

GAMMANS SKYLIGHT SYSTEMS

10 Beavers Street
Newnan, GA 30263

SERIES 350, 500 & 700
ALUMINUM FIXED SKYLIGHT SYSTEM

"LARGE MISSILE IMPACT"

GENERAL NOTES

1.

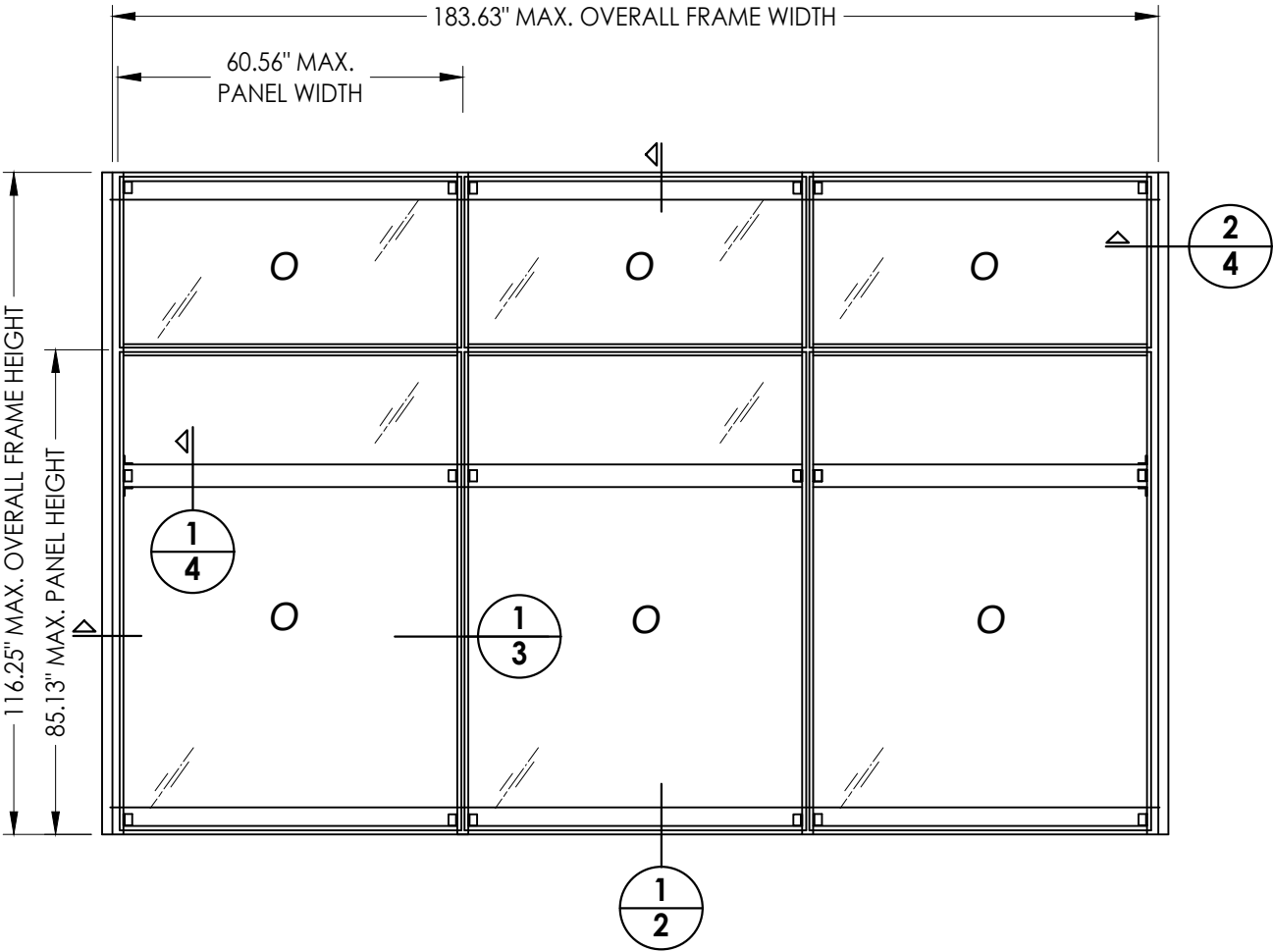
This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2.

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.

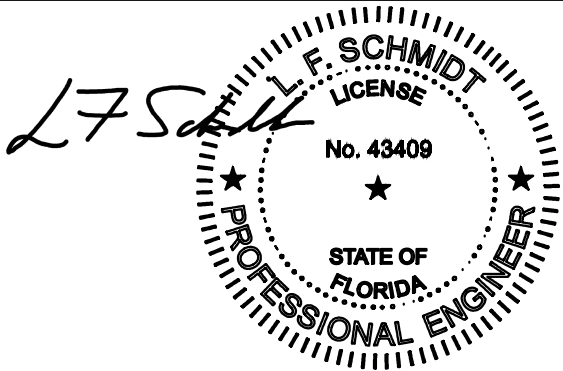
The system detailed herein is generic and does not provide information for a specific site. A licensed engineer or registered architect shall prepare site specific documents (including framing support and connections) to be used in conjunction with this document.
4.

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	Vertical cross section
3	Horizontal cross section
4	Horizontal and vertical cross sections & components
5	Bill of materials, glazing details & components



MAX. O.A. FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
183.63" x 116.25"	60.56" x 85.13"	58.62" x 82.62"	G1, G2	+75.4	-75.4



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

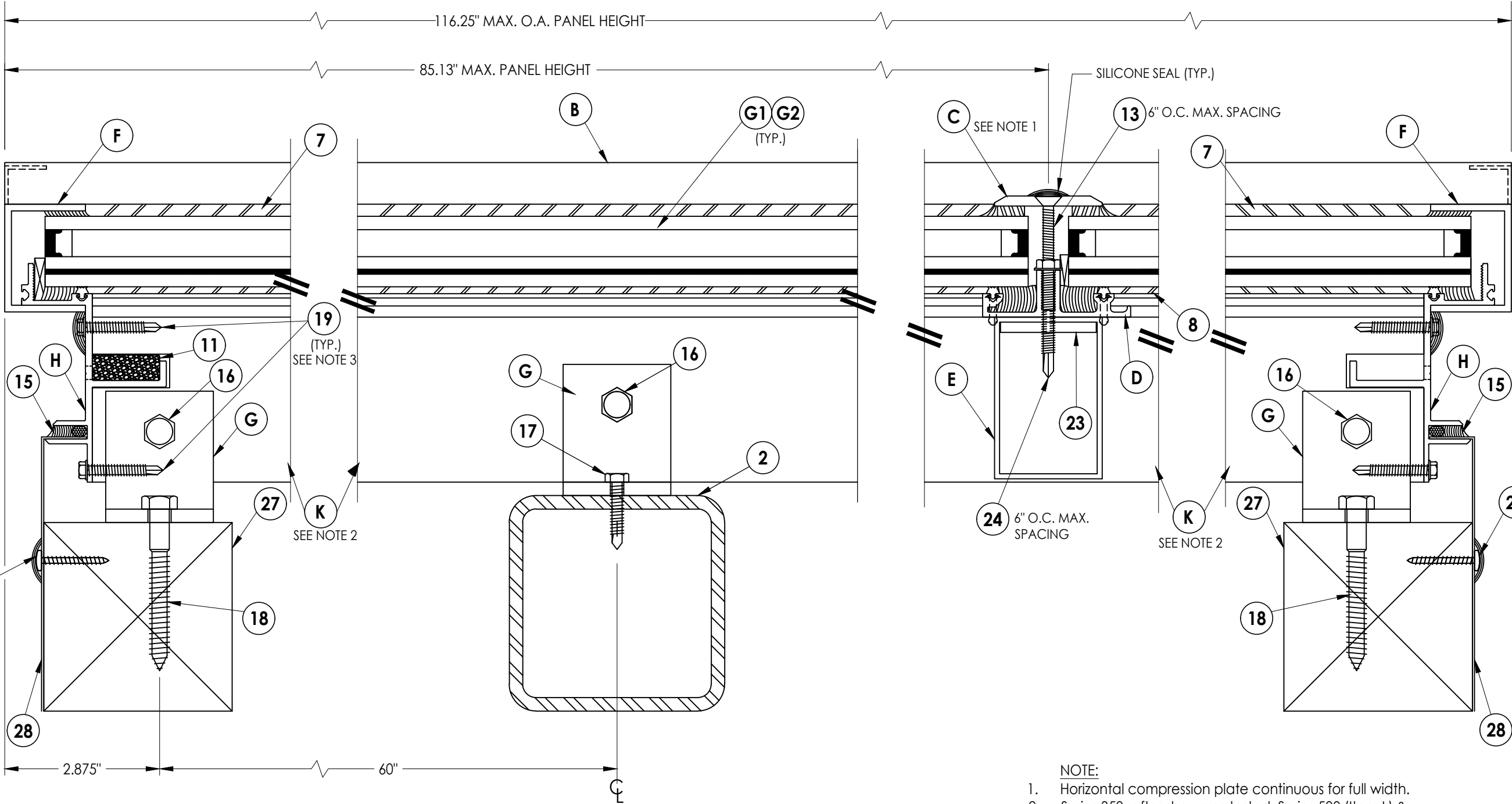
PRODUCT:		ALUMINUM FIXED SKYLIGHT		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURE AND GENERAL NOTES	

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

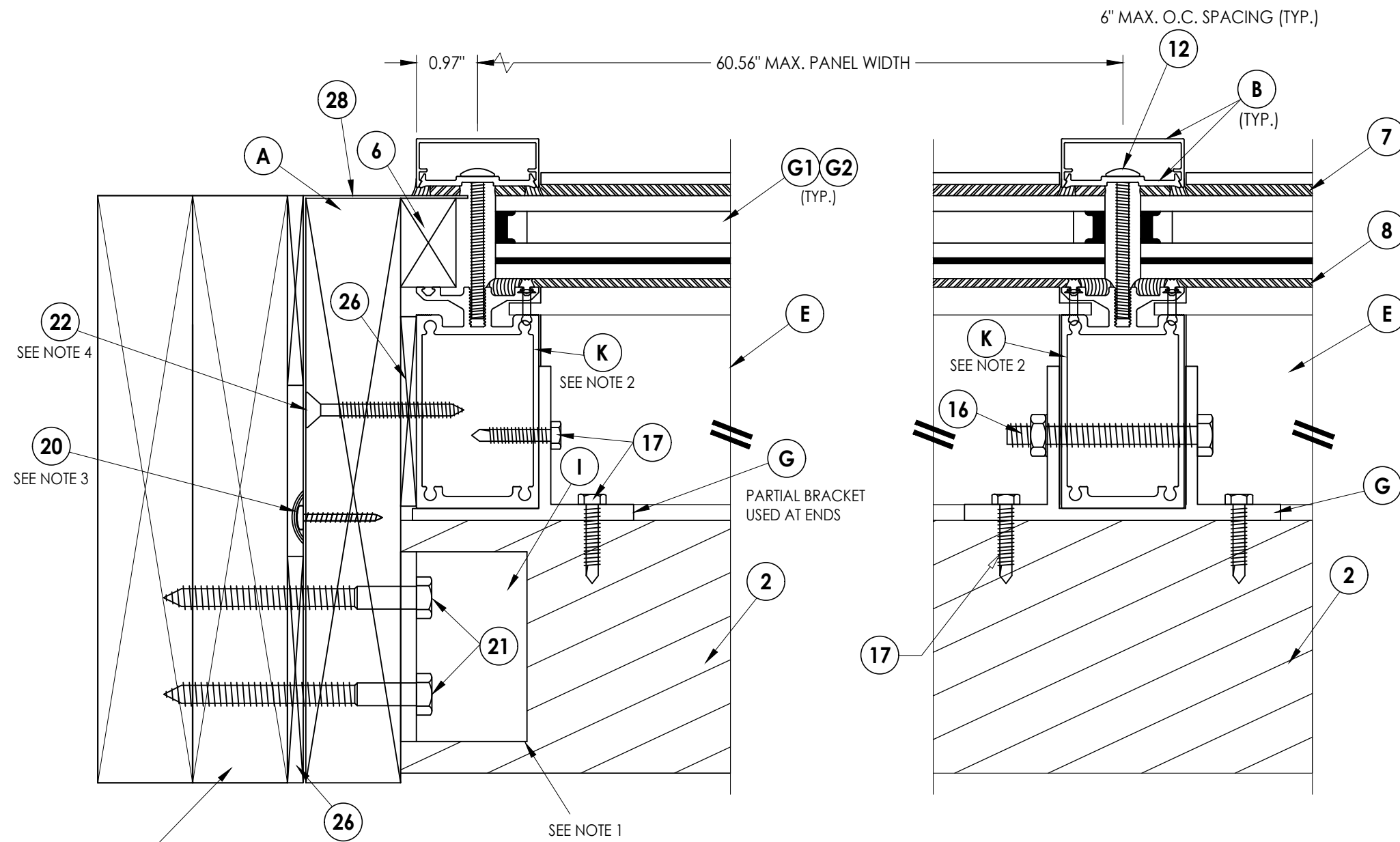
RW

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



- NOTE:
1. Horizontal compression plate continuous for full width.
 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. Attach each rafter to frame with (4) four Item #19 at each end.
 4. Flashing secured with Item #20 located 3" from each end and 18" o.c. thereafter.

[illegible]



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

1 **HORIZONTAL CROSS SECTION**
3

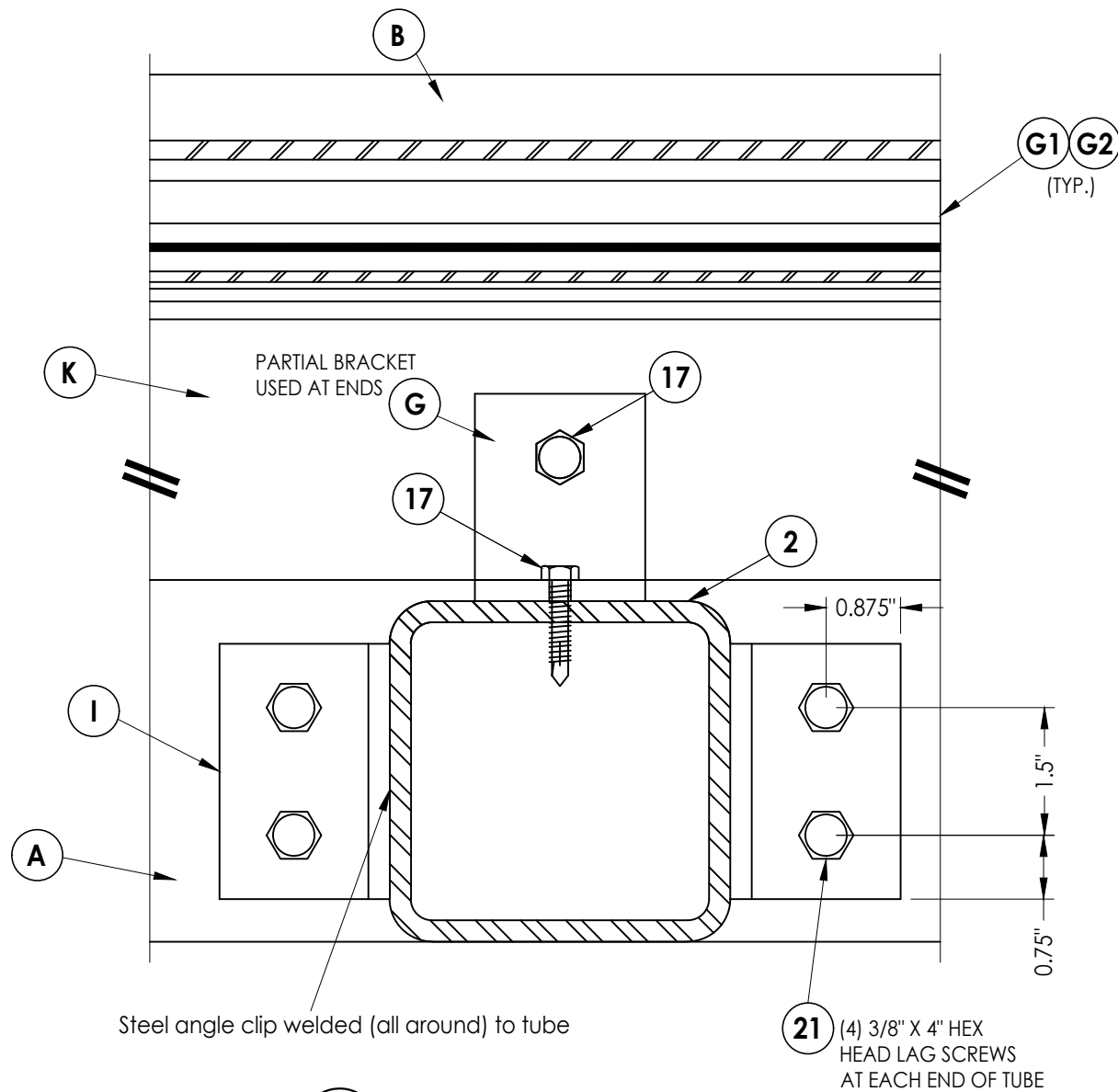
- NOTES:**
1. Steel angle clip welded (all around) to tube and connected to support structure as shown.
 2. Series 350 rafter shown as tested. Series 500 (Item L) & Series 700 (Item M) may be substituted as required. End rafter support and connections to be specified by the Architect or Engineer of Record.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

[illegible]

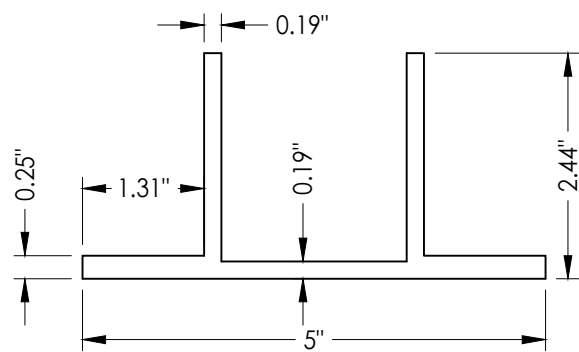
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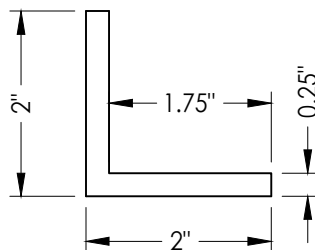
Z:\2023 FBC Drawings\Gamman's Skylight Systems\FL-15146 R4\FL-15146.1-5.dwg



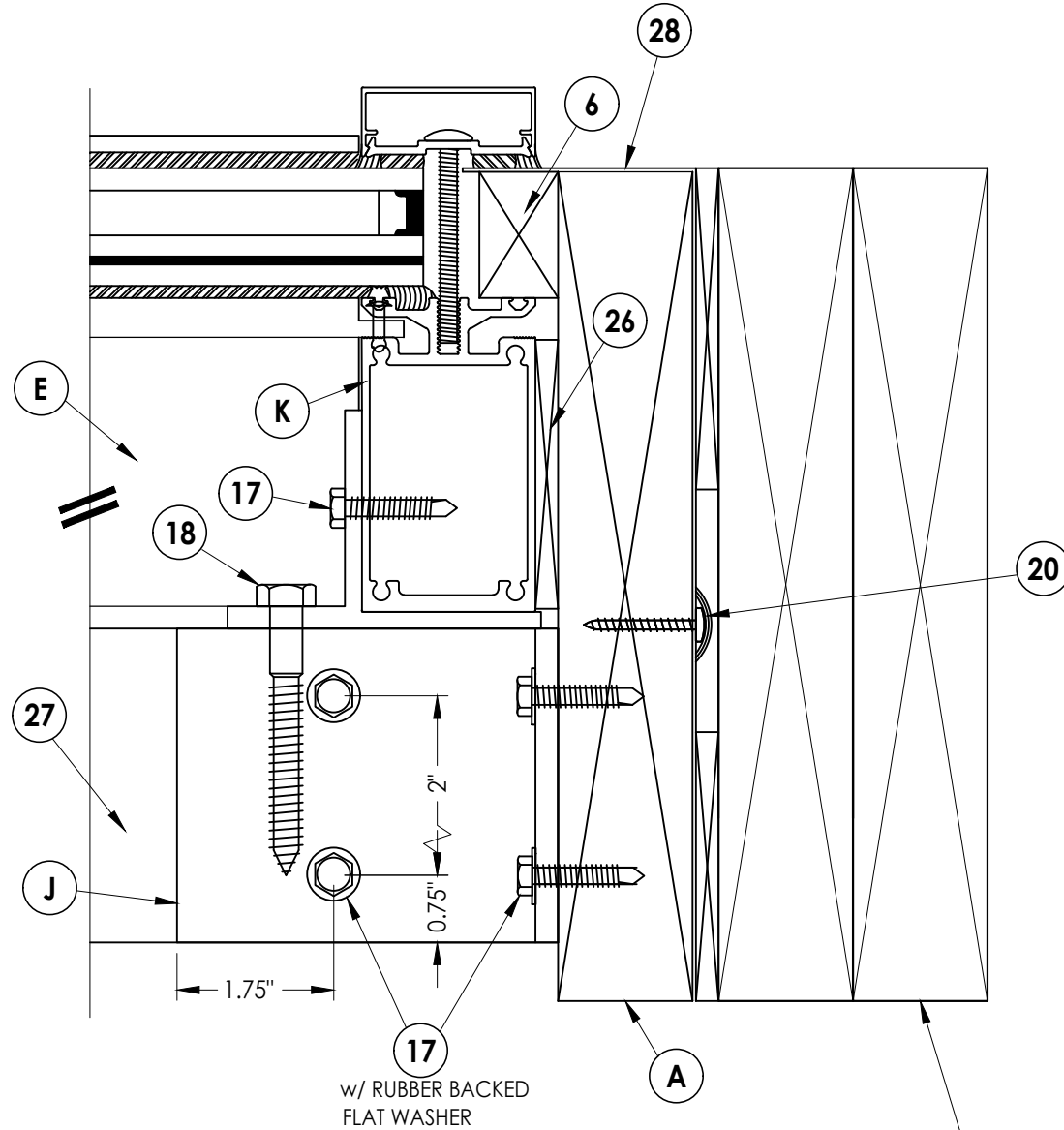
1
4 **VERTICAL CROSS SECTION**
4" x 4" Support Tube Connection Detail



G **BRAC-1 SADDLE CLIP**
2" wide

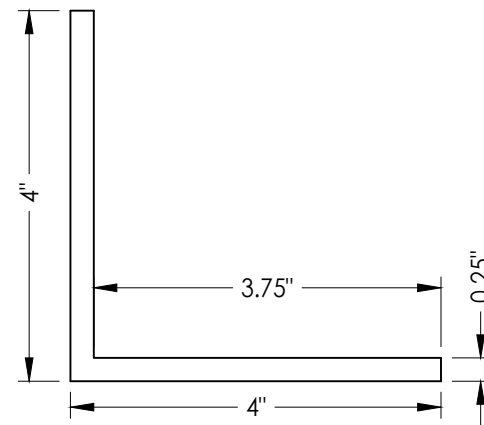


I **STEEL ANGLE CLIP**
3" wide



2
4 **HORIZONTAL CROSS SECTION**
4x4 Support Rafter Connection Detail

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



J **ALUMINUM ANGLE CLIP**
3.5" wide

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PRODUCT:
ALUMINUM FIXED SKYLIGHT
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS & 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-15146.5
SHEET 4 OF 5

