALUM.
7	SILICONE (DOW 795)	SILICONE
8	SILICONE (DOW 995)	SILICONE
9	SILICONE GASKET	SILICONE
10	1/4" x 1/2" FOAM TAPE (NORTON V990)	-
11	EPDM GASKET (#680)	EDPM
12	1/4-20 x 1-1/2" PH MACHINE SCREW S.S.	S.S.
13	1/2" x 2-1/2" HH BOLT (ASTM-A307) W/ WASHER & NUT	STEEL
14	1/4-20 x 1-1/2" SELF-DRILLING SHEET METAL SCREW	STEEL
15	1/4-20 x 1-1/2" FH MACHINE SCREW S.S.	S.S.

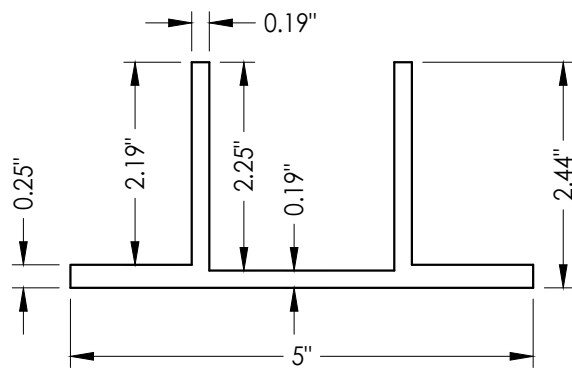
* NOTE: FRAMING SUPPORT AND CONNECTIONS TO BE SPECIFIED BY ENGINEER OR ARCHITECT OF RECORD.



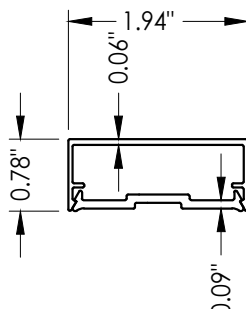
G1 GLAZING DETAIL



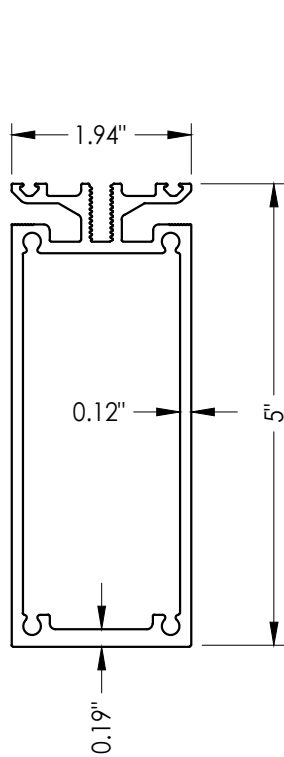
3 HORIZONTAL COVER



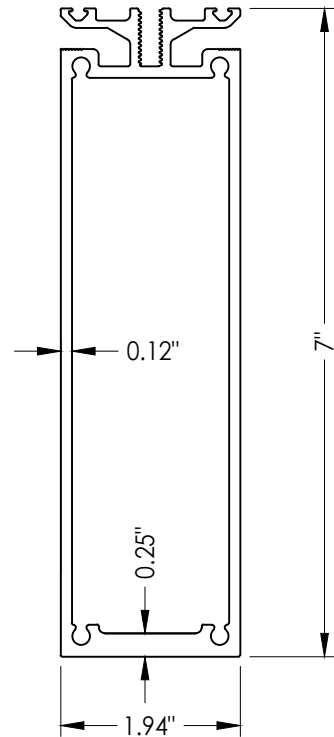
4 SADDLE CLIP



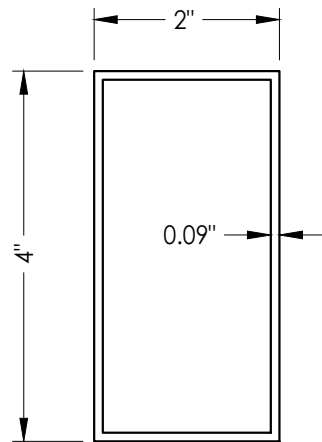
5 COMPRESSION PLATE & COVER



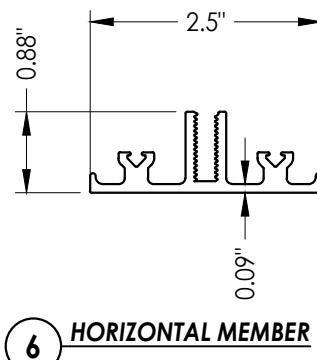
1 SERIES 500 RAFTER



1 SERIES 700 RAFTER
Optional



2 HORIZONTAL REINFORCEMENT TUBE



6 HORIZONTAL MEMBER



9 SILICONE GASKET

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P.E. No. 43409

PRODUCT:
GAMMANS SKYLIGHT SYSTEMS
ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:
BILL OF MATERIALS, GLAZING
DETAILS & COMPONENTS

DATE: 1/24/12

SCALE: N.T.S.

DWG. BY: KV

CHK. BY: LFS

DRAWING NO.:

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SHEET 4 OF 4

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