

| 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 INCLUDING THE HVHZ.
2. CONCRETE WALL TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE WALL 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 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 3" FROM EACH END AND 12" MAX O.C. THEREAFTER AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
7. FOR ANCHORING EXTRUSIONS INTO CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/4" 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. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
11. 3/8" WEEPHOLES ARE LOCATED 2" FROM THE EDGES, 14" TO 16" ON CENTER SPACING.

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MILLERCLAPPERTON  
8050 TROON CIRCLE  
AUSTELL, GA 30168

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM  
CONCRETE INSTALLATION  
NOTES

DRAWN:  
A.R.

DWG NO.  
08-03489

REV  
A

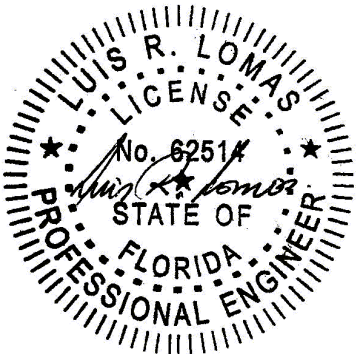
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DATE 10/02/19

SHEET 1 OF 6

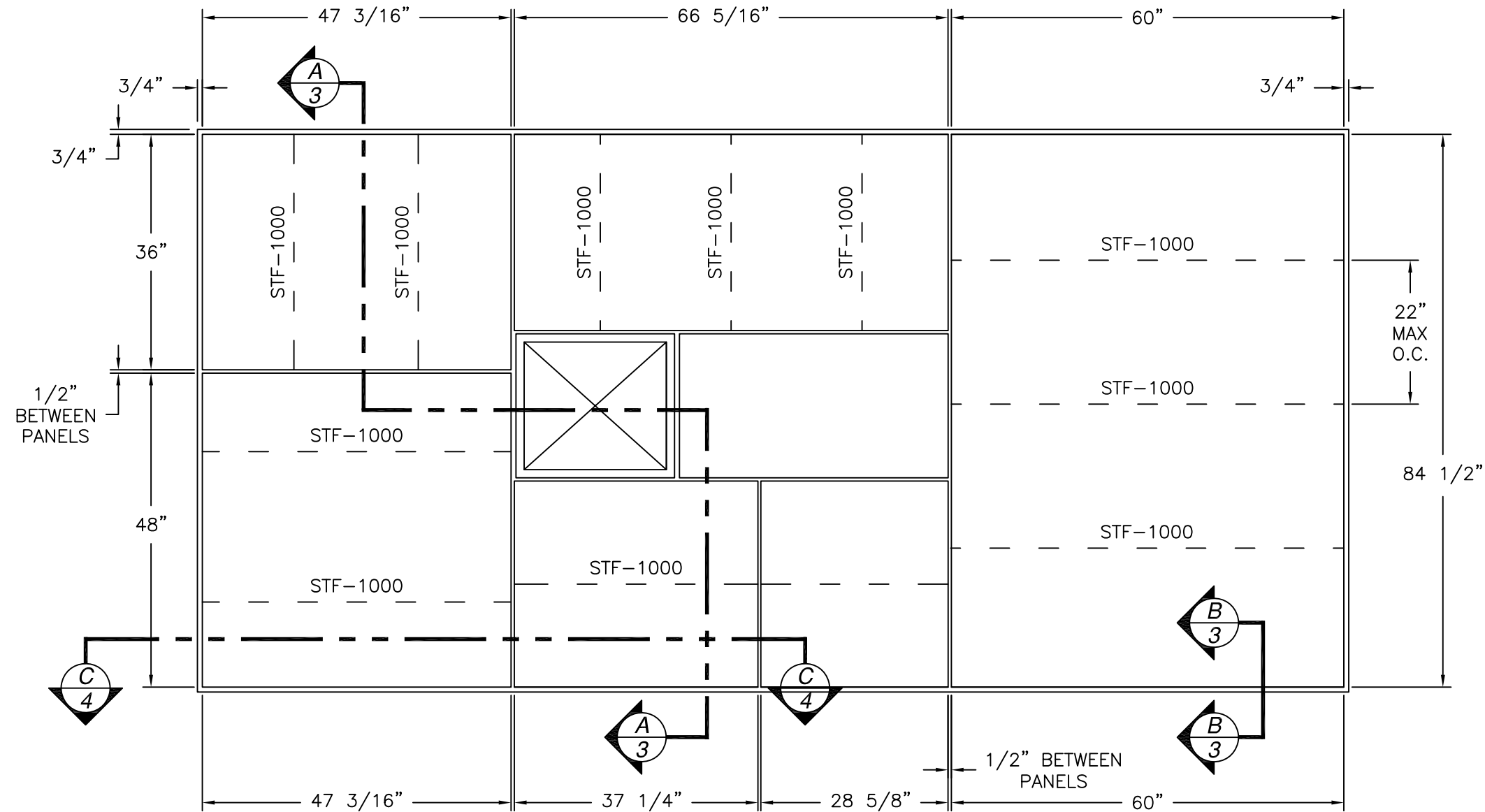
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434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/04/2026



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

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- NOTES:
- PANELS WITH SHORT SIDES THAT EXCEED 15" MUST EMPLOY STIFFENERS.
  - STIFFENERS ARE TO BE LOCATED 22" MAX O.C FROM EACH OTHER WHEN REQUIRED.
  - STIFFENERS MAY BE INSTALLED VERTICALLY OR HORIZONTALLY
  - 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                  |
|------------------------|--------------------------------|
| ±150.0PSF              | LARGE AND SMALL MISSILE IMPACT |

MISSILE LEVEL D, WIND ZONE 4  
60" X 84 1/2" PANEL SHOWN. OTHER PANEL SIZES ARE APPROVED  
AS LONG AS SHORT SIDE DOES NOT EXCEED 62"

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MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM  
CONCRETE INSTALLATION  
ELEVATION

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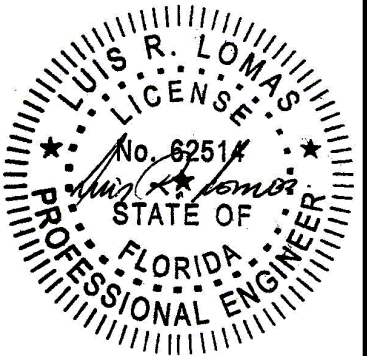
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DATE  
10/02/19

SHEET  
2 OF 6

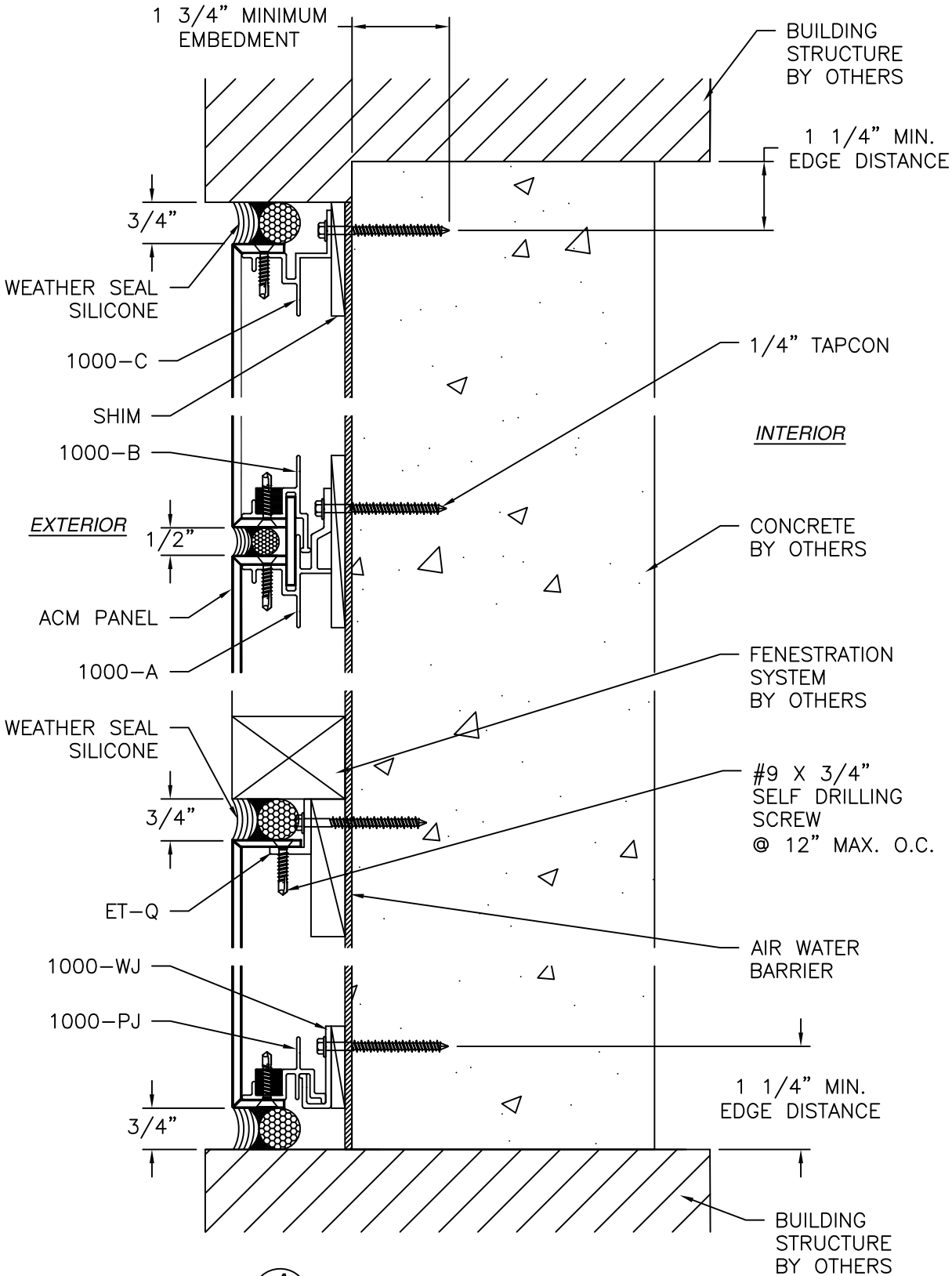
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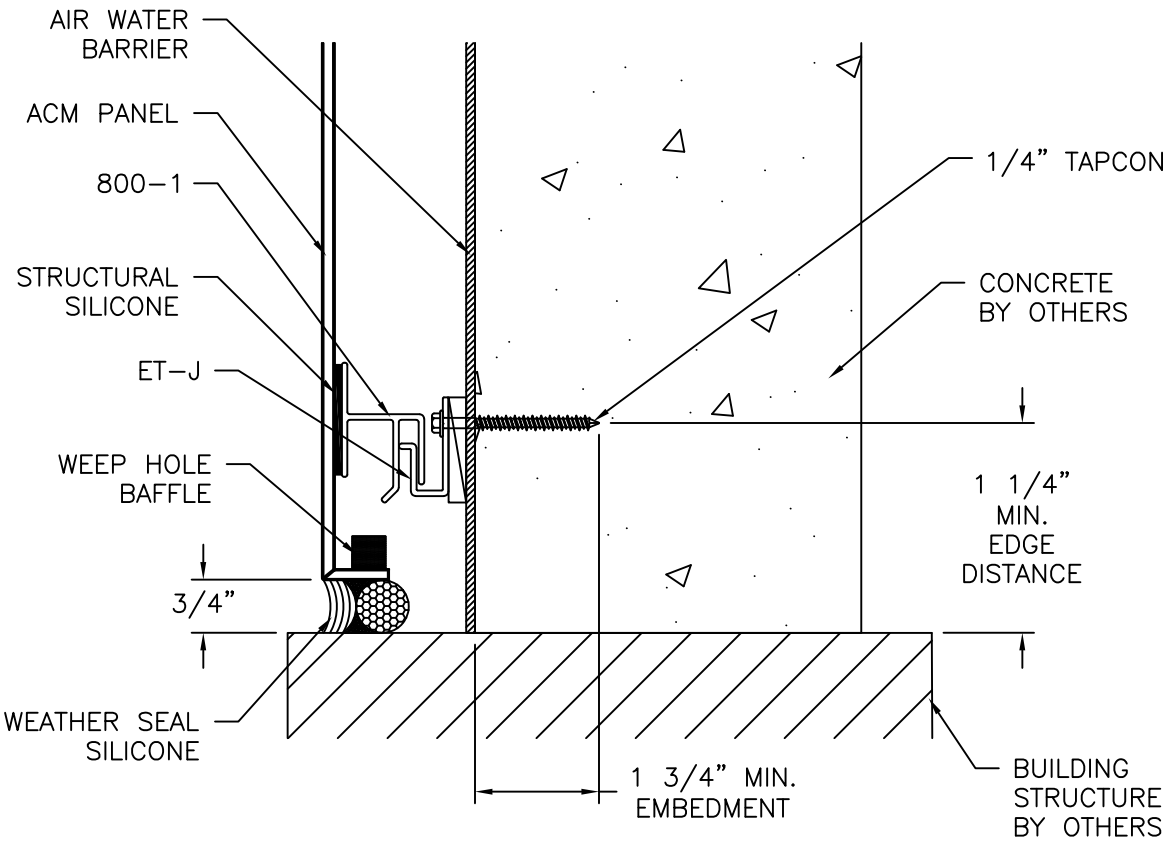


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**A**  
3  
VERTICAL CROSS SECTION



**B**  
3  
VERTICAL CROSS SECTION

- 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

SIGNED: 08/04/2026

MILLERCLAPPERTON

8050 TROON CIRCLE  
AUSTELL, GA 30168

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM

CONCRETE INSTALLATION

INSTALLATION DETAILS

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DWG NO.  
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REV  
A

SCALE  
NTS

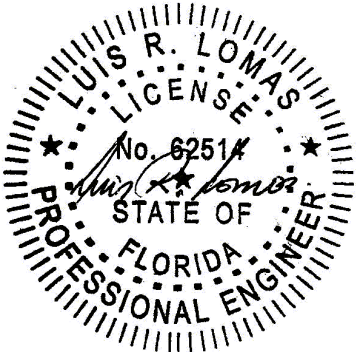
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10/02/19

SHEET  
3 OF 6

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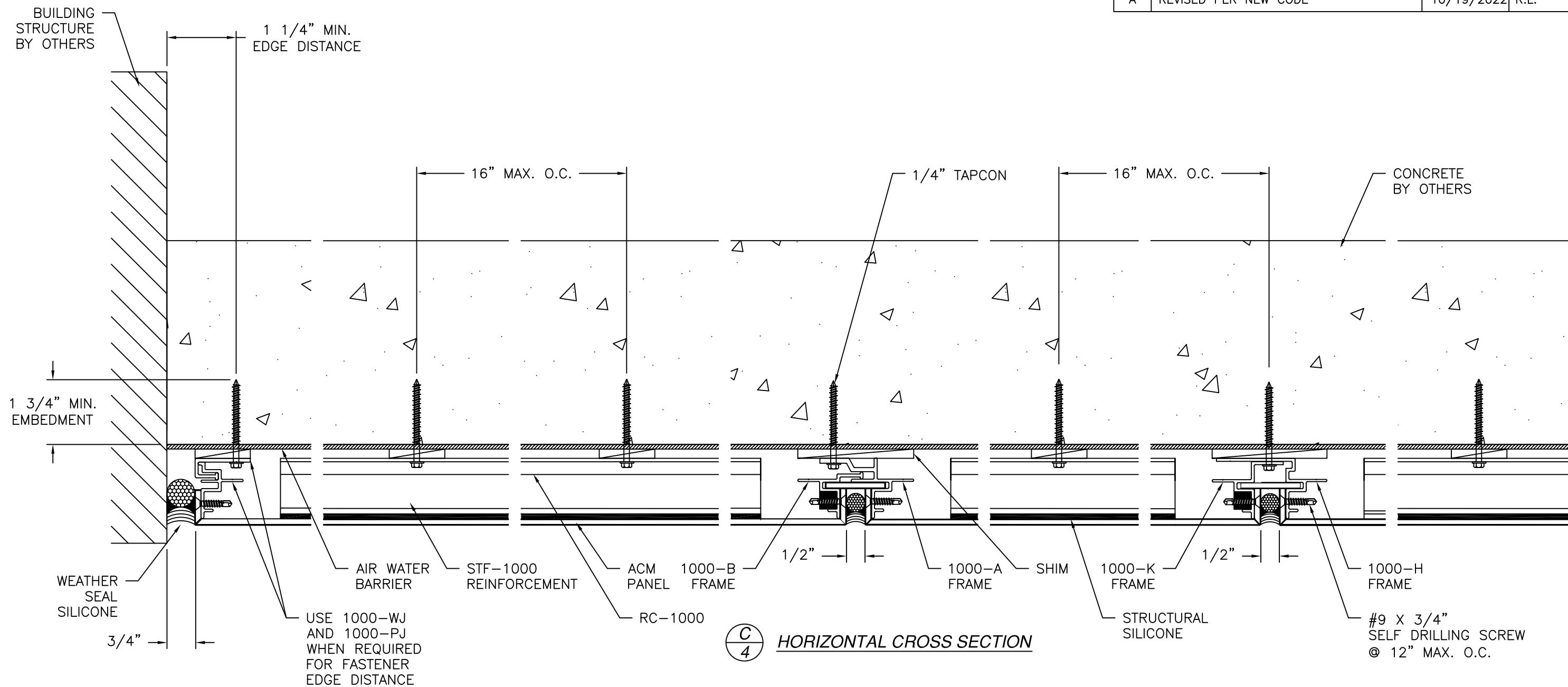
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C  
4

HORIZONTAL CROSS SECTION

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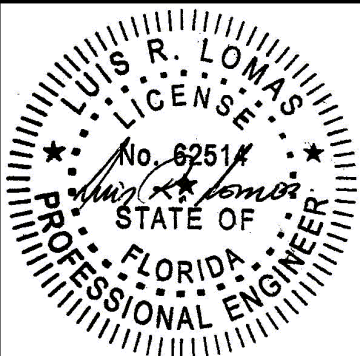
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MILLERCLAPPERTON  
8050 TROON CIRCLE  
AUSTELL, GA 30168

MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM  
CONCRETE INSTALLATION  
INSTALLATION DETAILS

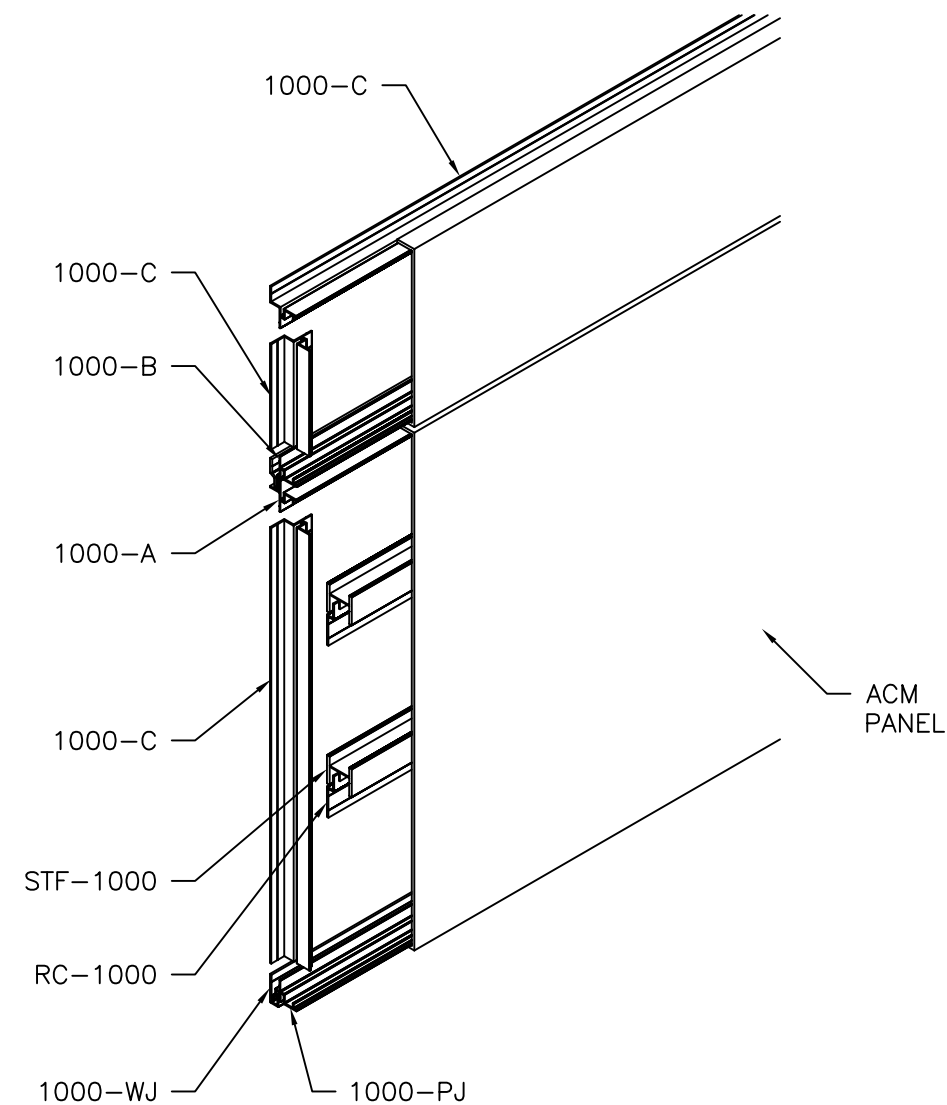
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| DRAWN:<br>A.R. | DWG NO.<br>08-03489 | REV<br>A        |
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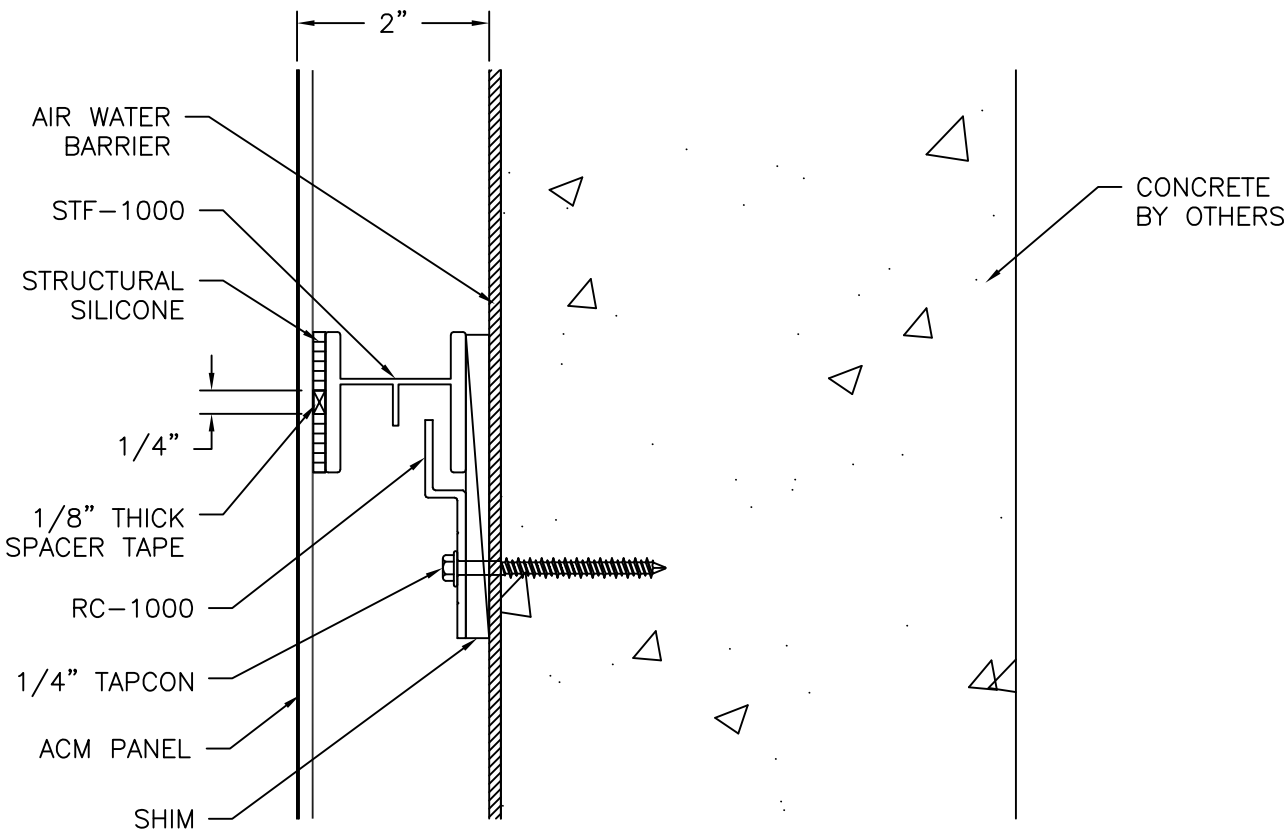


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INSTALLATION DETAIL

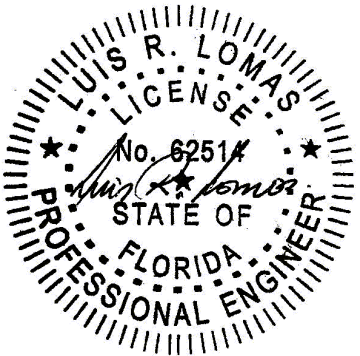


REINFORCEMENT  
INSTALLATION DETAIL

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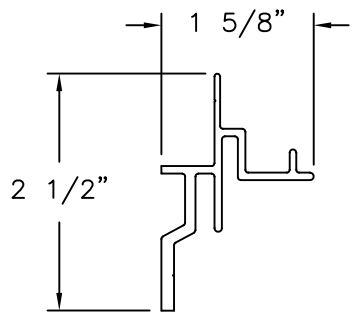
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|                                                                                                   |                     |                 |
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| MILLERCLAPPERTON<br>8050 TROON CIRCLE<br>AUSTELL, GA 30168                                        |                     |                 |
| MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM<br>CONCRETE INSTALLATION<br>INSTALLATION DETAILS         |                     |                 |
| DRAWN:<br>A.R.                                                                                    | DWG NO.<br>08-03489 | REV<br>A        |
| SCALE<br>NTS                                                                                      | DATE<br>10/02/19    | SHEET<br>5 OF 6 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                 |

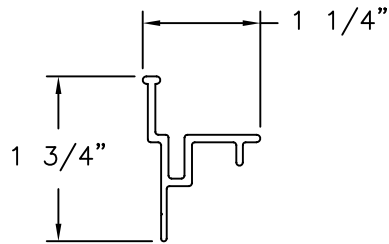


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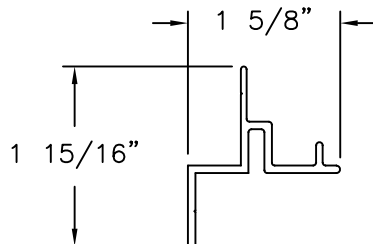
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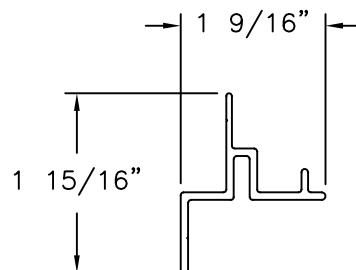
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ALUMINUM 6005A-T6 (.080" THICK)



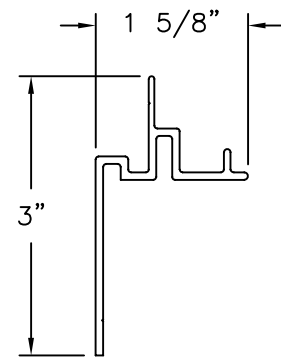
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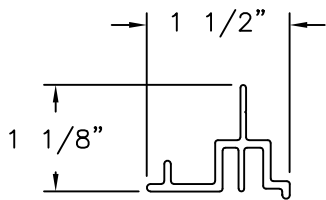
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ALUMINUM 6005A-T6 (.080" THICK)



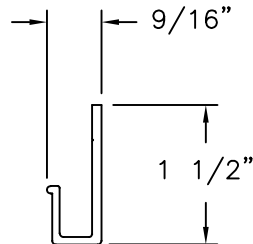
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ALUMINUM 6005A-T6 (.080" THICK)



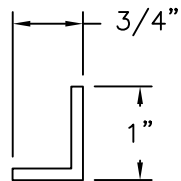
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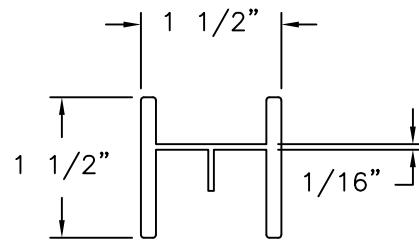
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ALUMINUM 6005A-T6 (.080" THICK)



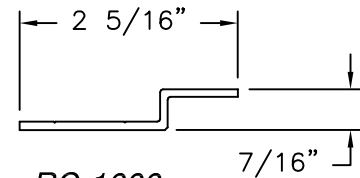
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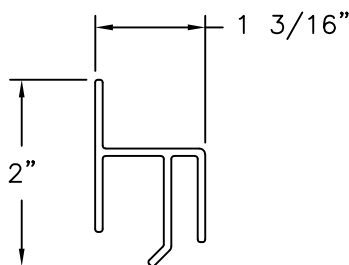
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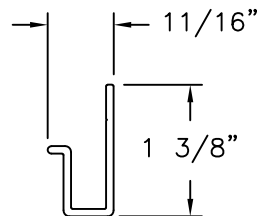
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ALUMINUM 6063-T6 (.160" THICK)



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



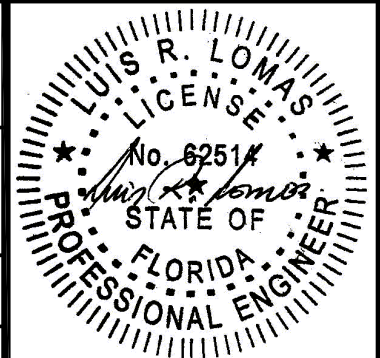
**800-1**  
ALUMINUM 6063-T6 (.080" THICK)



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

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|                                                                                                   |                     |                 |
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| MC-1000 WET/DRY SEAL ACM CLADDING SYSTEM<br>CONCRETE INSTALLATION<br>COMPONENTS                   |                     |                 |
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| SCALE<br>NTS                                                                                      | DATE<br>10/02/19    | SHEET<br>6 OF 6 |
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