

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATED PER NEW CODE	01/31/2022	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. WOOD FRAMING, METAL FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
5. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
3. SHEATHING TO BE 1/2" THICK MINIMUM AND SECURED TO FRAMING TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING STRUCTURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. PANEL THICKNESS TO BE 4MM, SEE SHEET 7 FOR DETAILS.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
6. FOR ANCHORING PANELS INTO EXTRUSIONS USE 5/32" 5052 ALUMINUM POP RIVETS. LOCATE RIVETS 3" MAX FROM EACH END AND 16" MAX O.C. THEREAFTER AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
7. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
8. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
9. FOR ANCHORING THROUGH FRAME 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.

10. ALL FASTENERS TO BE CORROSION RESISTANT.
11. 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. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .048" THICK MINIMUM
12. WEEP HOLES WITH BAFFLE ARE LOCATED 8" FROM EACH END OF BOTTOM PANELS FOR PANELS UP TO 120" IN LENGTH. PANELS LONGER THAN 120" HAVE AN ADDITIONAL WEEP HOLE WITH BAFFLE AT THE MIDSPAN OF THE PANEL.

SIGNED: 01/31/2022

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7	COMPONENTS

FAIRVIEW ARCHITECTURAL NORTH AMERICA
75 PETERS ROAD
BLOOMFIELD, CT 06002

VITRABOND FR CORE & VITRABOND G2 PANEL OVER
ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
NOTES

DRAWN:
A.R.

DWG NO.
08-03446

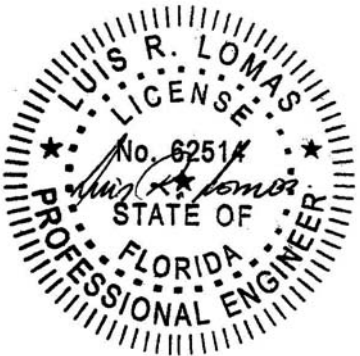
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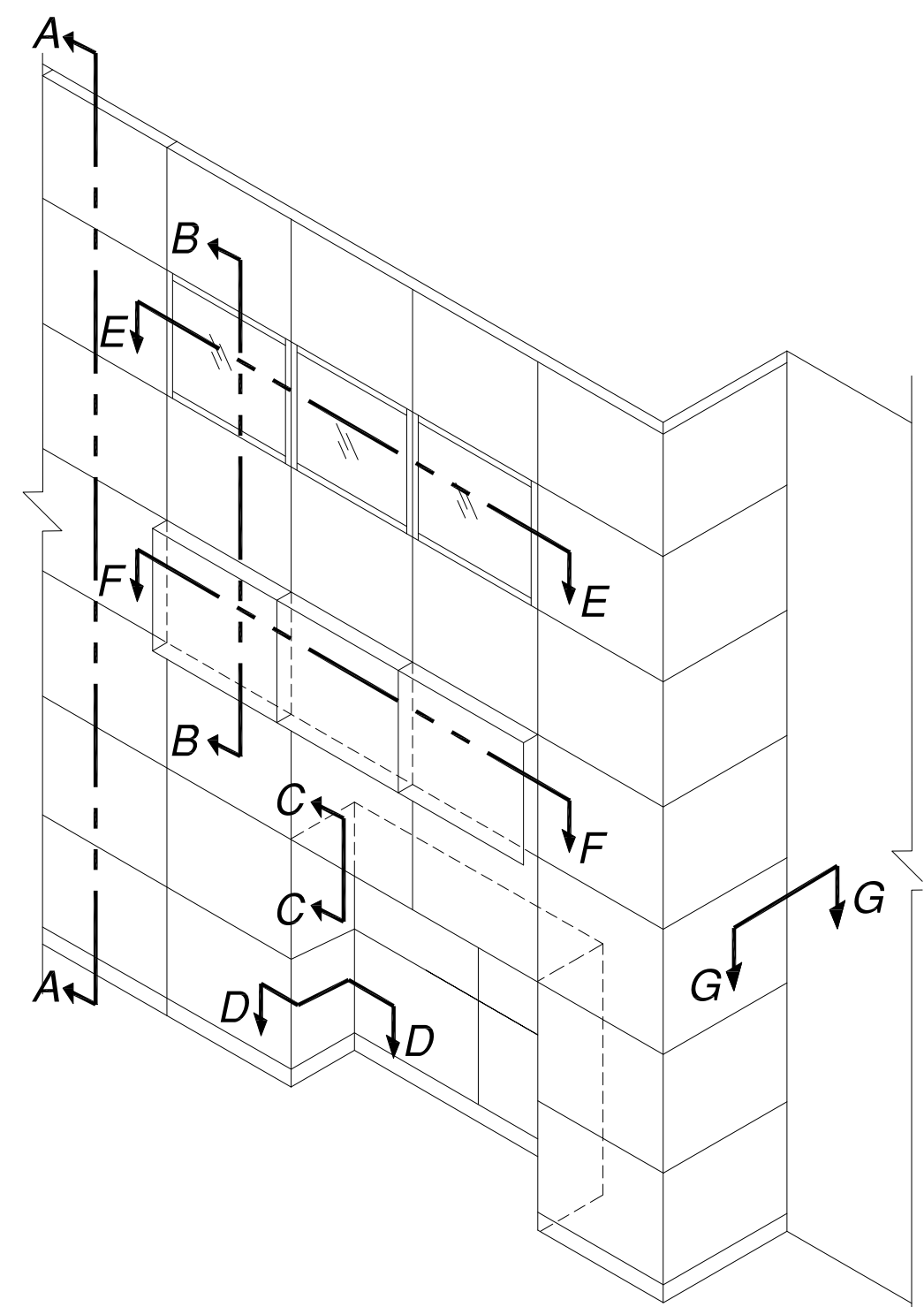
DATE 06/05/19

SHEET 1 OF 7

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Luis R. Lomas P.E.
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VITRABOND FR CORE AND VITRABOND G2 PANEL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+100.0/-150.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

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- NOTES:
- 1. VITRABOND FR CORE MAX PANEL SIZE: 192" X 60"
 - 2. VITRABOND G2 MAX PANEL SIZE: 120" X 47"

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BLOOMFIELD, CT 06002

VITRABOND FR CORE & VITRABOND G2 PANEL OVER
ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
ELEVATION

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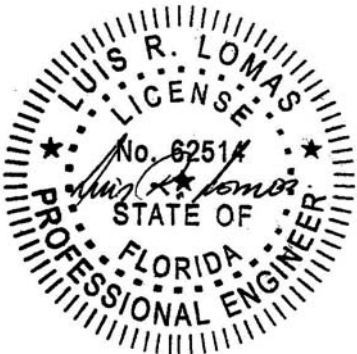
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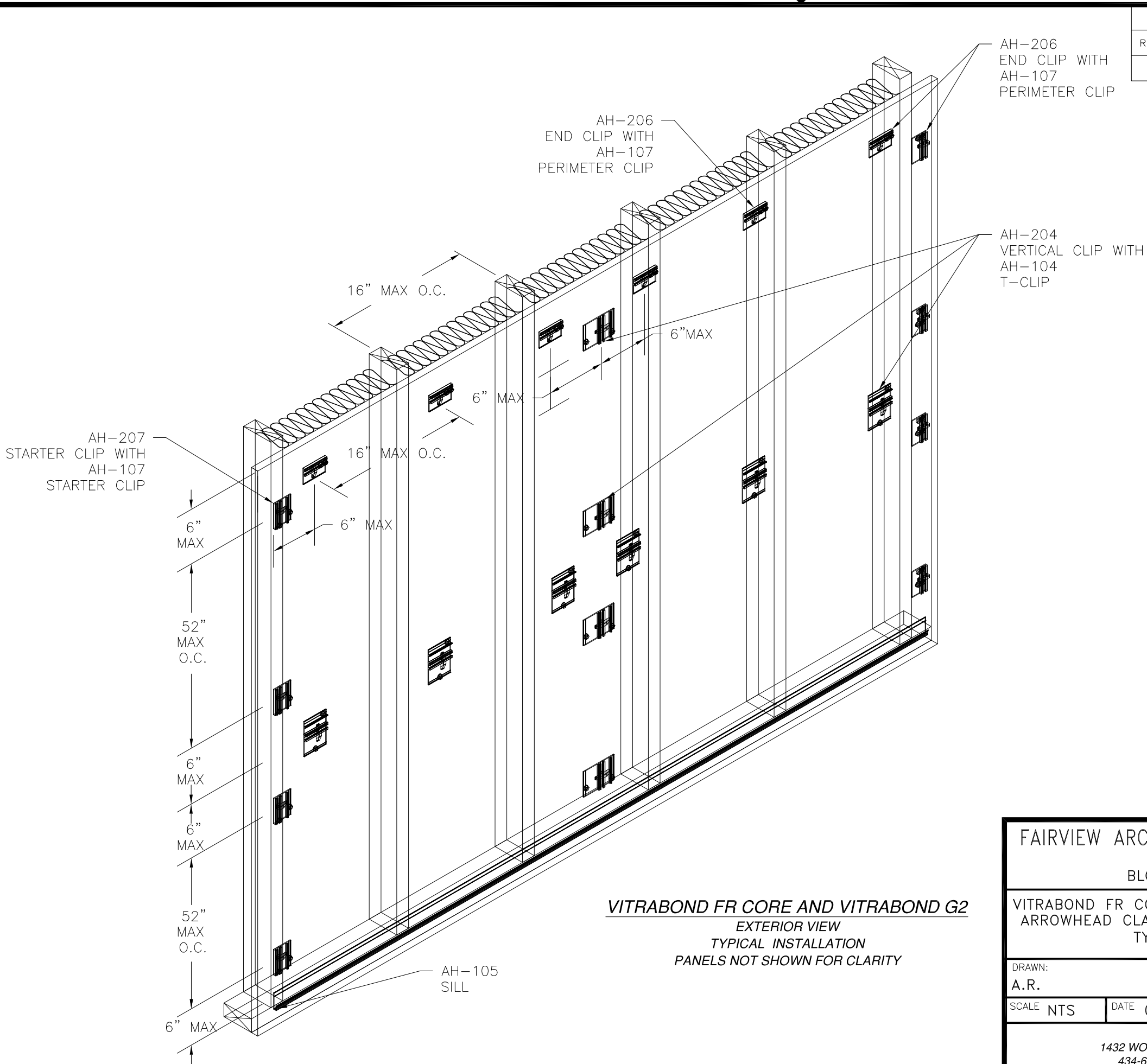
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VITRABOND FR CORE AND VITRABOND G2
EXTERIOR VIEW
TYPICAL INSTALLATION
PANELS NOT SHOWN FOR CLARITY

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75 PETERS ROAD
BLOOMFIELD, CT 06002

VITRABOND FR CORE & VITRABOND G2 PANEL OVER
ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
TYPICAL INSTALLATION

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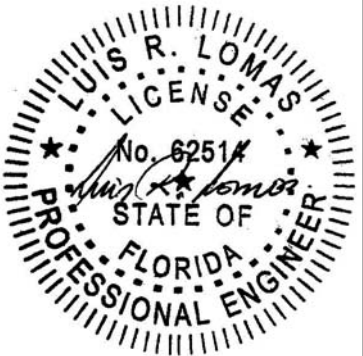
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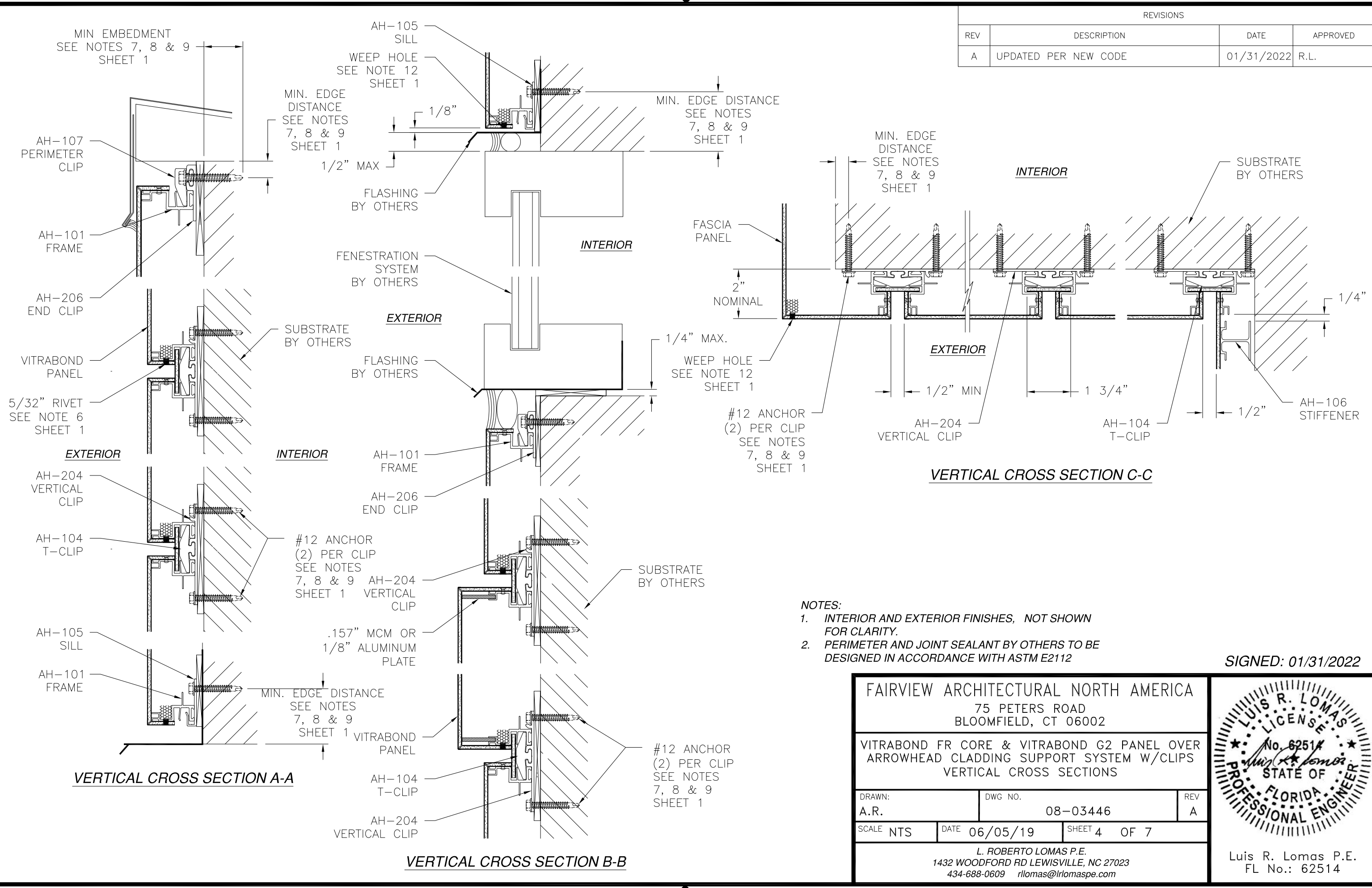
SHEET
3 OF 7

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

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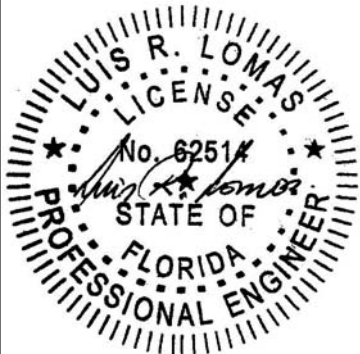
FAIRVIEW ARCHITECTURAL NORTH AMERICA

75 PETERS ROAD
BLOOMFIELD, CT 06002

VITRABOND FR CORE & VITRABOND G2 PANEL OVER
ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
VERTICAL CROSS SECTIONS

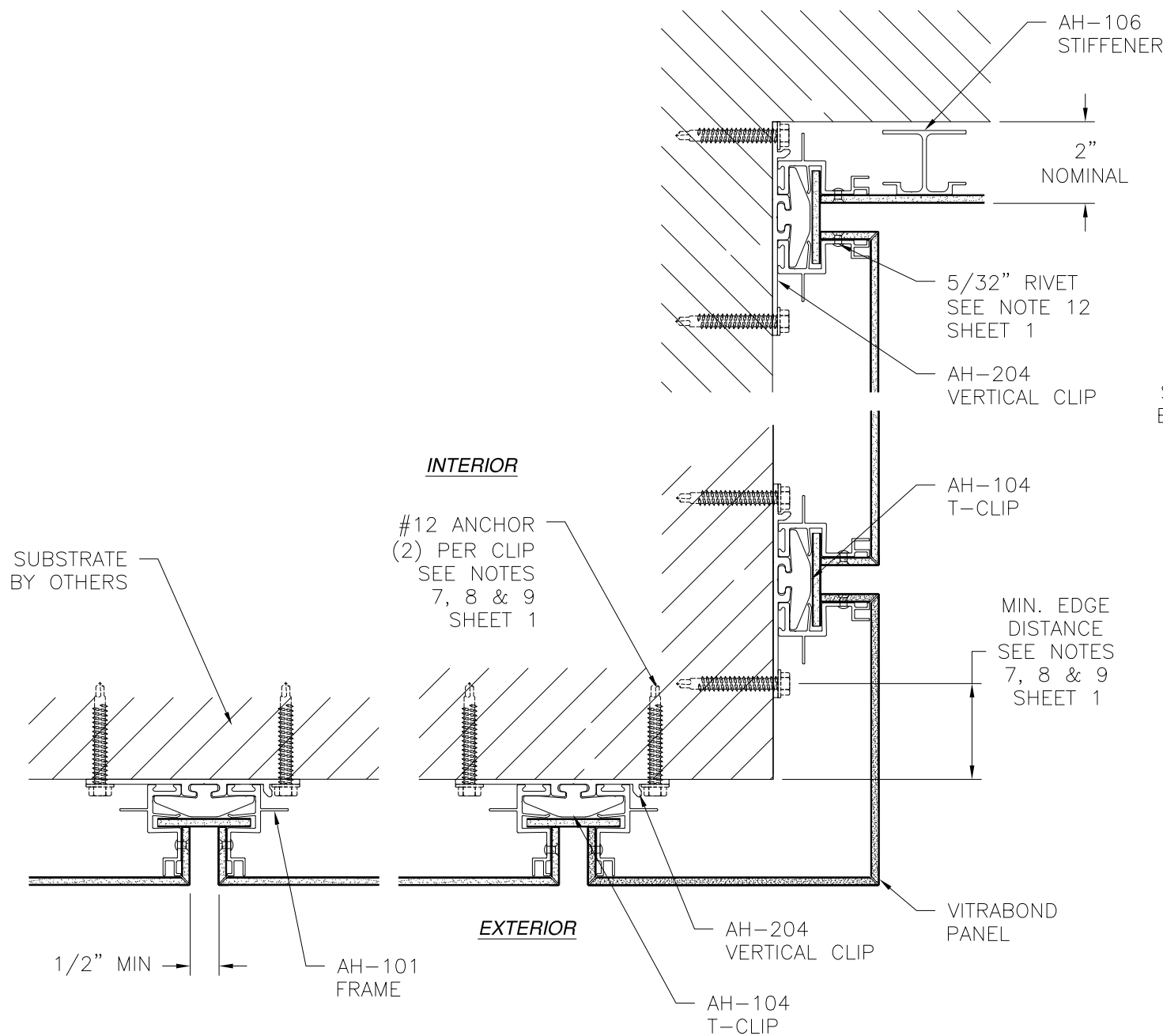
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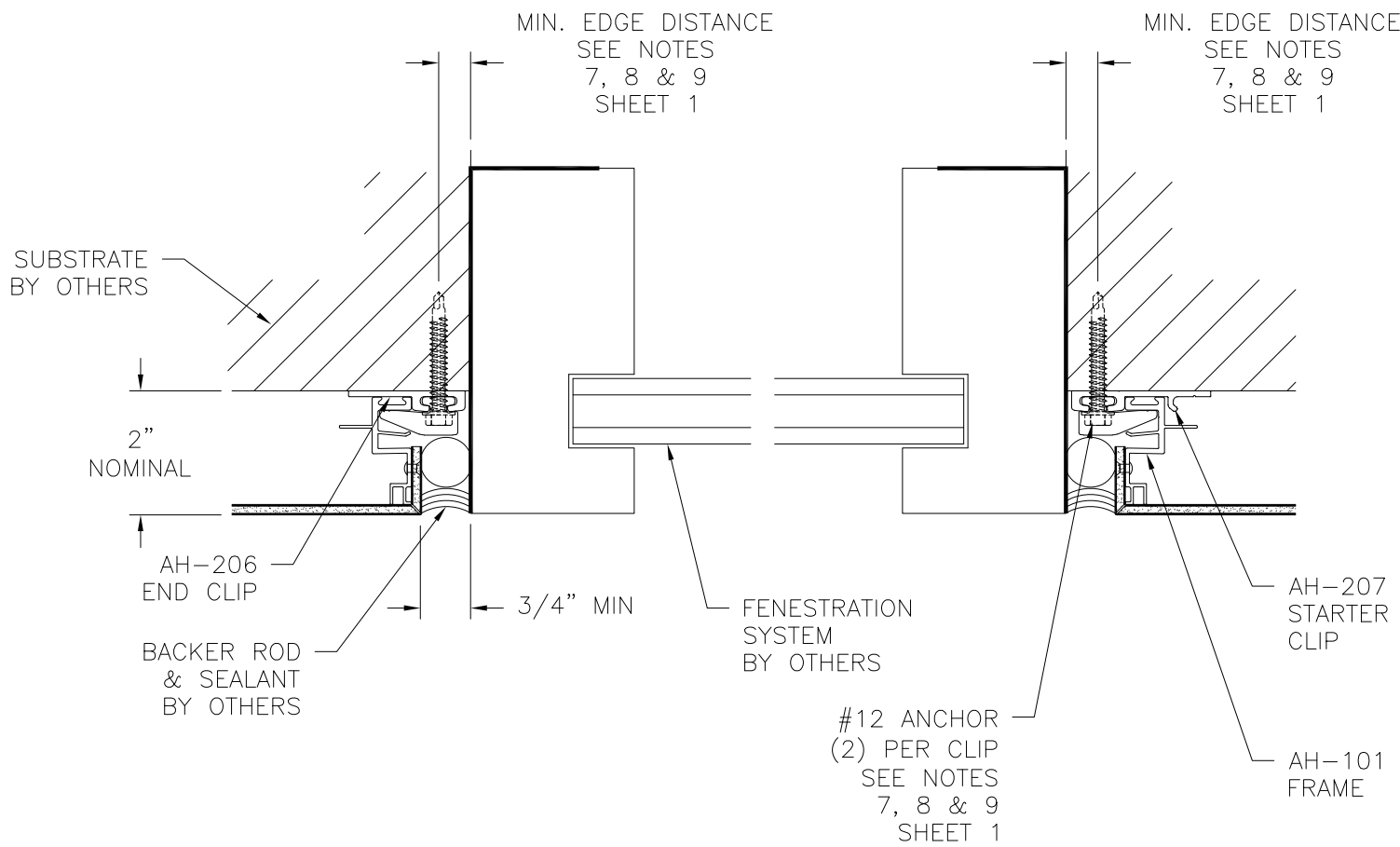


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HORIZONTAL CROSS SECTION D-D



HORIZONTAL CROSS SECTION E-E

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75 PETERS ROAD
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VITRABOND FR CORE & VITRABOND G2 PANEL OVER
ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
HORIZONTAL CROSS SECTIONS

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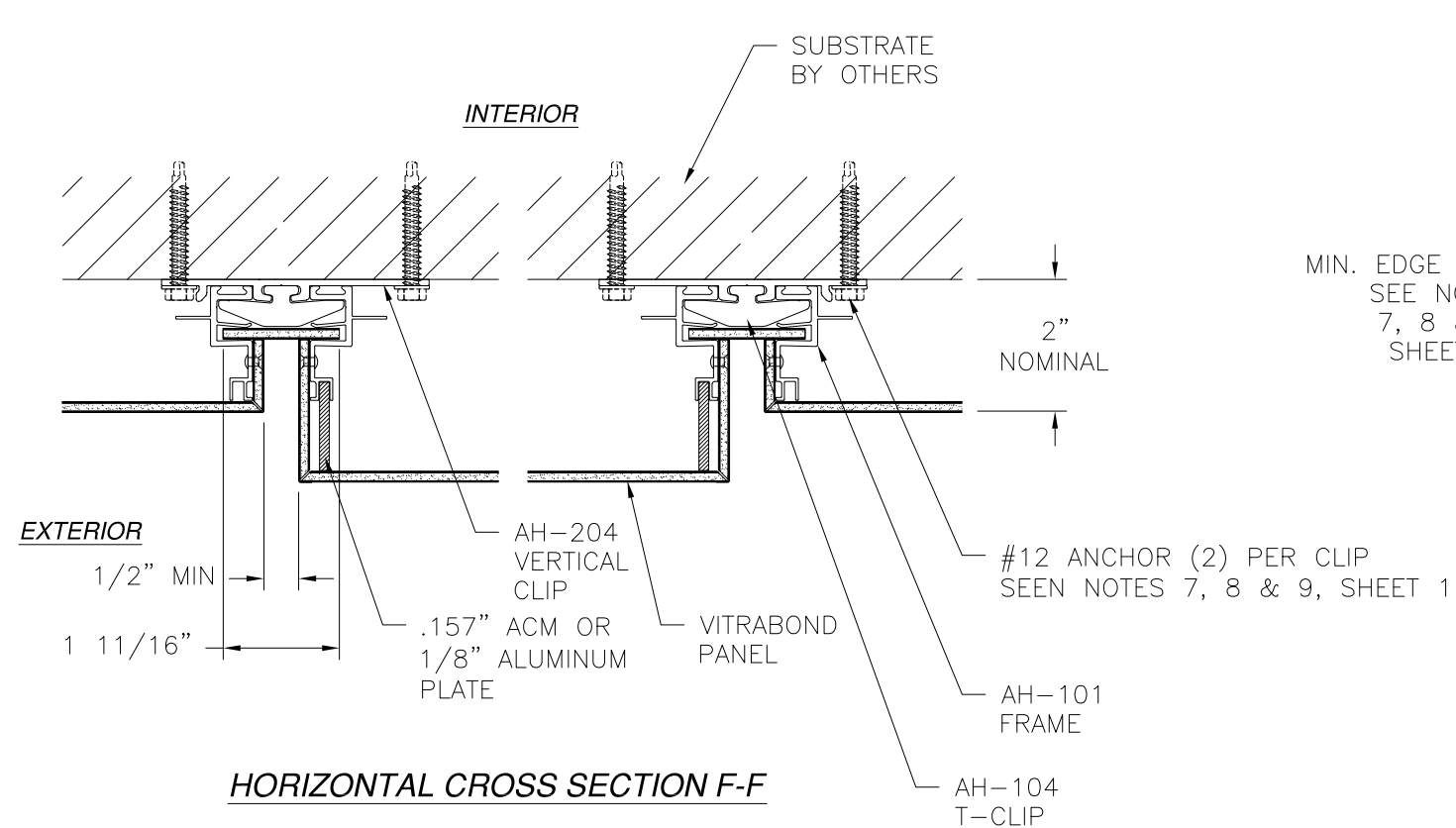
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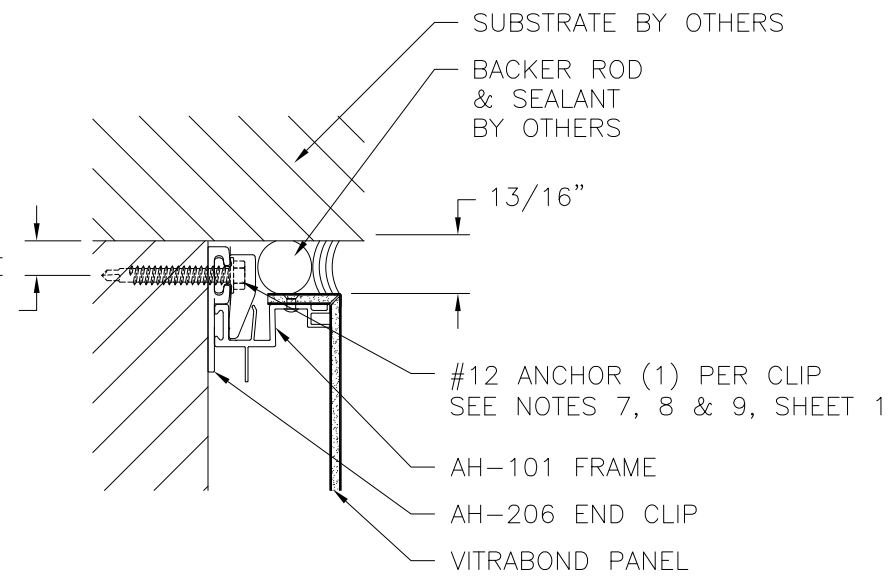


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HORIZONTAL CROSS SECTION F-F



HORIZONTAL CROSS SECTION G-G

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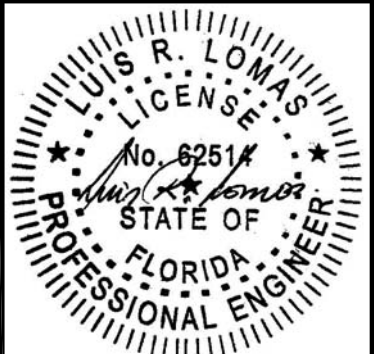
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75 PETERS ROAD
BLOOMFIELD, CT 06002

VITRABOND FR CORE & VITRABOND G2 PANEL OVER
ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
HORIZONTAL CROSS SECTIONS

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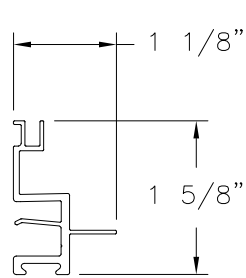
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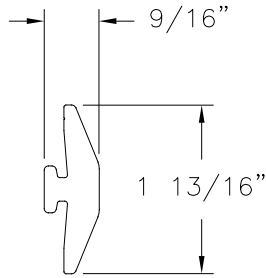


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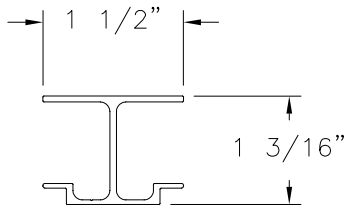
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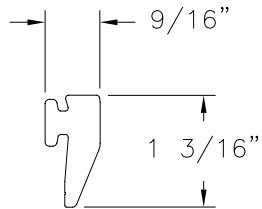
AH-101 FRAME
6063-T6 ALUMINUM (.090" THICK)



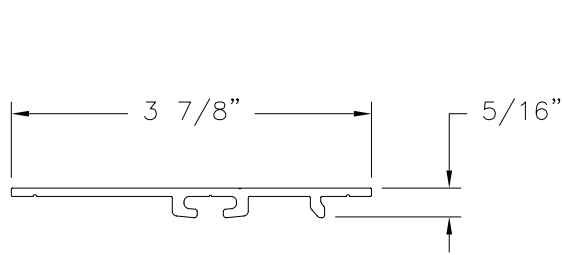
AH-104 T-CLIP
6063-T6 ALUMINUM (.250" THICK)



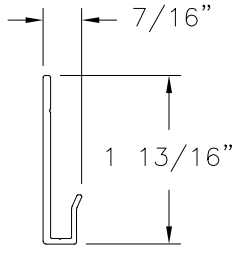
AH-106 STIFFENER
6063-T6 ALUMINUM (.070" THICK)



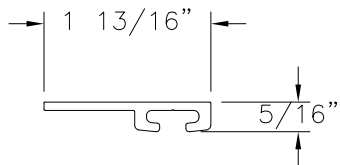
AH-107 PERIMETER CLIP
6063-T6 ALUMINUM (.250" THICK)



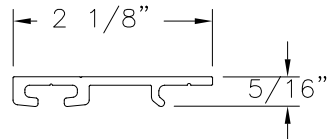
AH-204 VERTICAL CLIP
6063-T6 ALUMINUM (.090" THICK)



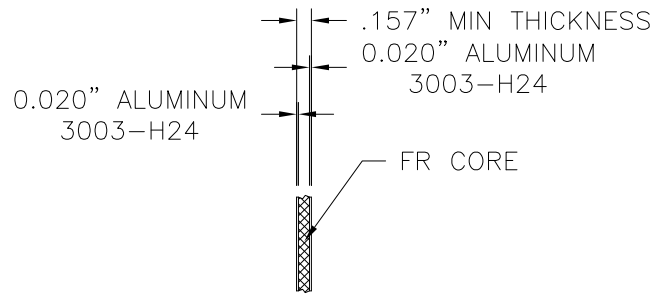
AH-105 SILL
6063-T6 ALUMINUM (.090" THICK)



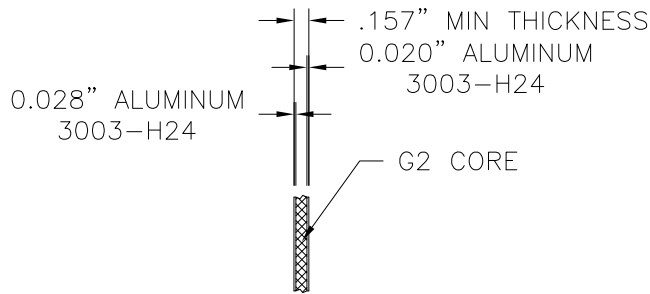
AH-206 END CLIP
6063-T6 ALUMINUM (.090" THICK)



AH-207 STARTER CLIP
6063-T6 ALUMINUM (.090" THICK)



VITRABOND FR CORE
MCM PANEL



VITRABOND G2
MCM PANEL

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ARROWHEAD CLADDING SUPPORT SYSTEM W/CLIPS
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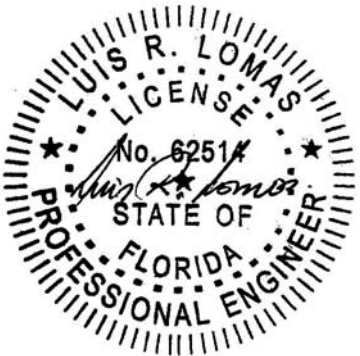
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