

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	12/30/23	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 STRUCTURE 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. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.

4. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.

5. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".

6. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.

7. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.

8. FRAME MATERIAL: ALUMINUM 6063-T5.

9. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 5/16" LAG BOLT WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

11. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

12. FOR ANCHORING INTO METAL FRAMING USE #14 SELF DRILLING SCREW WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

13. ALL FASTENERS TO BE CORROSION RESISTANT.

14. 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:

14.A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

14.B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

14.C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM. GROUT FILLED.

14.D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .094" THICK MINIMUM

SIGNED: 01/02/2024

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TAPCO INCORPORATED
1815 McCULLOUGH BLVD.
TUPELO, MS 38801

SERIES 950 PATIO SCREEN MULLED
LARGE AND SMALL MISSILE IMPACT HVHZ
NOTES

DRAWN:
A.R.

DWG NO.
08-03500

REV
A

SCALE NTS

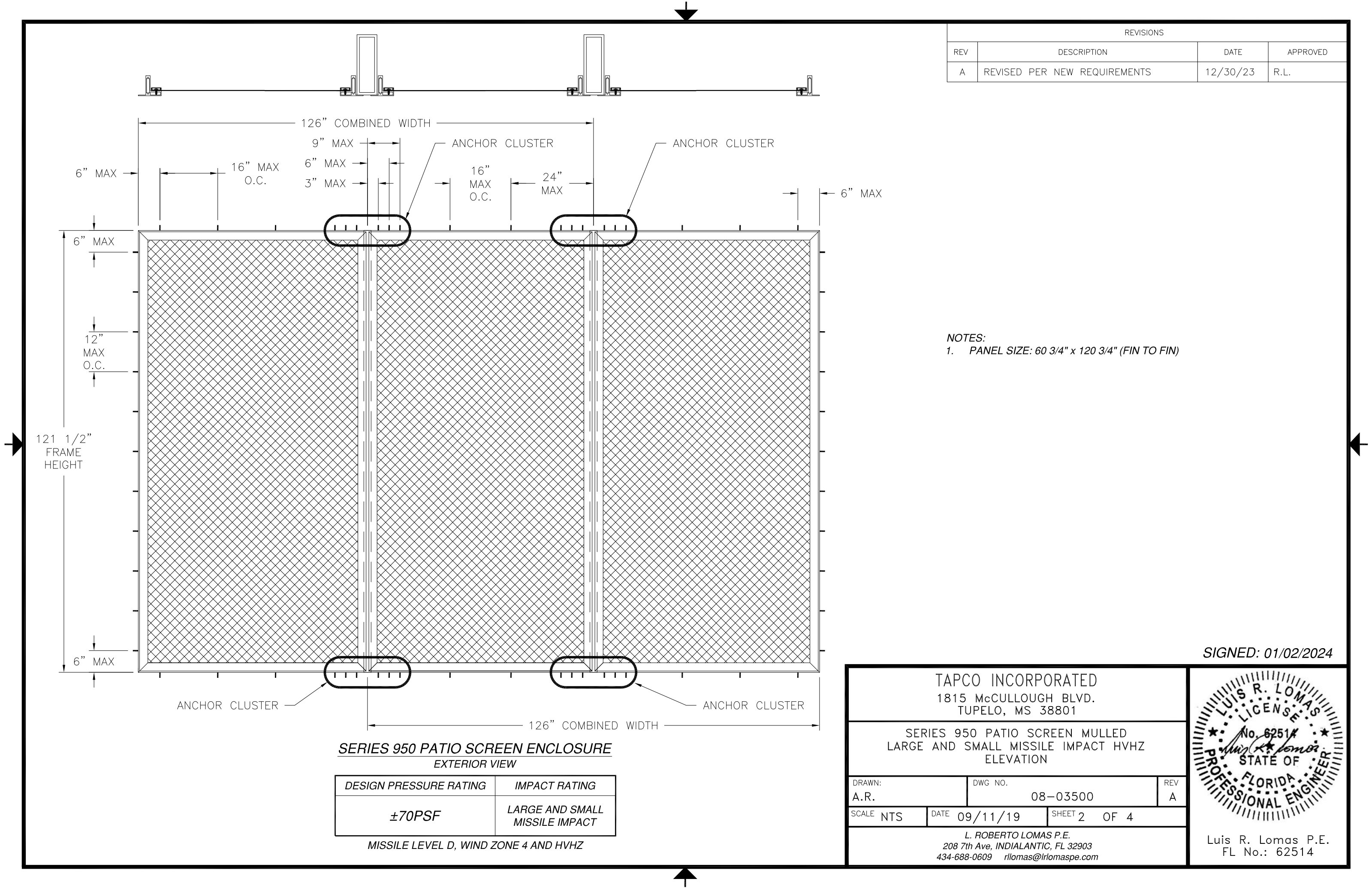
DATE 09/11/19

SHEET 1 OF 4

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LUIS R. LOMAS
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No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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NOTES:
1. PANEL SIZE: 60 3/4" x 120 3/4" (FIN TO FIN)

SERIES 950 PATIO SCREEN ENCLOSURE
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

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TUPELO, MS 38801

SERIES 950 PATIO SCREEN MULLED
LARGE AND SMALL MISSILE IMPACT HVHZ
ELEVATION

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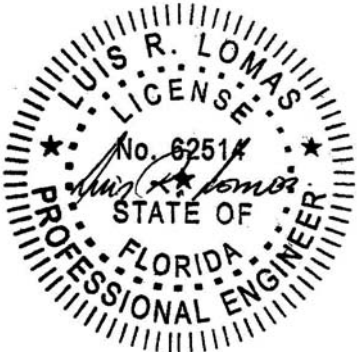
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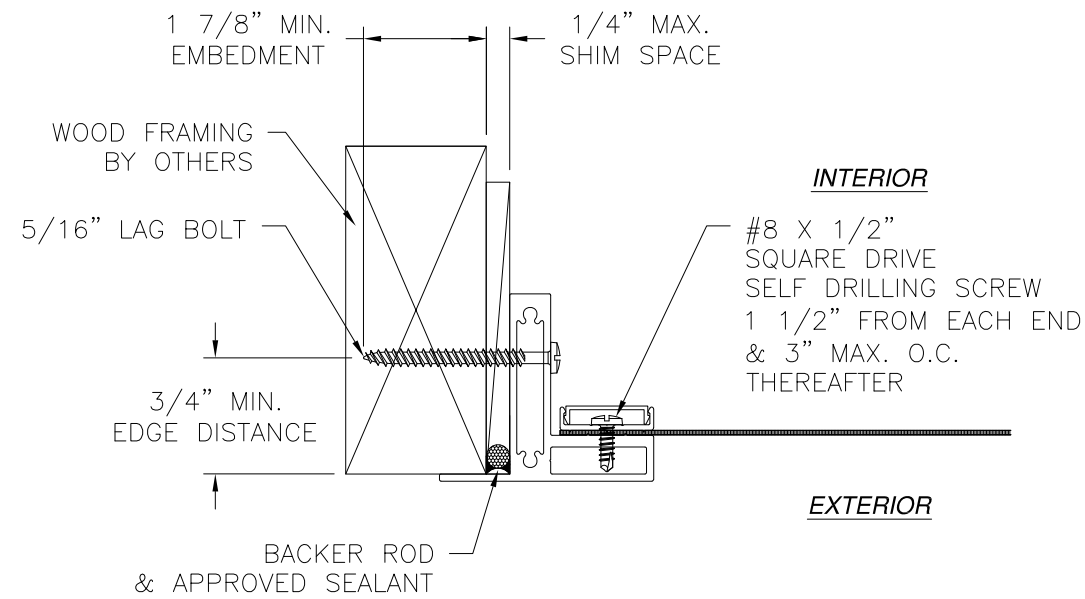
SHEET 2 OF 4

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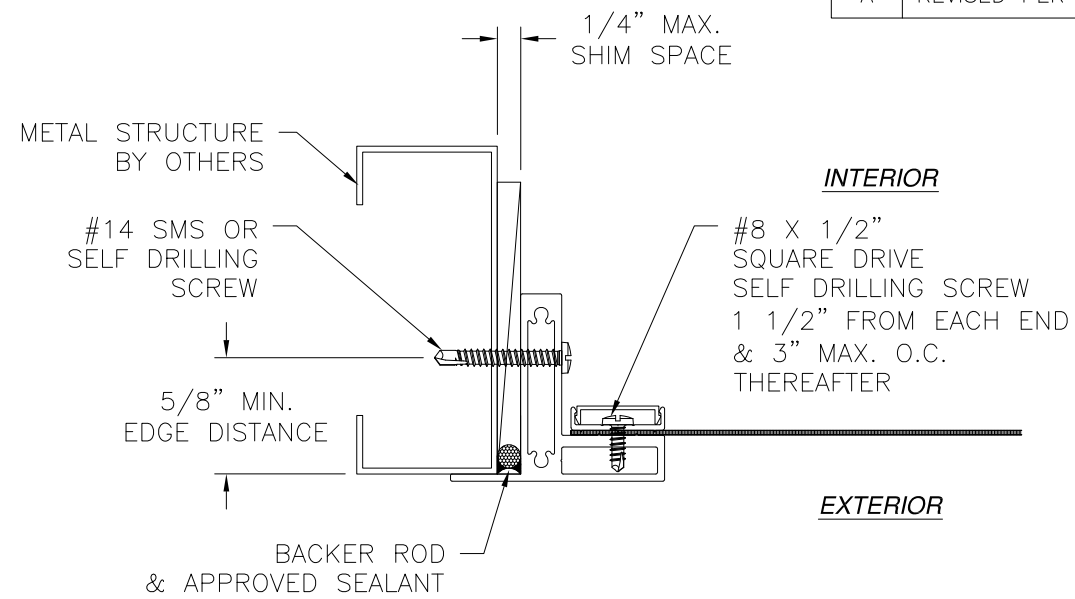


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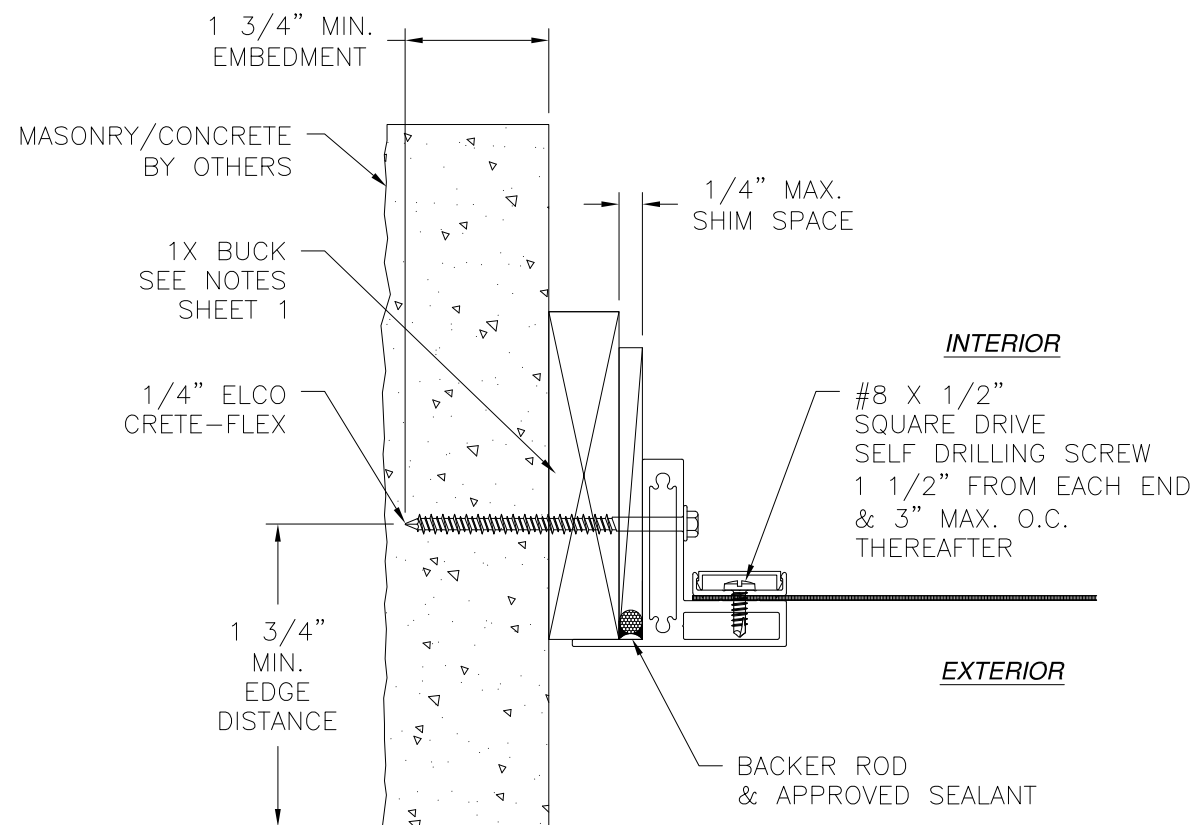
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
JAMB SHOWN, HEAD AND SILL SIMILAR



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
JAMB SHOWN, HEAD AND SILL SIMILAR

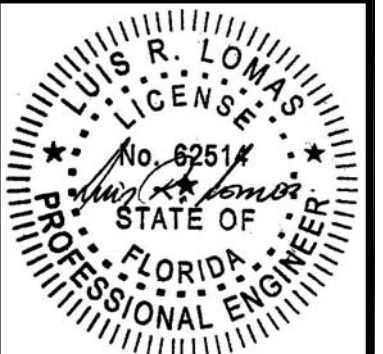


JAMB INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION
JAMB SHOWN, HEAD AND SILL SIMILAR

- 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

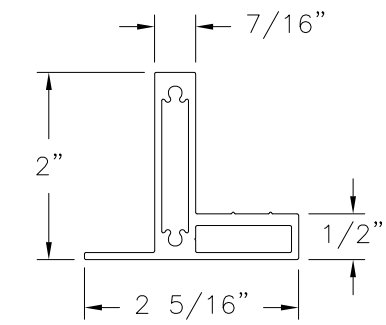
TAPCO INCORPORATED 1815 McCULLOUGH BLVD. TUPELO, MS 38801		
SERIES 950 PATIO SCREEN MULLED LARGE AND SMALL MISSILE IMPACT HVHZ INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03500	REV A
SCALE NTS	DATE 09/11/19	SHEET 3 OF 4
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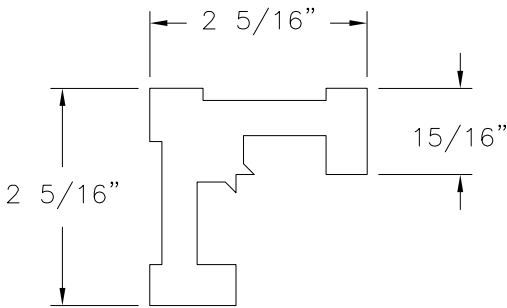


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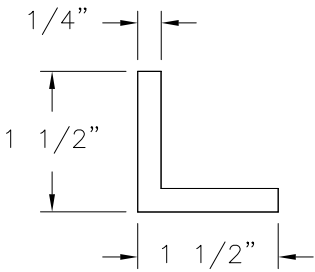
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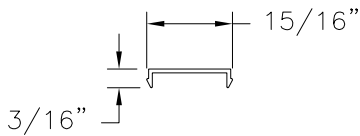
HEAD, SILL & JAMB
ALUMINUM 6063-T5 (TAP-950)



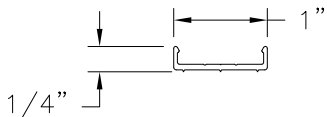
GUSSET
ALUMINUM 6063-T6



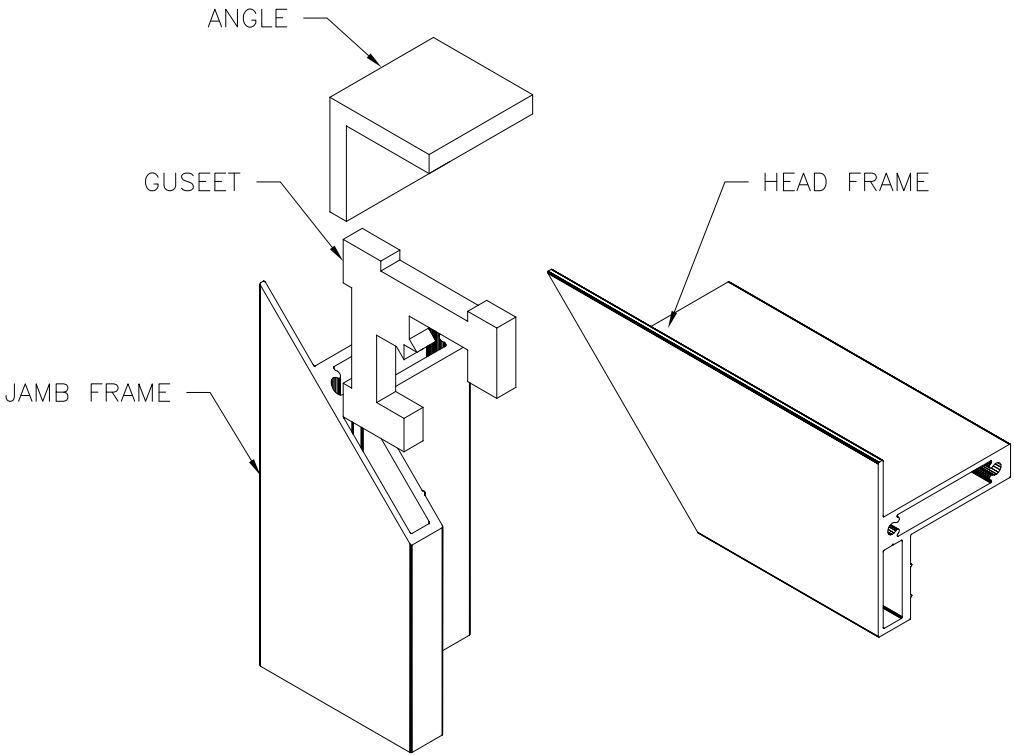
ANGLE
ALUMINUM 6063-T5



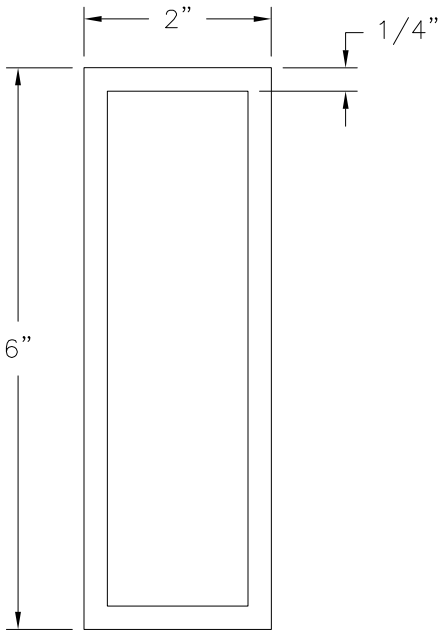
FLAT BAR COVER
EXTRUDED RIGID PVC (RP-1109)



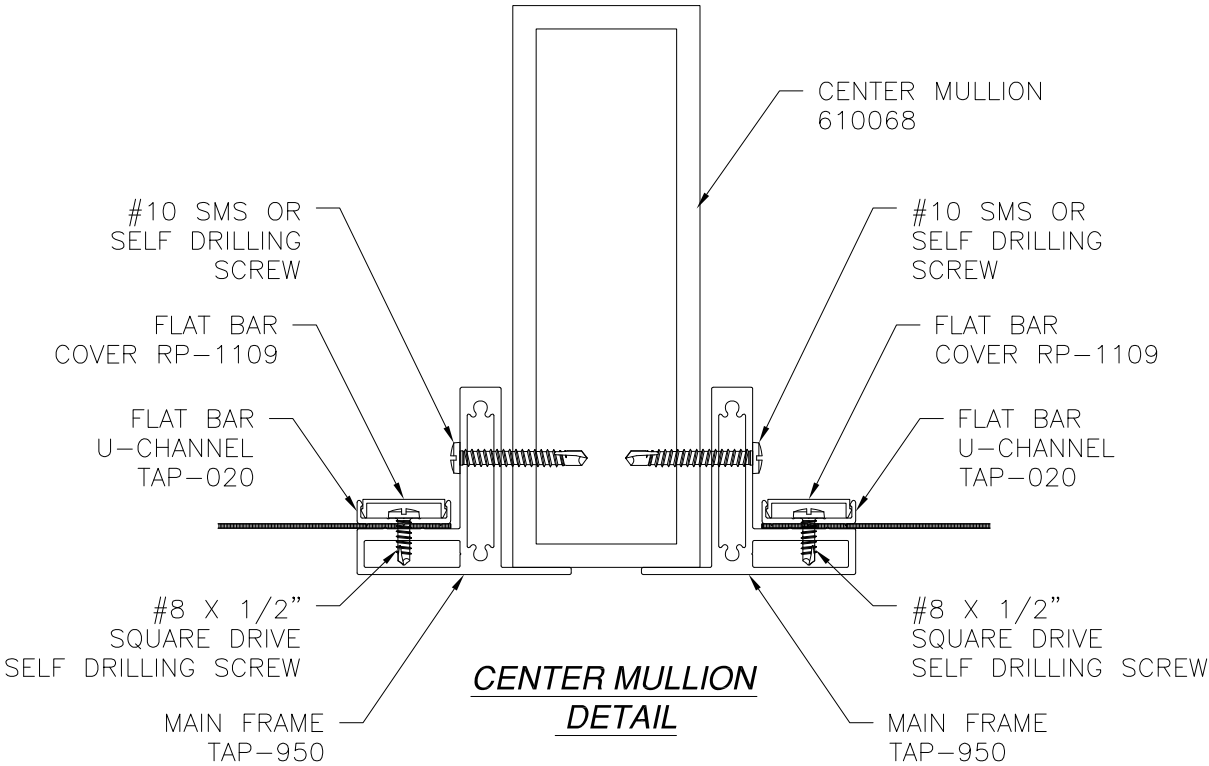
FLAT BAR U-CHANNEL
ALUMINUM 6063-T5 (TAP-020)



CORNER DETAIL



CENTER MULLION (610068)
ALUMINUM 6005-T5 (1/4" THICK)



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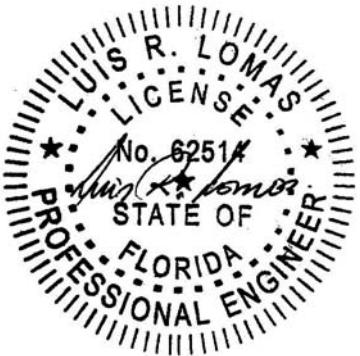
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