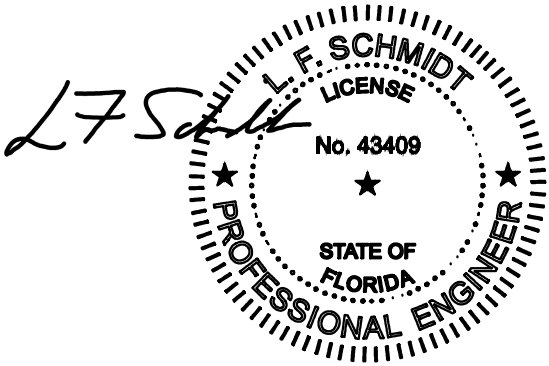


GAMMANS SKYLIGHT SYSTEMS

10 Beavers Street
Newnan, GA 30263

SERIES 350, 500 & 700
ALUMINUM FIXED SKYLIGHT SYSTEM

"SMALL MISSILE IMPACT"



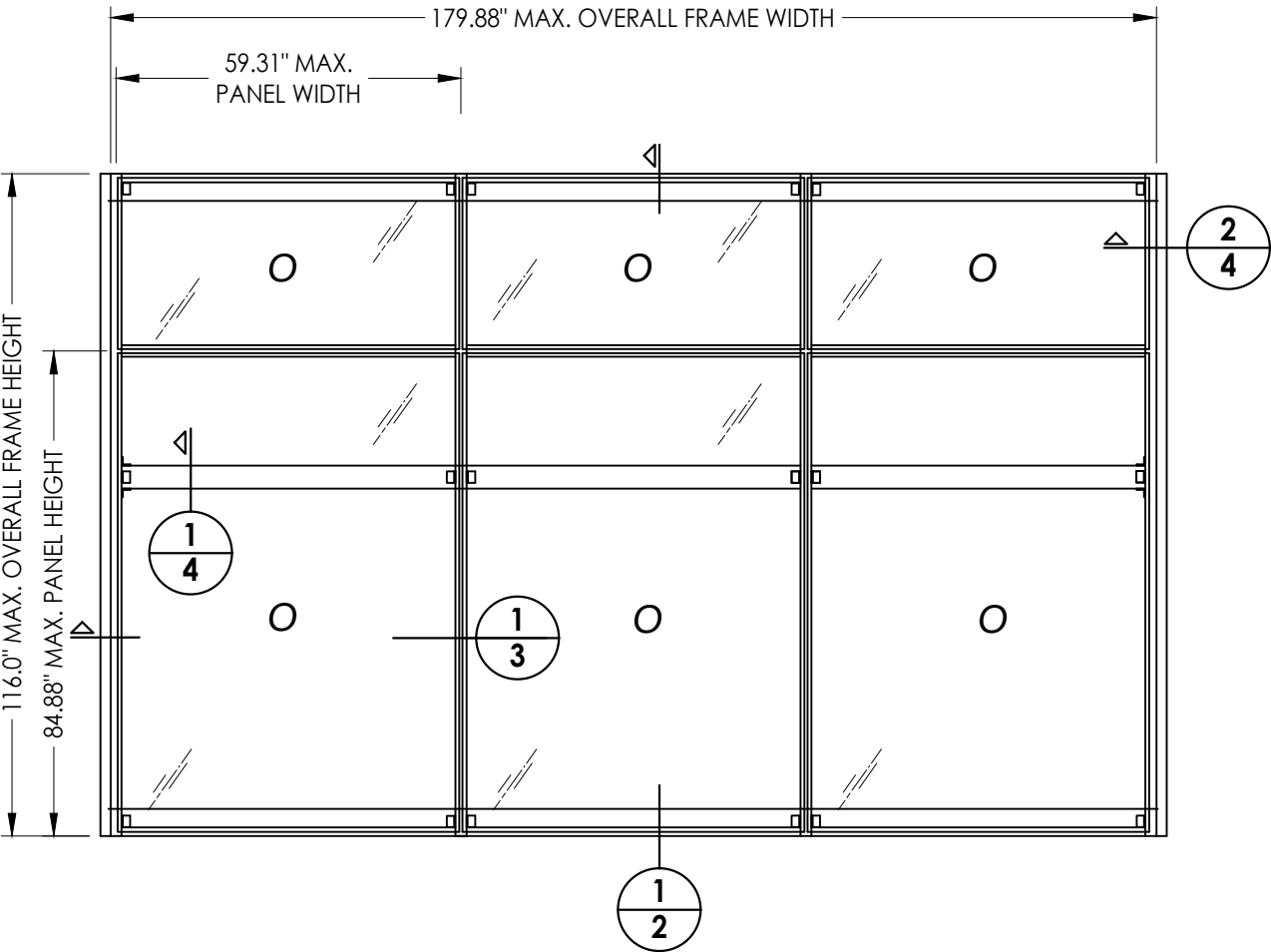
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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 pressure & general notes
2	Vertical cross section
3	Horizontal cross section
4	Horizontal and vertical cross sections & components
5	Bill of materials, glazing detail & components



MAX. O.A. FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
179.88" x 116.0"	59.31" x 84.88"	57.38" x 82.38"	G1	+75.4	-75.4

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

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-15146.3

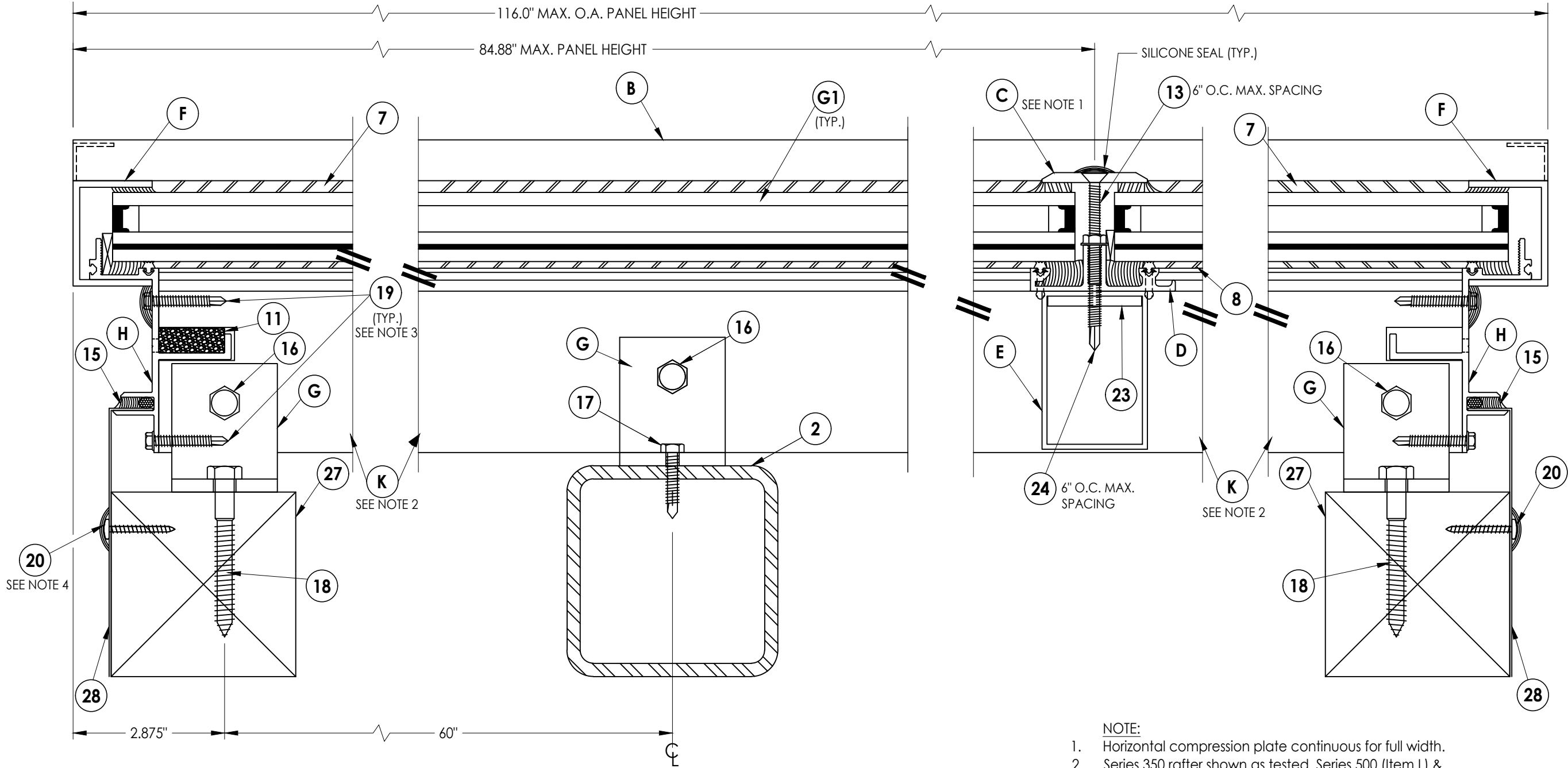
SHEET 1 OF 5

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RW

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

Z:\2023 FBC Drawings\Gammans Skylight Sys\FL-15146 R4\FL-15146.1-5.dwg



1 VERTICAL CROSS SECTION
2

NOTE:

- Horizontal compression plate continuous for full width.
- Series 350 rafter shown as tested. Series 500 (Item L) & Series 700 (Item M) may be substituted as required. End rafter support and connections to be specified by the Architect or Engineer of Record.
- Attach each rafter to frame with (4) four Item #19 at each end.
- Flashing secured with Item #20 located 3" from each end and 18" o.c. thereafter.

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:
VERTICAL CROSS SECTION

NO.	DATE	REVISIONS
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.

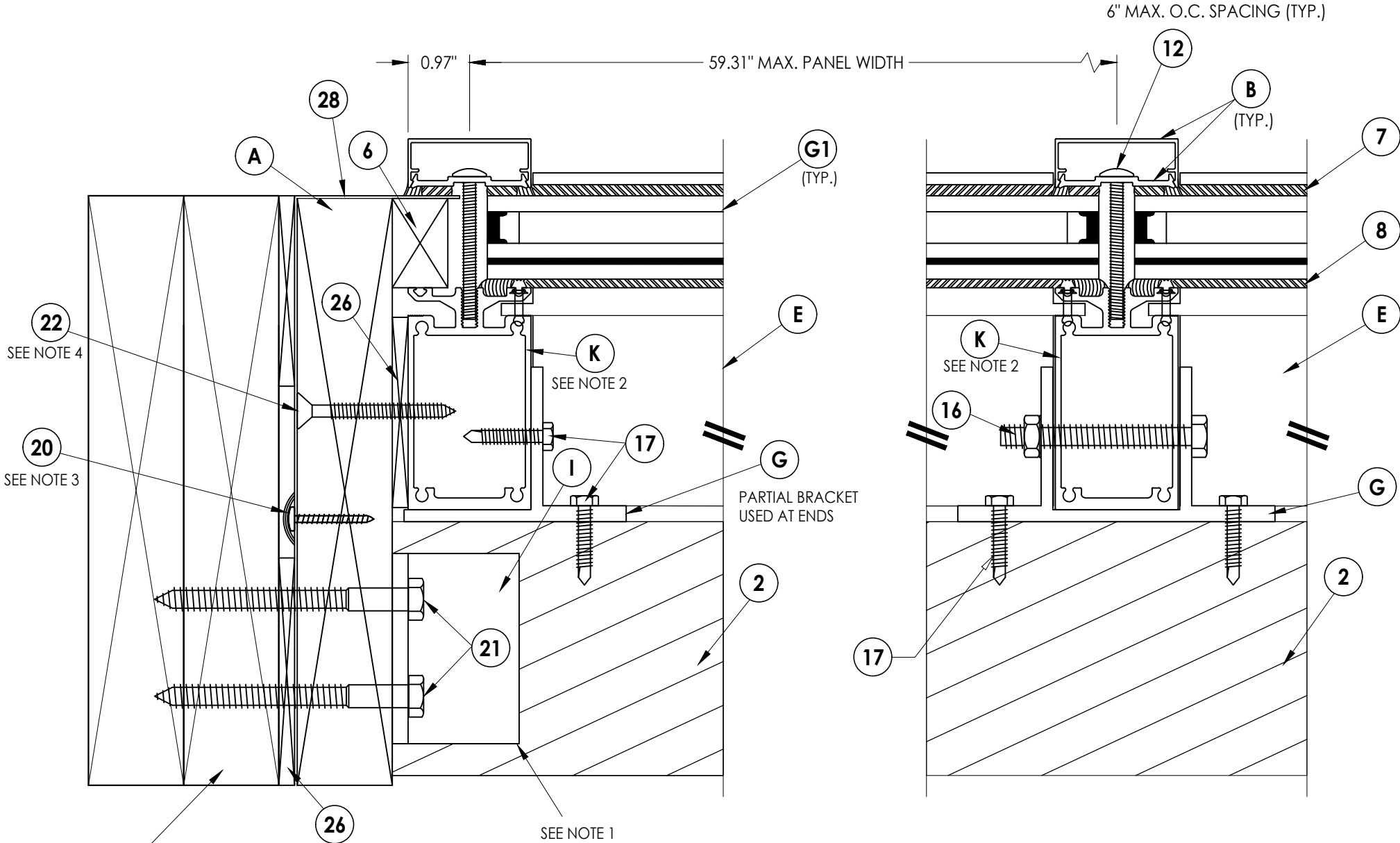
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FL-15146.3

SHEET 2 OF 5



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

1 **HORIZONTAL CROSS SECTION**
3

NOTES:

1. Steel angle clip welded (all around) to tube and connected to support structure as shown.
2. Series 350 rafter shown as tested. Series 500 (Item L) & Series 700 (Item M) may be substituted as required. End rafter support and connections to be specified by the Architect or Engineer of Record.
3. Flashing secured with Item #20 located 3" from each end and 12" o.c. thereafter.
4. Frame jambs attached to support structure with Item #22 located 18" from each end and (4) more equally spaced (total 6).

[illegible]

PRODUCT:

ALUMINUM FIXED SKYLIGHT

PART OR ASSEMBLY:

HORIZONTAL CROSS SECTION

Documents Prepared By:

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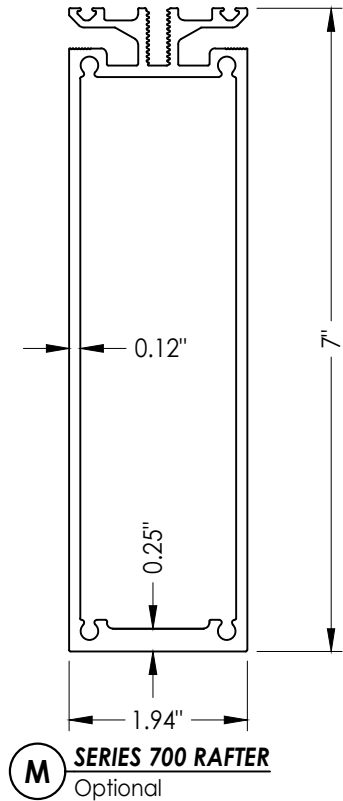
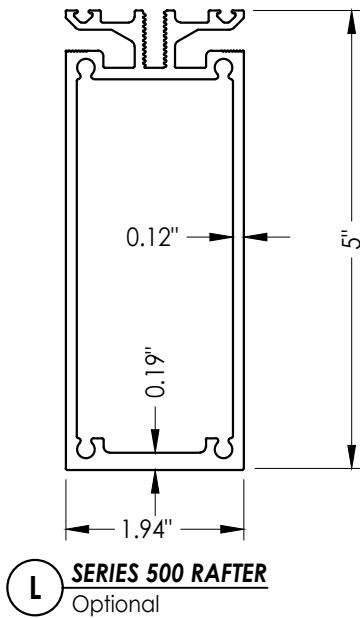
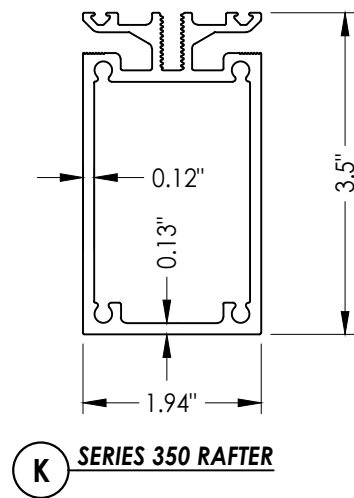
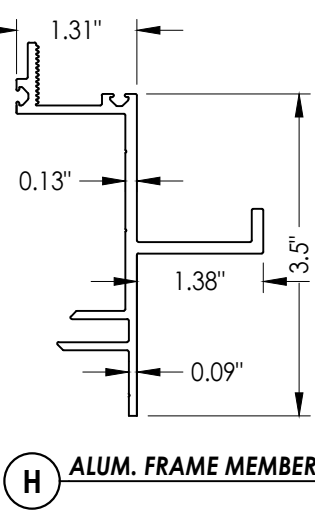
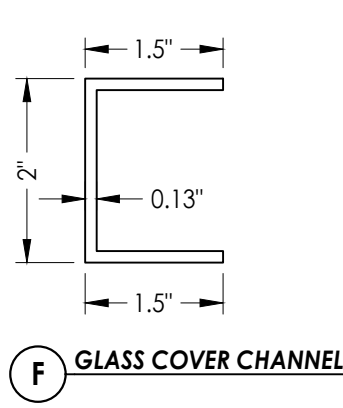
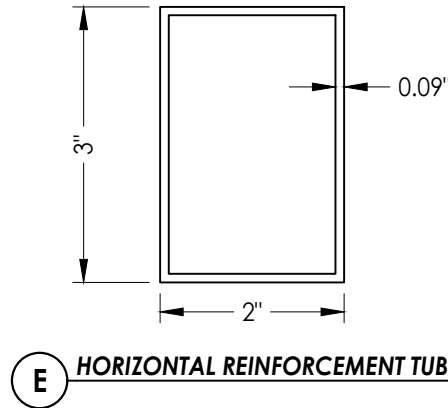
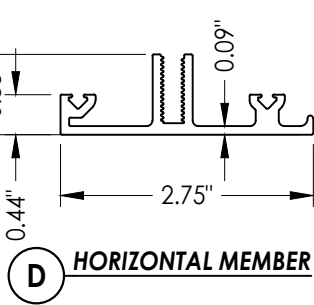
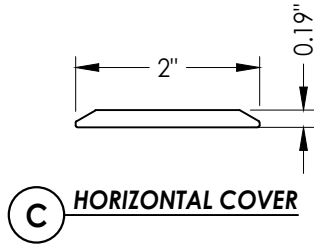
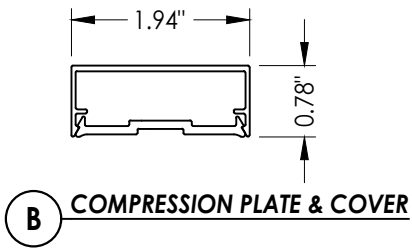
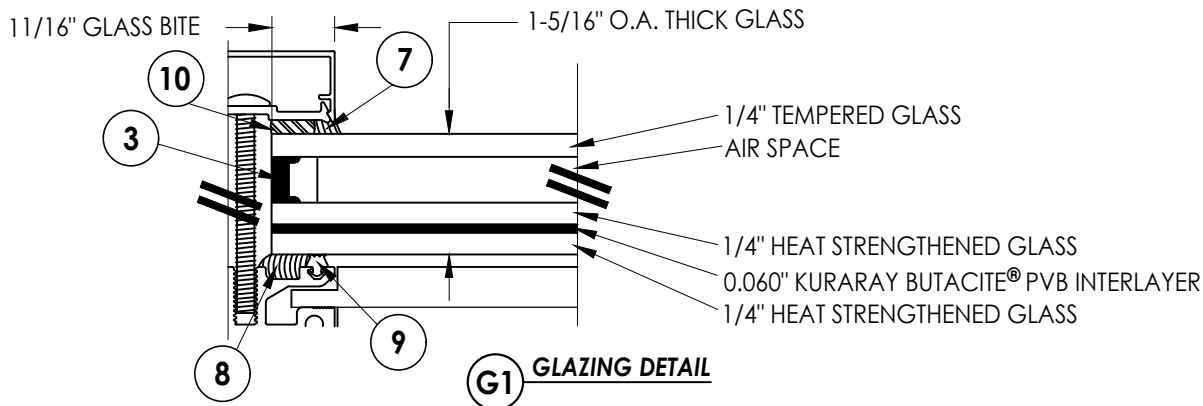
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BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL
A	2 X 10 No. 1 SYP (S.G. ≥ 0.55) SUPPORT FRAMING *	WOOD
B	COMPRESSION PLATE AND COVER	6063-T5 ALUM.
C	HORIZONTAL COVER	6063-T5 ALUM.
D	HORIZONTAL MEMBER	6063-T5 ALUM.
E	HORIZONTAL REINFORCEMENT TUBE	6063-T5 ALUM.
F	GLASS COVER CHANNEL	6063-T5 ALUM.
G	BRAC - 1 SADDLE CLIP	6063-T5 ALUM.
H	ALUMINUM FRAME MEMBER	6063-T5 ALUM.
I	STEEL ANGLE CLIP	STEEL
J	ALUMINUM ANGLE CLIP	6063-T5 ALUM.
K	SERIES 350 RAFTER	6063-T5 ALUM.
L	SERIES 500 RAFTER	6063-T5 ALUM.
M	SERIES 700 RAFTER	6063-T5 ALUM.
2	4" x 4" X .25" HORIZONTAL SUPPORT TUBE *	6063-T5 ALUM.
3	GLAZING SPACER	ALUM.
6	1X NAILER	WOOD
7	SILICONE (DOW 795)	SILICONE
8	SILICONE (DOW 995)	SILICONE
9	SILICONE GASKET (GAMMANS 35S)	SILICONE
10	1/4" x 1/2" FOAM TAPE (NORTON V990)	-
11	1/4" WEEP HOLE @ EACH RAFTER w/ WEEP BAFFLE (SILL ONLY)	-
12	1/4"-20 x 2" P.H. S.S. MACHINE SCREW	STEEL
13	1/4"-20 x 2" F.H. S.S. MACHINE SCREW	STEEL
14	SETTING BLOCK	-
15	BACKER ROD & SEALANT	-
16	3/8" x 3" HEX HEAD THREADED BOLT w/ 3/8" LOCK AND FLAT WASHERS w/ NUT	STEEL
17	3/8" x 1.25" HWH SMS	STEEL
18	3/8" x 3" HEX HEAD LAG SCREW	STEEL
19	#12 x 1.5" HEX HEAD SELF-DRILLING SMS	STEEL
20	#6 x 1.5" PFH WS	STEEL
21	3/8" x 4" HEX HEAD LAG SCREW	STEEL
22	#12 X 2.5" PPH SMS w/ FLAT WASHER	STEEL
23	3/16" x 1-11/16" ALUMINUM BACKER PLATE	ALUM.
24	#14 X 2" HEX HEAD SELF-DRILLING SMS	STEEL
26	1/4" SHIM	-
27	4 x 4 No. 2 SYP (S.G. ≥ 0.55) SUPPORT BEAM *	WOOD
28	0.040" ALUMINUM FLASHING	ALUM.

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



Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
ALUMINUM FIXED SKYLIGHT

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

NO.	DATE	REVISIONS
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-15146.3

SHEET 5 OF 5