

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	10/19/2022	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. STEEL FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
4. PANEL MATERIAL: 0.157” THICK ALUMINUM COMPOSITE MATERIAL (ACM).
5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
6. FOR ANCHORING PANELS INTO EXTRUSIONS USE #9 X 3/4” COUNTERSUNK HEAD SELF DRILLING 304 STAINLESS STEEL. LOCATE 6” FROM EACH END AND 12” MAX O.C. THEREAFTER AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
7. FOR ANCHORING EXTRUSIONS INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 5/8” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
8. ALL FASTENERS TO BE CORROSION RESISTANT.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER’S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125” THICK MINIMUM
10. 3/8” WEEPHOLES ARE LOCATED 2” FROM THE EDGES, 14” TO 16” ON CENTER SPACING.

SIGNED: 11/02/2022

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 – 5	INSTALLATION DETAILS
6	COMPONENTS

MILLER CLAPPERTON
8050 TROON CIRCLE
AUSTELL, GA 30168

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM
NON-IMPACT
NOTES

DRAWN:
A.R.

DWG NO.
08-03490

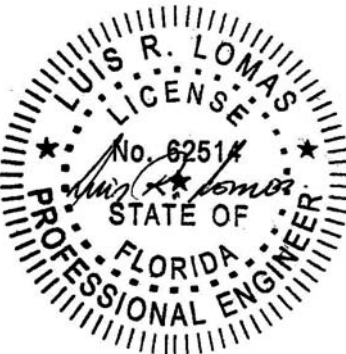
REV
A

SCALE NTS

DATE 10/03/19

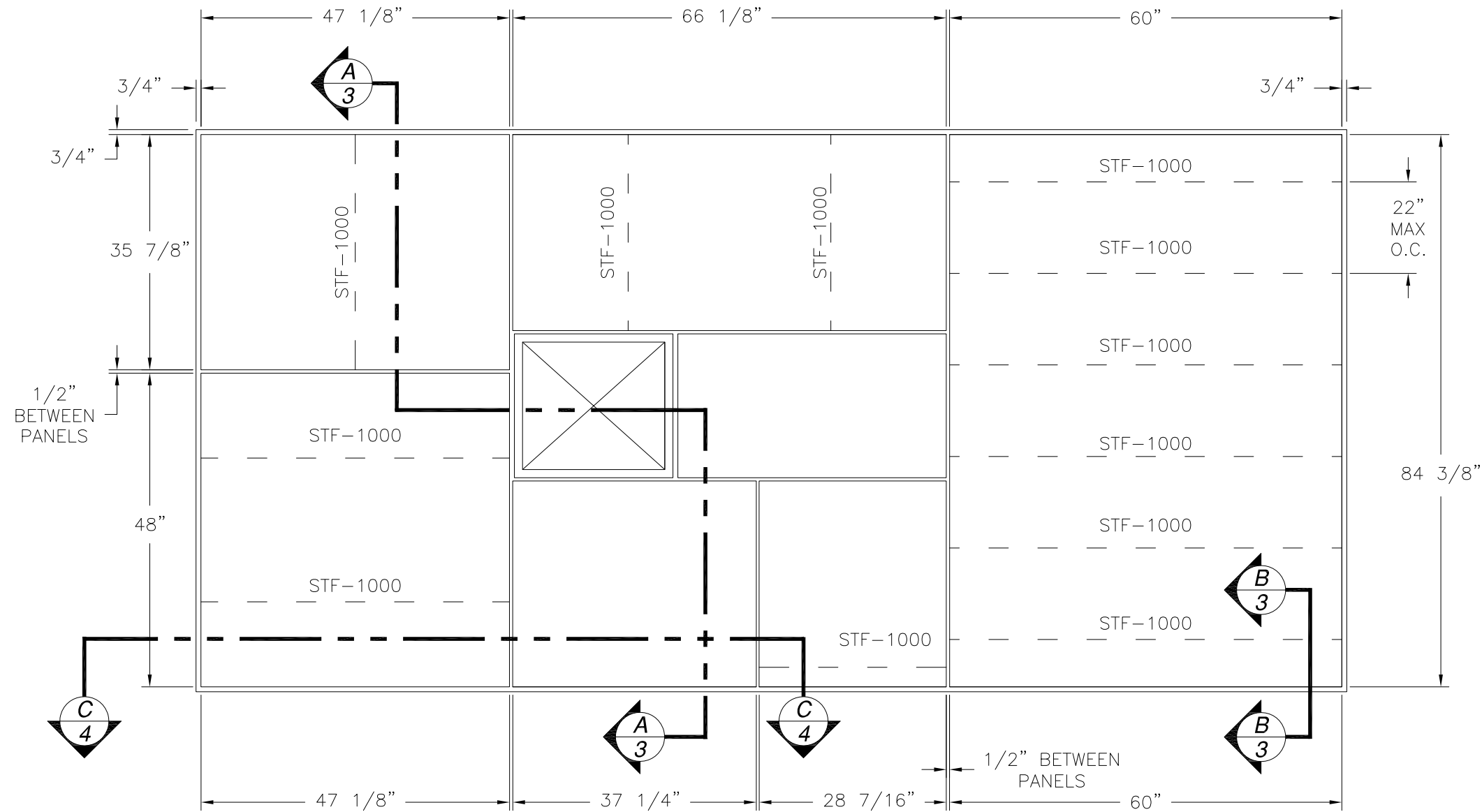
SHEET 1 OF 6

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	10/19/2022	R.L.



- NOTES:
1. PANELS WITH SHORT SIDES THAT EXCEED 22" MUST EMPLOY STIFFENERS.
 2. STIFFENERS ARE TO BE LOCATED 22" MAX O.C FROM EACH OTHER WHEN REQUIRED.
 3. STIFFENERS MAY BE INSTALLED VERTICALLY OR HORIZONTALLY
 4. STRUCTURAL SILICONE TO BE APPLIED ALONG PANEL'S EDGES WHEN REQUIRED.

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

60" X 84 1/2" PANEL SHOWN. OTHER PANEL SIZES ARE APPROVED
AS LONG AS SHORT SIDE DOES NOT EXCEED 72"

SIGNED: 11/02/2022

MILLER CLAPPERTON
8050 TROON CIRCLE
AUSTELL, GA 30168

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM
NON-IMPACT
ELEVATION

DRAWN:
A.R.

DWG NO.
08-03490

REV
A

SCALE
NTS

DATE
10/03/19

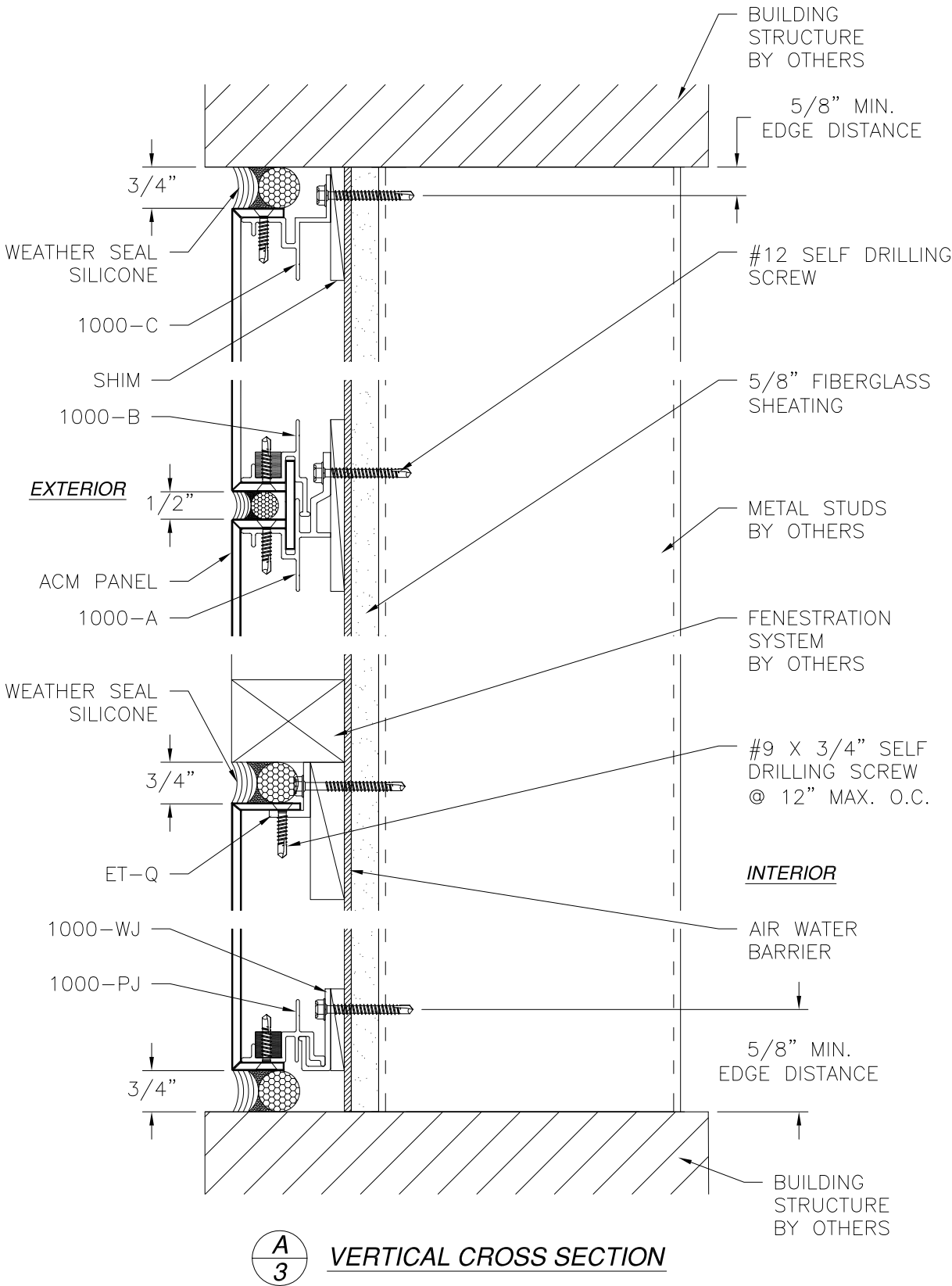
SHEET
2 OF 6

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

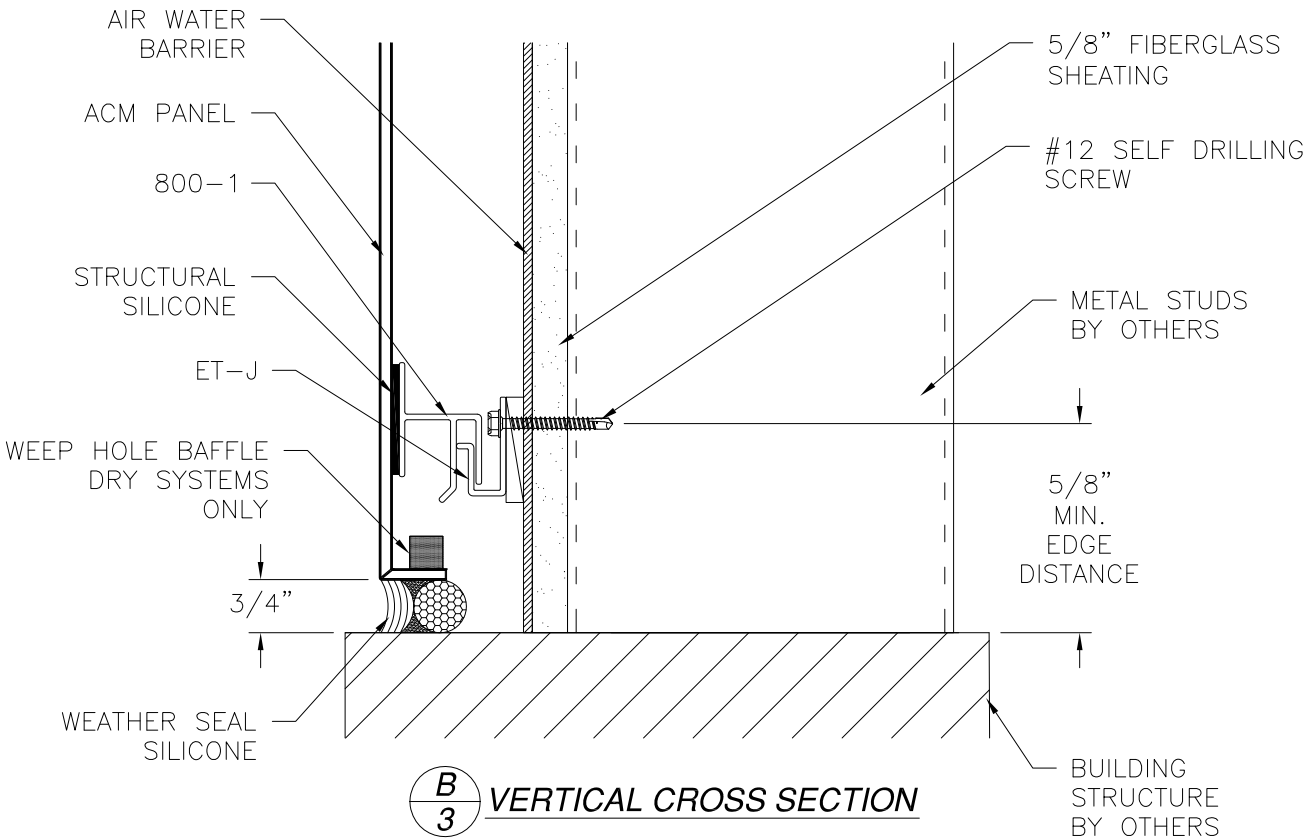


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	10/19/2022	R.L.



- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



MILLER CLAPPERTON

8050 TROON CIRCLE

AUSTELL, GA 30168

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM

NON-IMPACT

INSTALLATION DETAILS

DRAWN:

DWG NO.

REV

A.R.

08-03490

A

SCALE

DATE

SHEET

OF

NTS

10/03/19

3

6

L. ROBERTO LOMAS P.E.

400 S. PALM AVE, INDIALANTIC, FL 32903

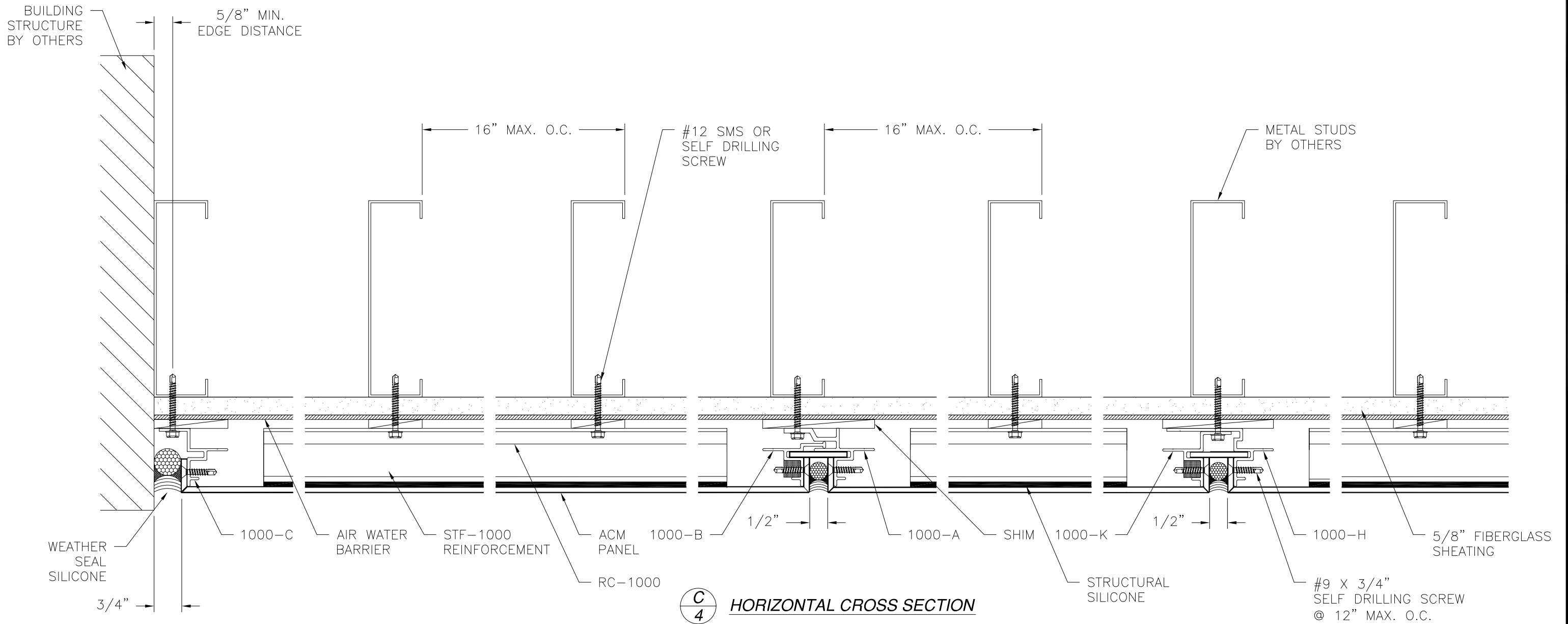
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/02/2022



Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	10/19/2022	R.L.



- NOTES:
- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 - PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

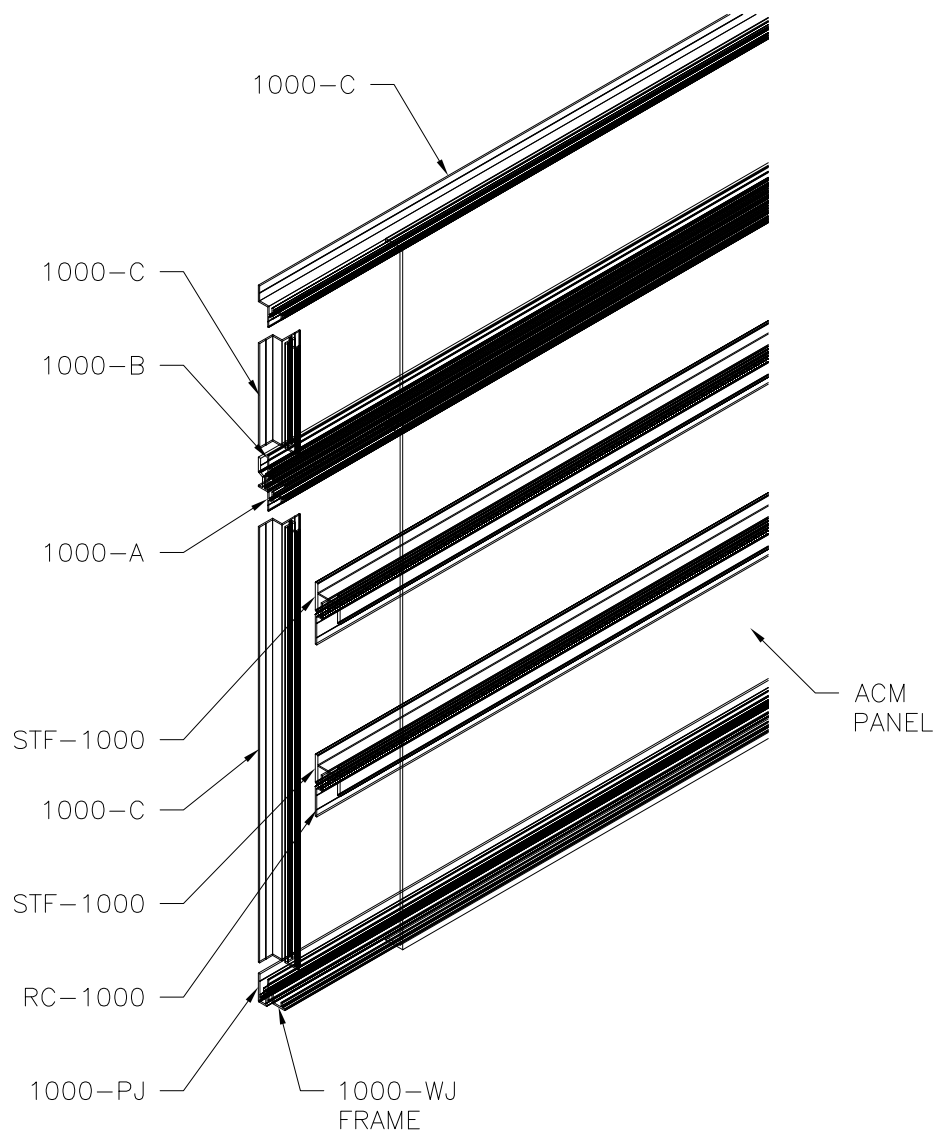
SIGNED: 11/02/2022

MILLER CLAPPERTON 8050 TROON CIRCLE AUSTELL, GA 30168		
MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM NON-IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03490	REV A
SCALE NTS	DATE 10/03/19	SHEET 4 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIAN LANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

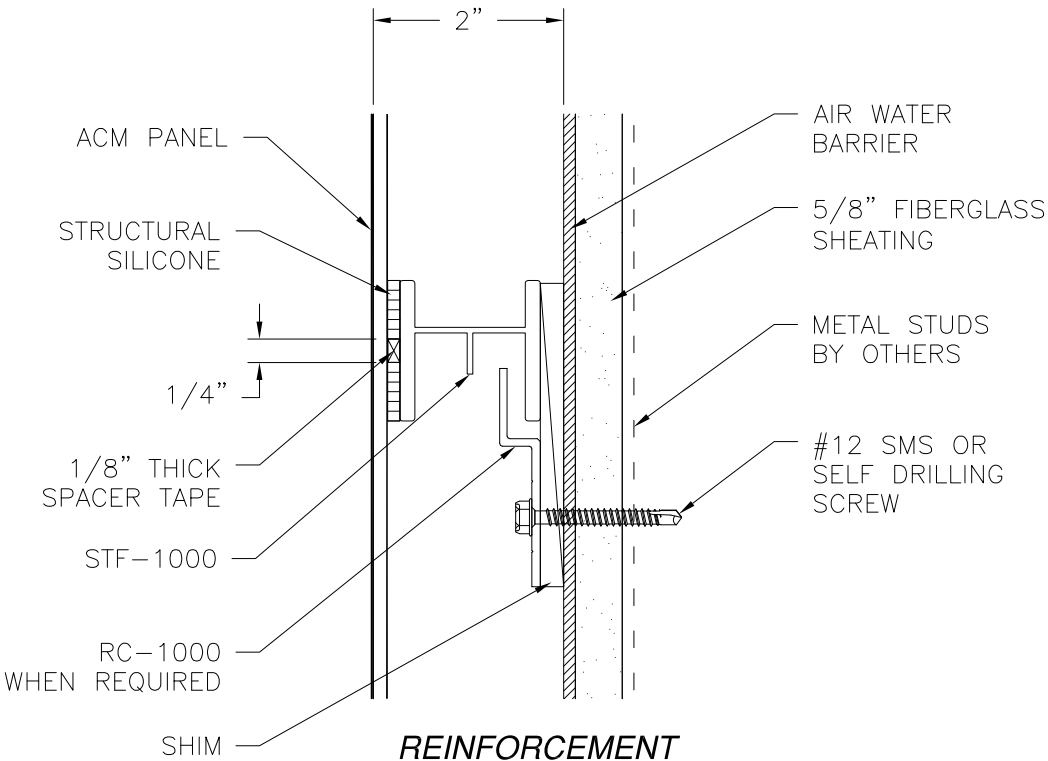


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	10/19/2022	R.L.



INSTALLATION DETAIL



REINFORCEMENT
INSTALLATION DETAIL

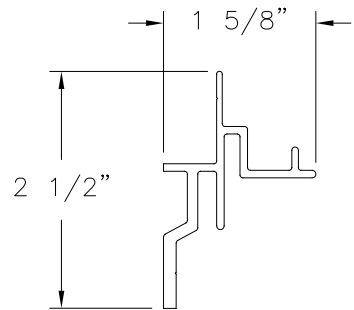
SIGNED: 11/02/2022

MILLER CLAPPERTON 8050 TROON CIRCLE AUSTELL, GA 30168		
MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM NON-IMPACT INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03490	REV A
SCALE NTS	DATE 10/03/19	SHEET 5 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

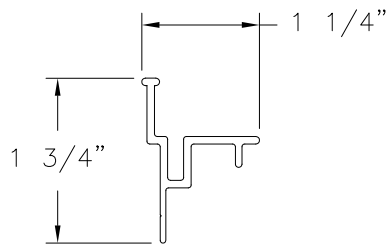


Luis R. Lomas P.E.
FL No.: 62514

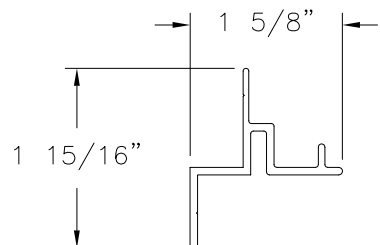
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	10/19/2022	R.L.



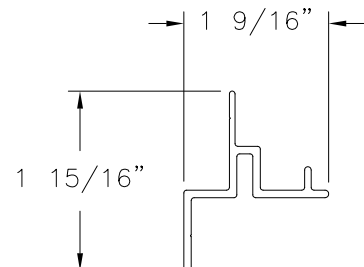
1000-A
ALUMINUM 6005A-T6 (.080" THICK)



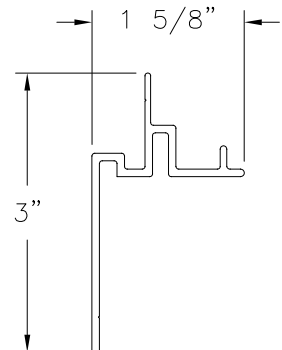
1000-B
ALUMINUM 6005A-T6 (.080" THICK)



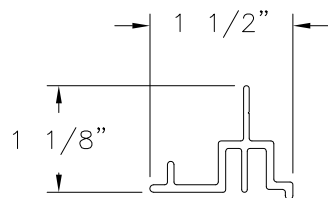
1000-C
ALUMINUM 6005A-T6 (.080" THICK)



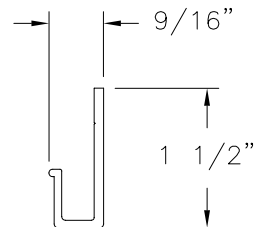
1000-K
ALUMINUM 6005A-T6 (.080" THICK)



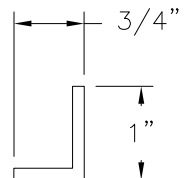
1000-H
ALUMINUM 6005A-T6 (.080" THICK)



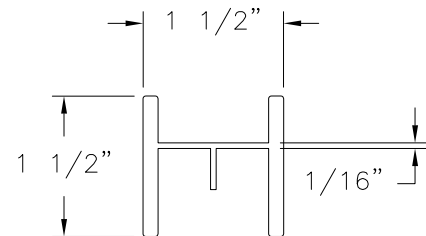
1000-PJ
ALUMINUM 6005A-T6 (.080" THICK)



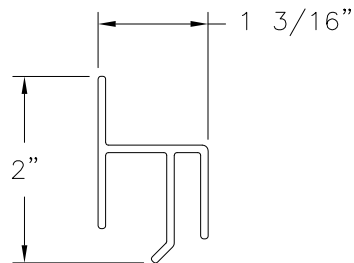
1000-WJ
ALUMINUM 6005A-T6 (.100" THICK)



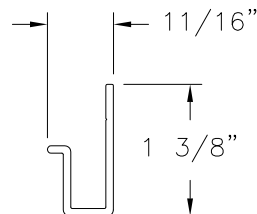
ET-Q
ALUMINUM 6063-T6 (.125" THICK)



STF-1000
ALUMINUM 6063-T6 (.160" THICK)



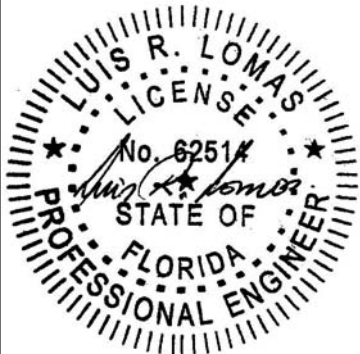
800-1
ALUMINUM 6063-T6 (.080" THICK)



ET-J
ALUMINUM 6063-T6 (.080" THICK)

SIGNED: 11/02/2022

MILLER CLAPPERTON 8050 TROON CIRCLE AUSTELL, GA 30168		
MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM NON-IMPACT COMPONENTS		
DRAWN: A.R.	DWG NO. 08-03490	REV A
SCALE NTS	DATE 10/03/19	SHEET 6 OF 6
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



Luis R. Lomas P.E.
FL No.: 62514