	REVISIONS		
REV	DESCRIPTION	DATE	APPROVED
А	REVISED PER NEW CODE	02/11/2021	R.L.

NOTES

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2018 IBC AND THE 2018 IRC.
- 2. WOOD 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. 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.
- 5. 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.
- 6. 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.
- 7. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
- 8. 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".
- 9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
- 10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 11. FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM.
- 12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM WITH ALUMINUM CLADDING.
- 13. DOOR PANEL AND SIDELITE MATERIAL: FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORF.
- 14. UNITS MUST BE GLAZED PER ASTM E1300-, WITH SAFETY GLAZING.
- 15. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

- 16. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 17. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" ELCO-CRETE-FLEX WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 18. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #10 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.
- 19. ALL FASTENERS TO BE CORROSION RESISTANT.
- 20. 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 .125" THICK MINIMUM
- 21. APPROVED CONFIGURATIONS: O, X, OX, XO, XX, OXO, XXO, OXX AND OXXO. SEE SHEET 3.

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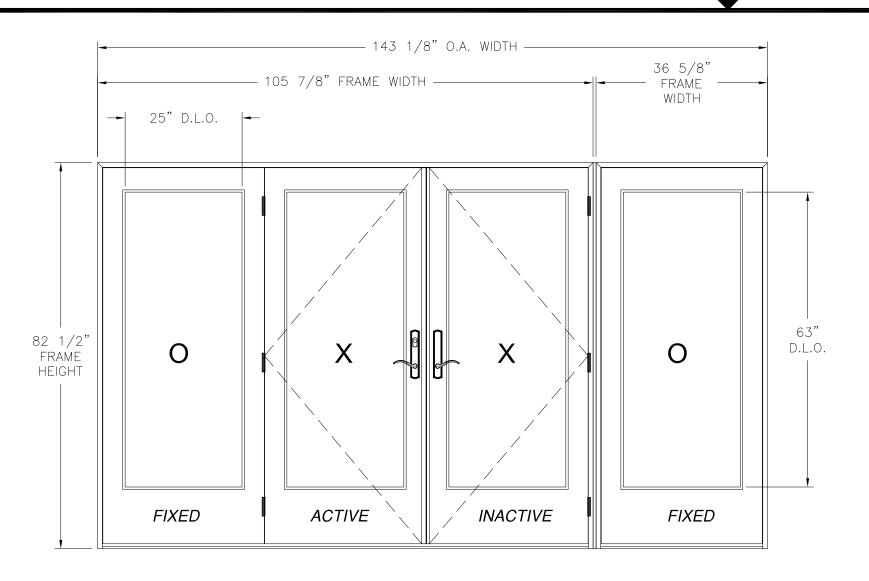
22. HINGE LOCATION: 9", 40 7/8" AND 72 1/2" FROM BOTTOM.

SIGNED: 03/31/2021

		8989 NORTH LOOP EAST					
	TABLE OF CONTENTS	HOUSTON, TX 77029					
SHEET NO.	T NO. DESCRIPTION OUT-SWING ENTRANCE DOOR W/ & W/O SIDEL FIBERGLASS GLAZED NON-IMPACT			SIDELITES			
1	NOTES	NOTES					
2	ELEVATION	DRAWN: DWG NO. 08-03409		REV			
3	APPROVED CONFIGURATIONS			08-03409 A			
4 - 5	ANCHORING LAYOUTS	SCALE NTS	DATE 0	4/08/19	SHEET 1 OF	13	
6 - 12	INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023					
13	COMPONENTS	434-688-0609 rllomas@lrlomaspe.com					



Luis R. Lomas P.E. TX No.: 101889



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OUT-SWING ENTRANCE DOUBLE DOOR W/ SIDELITES EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	NONE

NOTES:

1. PANEL SIZE: 34 1/2" X 80 5/16"

NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029

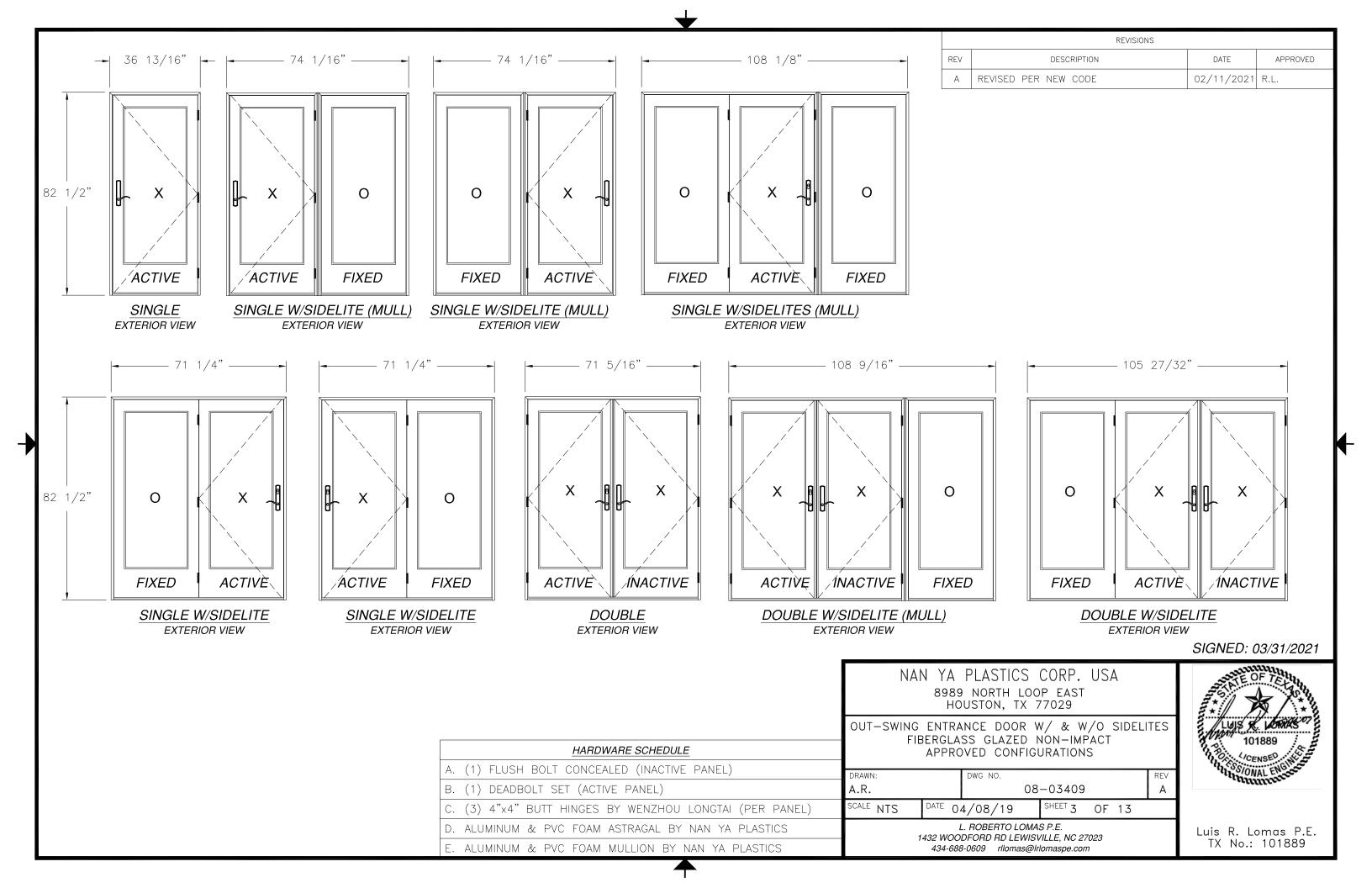
OUT—SWING ENTRANCE DOOR W/ & W/O SIDELITES
FIBERGLASS GLAZED NON—IMPACT
ELEVATION

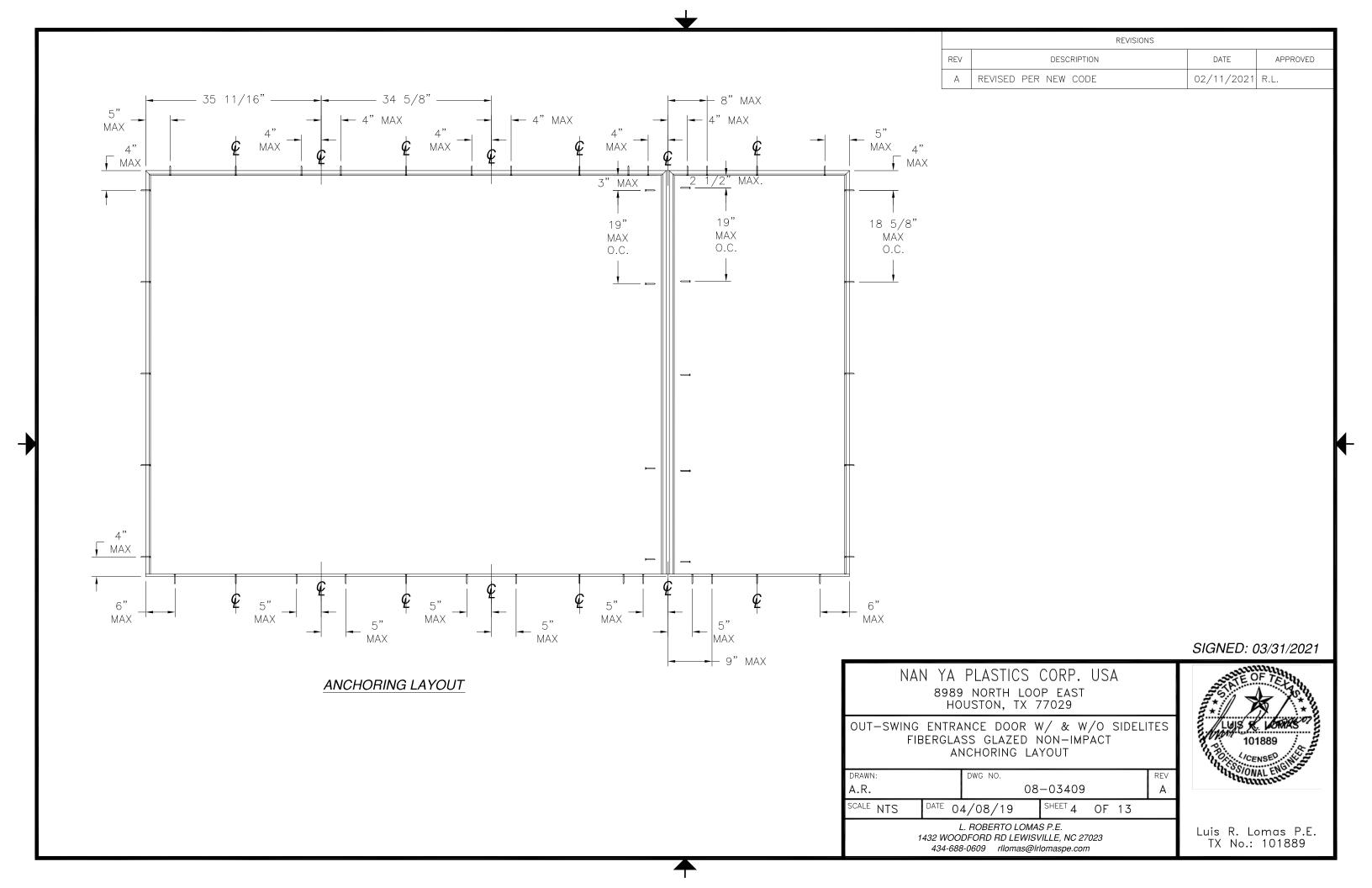
TABLE OF CONTENTS DRAWN: DWG NO. A.R. 08-03409 SHEET NO. DESCRIPTION SCALE NTS SHEET 2 OF 13 DATE 04/08/19 1, 2 ELEVATION AND NOTES L. ROBERTO LOMAS P.E. 3, 4 ANCHORING LAYOUTS 1432 WOODFORD RD LEWISVILLE, NC 27023 5 - 9 INSTALLATION DETAILS 434-688-0609 rllomas@lrlomaspe.com

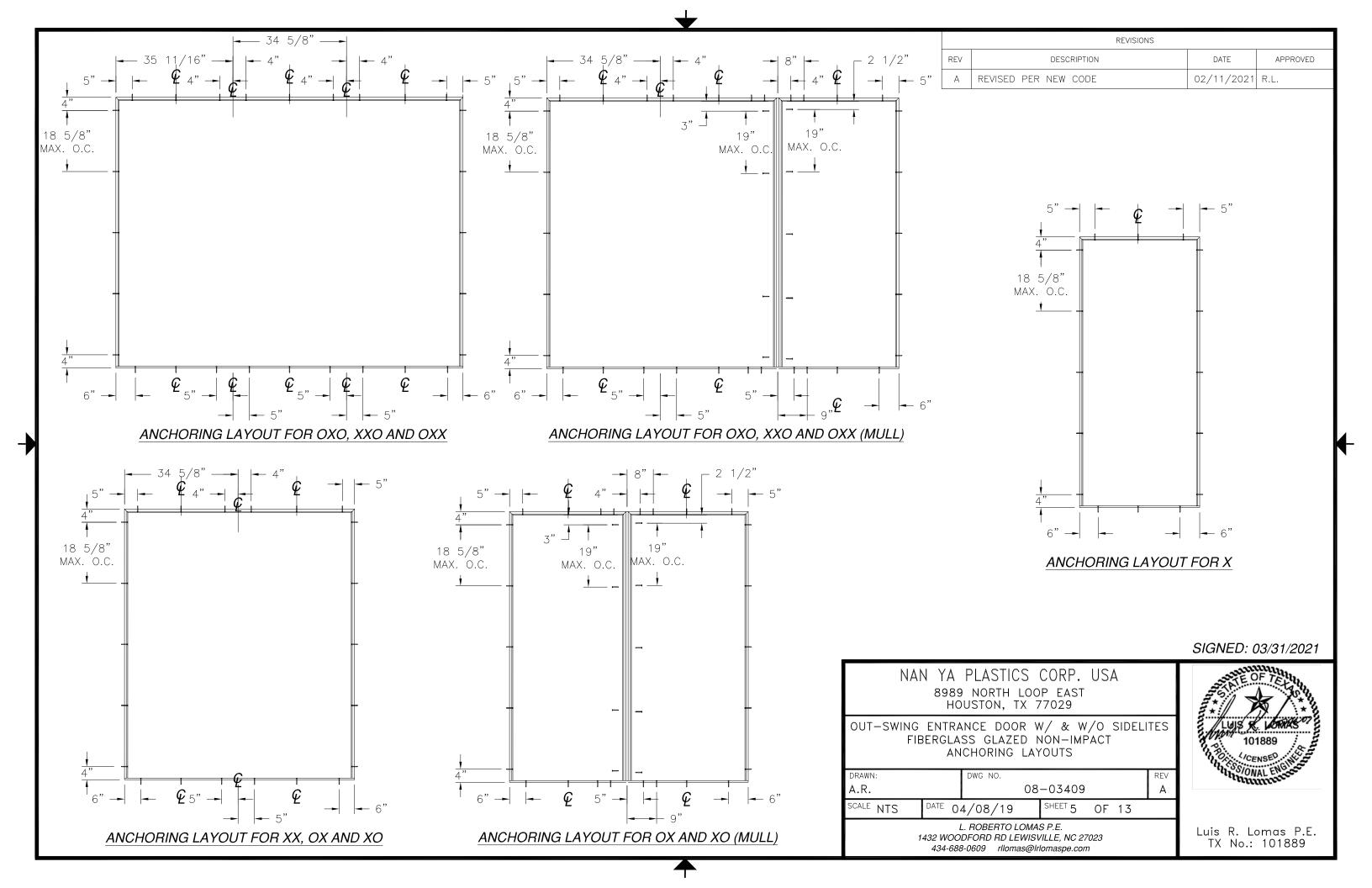
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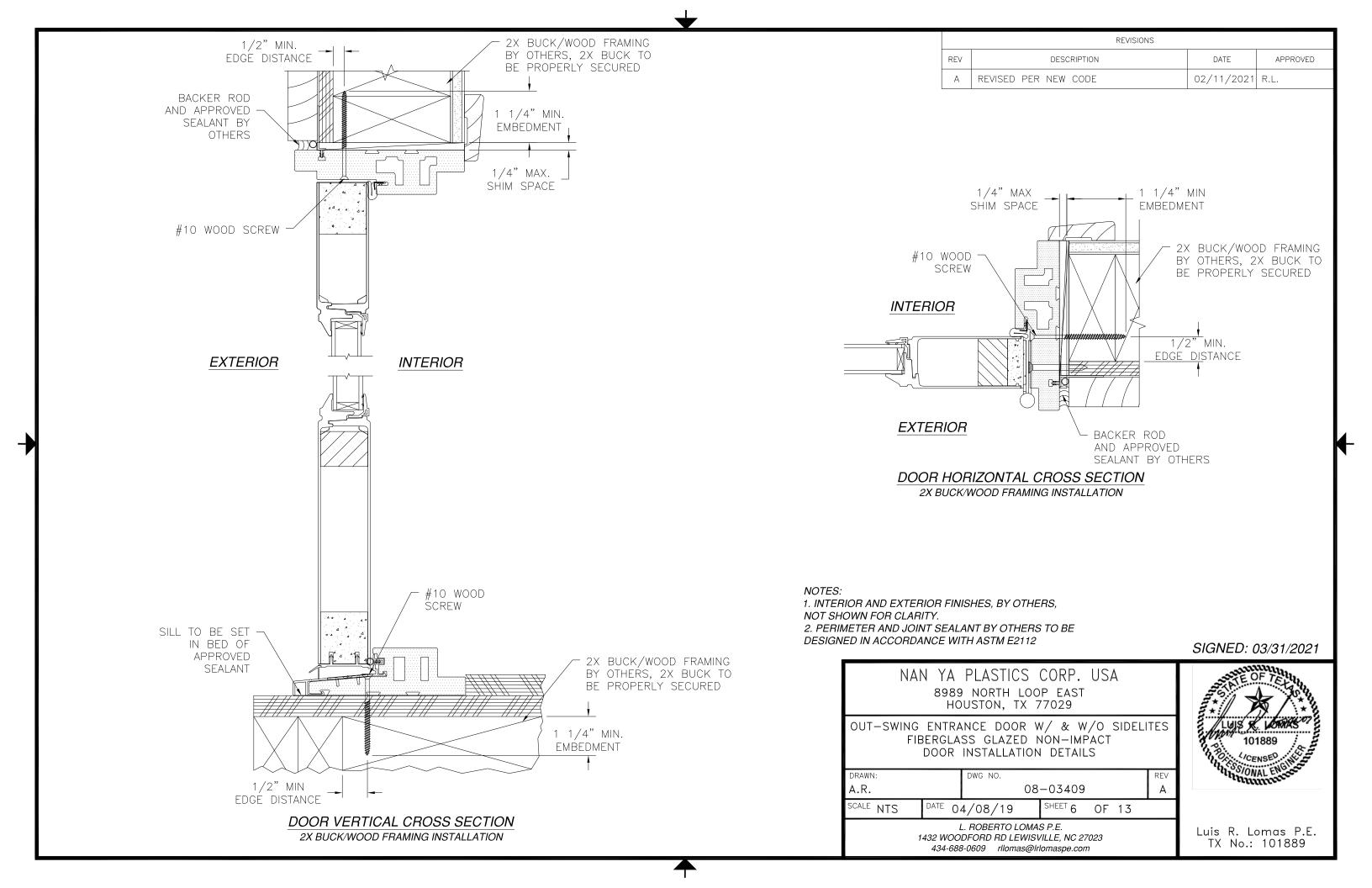
SIGNED: 03/31/2021

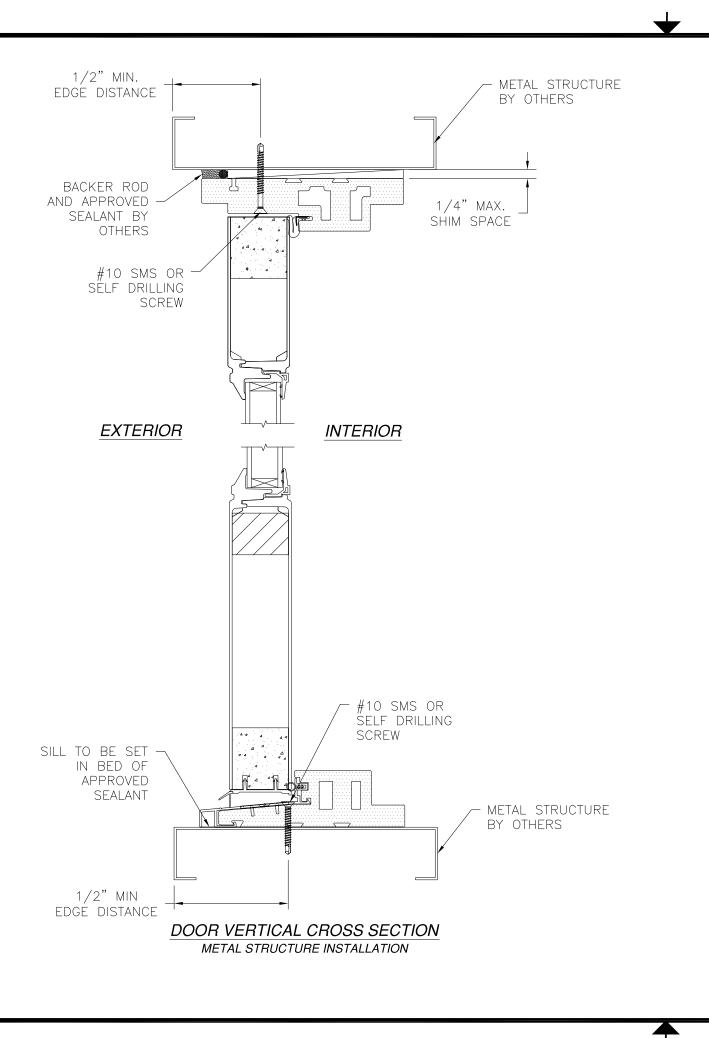
Luis R. Lomas P.E. TX No.: 101889







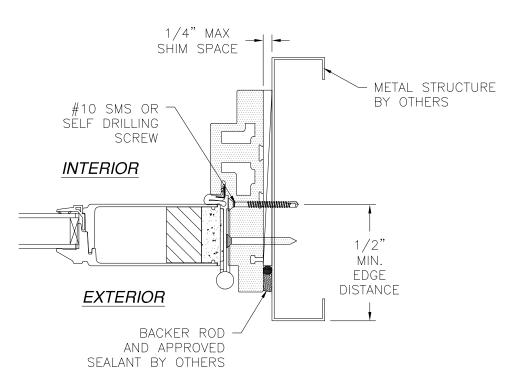




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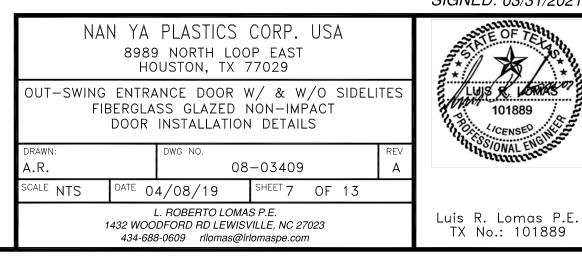


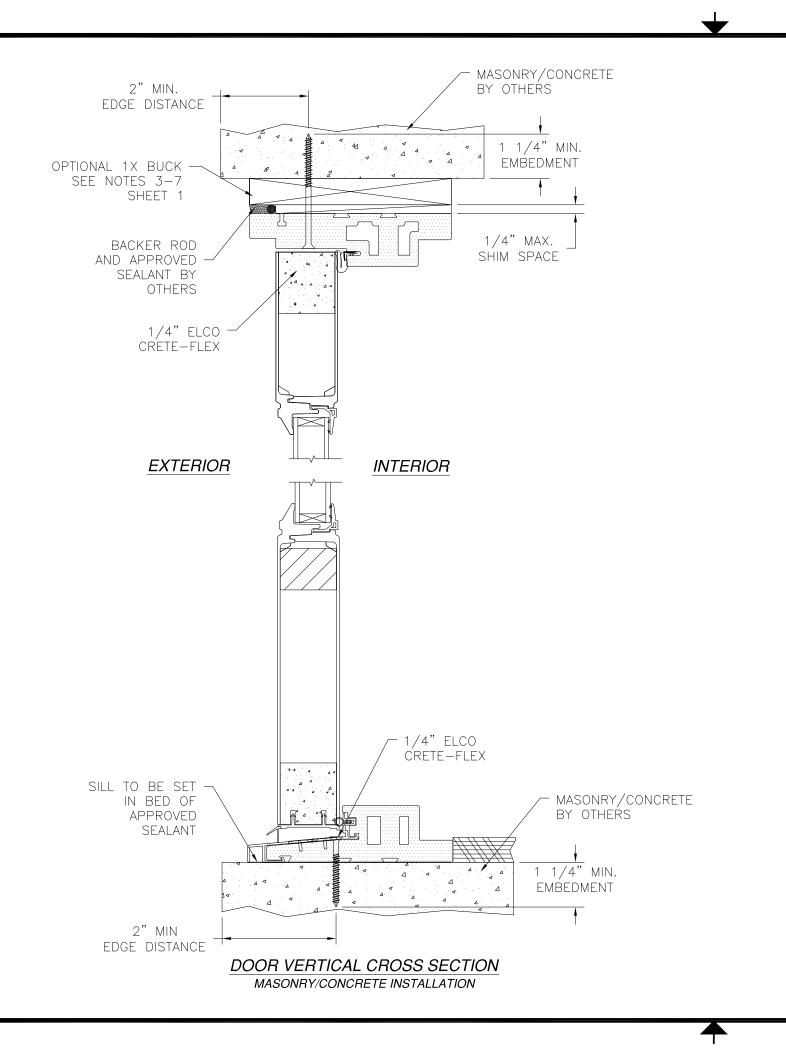
DOOR HORIZONTAL CROSS SECTION METAL STRUCTURE INSTALLATION

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 SIGNED: 03/31/2021

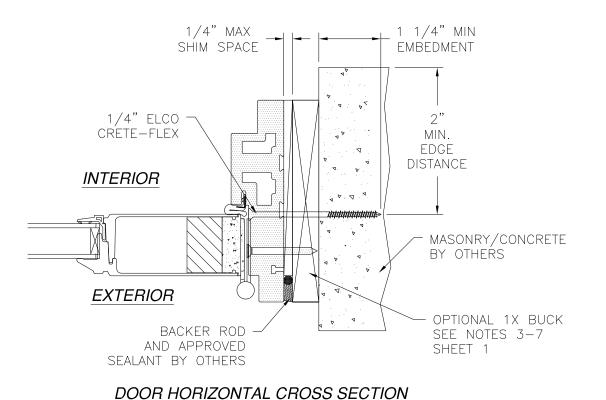




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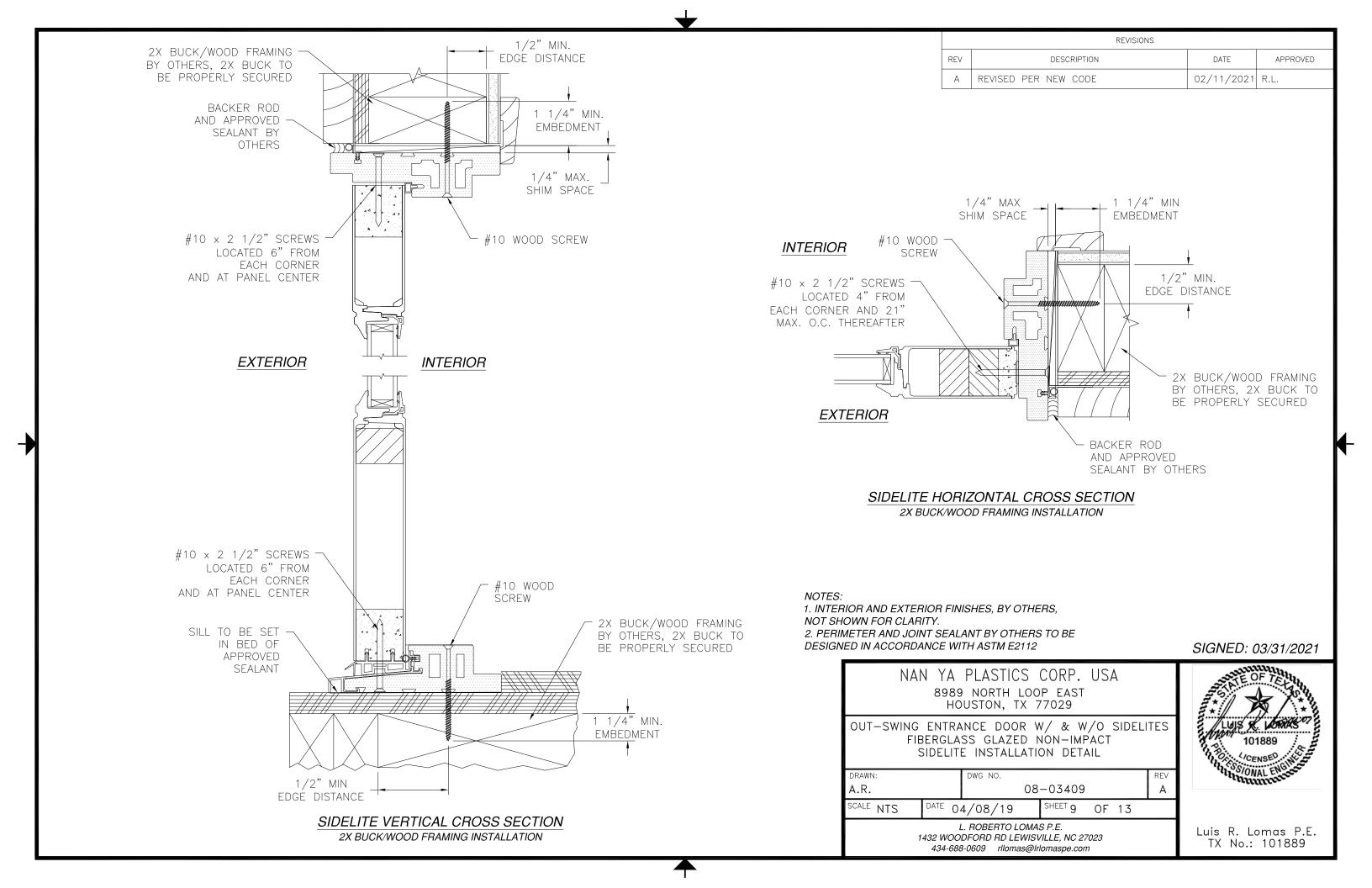
SIGNED: 03/31/2021

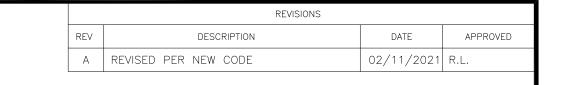


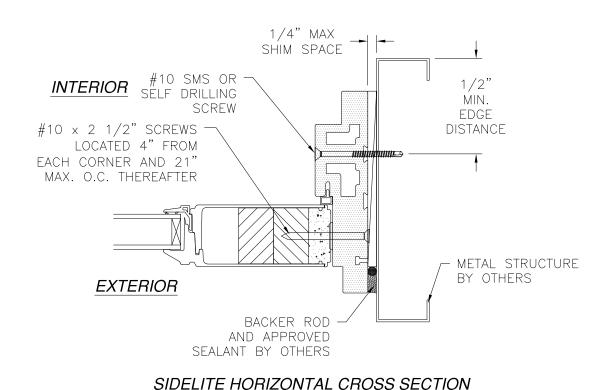
MASONRY/CONCRETE INSTALLATION



Luis R. Lomas P.E. TX No.: 101889







METAL STRUCTURE INSTALLATION

NOTES:

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

SIGNED: 03/31/2021





Luis R. Lomas P.E. TX No.: 101889

