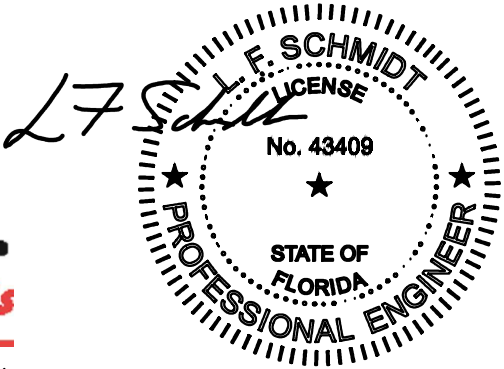




201 Gordon Street, Sanford, FL 32771



Digitally signed by Lyndon F Schmidt
Date: 2023.08.09 08:56:27 -04'00'

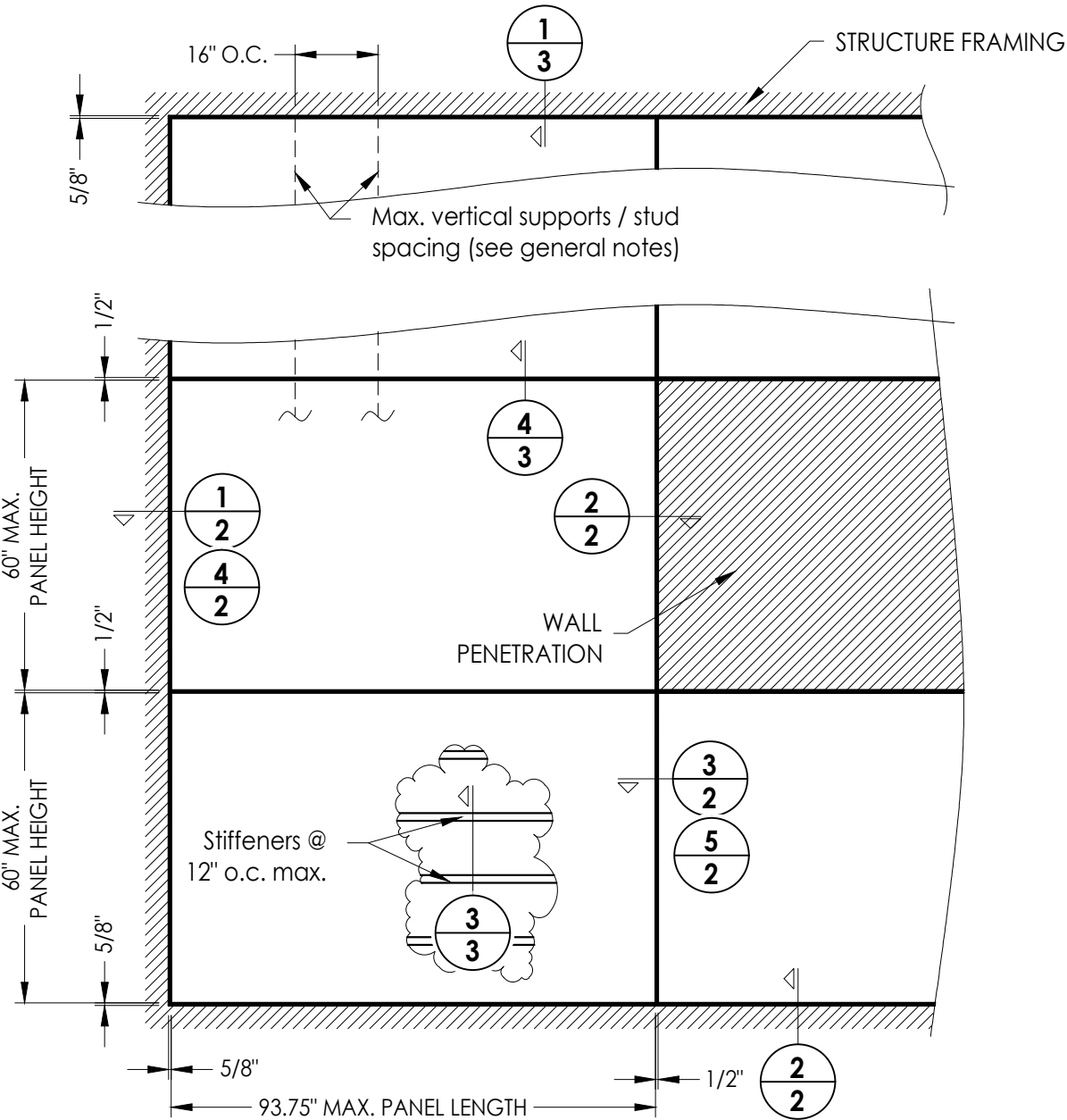
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

ACM WALL PANELS
(WET SEAL)
"NON-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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
3. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
4. 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.
5. The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing required.
6. 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.



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

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

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

PRODUCT: QUALITY METALS, INC.

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

REVISIONS

DATE: 2/18/14

SCALE: N.T.S.

DWG. BY: JK

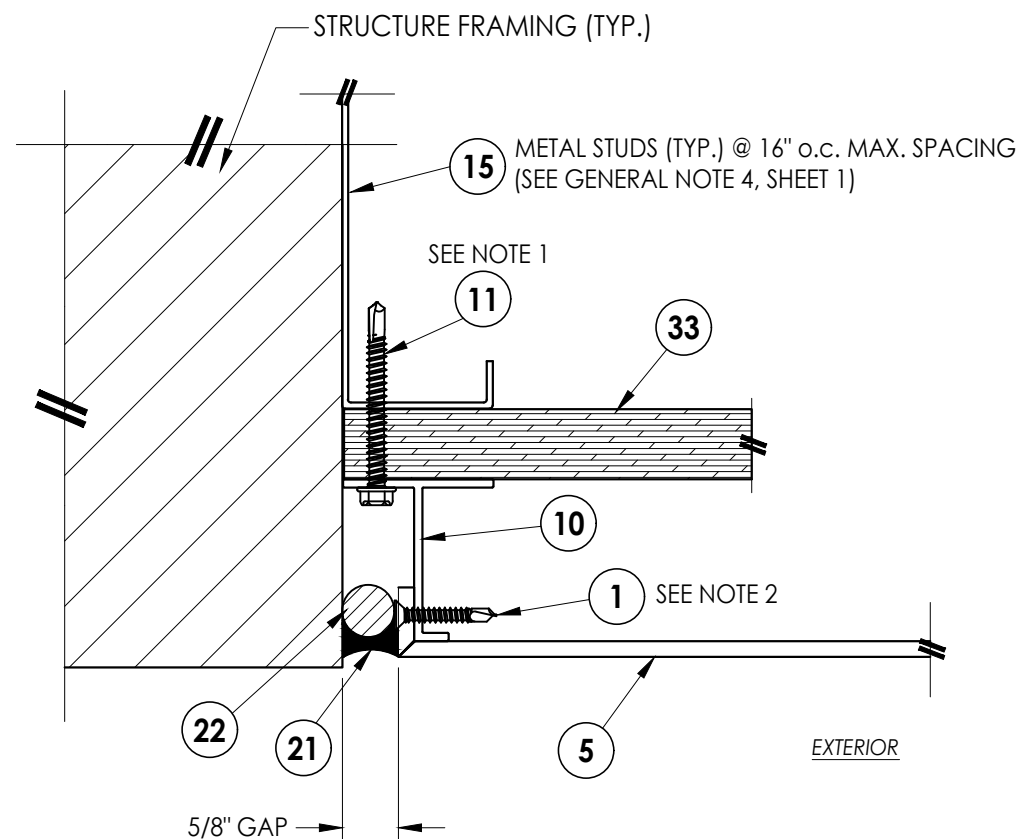
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DRAWING NO.: FL-16849.2

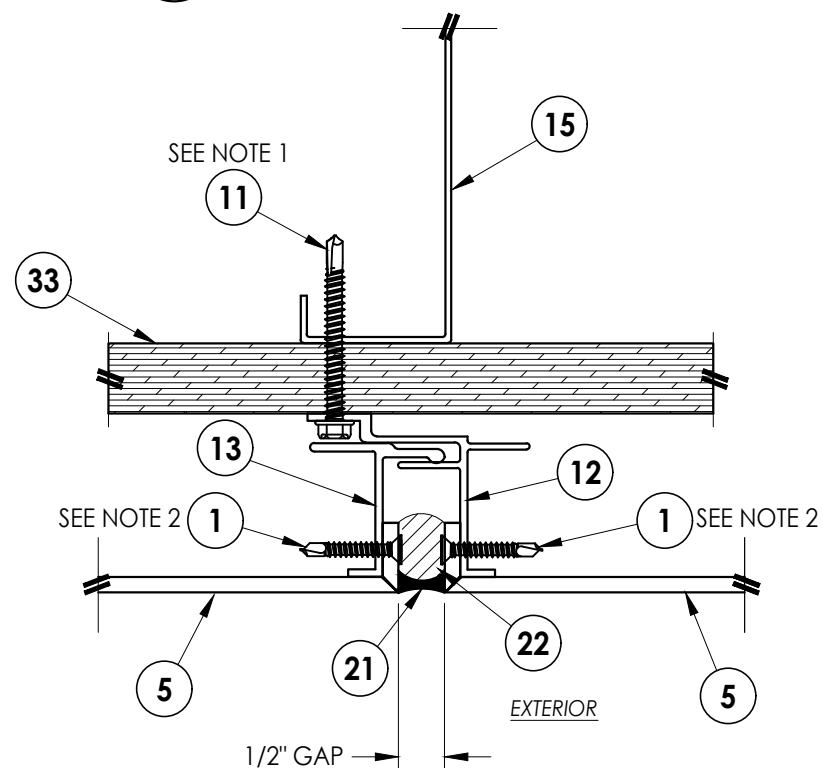
SHEET 1 OF 5

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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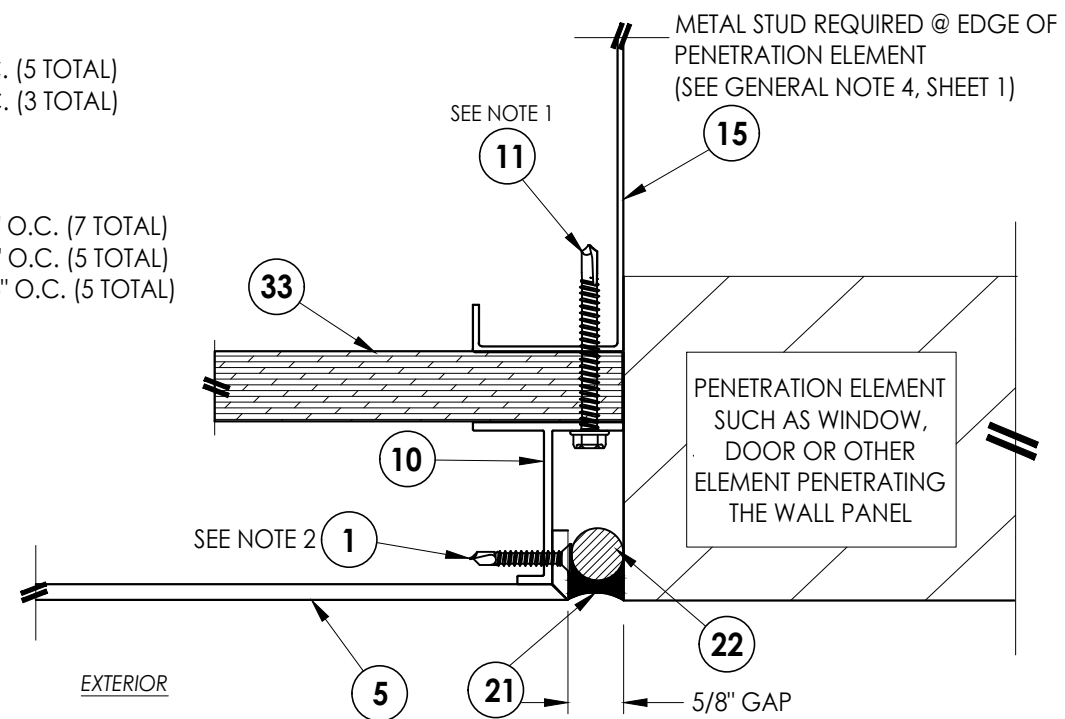
1 HORIZONTAL CROSS SECTION



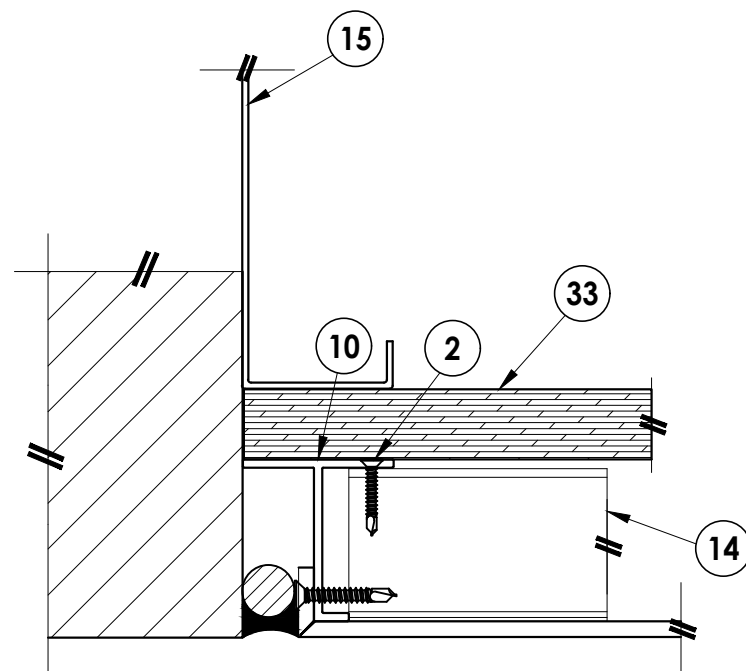
3 2 HORIZONTAL CROSS SECTION

NOTE:

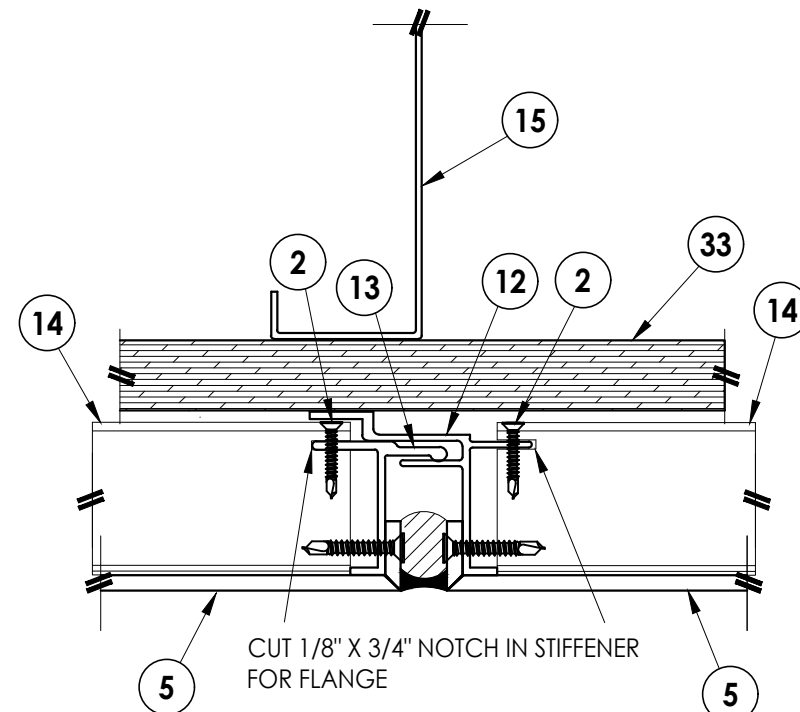
1. SPACING FOR ITEM #11:
60" PANEL: 2" FROM ENDS & 14" O.C. (5 TOTAL)
36" PANEL: 2" FROM ENDS & 16" O.C. (3 TOTAL)
25" PANEL: 2" FROM ENDS (2 TOTAL)
2. SPACING FOR ITEM #1:
60" PANEL: 1" & 4" FROM ENDS & 13" O.C. (7 TOTAL)
36" PANEL: 1" & 4" FROM ENDS & 14" O.C. (5 TOTAL)
25" PANEL: 1" & 4" FROM ENDS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



2 HORIZONTAL CROSS SECTION
2



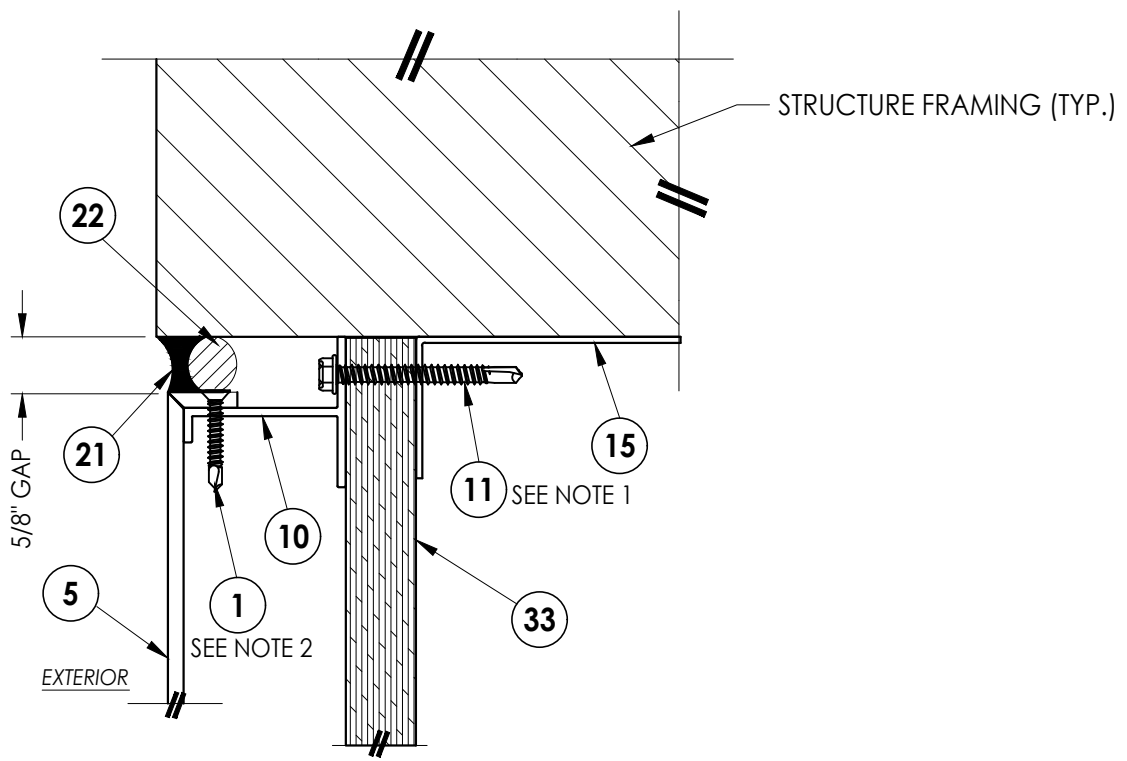
4 2 **HORIZONTAL CROSS SECTION** STIFFENER AT EXTERIOR JOINT



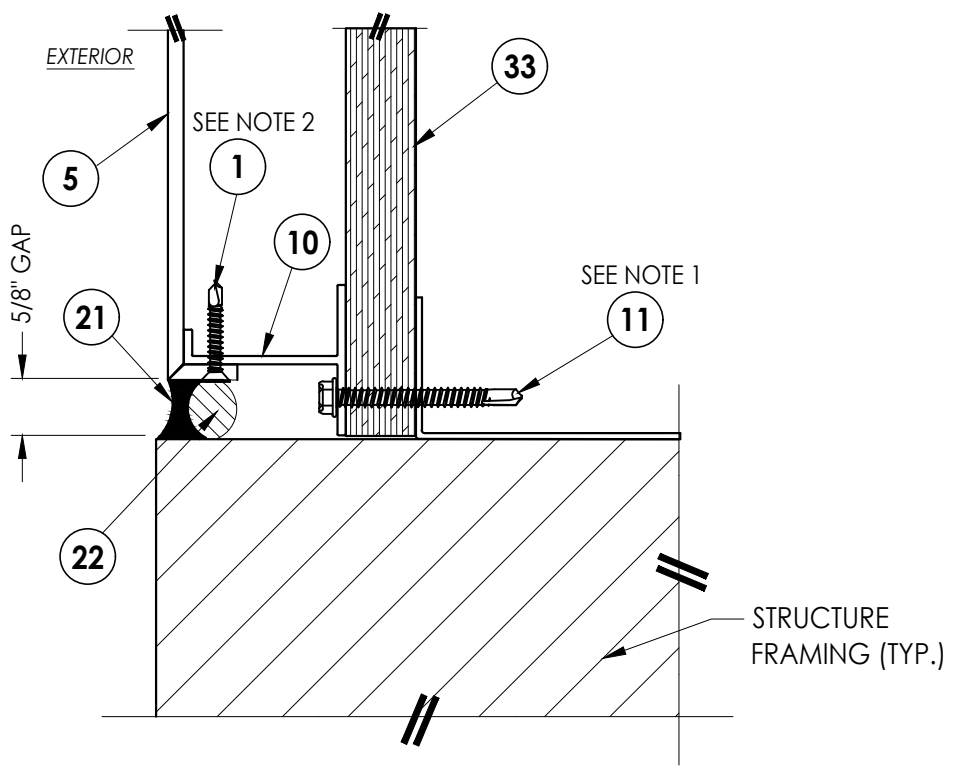
5 HORIZONTAL CROSS SECTION 2 STIFFENER AT INTERIOR JOINT

DOCUMENTS PREPARED BY: LYNDON F. SCHMIDT P.E. No. 43409					
BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813					
QUALITY METALS, INC.					
PART OR ASSEMBLY:					
HORIZONTAL CROSS SECTIONS					
REVISONS					
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	
NO.	DATE			BY	
DATE: 2/18/14					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-16849.2					
SHEET 2 OF 5					

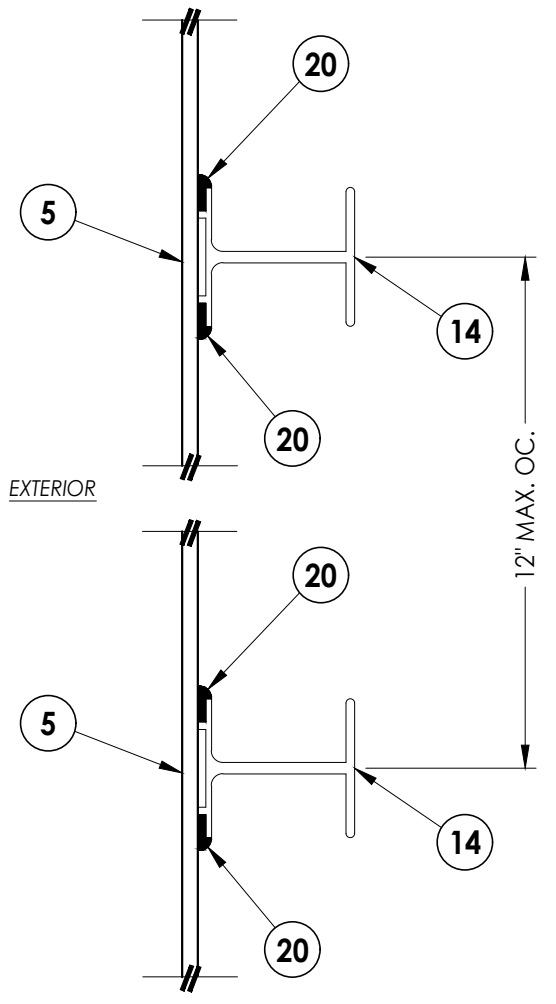
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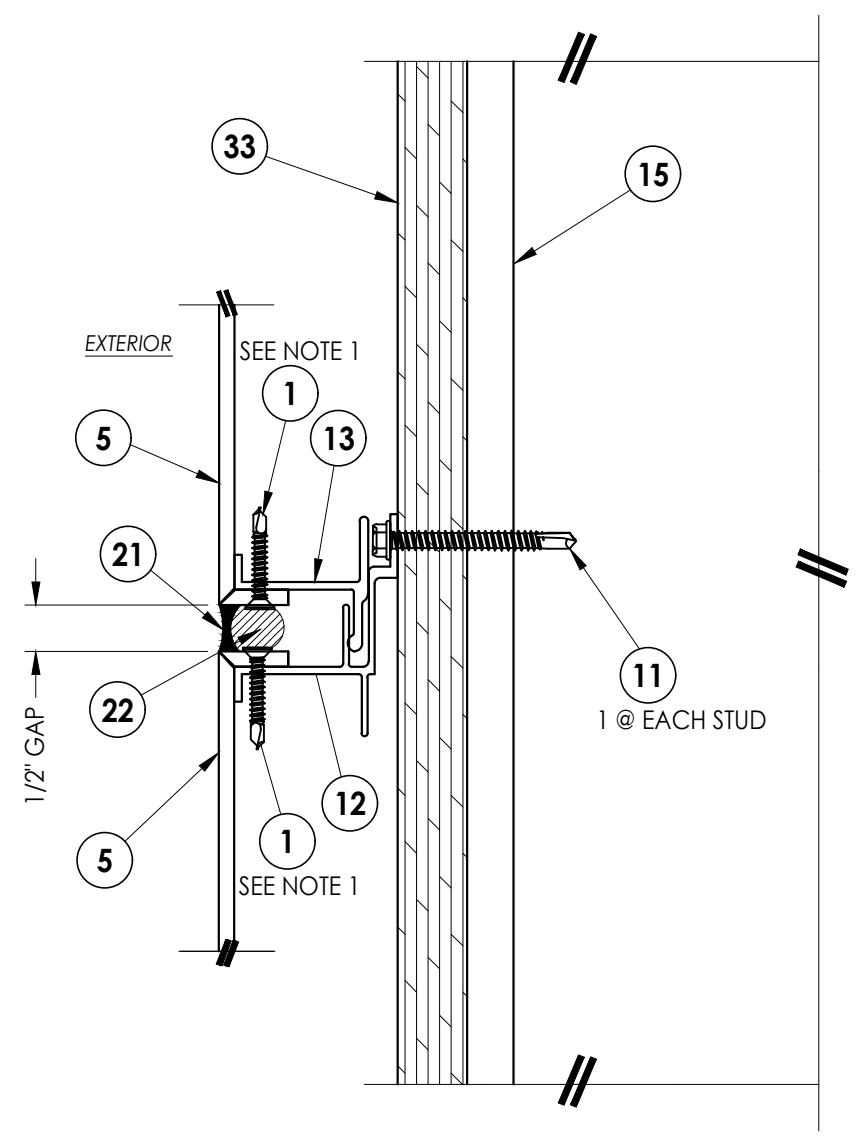
1
3 VERTICAL CROSS SECTION



2
3 VERTICAL CROSS SECTION



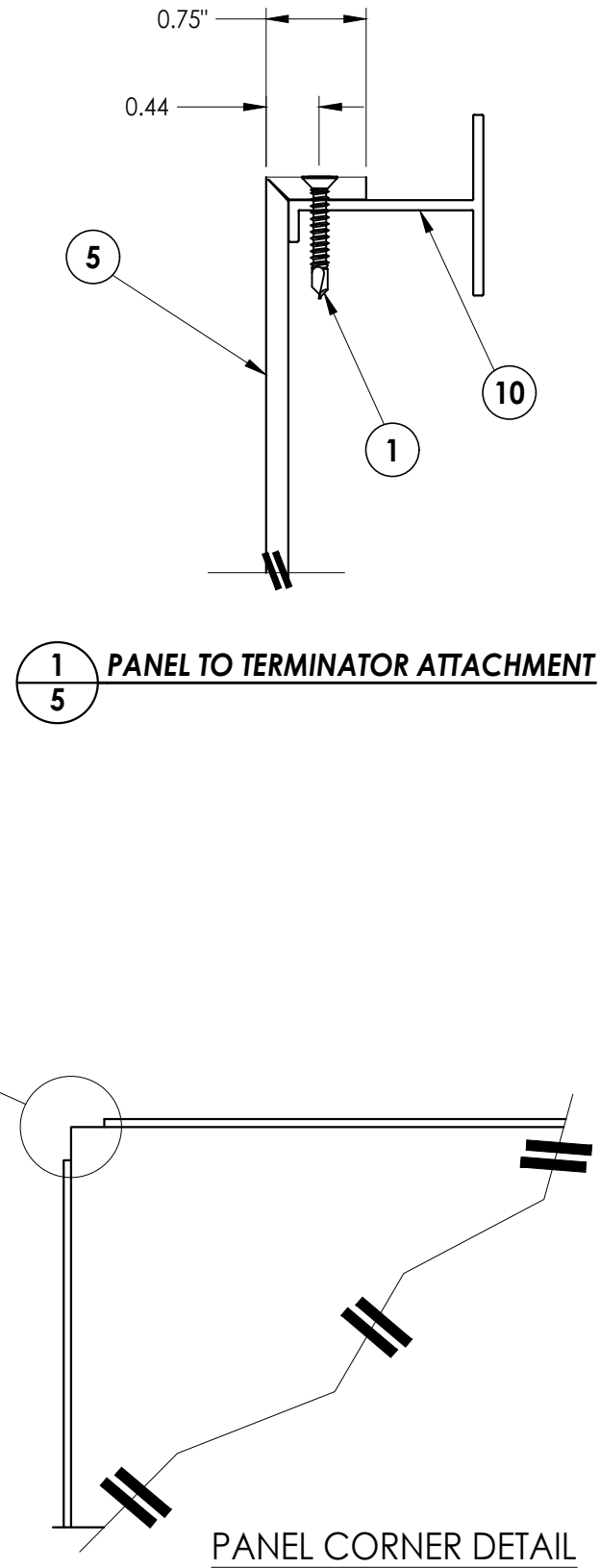
3
3 VERTICAL CROSS SECTION



4
3 VERTICAL CROSS SECTION

- 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		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: QUALITY METALS, INC.		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	
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
NO.	DATE	REVISIONS	
DATE: 2/18/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16849.2			
SHEET 3 OF 5			

[illegible]

Documents Prepared By:
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FBPE Registry No. 9813

