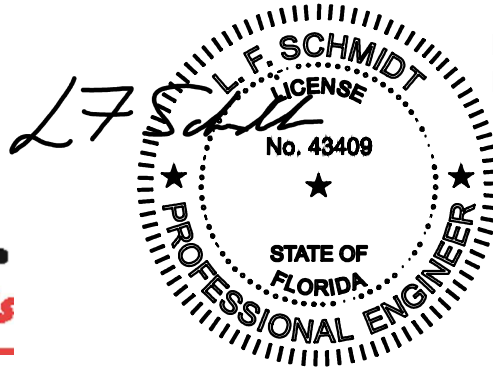




Digitally signed by Lyndon F Schmidt
Date: 2026.07.02 13:59:01 -04'00'

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

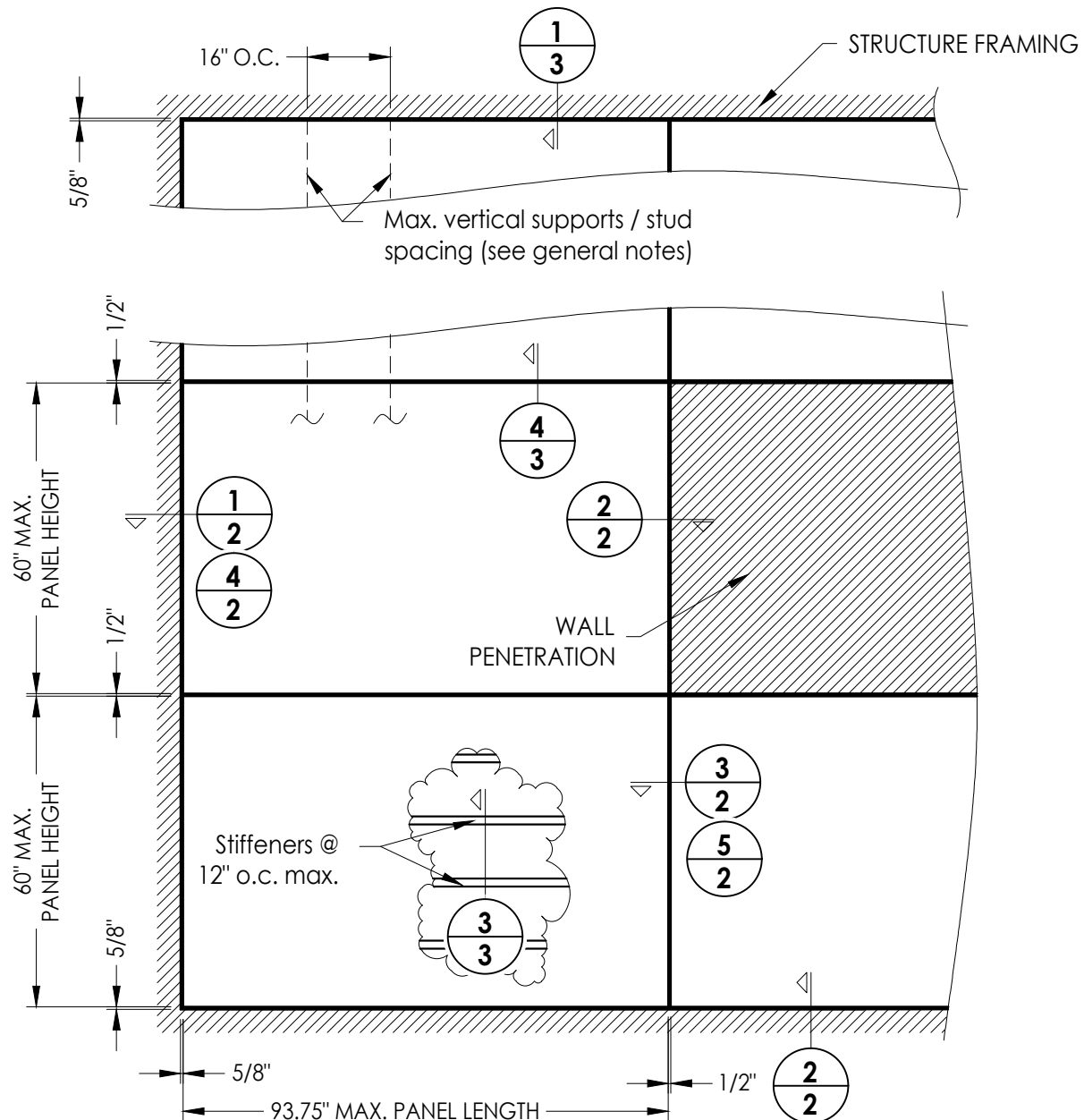
ACM WALL PANELS (RAIN SCREEN) "NON-IMPACT"

GENERAL NOTES

- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- The wall panels are shown (as tested) 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.
- The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing required.
- The wall panels shall not be used to resist any axial forces other than self-weight. Supplemental vertical support for floor and roof systems is required.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Panel details
5	Bill of materials and components



MAX. PANEL DIMENSION	STIFFENER SPACING	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
60.0" x 93.75"	12" O.C.	+40.0	-40.0

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

PRODUCT: QUALITY METALS, INC.

BUILDING CONSULTANTS, INC.

P.O. Box 230, Vairco, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

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

NO.	DATE	REVISIONS				
		LFS	FBC	LFS	FBC	BY
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC			
4	8/08/23	UPDATE TO 8TH ED. (2023)	FBC			
3	8/27/20	UPDATE TO 7TH ED. (2020)	FBC			
2	7/20/17	UPDATE TO 6TH ED. (2017)	FBC			
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC			

DATE: 2/18/14

SCALE: N.T.S.

DWG. BY: AL

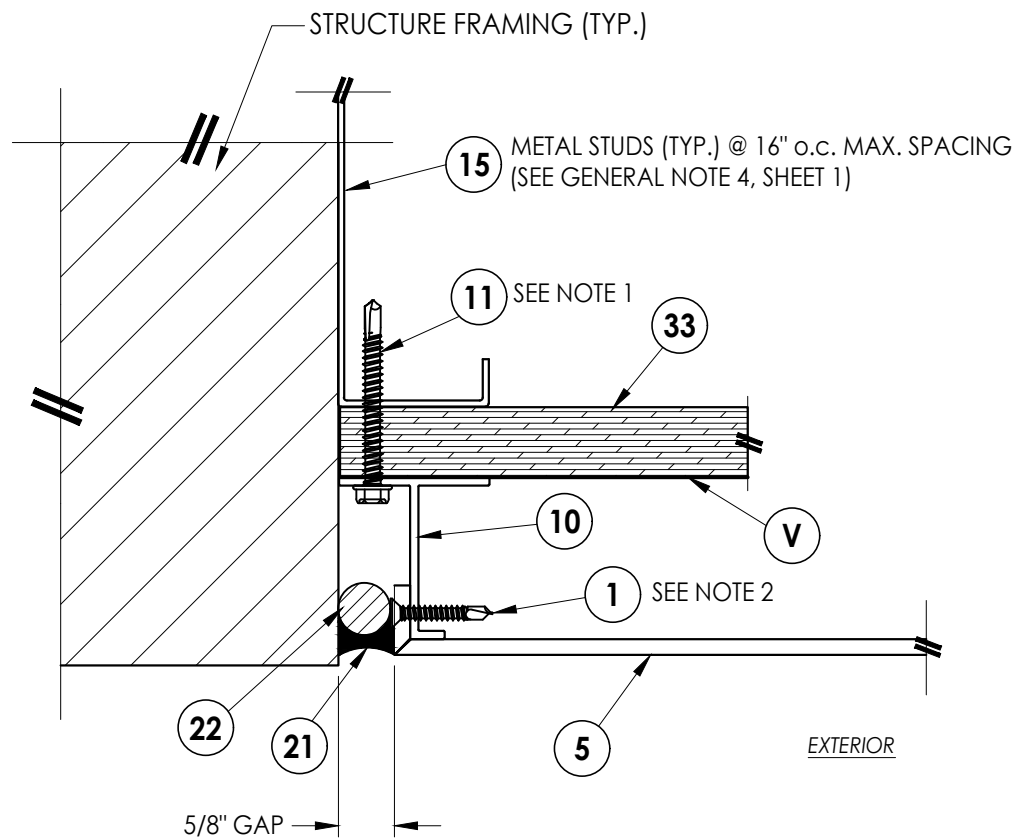
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DRAWING NO.:

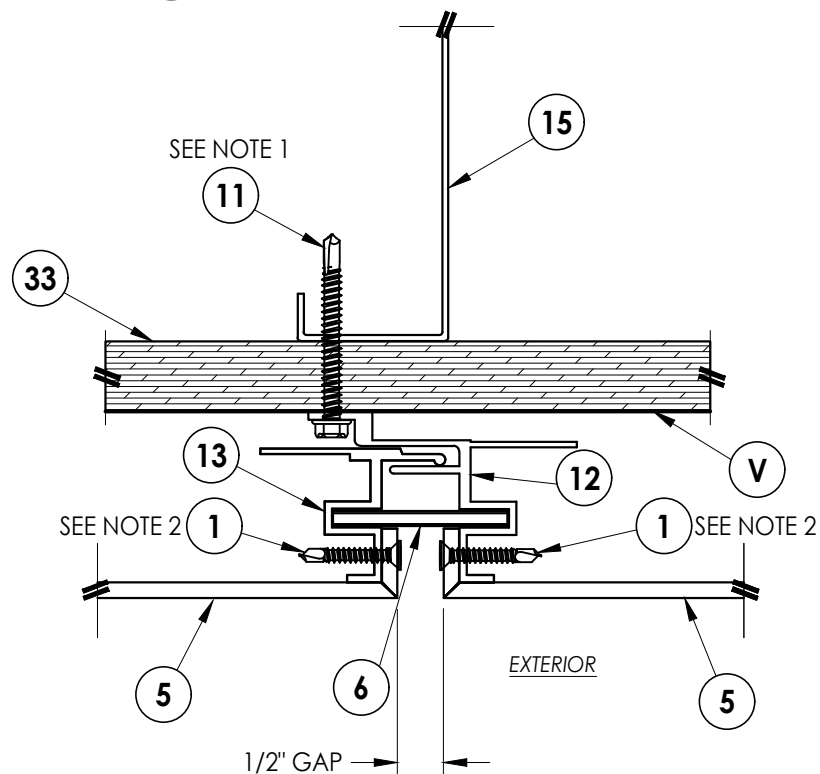
FL-16849.1

SHEET 1 OF 5

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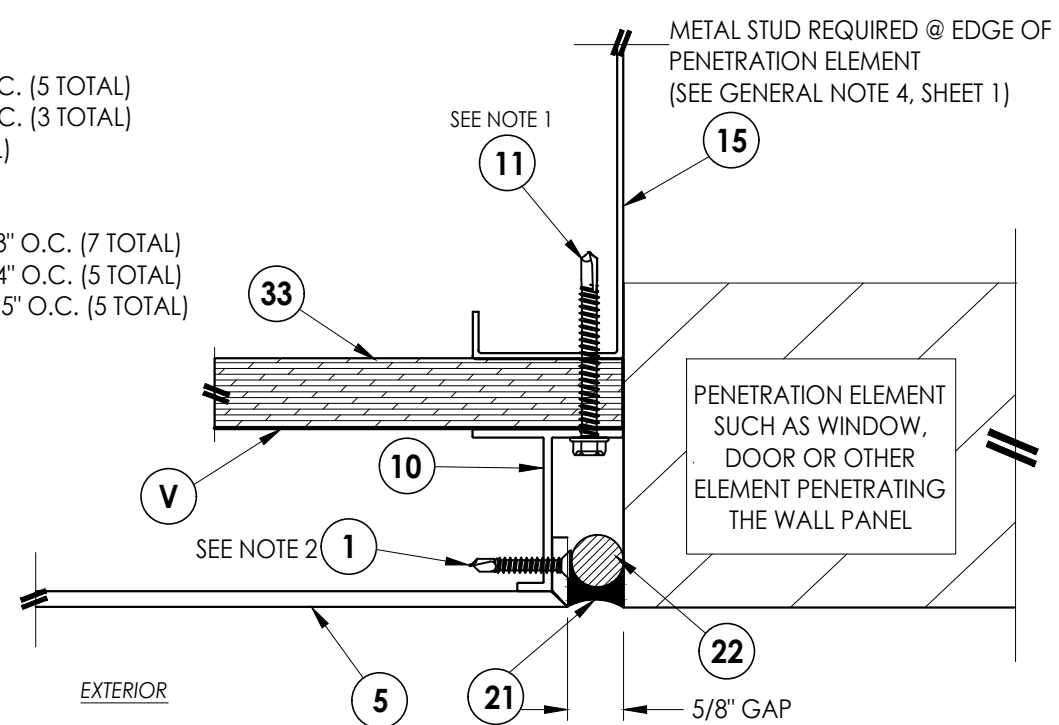


1
2 HORIZONTAL CROSS SECTION

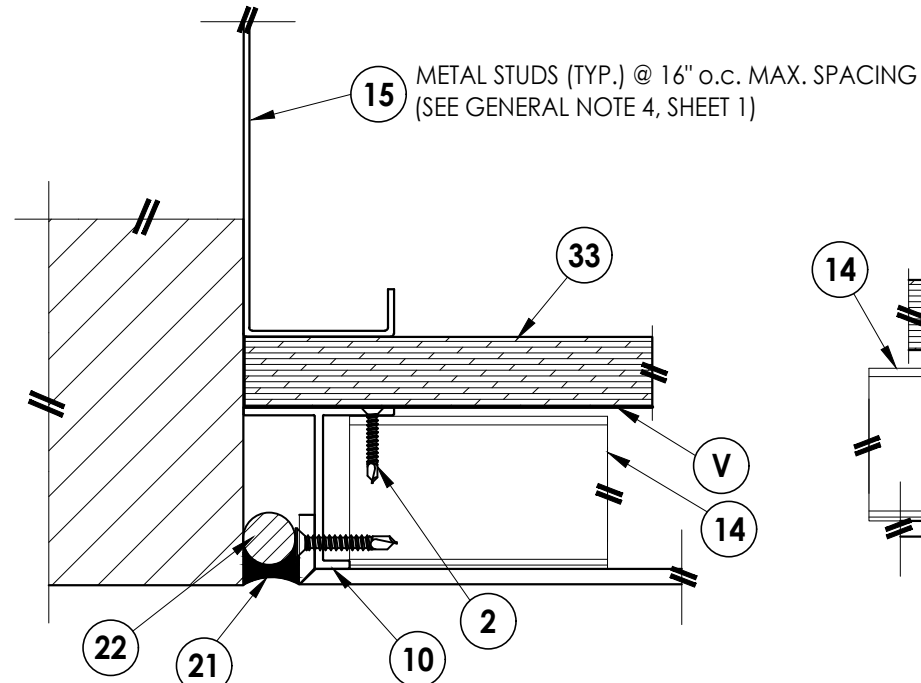


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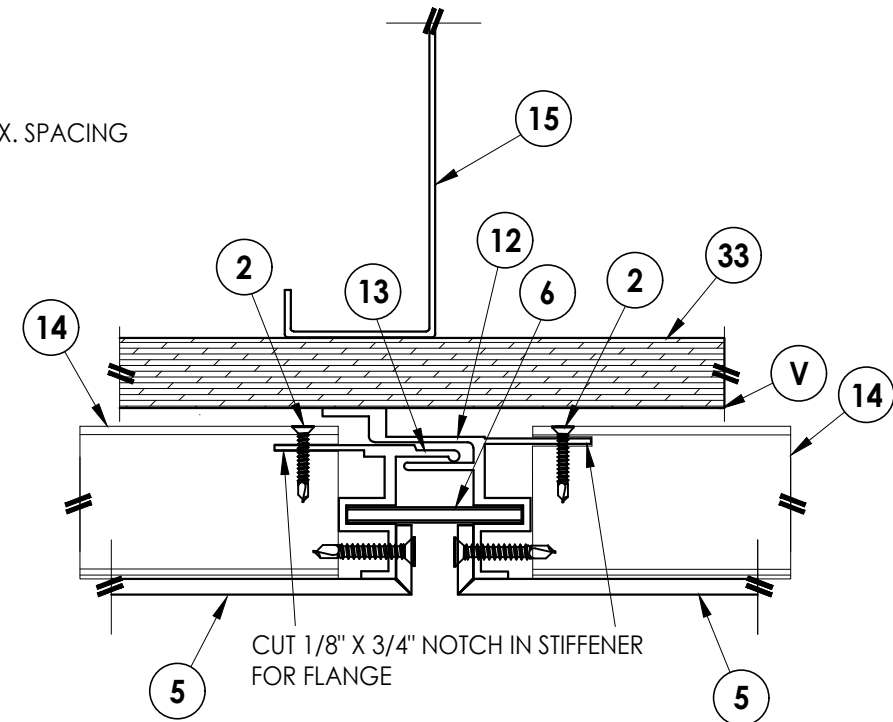
- NOTE:
- SPACING FOR ITEM #11:
60" PANEL: 2" FROM ENDS & 14" O.C. (5 TOTAL)
36" PANEL: 2" FROM ENDS & 16" O.C. (3 TOTAL)
25" PANEL: 2" FROM ENDS (2 TOTAL)
 - SPACING FOR ITEM #1:
60" PANEL: 1" & 4" FROM ENDS & 13" O.C. (7 TOTAL)
36" PANEL: 1" & 4" FROM ENDS & 14" O.C. (5 TOTAL)
25" PANEL: 1" & 4" FROM ENDS & 8.5" O.C. (5 TOTAL)



2
2 HORIZONTAL CROSS SECTION



4
2 HORIZONTAL CROSS SECTION
STIFFENER AT EXTERIOR JOINT



5
2 HORIZONTAL CROSS SECTION
STIFFENER AT INTERIOR JOINT

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

PRODUCT:
QUALITY METALS, INC.

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

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS				
		LFS	FBC	FBC	FBC	BY
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC			
4	8/08/23	UPDATE TO 8TH ED. (2023)	FBC			
3	8/27/20	UPDATE TO 7TH ED. (2020)	FBC			
2	7/20/17	UPDATE TO 6TH ED. (2017)	FBC			
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC			

DATE: 2/18/14

SCALE: N.T.S.

DWG. BY: JK

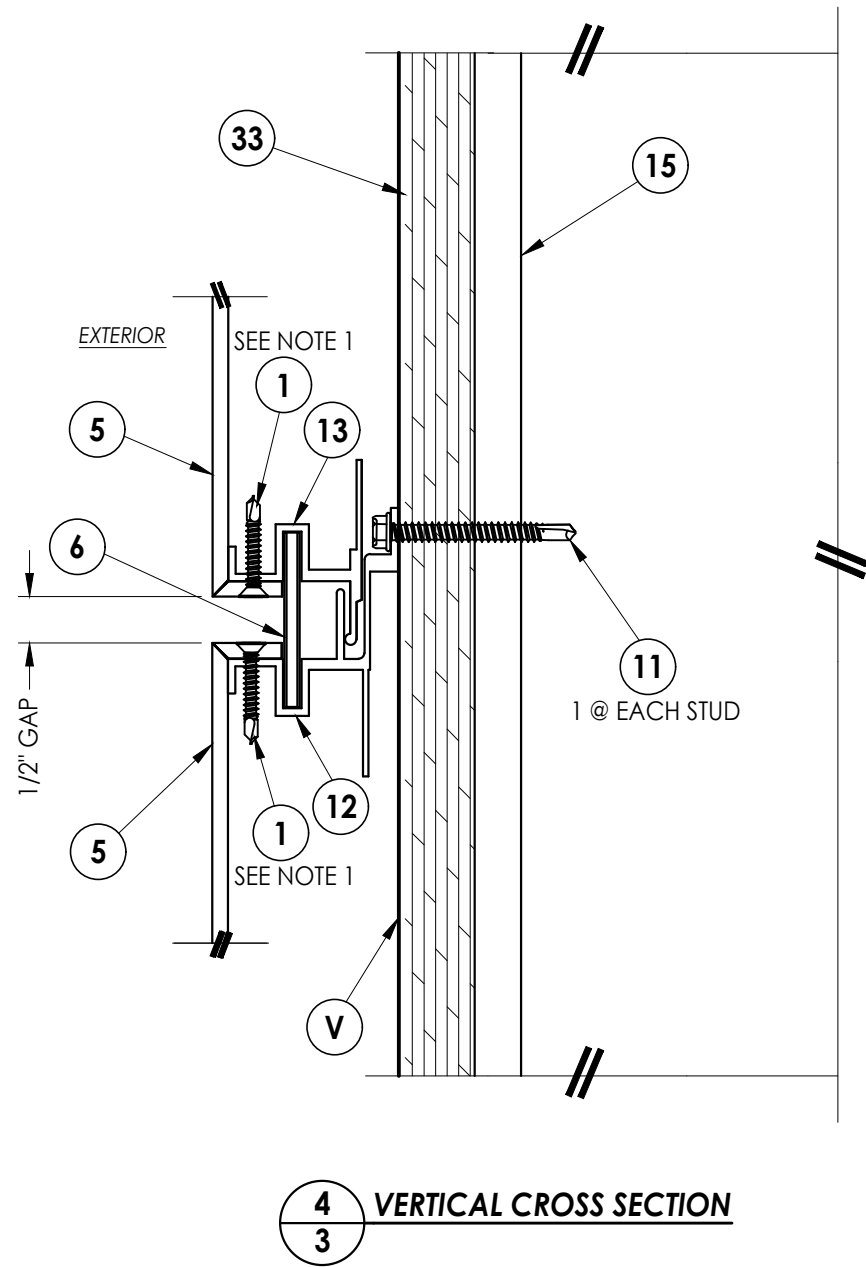
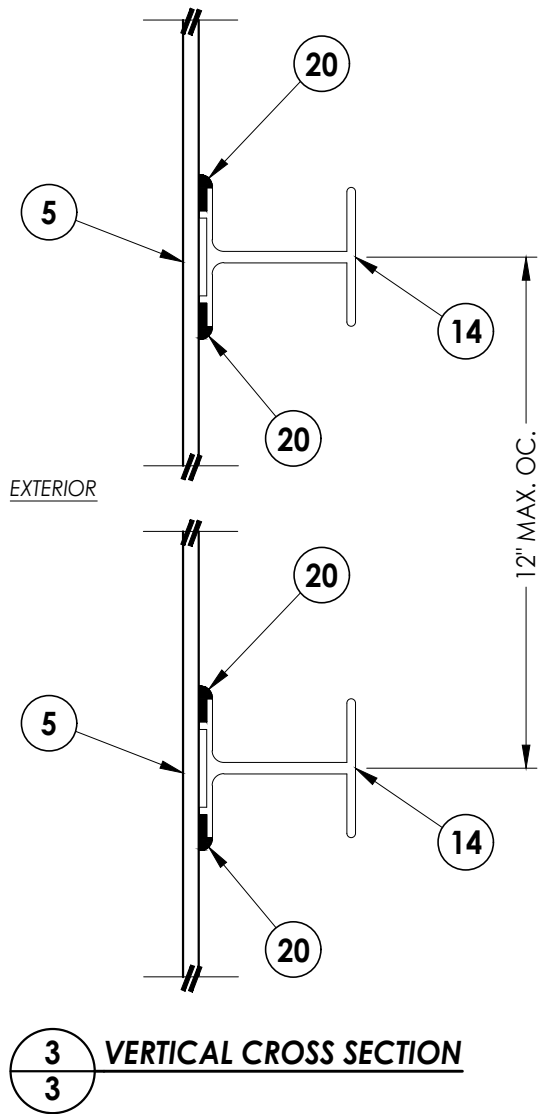
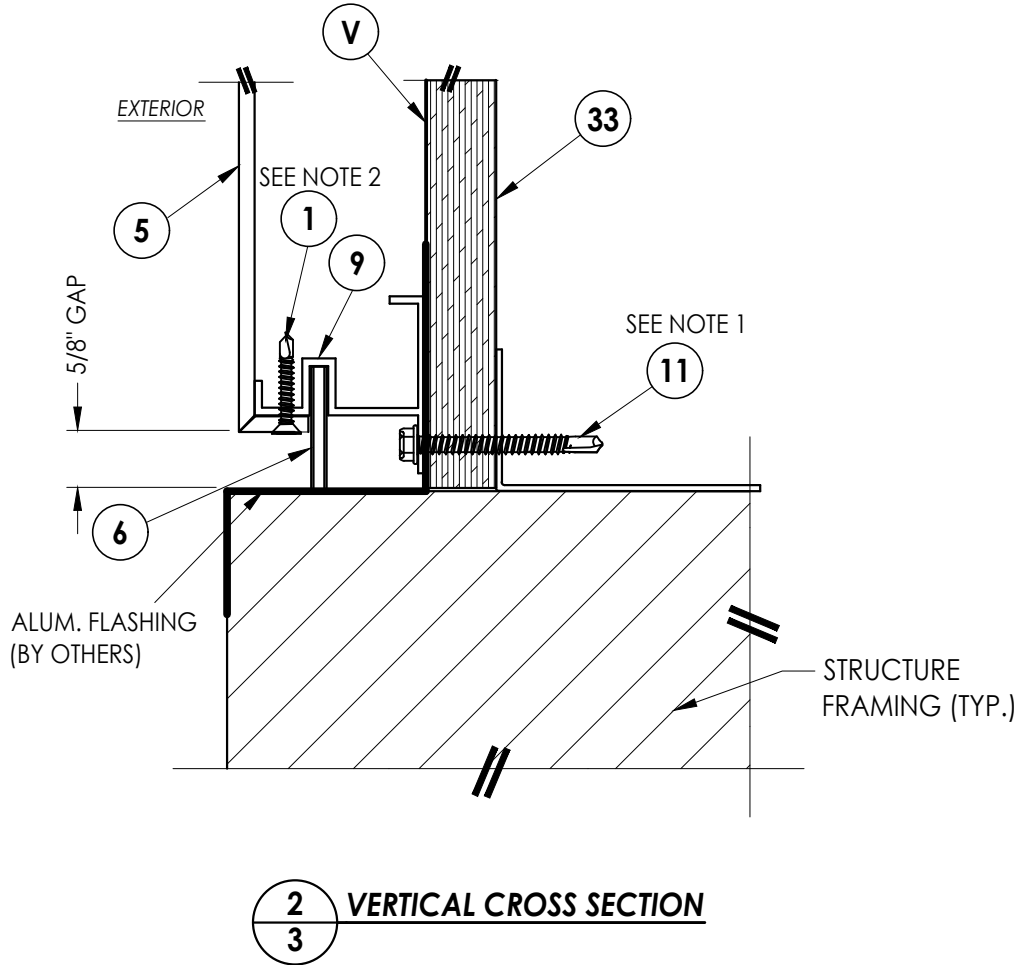
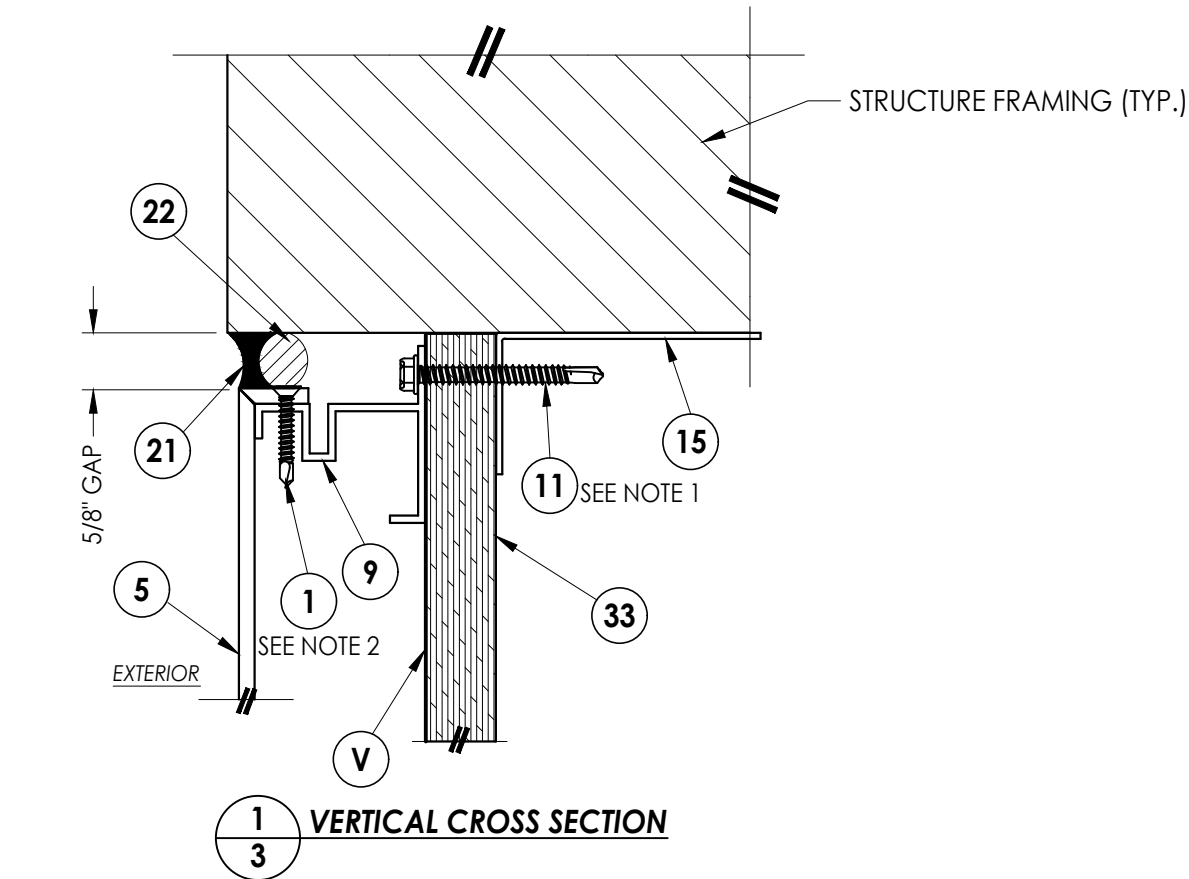
CHK. BY: LFS

DRAWING NO.:

FL-16849.1

SHEET 2 OF 5

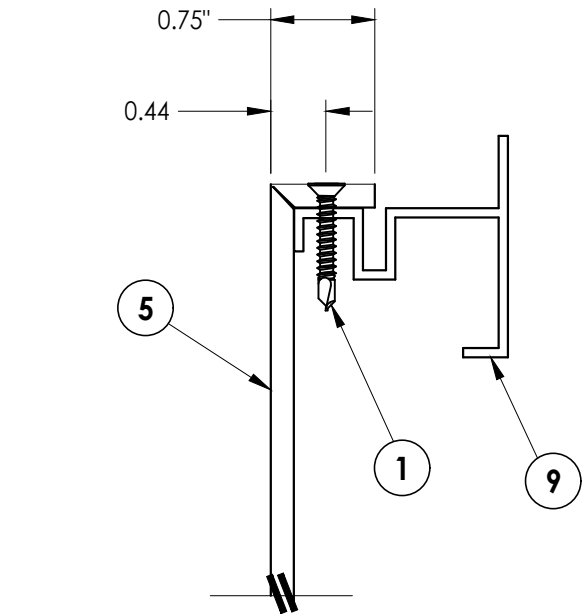
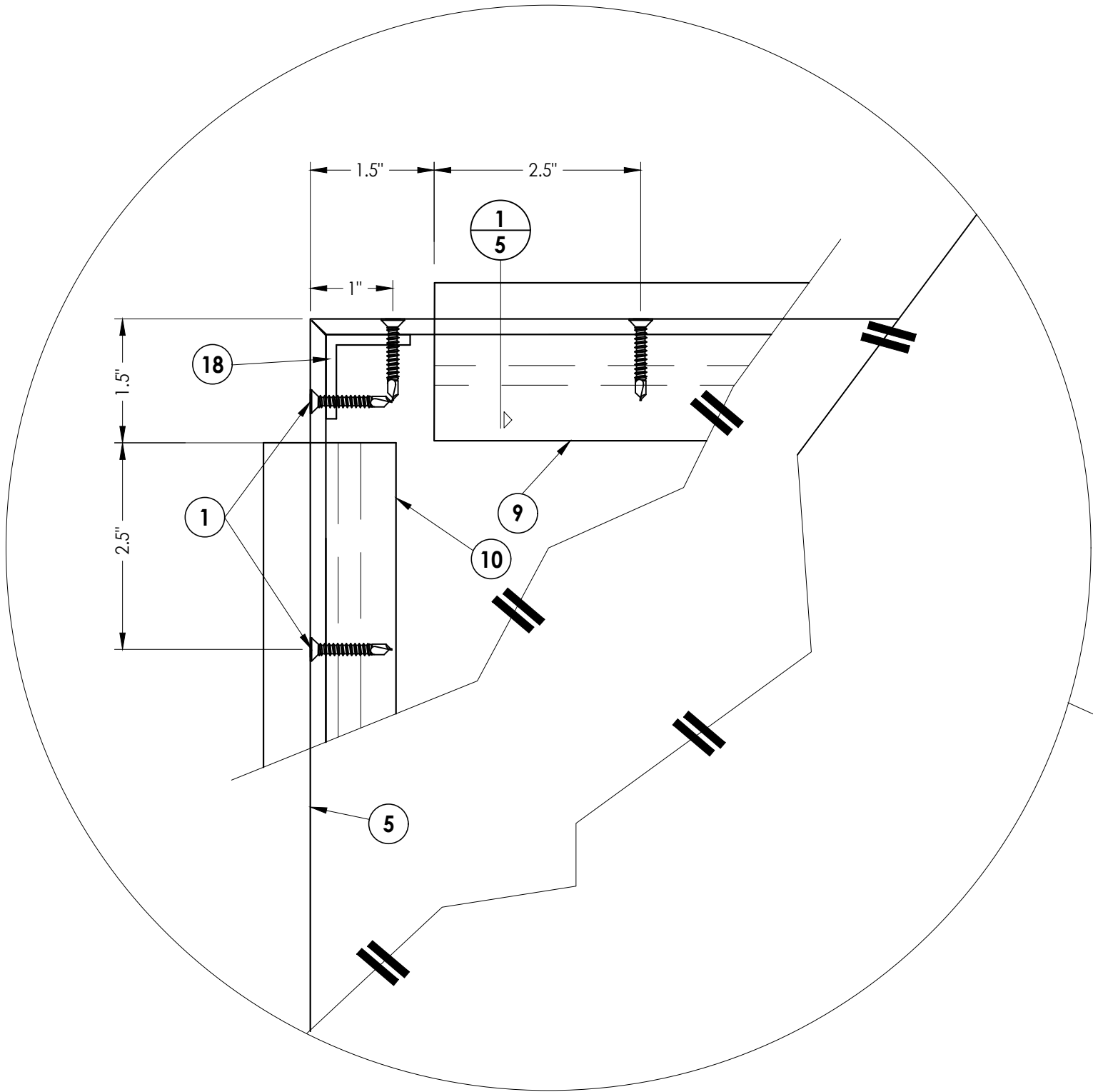
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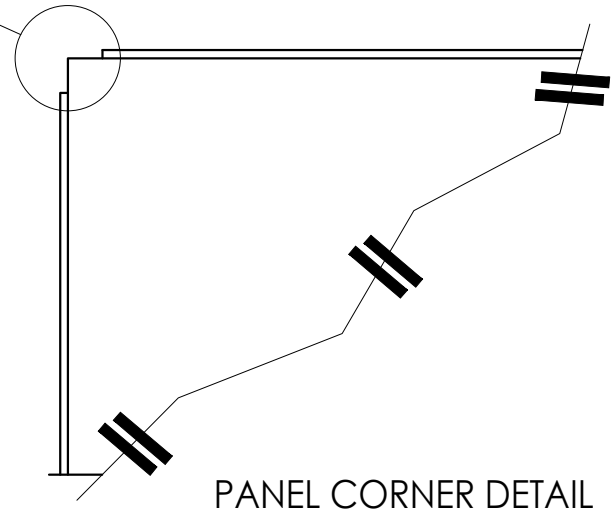
- NOTES:
1. SPACING FOR ITEM #11:
3" & 14" FROM EACH END & 16" O.C. THEREAFTER.
2. SPACING FOR ITEM #1:
1", 4" & 15" FROM EACH END & 16" O.C. THEREAFTER.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		PRODUCT: QUALITY METALS, INC.		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	REVISIONS	NO.	DATE
4	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
3	8/27/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
2	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
1	2/12/15	UPDATE TO 5TH ED. (2014)	FBC	LFS			
DATE: 2/18/14		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-16849.1		SHEET 3 OF 5					

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1 5 PANEL TO TERMINATOR ATTACHMENT

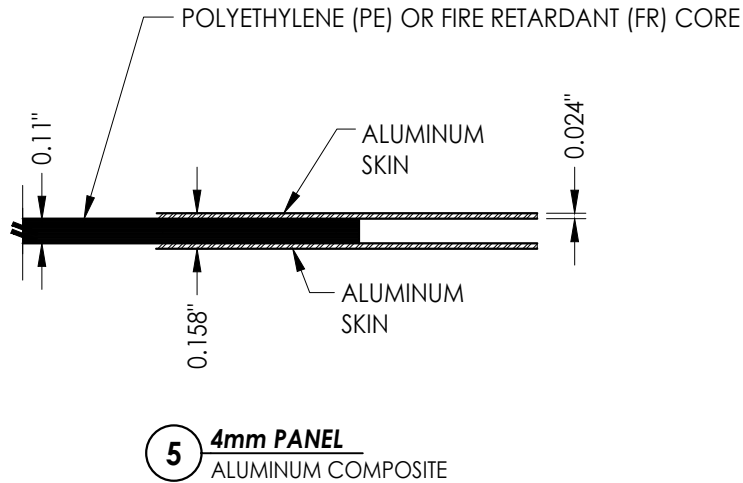


PRODUCT:		QUALITY METALS, INC.		PART OR ASSEMBLY:		PANEL DETAILS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DOCUMENTS PREPARED BY:		LYNDON F. SCHMIDT P.E. NO. 43409		R ^g W					
DATE:		2/18/14		SCALE:		N.T.S.			
DWG. BY:		JK		CHK. BY:		LFS			
DRAWING NO.:		FL-16849.1		SHEET		4 OF 5			
REVISIONS		NO.		DATE		BY			
5		7/02/26		UPDATE TO 9TH ED. (2026)		FBC		LFS	
4		8/08/23		UPDATE TO 8TH ED. (2023)		FBC		LFS	
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1		2/12/15		UPDATE TO 5TH ED. (2014)		FBC		LFS	

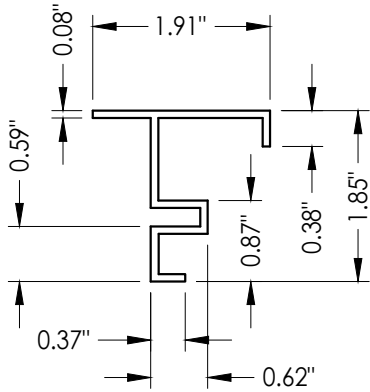
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
V	WATER-RESISTIVE BARRIER	-
1	#10-16 X 1" PFH TEK SCREW	STEEL
2	#8-18 X 1" PFH TEK SCREW	STEEL
4	#8 X 1-3/4" PPH WS	STEEL
5	4mm ALUMINUM COMPOSITE PANEL (ALPOLIC OR REYNOBOND)	ACM
9	TERMINATOR EXTRUSION	6063-T6 ALUM
10	TERMINATOR EXTRUSION	6063-T6 ALUM
11	#12-14 X 2" HWH TEK SCREW	STEEL
12	FEMALE EXTRUSION	6063-T6 ALUM
13	MALE EXTRUSION	6063-T6 ALUM
14	STIFFENER	6063-T6 ALUM
15	METAL STUD (16 GA.) **	STEEL
16	HEADER AND SILL PLATE (16 GA.)	STEEL
18	1" CORNER BRACKET	6063-T6 ALUM
20	DOW 1199 SILICONE	-
21	DOW 795 SEALANT	-
22	FOAM BACKER ROD	-
24	METAL CAP (18 GA.)	STEEL
33	5/8" PLYWOOD OR DensGlass® (Georgia-Pacific)	-

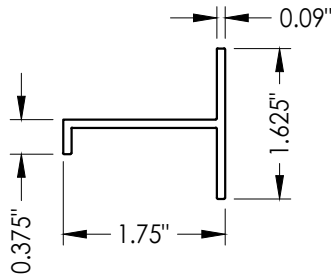
**SEE GENERAL NOTE 4, SHEET 1



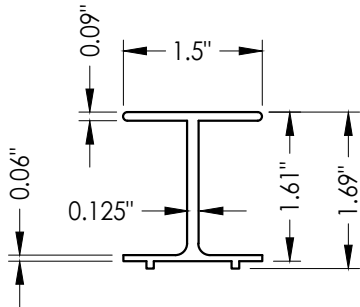
5 4mm PANEL
ALUMINUM COMPOSITE



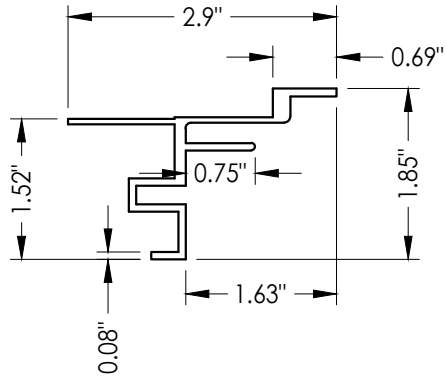
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@ HEAD



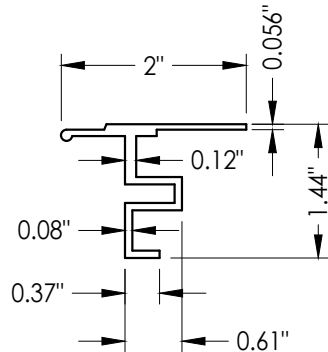
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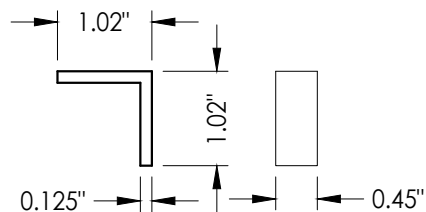
14 STIFFENER



12 FEMALE EXTRUSION



13 MALE EXTRUSION



18 CORNER BRACKET

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	PRODUCT:		QUALITY METALS, INC.	PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
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NO.	DATE			BY	
					REVISIONS
DATE: 2/18/14					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-16849.1					
SHEET 5 OF 5					