



CLADDING SYSTEMS, INC.

3218 East 4th Ave
Tampa, FL 33605

CSI 1000 WALL PANELS

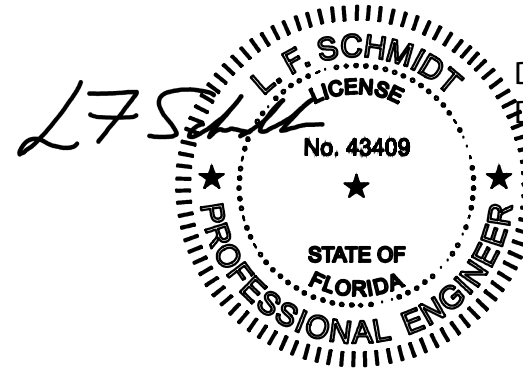
LARGE AND SMALL MISSILE "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. The wall panels are shown attached to 16 ga. metal studs at a maximum stud spacing of 16" o.c. The metal studs are part of the support structure and shall be designed by the architect or engineer of record and submitted to the permitting jurisdiction for review and approval. The wall panels may also be attached directly to other substrate materials as specified by the architect or engineer of record.
6. The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing required.
7. The wall panel shall not be used to resist any axial forces other than self-weight. Supplemental vertical support for floor and roof systems is required.
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

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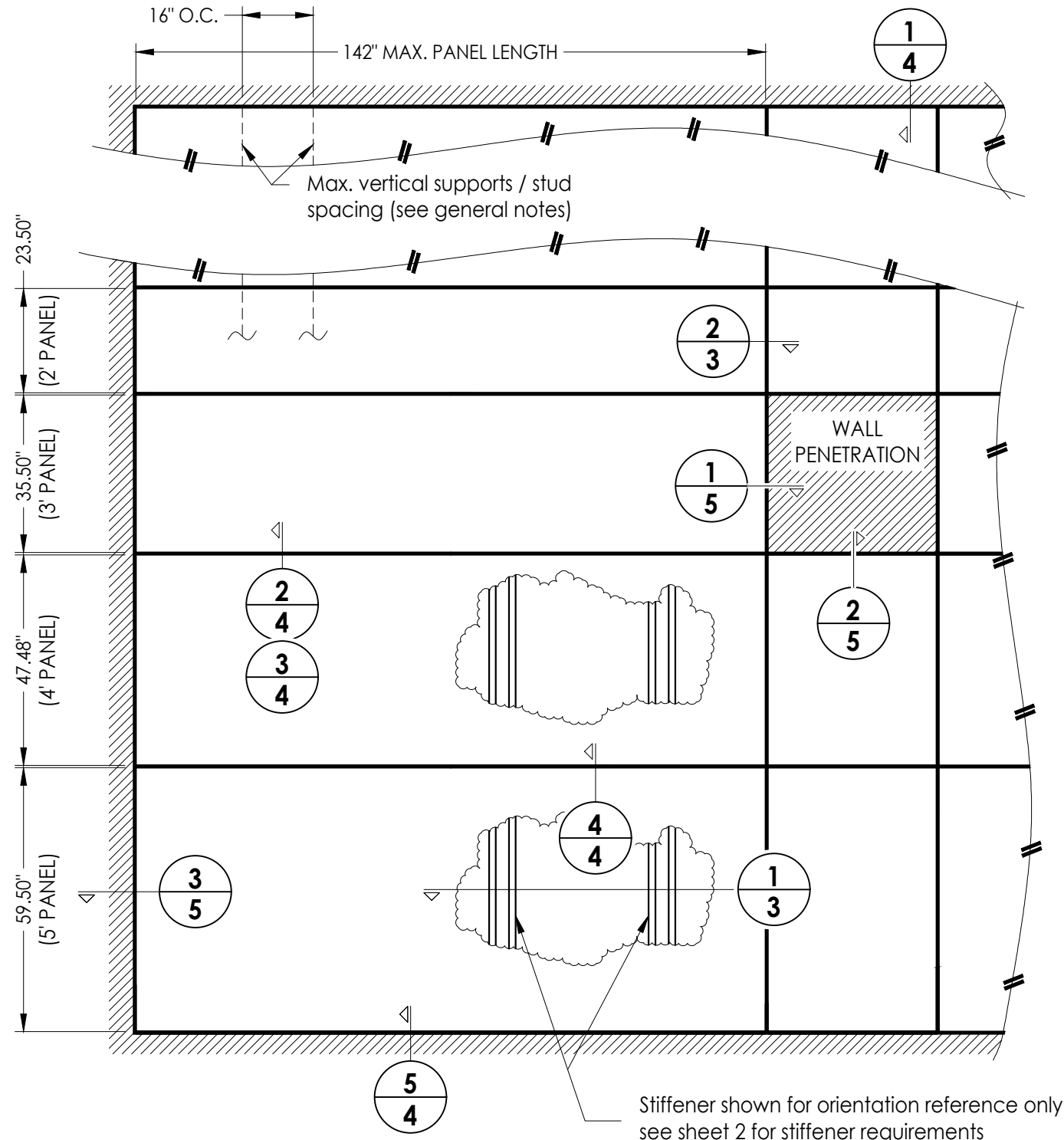
SHEET #	DESCRIPTION
1	Typical elevations & general notes
2	Design pressures
3	Horizontal cross sections
4	Vertical cross sections
5	Vertical and horizontal cross sections
6	Panel detail
7	Bill of materials & components



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 10:12:27 -04'00'

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

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

PRODUCT:
CLADDING SYSTEMS, INC.
PANEL SYSTEM

PART OR ASSEMBLY:
TYPICAL ELEVATION
& GENERAL NOTES

NO.	DATE	REVISIONS
7	7/06/23	UPDATE TO 8TH ED. (2023) FBC
6	2/28/22	REVISE STIFFENER ALLOY
5	10/01/20	UPDATE TO 7TH ED. (2020) FBC
4	7/11/17	UPDATE TO 6TH ED. (2017) FBC
3	1/27/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 11/10/08

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.: FL-12020.1

SHEET 1 OF 7

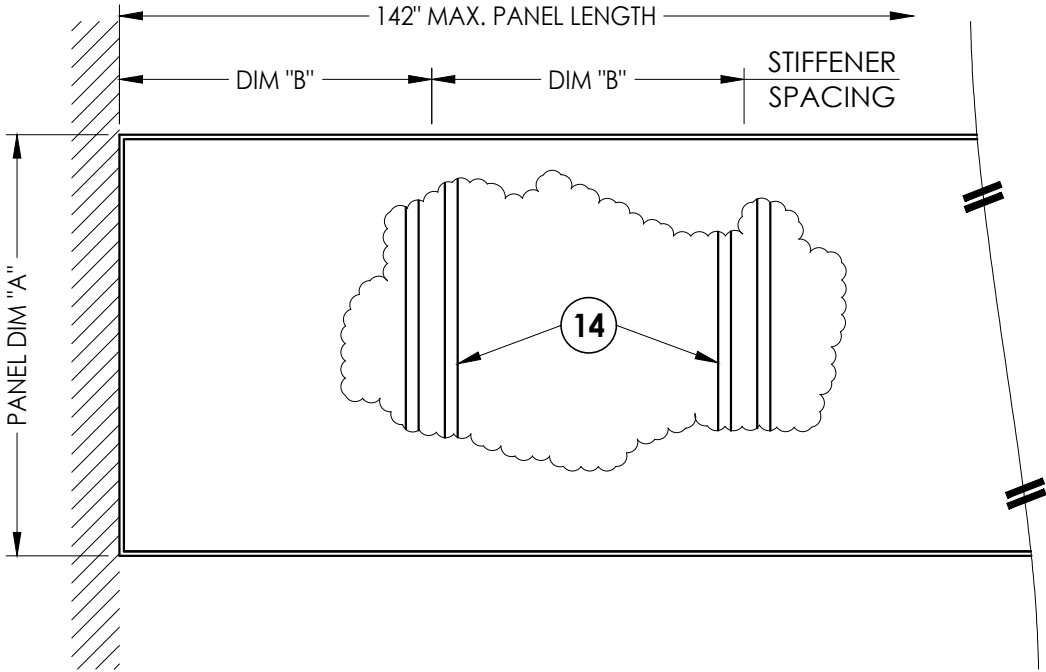
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2' PANEL (DIM. "A" = 23.5")	
STIFFENER SPACING	DESIGN PRESSURES
12"	± 120 PSF
24"	± 60 PSF

3' PANEL (DIM. "A" = 33.5")	
STIFFENER SPACING	DESIGN PRESSURES
12"	± 90 PSF
24"	± 55 PSF

4' PANEL (DIM. "A" = 47.5")	
STIFFENER SPACING	DESIGN PRESSURES
12"	± 75 PSF
24"	± 50 PSF

5' PANEL (DIM. "A" = 59.5")	
STIFFENER SPACING	DESIGN PRESSURES
12"	± 60 PSF



DATE: 11/10/08
SCALE: N.T.S.
DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-12020.1
SHEET 2 OF 7

NO.	DATE	REVISIONS	
		BY	JK
7	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
6	2/28/22	REVISE STIFFENER ALLOY	LFS
5	10/01/20	UPDATE TO 7TH ED. (2020)	FBC
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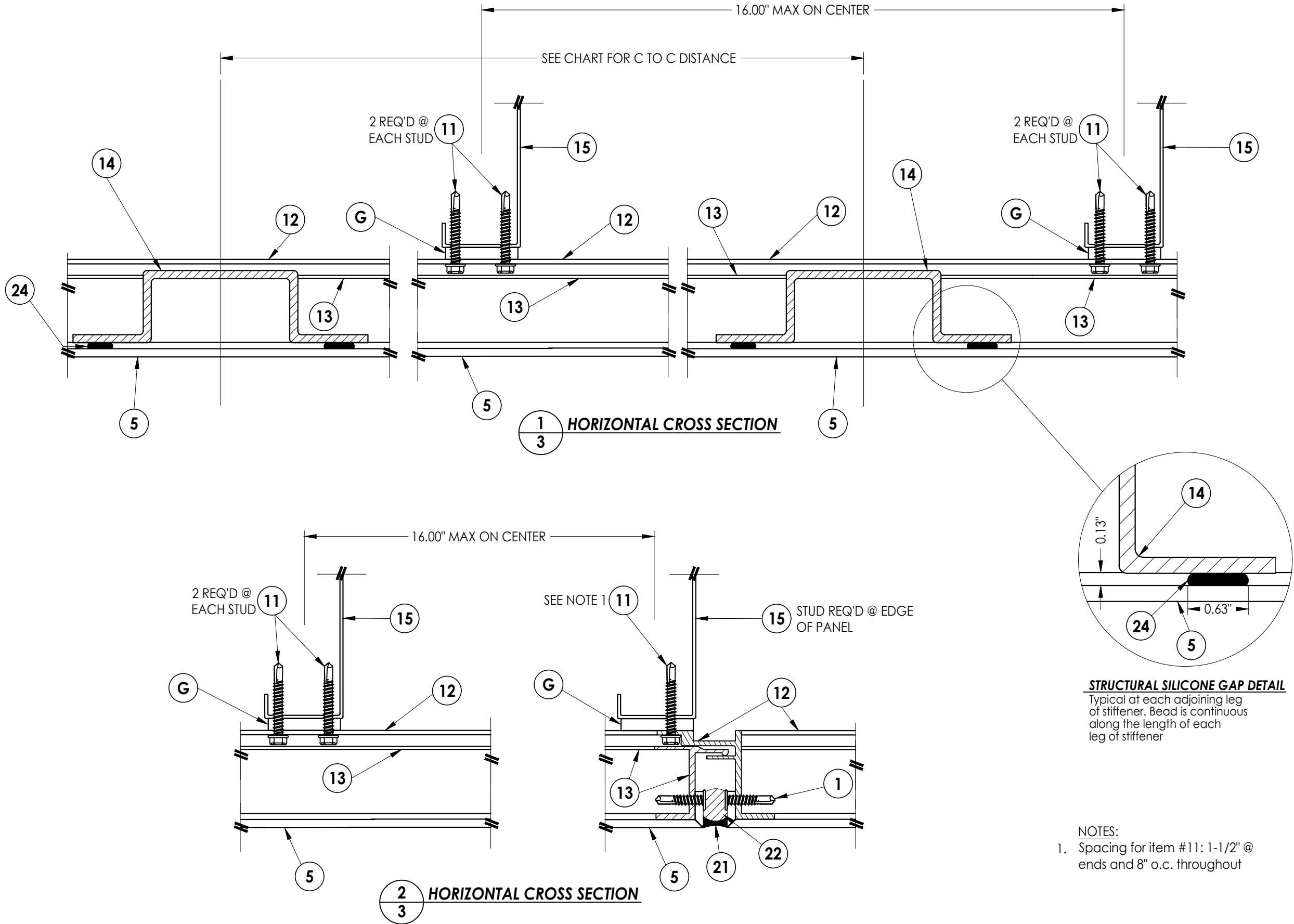
PRODUCT:	CLADDING SYSTEMS, INC. PANEL SYSTEM
	PART OR ASSEMBLY: DESIGN PRESSURES

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PRODUCT:
CLADDING SYSTEMS, INC.
PANEL SYSTEM

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
7	7/06/23	UPDATE TO 8TH ED. (2023) FBC
6	2/28/22	REVISE STIFFENER ALLOY
5	10/01/20	UPDATE TO 7TH ED. (2020) FBC
4	7/11/17	UPDATE TO 6TH ED. (2017) FBC
3	1/27/15	UPDATE TO 5TH ED. (2014) FBC
2		
1		

DATE: 11/10/08

SCALE: N.T.S.

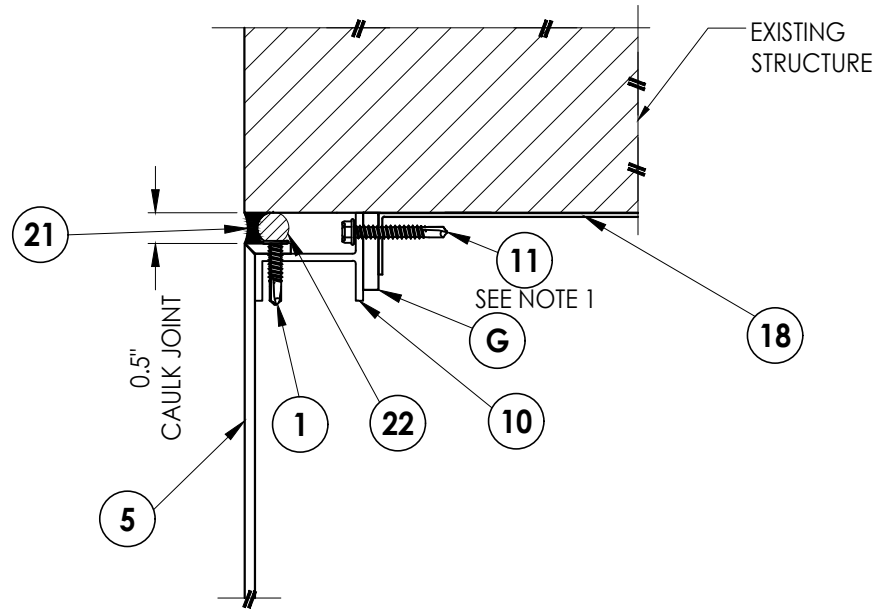
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CHK. BY: LFS

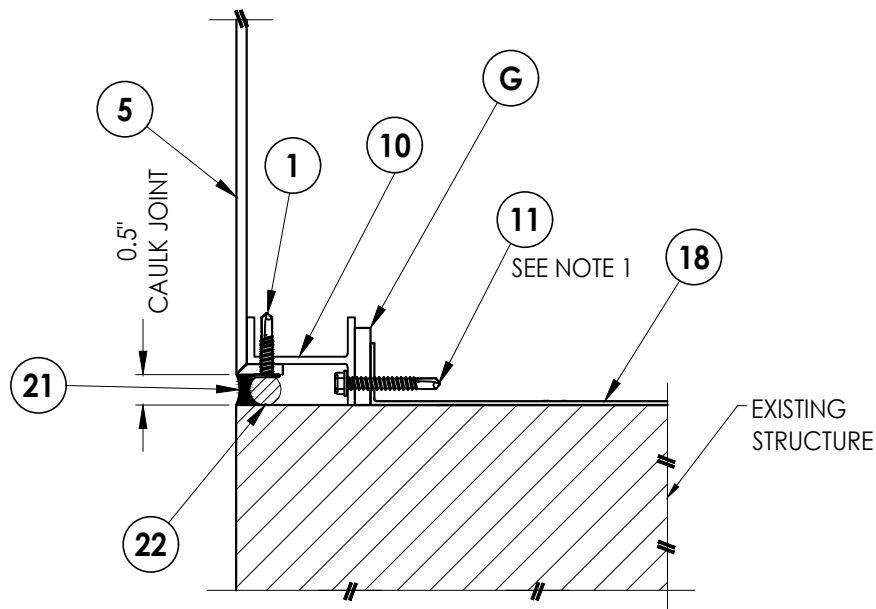
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SHEET 3 OF 7

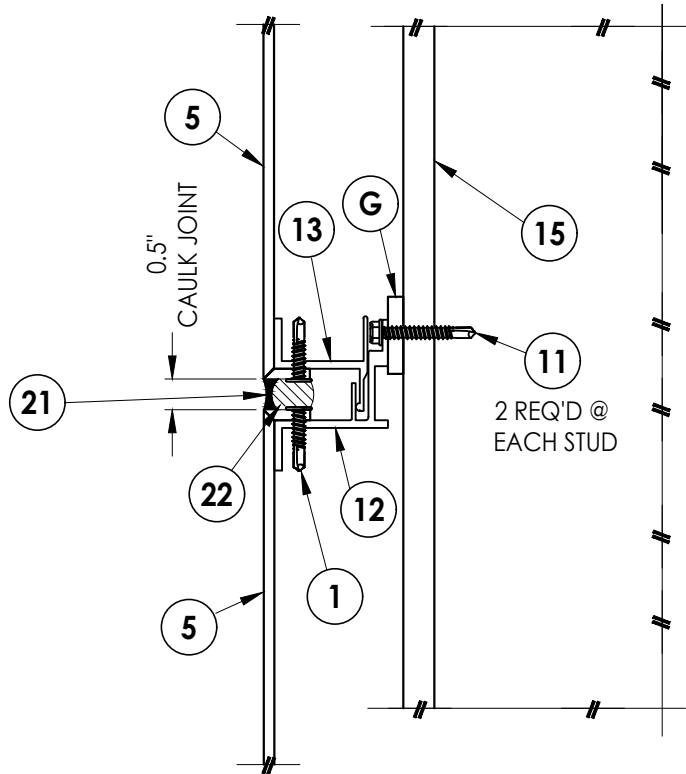
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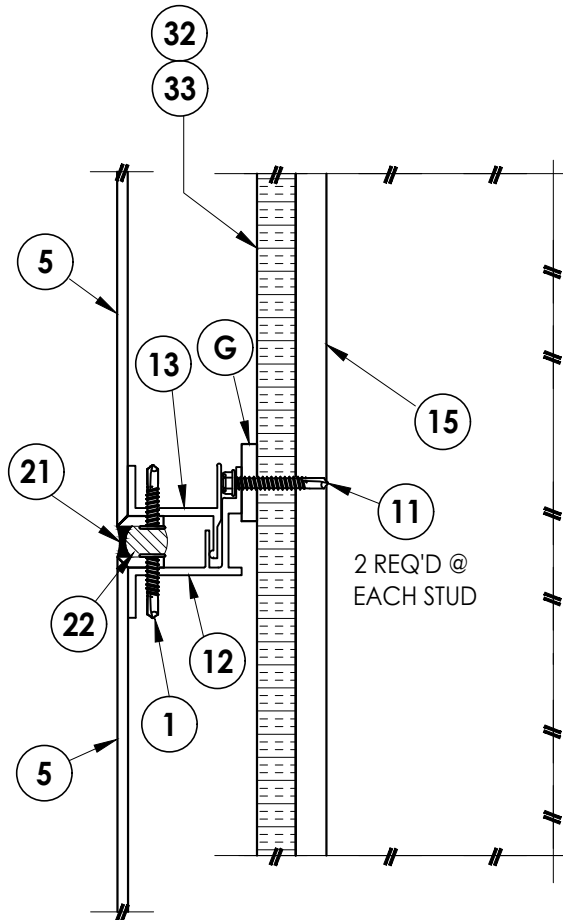
1
4 VERTICAL CROSS SECTION



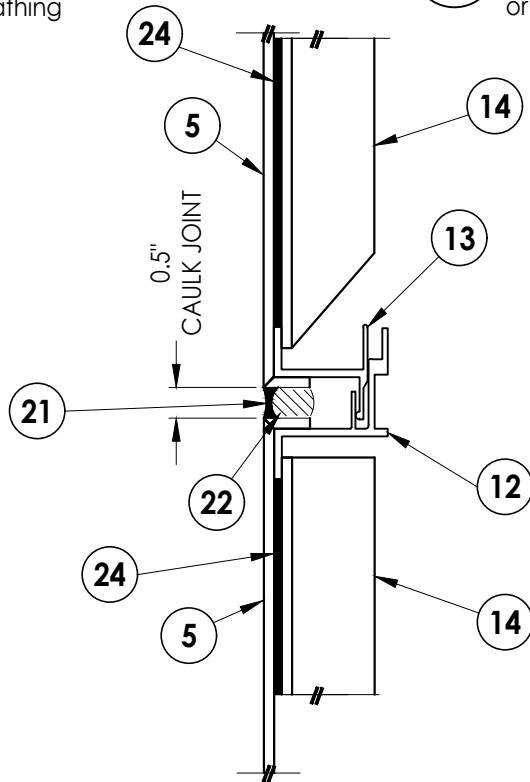
5
4 VERTICAL CROSS SECTION



2
4 VERTICAL CROSS SECTION
Shown mounted direct to
structure without sheathing



3
4 VERTICAL CROSS SECTION
Shown w/ Dens glass sheathing
or plywood sheathing



4
4 VERTICAL CROSS SECTION
@ Stiffener

NOTES:
1. Spacing for item #11: 1-1/2" @
ends and 8" o.c. throughout

PRODUCT:
CLADDING SYSTEMS, INC.
PANEL SYSTEM
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

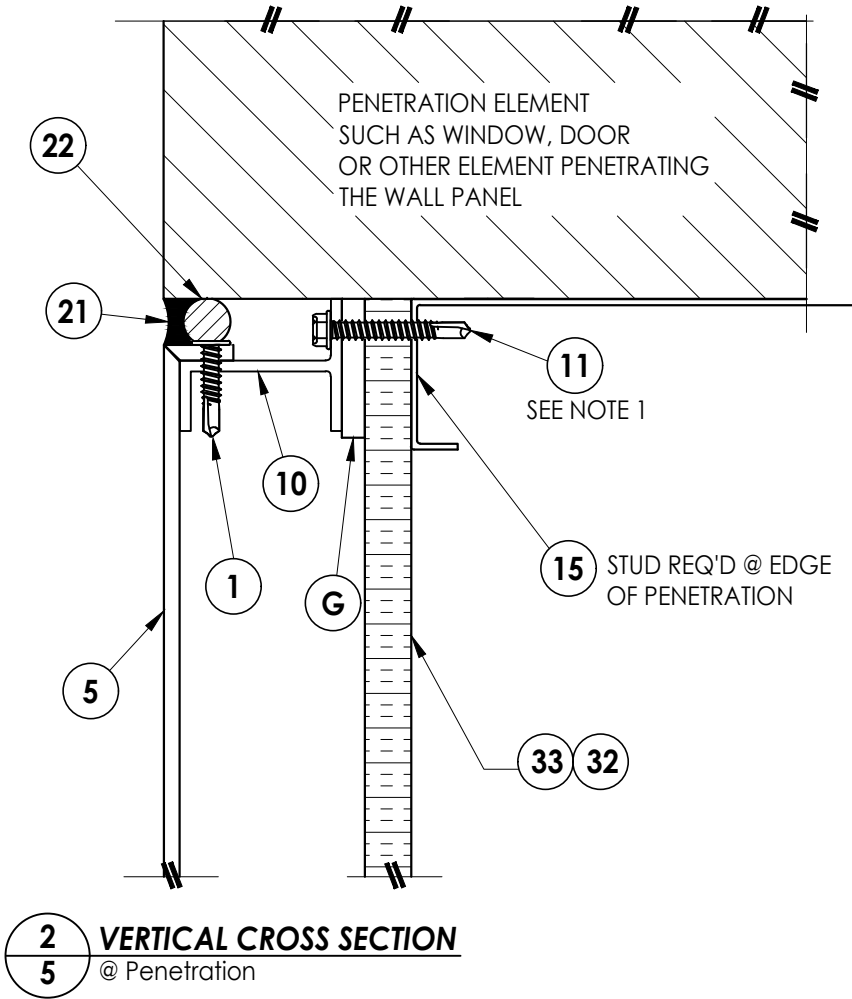
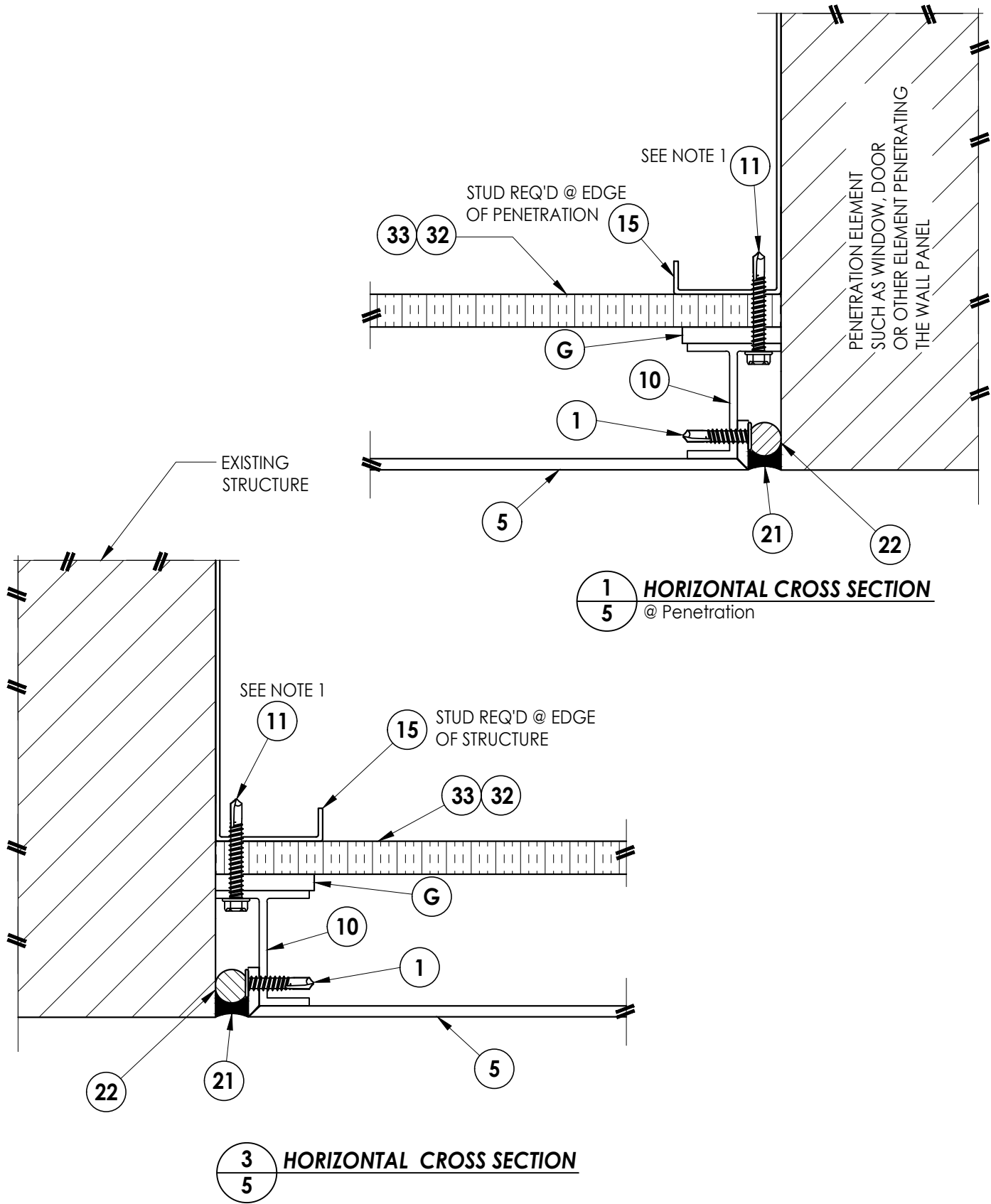
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NO.	DATE	BY

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DWG. BY: AL
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SHEET 4 OF 7

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- NOTES:
1. Spacing for item #11: 1-1/2" @ ends and 8" o.c. throughout

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		DATE	BY	JK	LFS
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5	10/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
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NO.		DATE	BY	JK	LFS

DATE: 11/10/08

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.: FL-12020.1

SHEET 5 OF 7

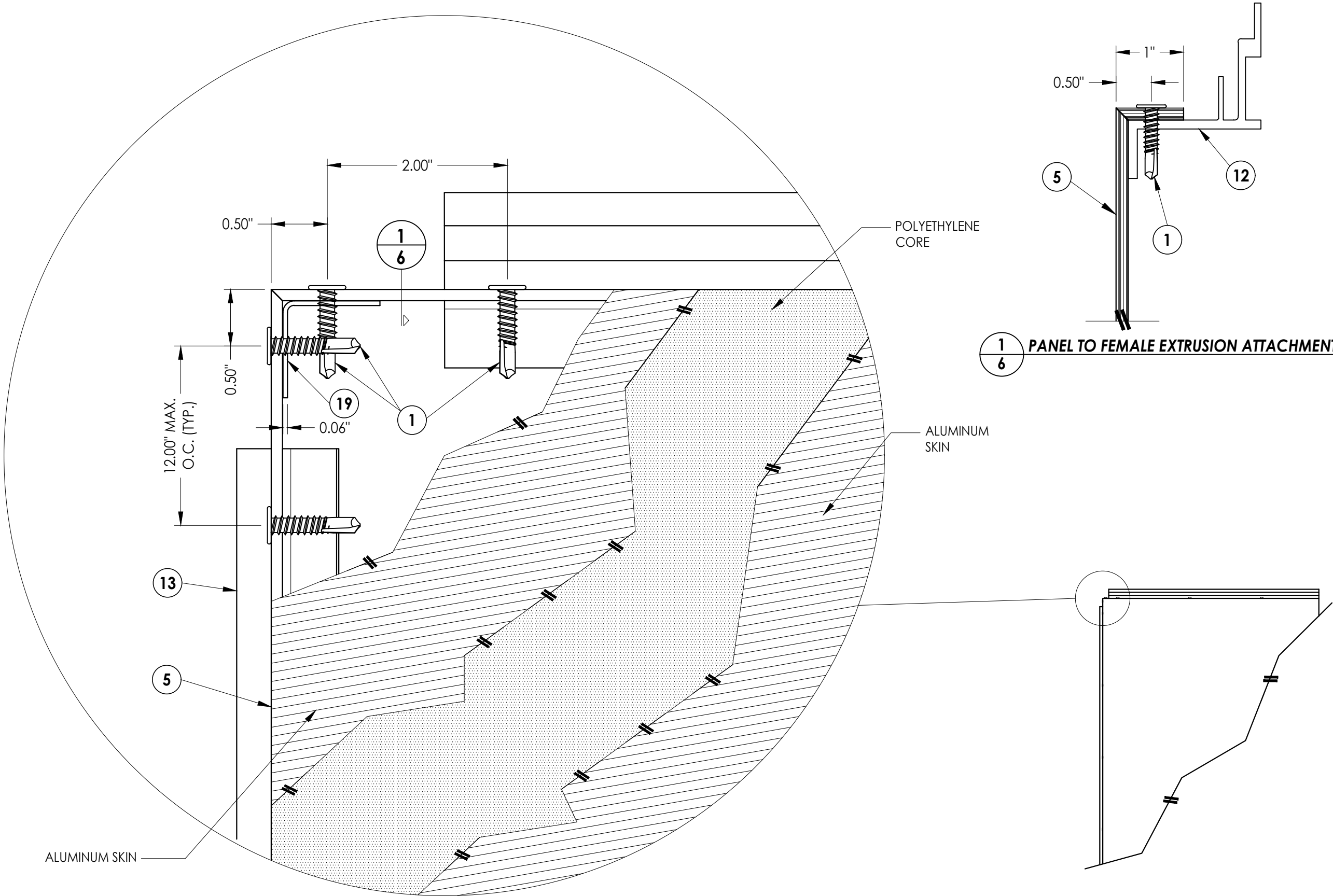
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PRODUCT:
CLADDING SYSTEMS, INC.
PANEL SYSTEM

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

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DATE: 11/10/08		NO.		DATE		REVISIONS	
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3	1/27/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
				BY			

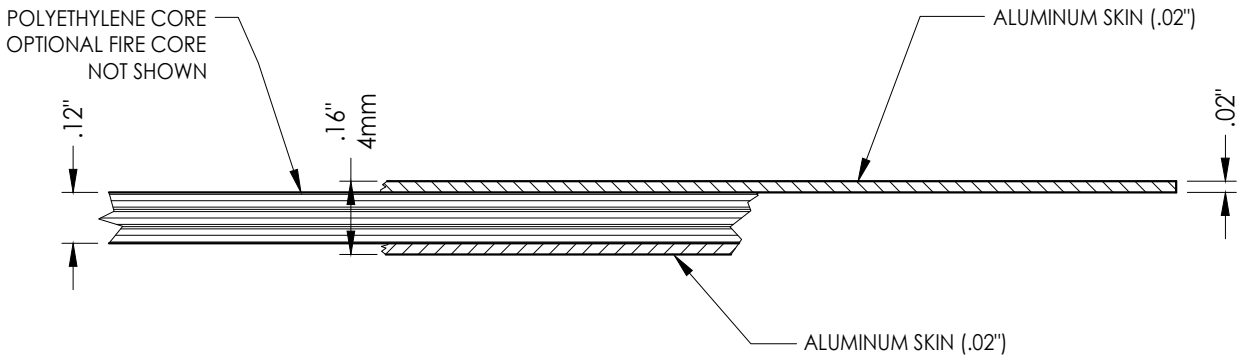
PRODUCT:	CLADDING SYSTEMS, INC.
	PANEL SYSTEM
PART OR ASSEMBLY:	PANEL DETAIL

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

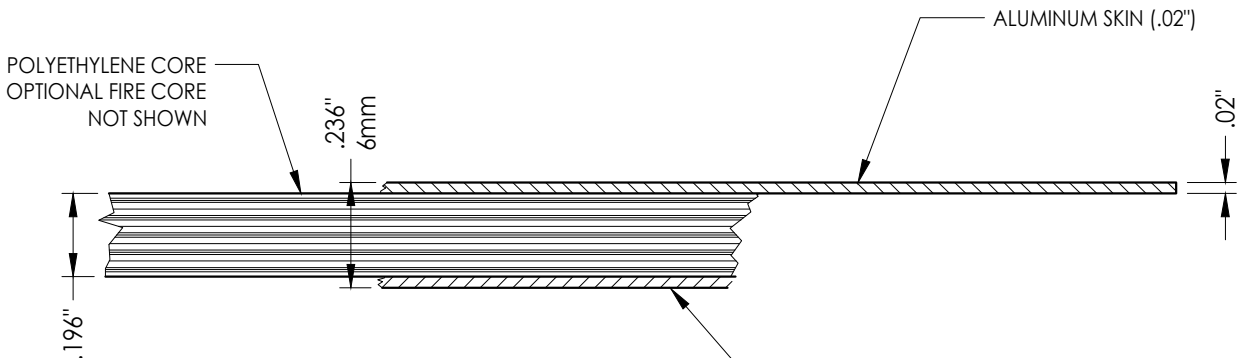
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
G	1/4" PVC SHIM	PVC
1	#10-14 X 1-1/2" FH TEK SELF-DRILLING SMS	STEEL
5	4mm or 6mm ALUMINUM COMPOSITE PANEL BY ALUCOBOND, REYNOBOND AND ALPOLIC	ALUM/COMP
10	CLD-001 TERMINATOR EXTRUSION (6063-T6)	ALUMINUM
11	#12-14 X 2" HWH TEK SELF-DRILLING SMS	STEEL
12	CLD-005 FEMALE EXTRUSION (6063-T6)	ALUMINUM
13	CLD-004 MALE EXTRUSION (6063-T6)	ALUMINUM
14	TR-007 STIFFENER (6063-T6)	ALUMINUM
15	METAL STUD - 16 ga.**	STEEL
18	HEADER AND SILL PLATE	STEEL
19	1" CORNER CLIP (6063-T6)	ALUMINUM
21	DOW 791 SEALANT	SILICONE
22	FOAM BACKER ROD	FOAM
24	DOW 995 STRUCTURAL SILICONE	SILICONE
32	5/8" DENS GLASS SHEATHING BY GEORGIA PACIFIC	-
33	5/8" PLYWOOD	WOOD

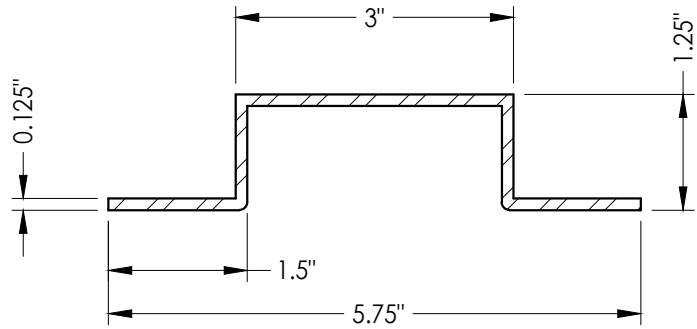
**SEE GENERAL NOTE 5, SHEET 1



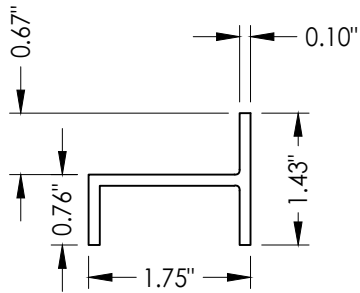
5 4 mm PANEL
ALUMINUM COMPOSITE



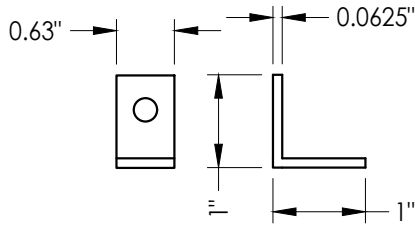
5 6mm PANEL
ALUMINUM COMPOSITE



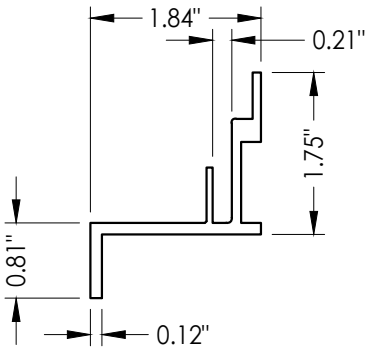
14 TR-007 STIFFENER
Alloy 6063-T6



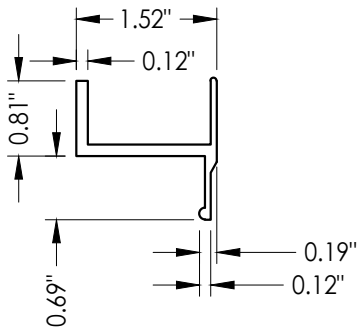
10 TERMINATOR EXTRUSION
Alloy 6063-T6



19 CORNER CLIP
Alloy 6063-T6



12 FEMALE EXTRUSION
Alloy 6063-T6



13 MALE EXTRUSION
Alloy 6063-T6

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PANEL SYSTEM

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:
FL-12020.1

SHEET 7 OF 7