REVISIONS				
REV	DESCRIPTION	DATE	APPROVED	
А	REVISED PER NEW REQUIREMENTS	12/12/23	R.L.	

NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 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 SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
- 4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
- 5. 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.
- 6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
- 7. 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".
- 8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
- 9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 10. FRAME MATERIAL: EXTRUDED RIGID PVC.
- 11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 13 FOR GLASS DETAIL.
- 12. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS NOT REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS UP TO WIND ZONE 3.

- 13. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1-1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 15. 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. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 16. ALL FASTENERS TO BE CORROSION RESISTANT.
- 17. 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
- 17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
- 17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
- 17.3. MASONRY: HOLLOW/GROUT FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
- 17.4. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

FASTERN ARCHITECTURAL SYSTEMS

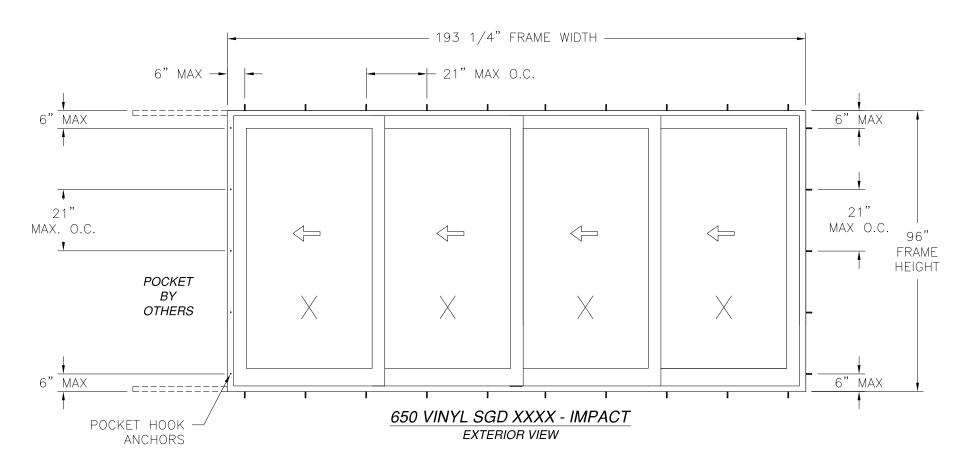
SIGNED: 01/03/2024

		27(0)	1634	1 DOMESTIC T MYERS, FL		
TABLE OF CONTENTS			SERIES 650 VINYL SGD W/ & W/O POCKET CW-PG45 IMPACT			
SHEET NO. DESCRIPTION			NOTES			
1	NOTES	DRAWN: DWG NO. 08-03552			REV	
2	ELEVATION			08	8-03552	
3	HORIZONTAL CROSS SECTIONS	SCALE NTS	DATE 0	6/11/2020	SHEET 1 OF 14	
4 - 13	INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave. INDIALANTIC. FL 32903				
14	COMPONENTS	434-688-0609 rllomas@lrlomaspe.com				



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

REVISIONS				
REV DESCRIPTION		DATE	APPROVED	
Α	REVISED PER NEW REQUIREMENTS	12/12/23	R.L.	



٨	IO	T	ES.

- 1. PANEL SIZE: 50 1/4" x 92 11/16"
- 2. MAXIMUM D.L.O.: 43 1/4" x 85 11/16"

	Configuration	Frame width	Frame height	Rating (PSF)
Ī	OXO	150 9/16"	96"	45.0
ſ	XXXX	193 1/4"	96"	45.0
Ī	OXXO	197 3/4"	96"	45.0

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3 WITH 0.522" OR 1.44" OR 1.94" SILL RISER

SIGNED: 01/03/2024



No. 62514

No. 62514

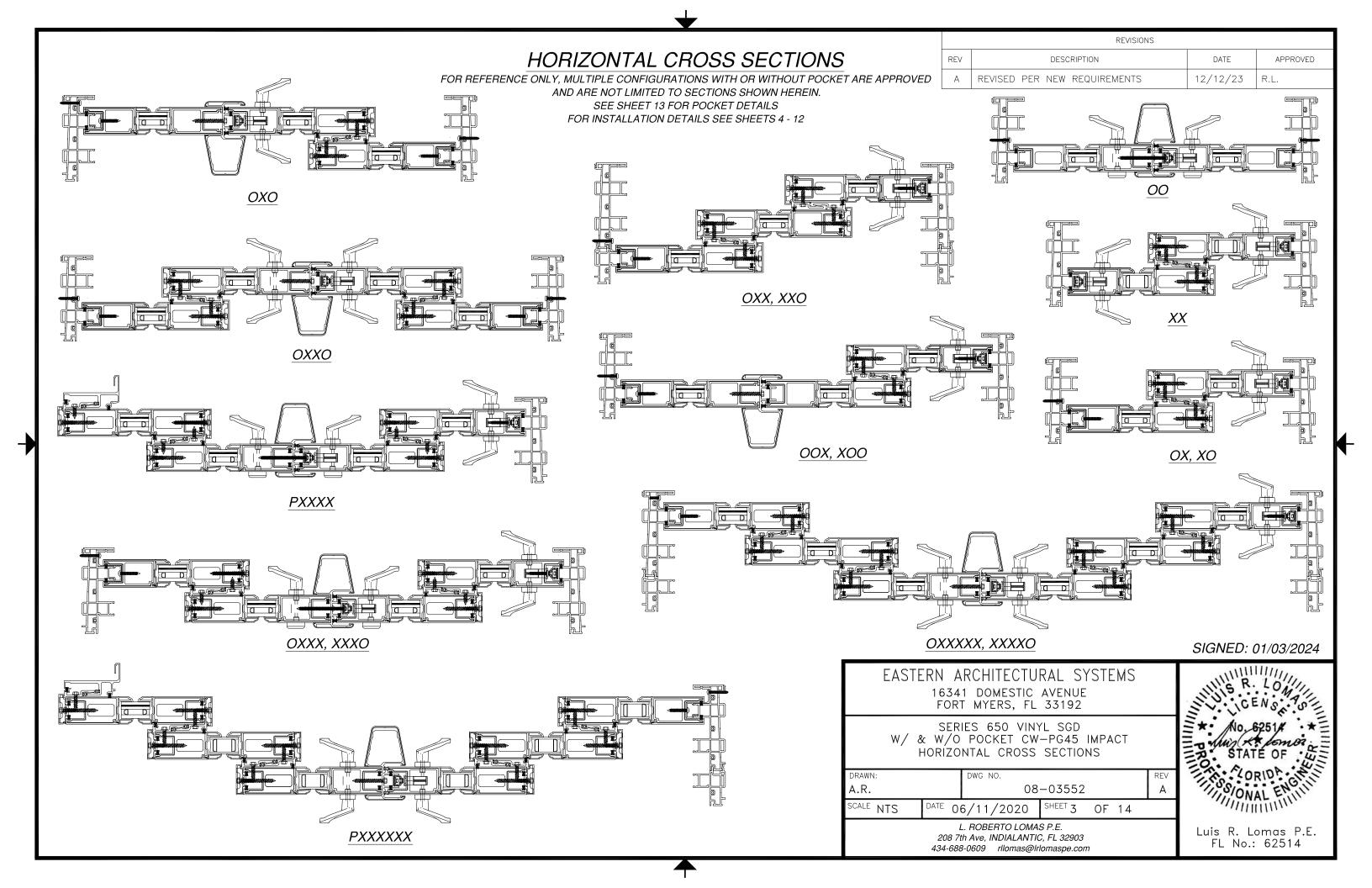
No. 62514

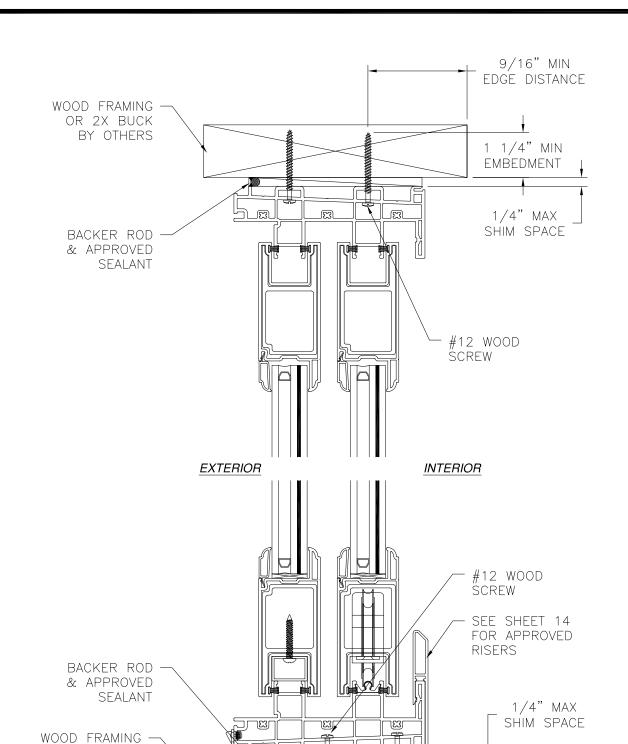
STATE OF

Luis R. Lomas P.E.

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

	HARDWARE SCHEDULE
A.	2 POINT MORTISE LOCK W/HANDLE 52 1/2" FROM TOP OF LOCK STILES
В.	METAL ASTRAGAL STILE AT LOCK JAMB
C.	. 1983 TANDEM AXLE & PR05 ROLLER BY AMESBURY AT BOTTOM RAILS
D.	. ALUMINUM ASTRAGAL 10300233 AT ACTIVE PANEL
E.	ALUMINUM REINFORCEMENT AT PANEL TOP, BOTTOM AND LOCK STILE





VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

1 1/4" MIN

9/16" MIN

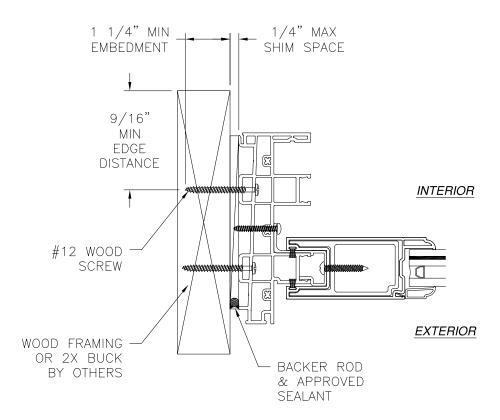
EDGE DISTANCE

EMBEDMENT

OR 2X BUCK BY OTHERS REVISIONS

REV DESCRIPTION DATE APPROVED

A REVISED PER NEW REQUIREMENTS 12/12/23 R.L.

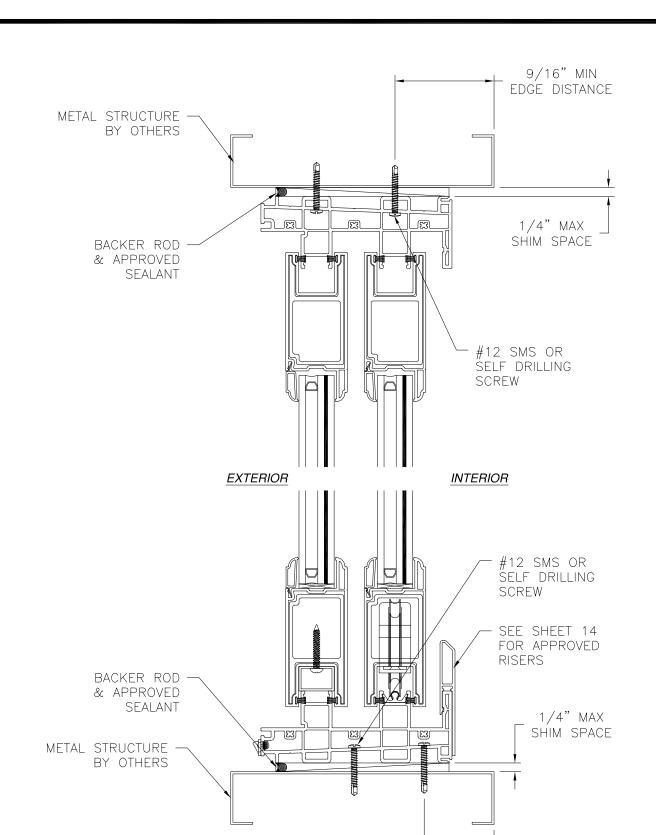


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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





VERTICAL CROSS SECTION

METAL STRUCTURE INSTALLATION

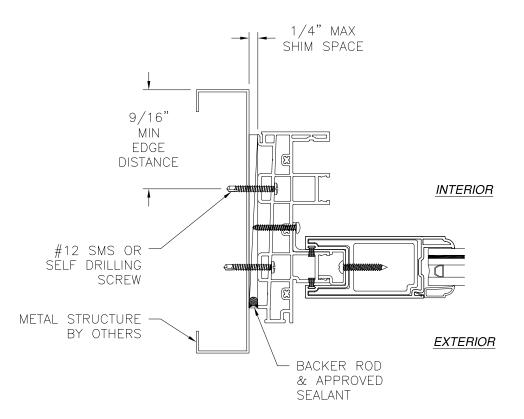
9/16" MIN

EDGE DISTANCE

REVISIONS

REV DESCRIPTION DATE APPROVED

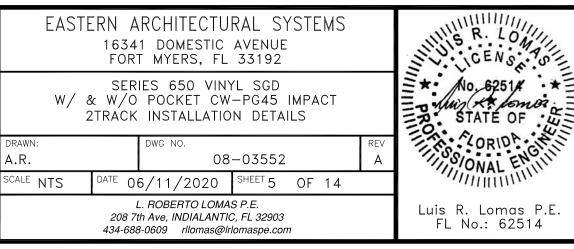
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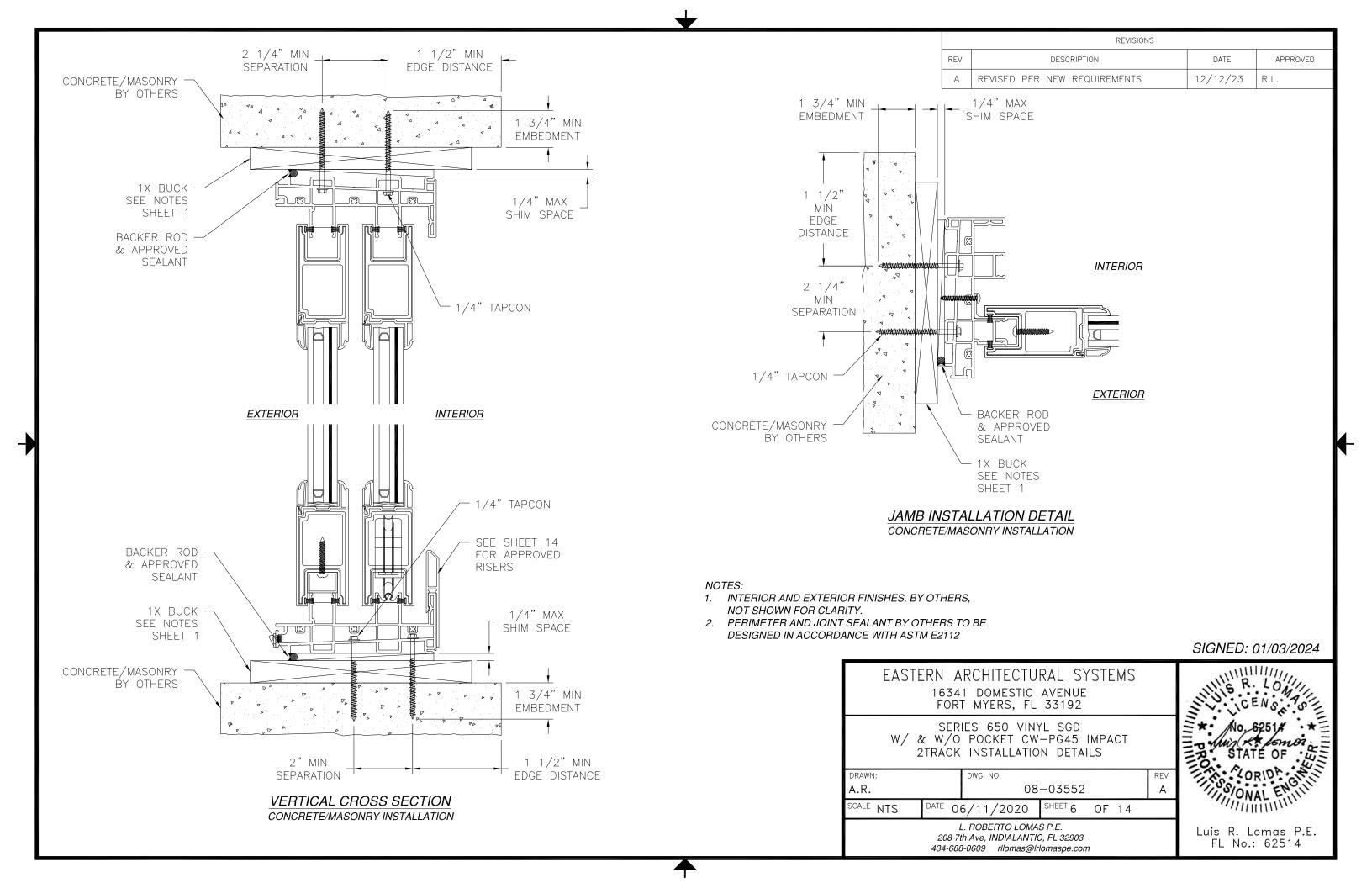


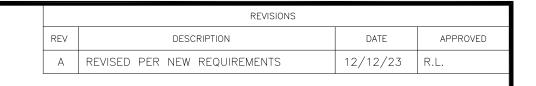
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

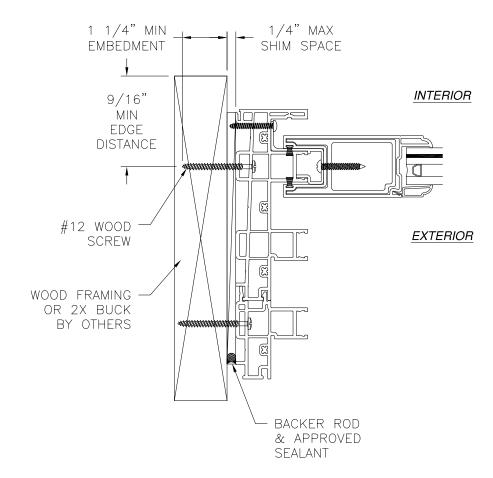
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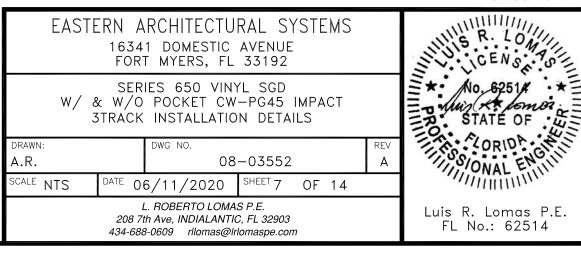


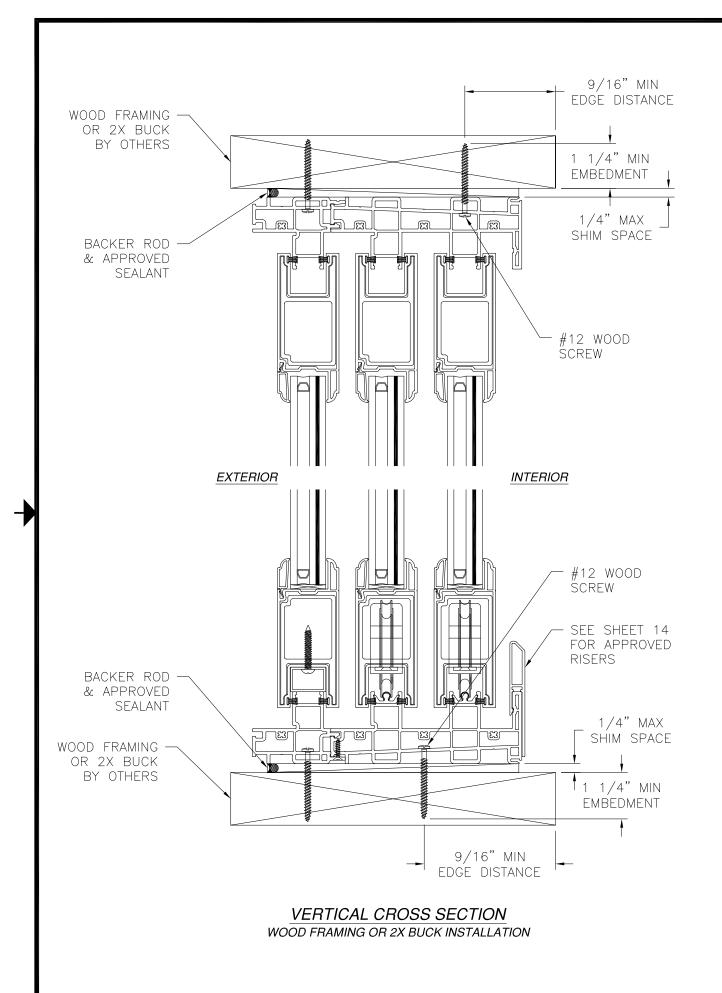


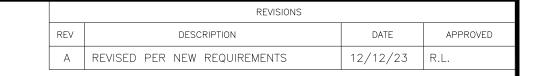
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

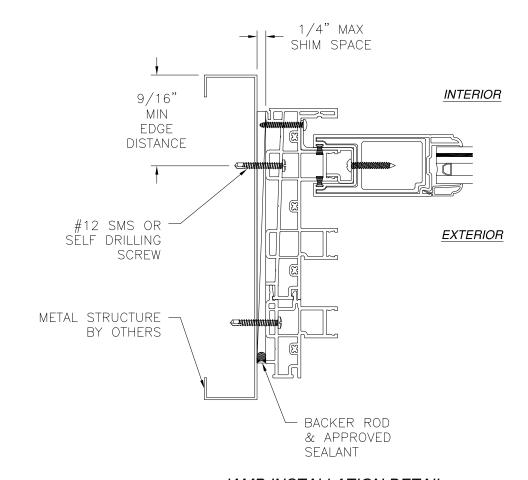
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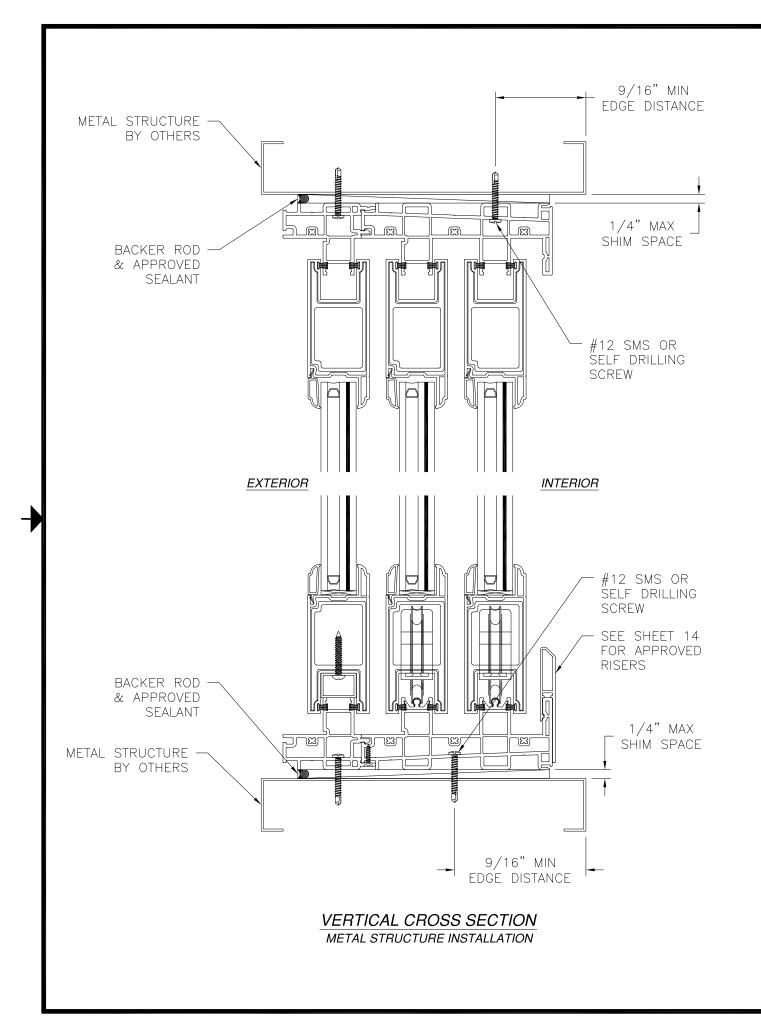
JAMB INSTALLATION DETAIL

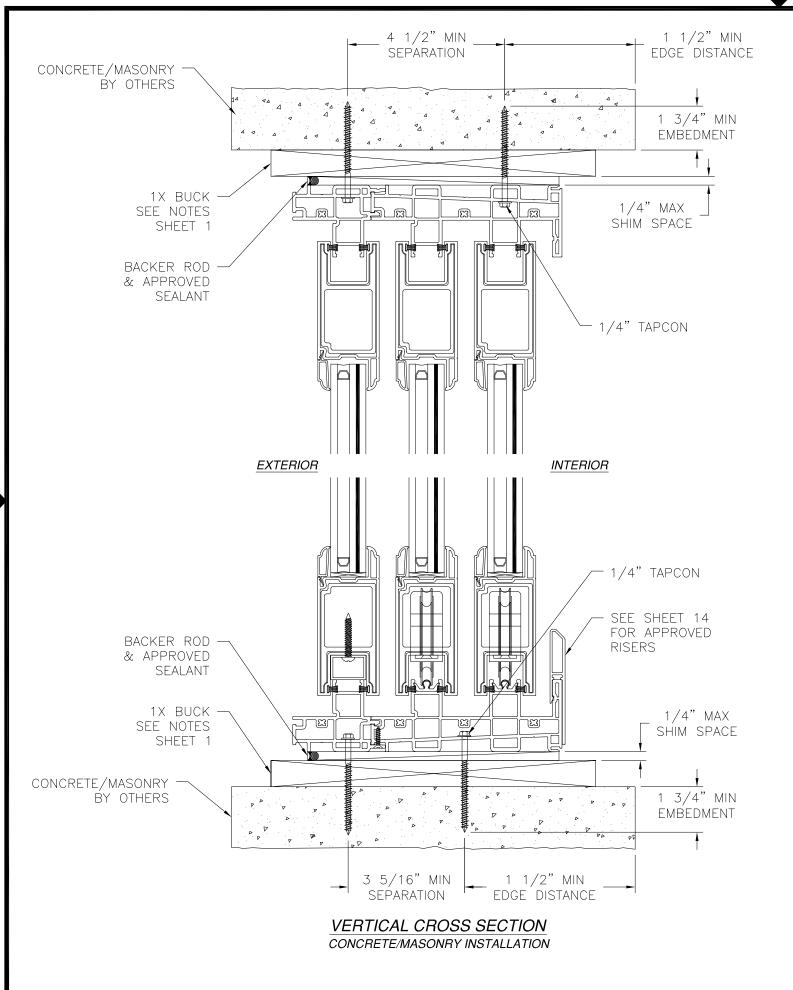
METAL STRUCTURE INSTALLATION

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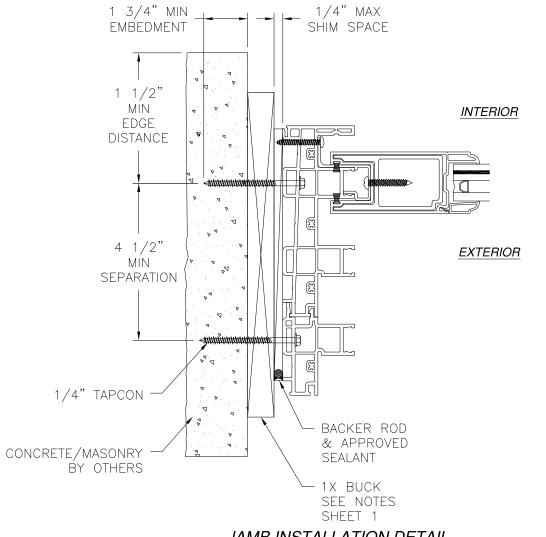




REVISIONS

REV DESCRIPTION DATE APPROVED

A REVISED PER NEW REQUIREMENTS 12/12/23 R.L.

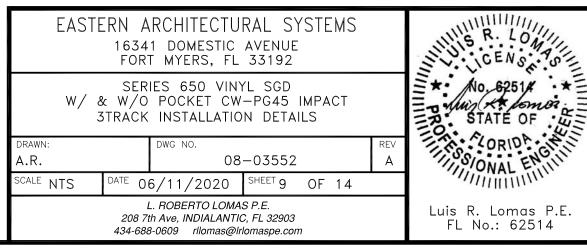


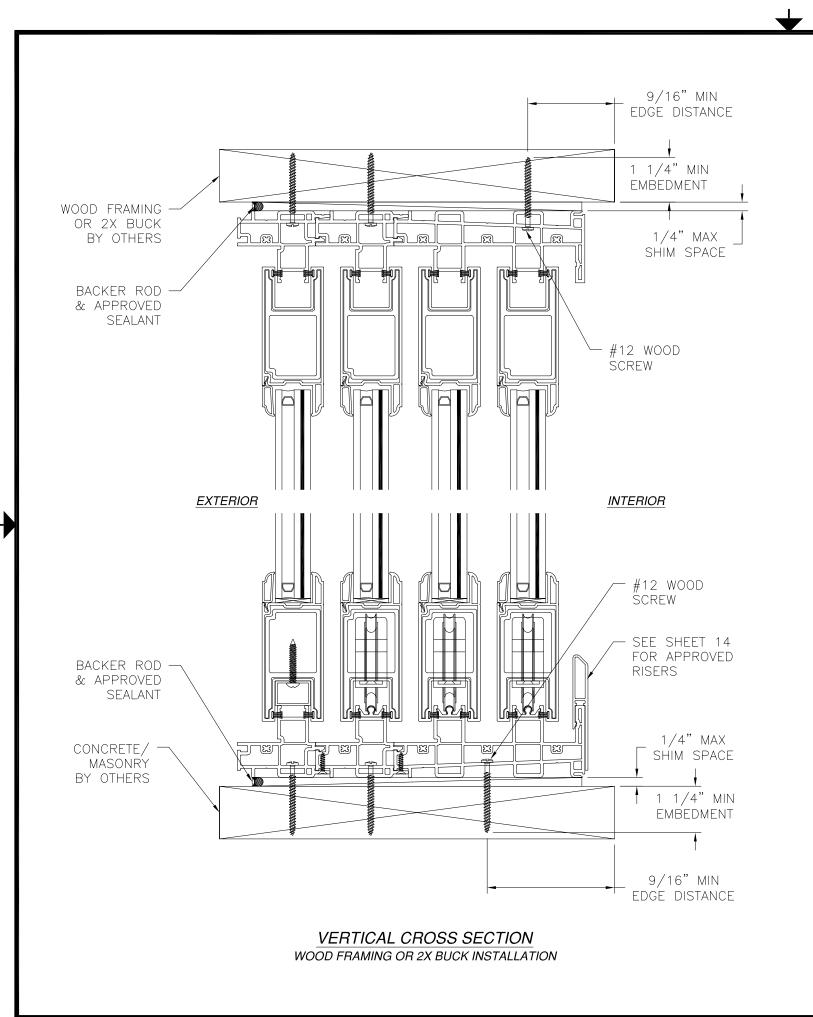
JAMB INSTALLATION DETAIL CONCRETE/MASONRY INSTALLATION

NOTES:

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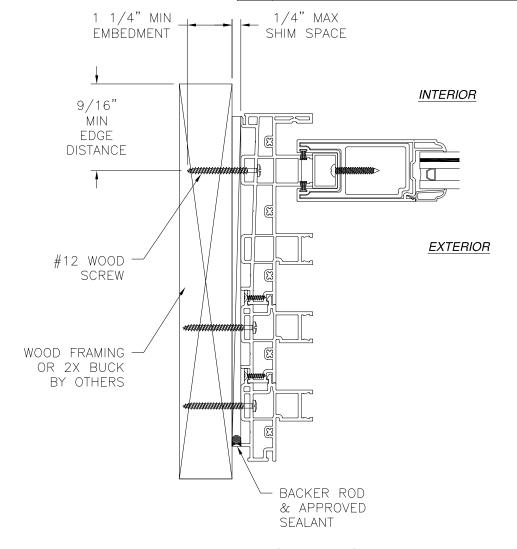




REVISIONS

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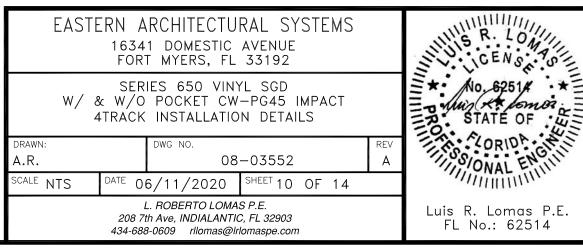


JAMB INSTALLATION DETAIL WOOD FRAMING OR 2X BUCK INSTALLATION

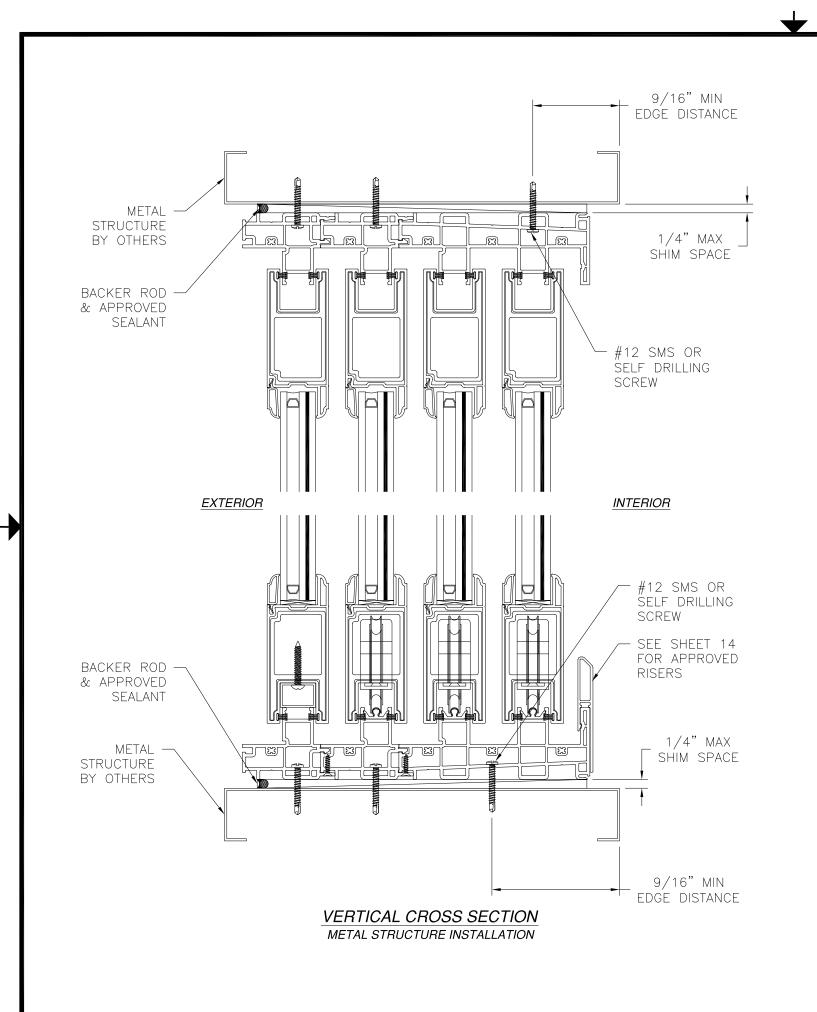
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SIGNED: 01/03/2024



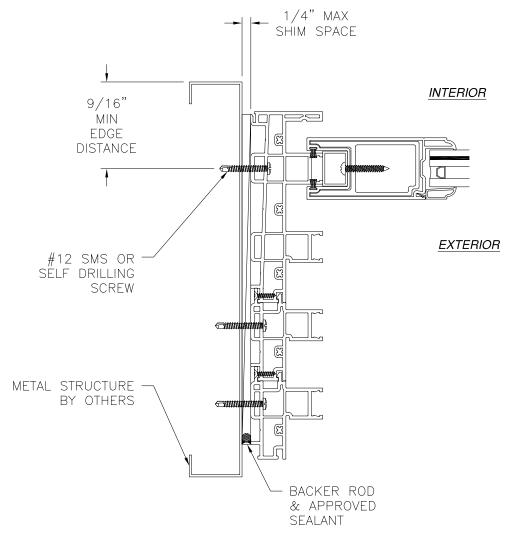
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REVISIONS

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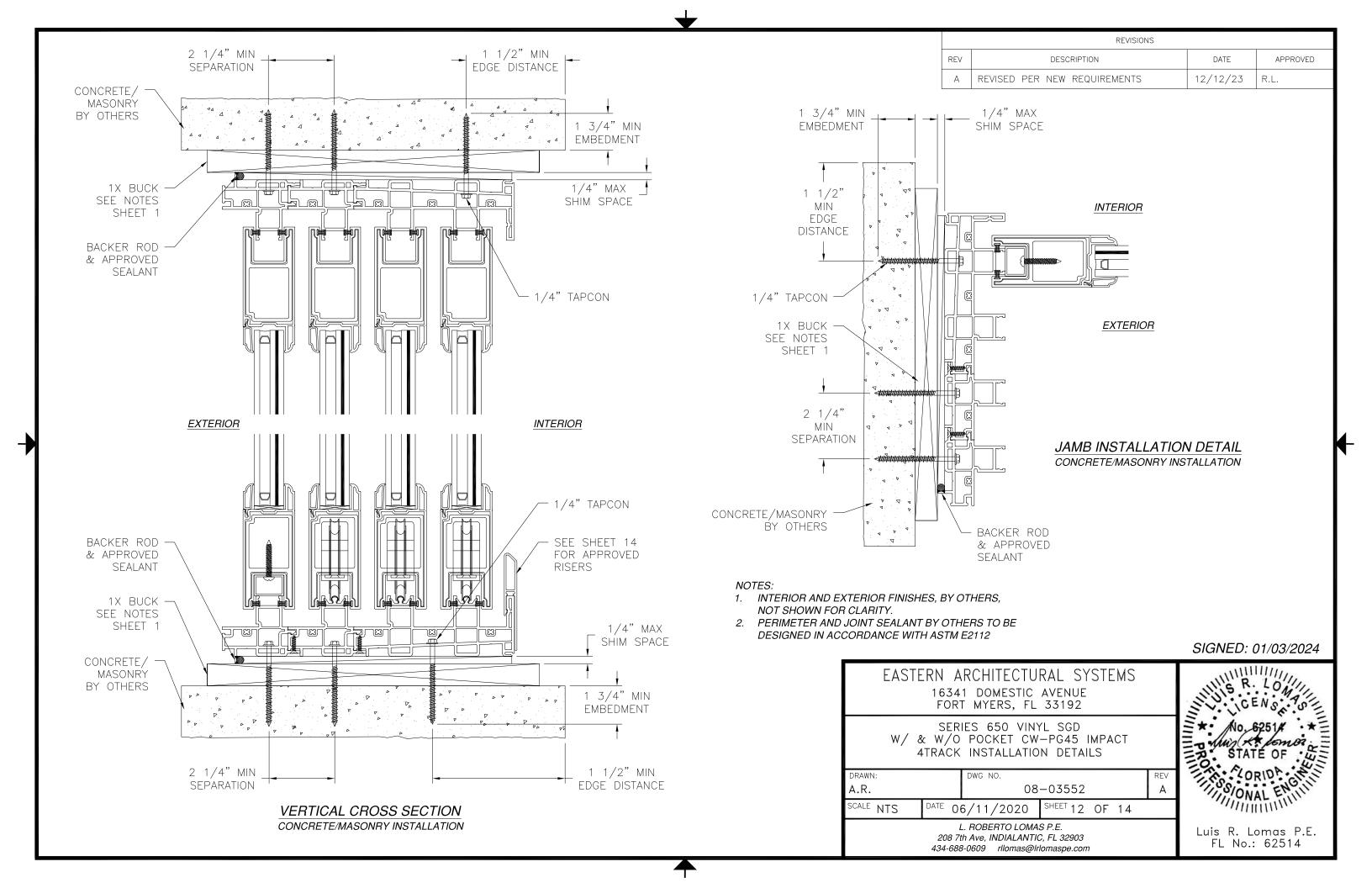


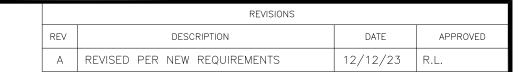
JAMB INSTALLATION DETAIL METAL STRUCTURE INSTALLATION

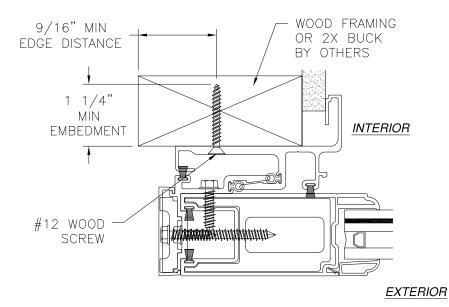
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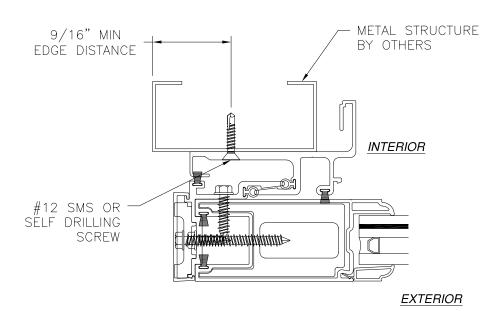




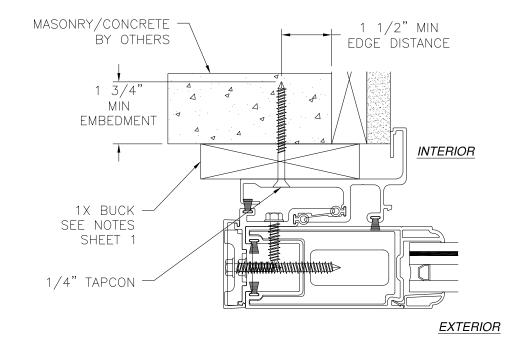




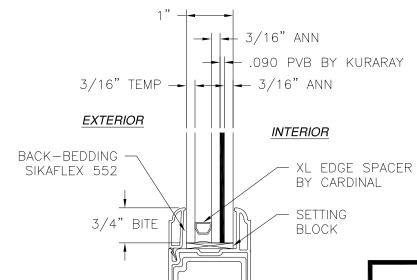
P-HOOK CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



P-HOOK CROSS SECTION METAL STRUCTURE INSTALLATION



P-HOOK CROSS SECTION CONCRETE/MASONRY INSTALLATION



GLAZING DETAIL

EASTERN ARCHITECTURAL SYSTEMS

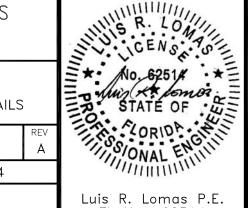
16341 DOMESTIC AVENUE
FORT MYERS, FL 33192

SERIES 650 VINYL SGD
W/ & W/O POCKET CW-PG45 IMPACT
P-HOOK AND GLAZING INSTALLATION DETAILS

DRAWN: DWG NO. REV
A.R. 08-03552 A

SCALE NTS DATE 06/11/2020 SHEET 13 OF 14

L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com



SIGNED: 01/03/2024

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

