

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATE 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 INCLUDING THE HVHZ.
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. PLATE MATERIAL: 0.125” THICK 3003–H14 ALUMINUM.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT 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

SIGNED: 11/03/2022

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MILLER CLAPPERTON
8050 TROON CIRCLE
AUSTELL, GA 30168

3150 ALUMINUM PLATE WALL PANEL SYSTEM
IMPACT – HVHZ
NOTES

DRAWN:
A.R.

DWG NO.
08–03491

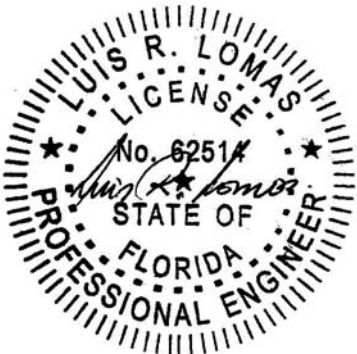
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SCALE NTS

DATE 10/03/19

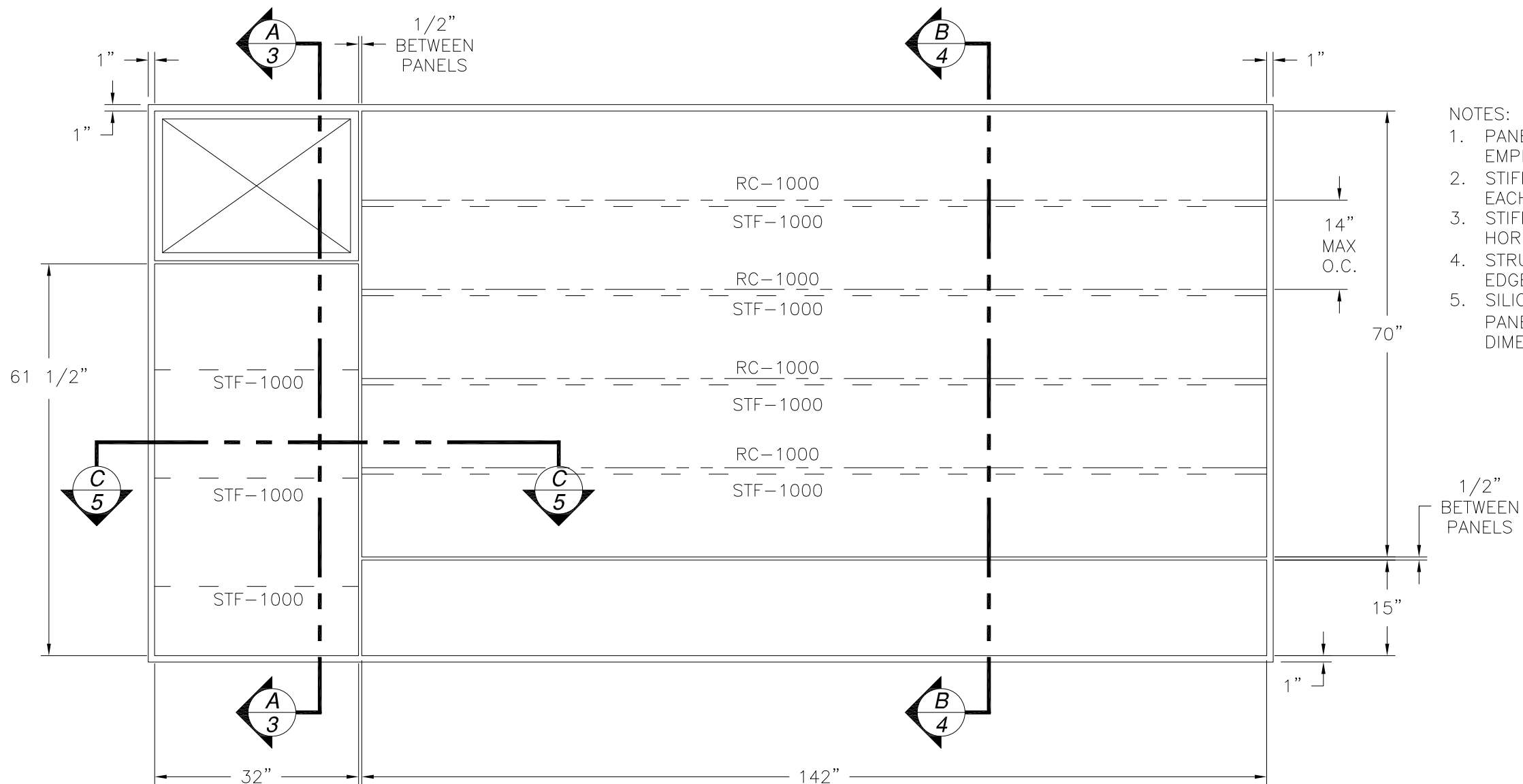
SHEET 1 OF 7

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- NOTES:
1. PANELS WITH SHORT SIDES THAT EXCEED 15" MUST EMPLOY STIFFENERS.
 2. STIFFENERS ARE TO BE LOCATED 14" 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.
 5. SILICONES AND STIFFENERS WOULD NOT BE USED FOR PANELS SMALLER THAN 14" IN THE NARROW DIMENSION.

3150 METAL WALL PANEL SYSTEM
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
$\pm 150.0 \text{ PSF}$	LARGE AND SMALL MISSILE IMPACT

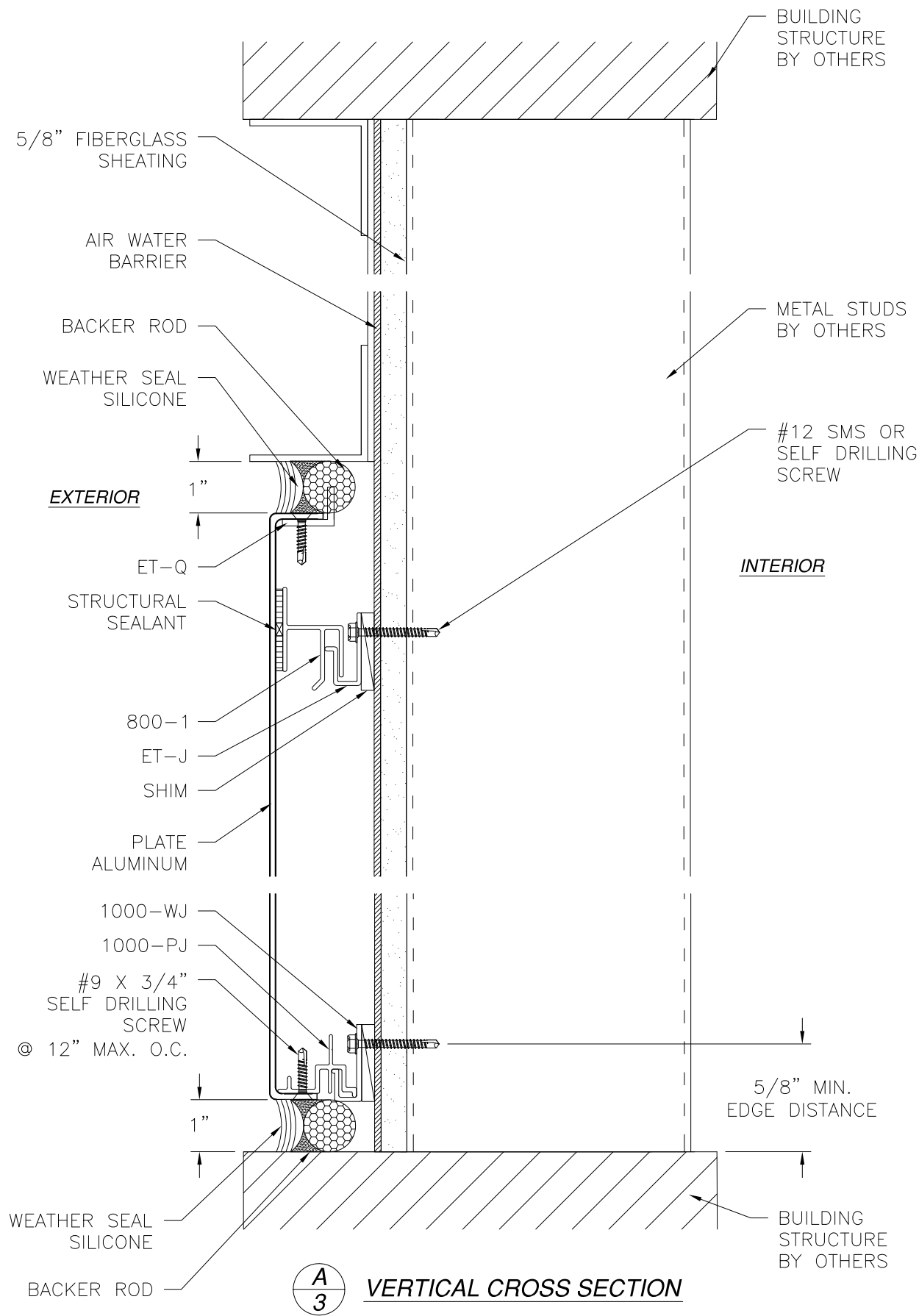
MISSILE LEVEL E, WIND ZONE 4
142" X 70" PANEL SHOWN. OTHER PANEL SIZES ARE APPROVED AS LONG AS SHORT SIDE DOES NOT EXCEED 72"

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3150 ALUMINUM PLATE WALL PANEL SYSTEM IMPACT – HVHZ ELEVATION		
DRAWN: A.R.	DWG NO. 08-03491	REV A
SCALE NTS	DATE 10/03/19	SHEET 2 OF 7
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VERTICAL CROSS SECTION

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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

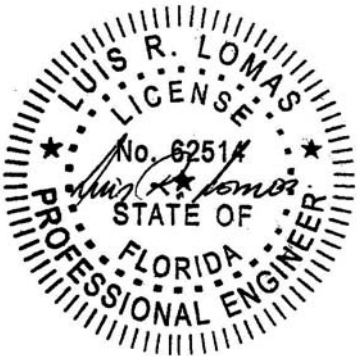
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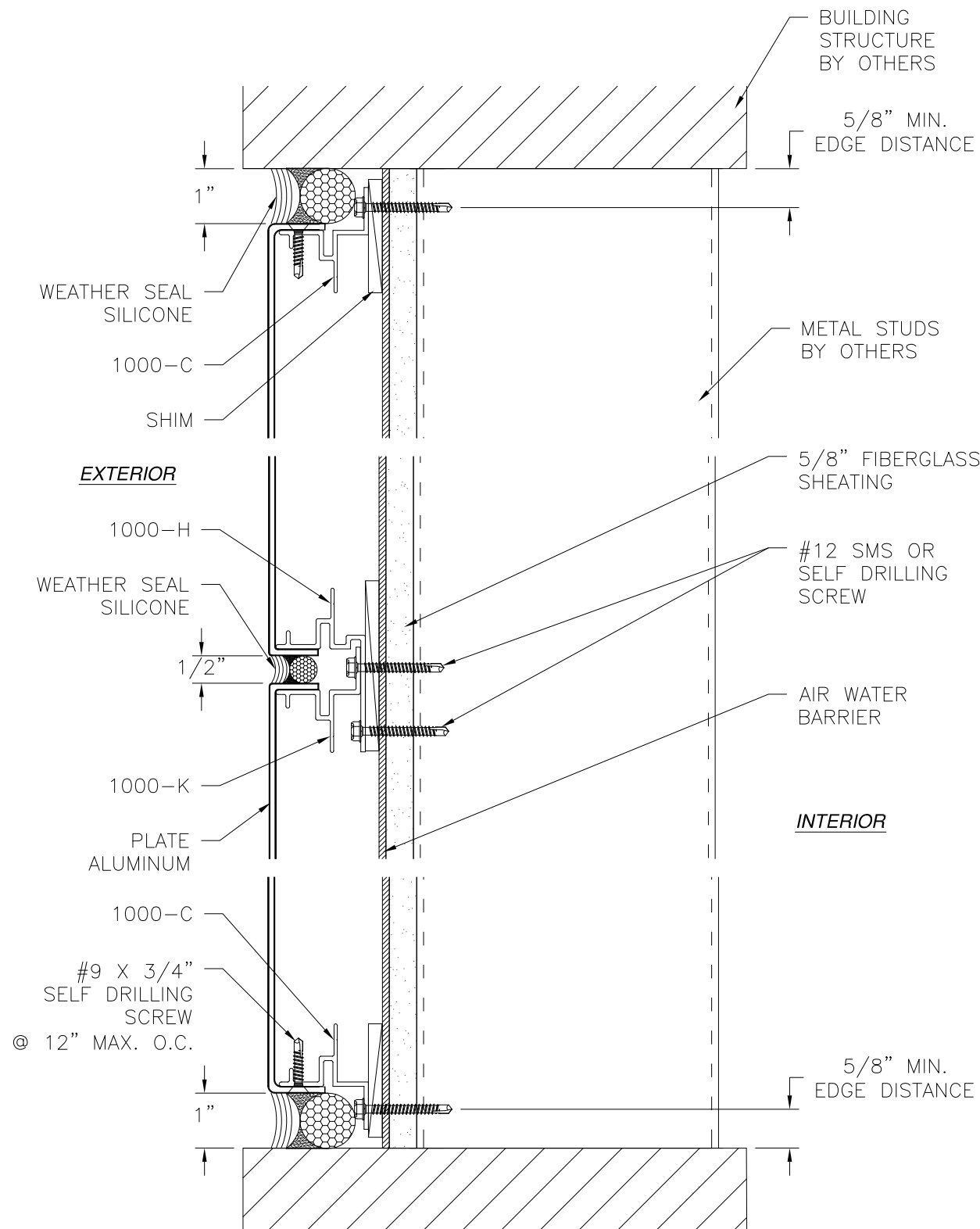
3150 ALUMINUM PLATE WALL PANEL SYSTEM
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INSTALLATION DETAILS

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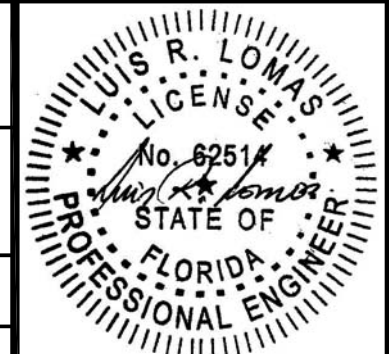
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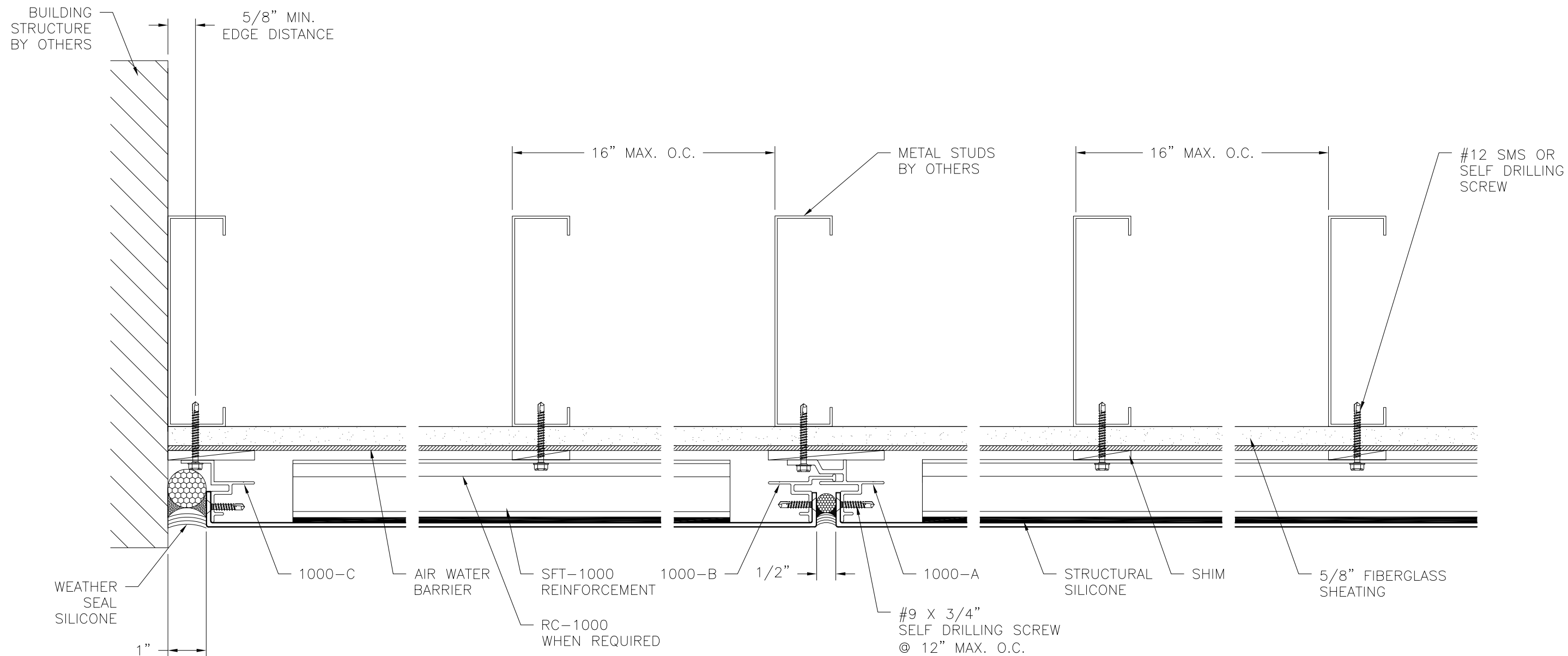
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HORIZONTAL CROSS SECTION

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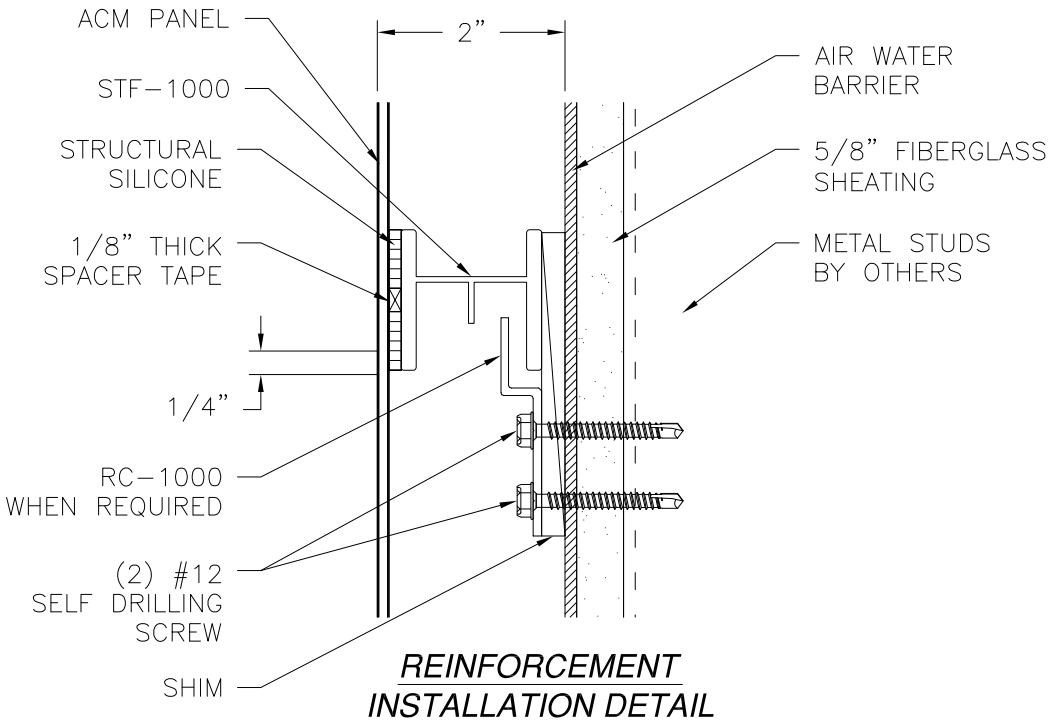
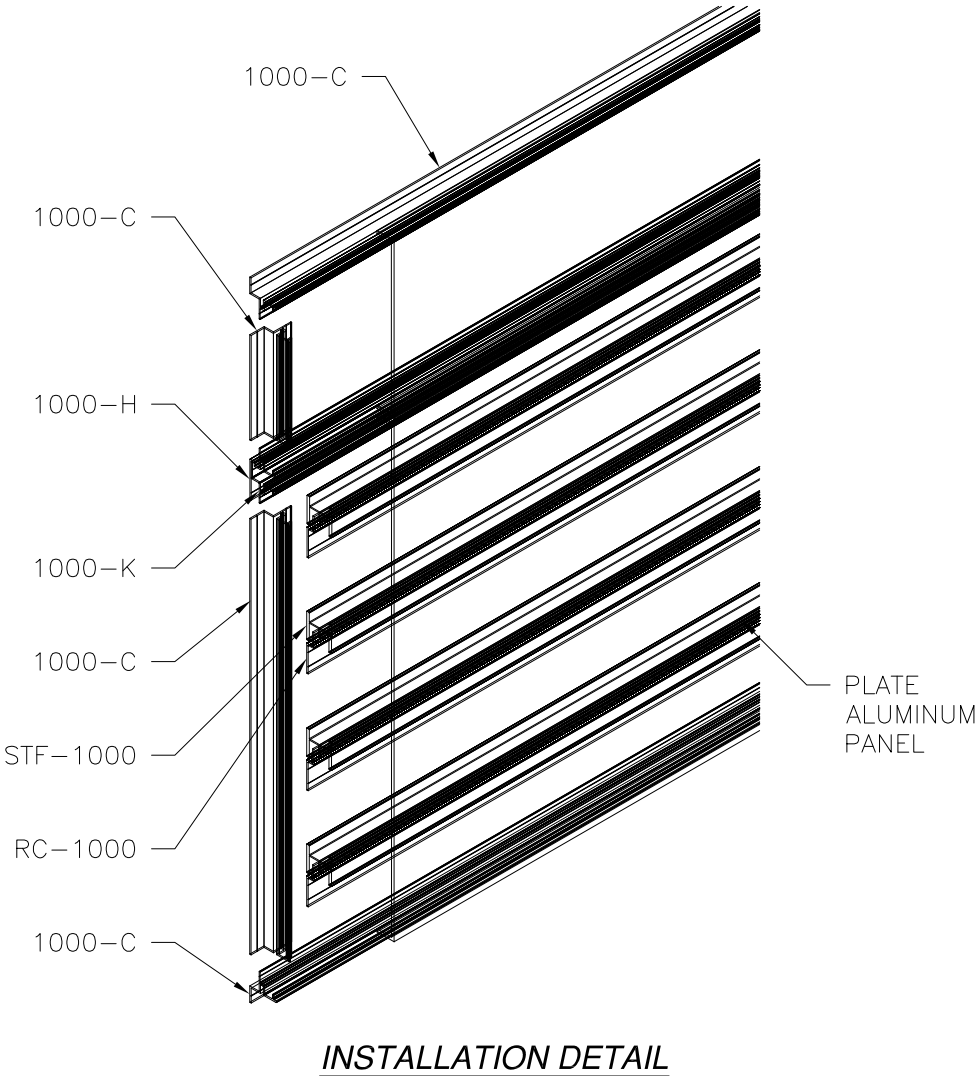
MILLER CLAPPERTON 8050 TROON CIRCLE AUSTELL, GA 30168		
3150 ALUMINUM PLATE WALL PANEL SYSTEM IMPACT - HVHZ INSTALLATION DETAILS		
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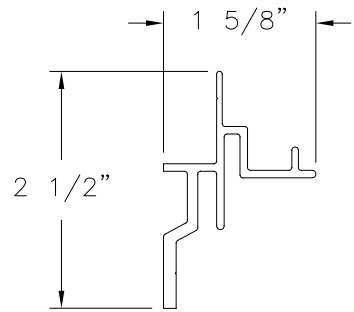
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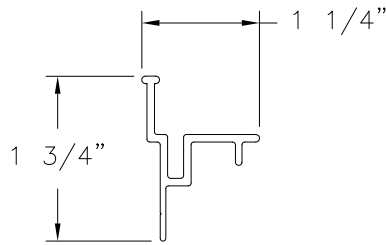


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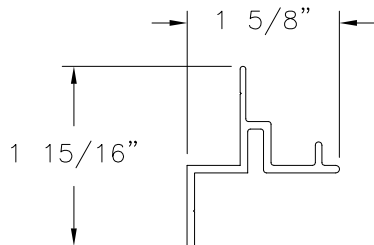
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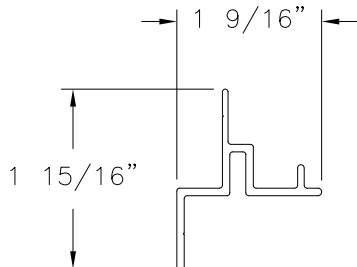
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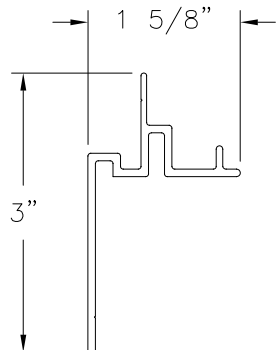
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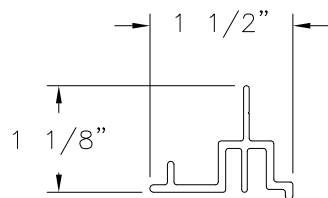
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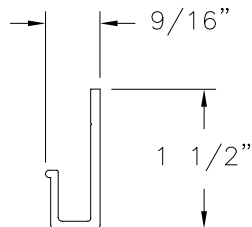
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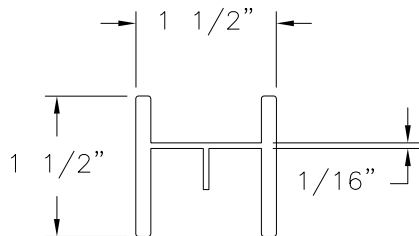
1000-H
ALUMINUM 6005A-T6 (.080" THICK)



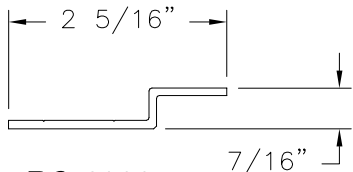
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ALUMINUM 6005A-T6 (.080" THICK)



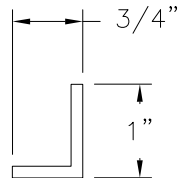
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ALUMINUM 6005A-T6 (.100" THICK)



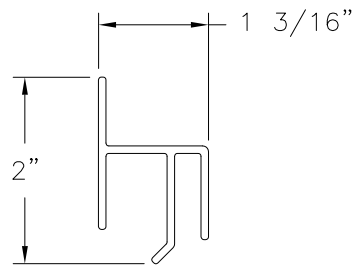
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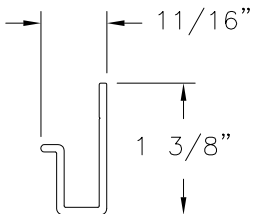
RC-1000
ALUMINUM 6063-T6 (.125" THICK)



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



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



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

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