REVISIONS					
REV	DESCRIPTION	DATE	APPROVED		
А	REVISED PER NEW CODE	02/07/2022	R.L.		

#### NOTES

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2018 IBC AND 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. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW 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. WINDOW 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 WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
- 7. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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: CO-EXTRUDED PVC FOAM.
- 11. UNITS MUST BE GLAZED WITH SAFETY GLASS PER ASTM E1300, WITH SAFETY GLAZING.
- 12. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

- 13. FOR ANCHORING 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.
- 14. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS 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.
- 15. FOR ANCHORING 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.
- 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:

  A. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
  - B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
  - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
  - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
- 18. APPROVED CONFIGURATIONS: X, OX, XO, X/O, O/X, XX, OXX, XXO, O/XX, XX/O, OXO, O/XO, OXXO, OXXO, OXXO, SEE SHEET 3.
- 19. SIDELITES ARE ASSEMBLED TO FRAME WITH #10X2 1/2" WOOD SCREWS LOCATED 4" FROM EACH END AND 26 7/8" MAX O.C. THEREAFTER AT JAMBS AND 4" FROM EACH END AND ONE AT MIDSPAN AT HEAD AND SILL.

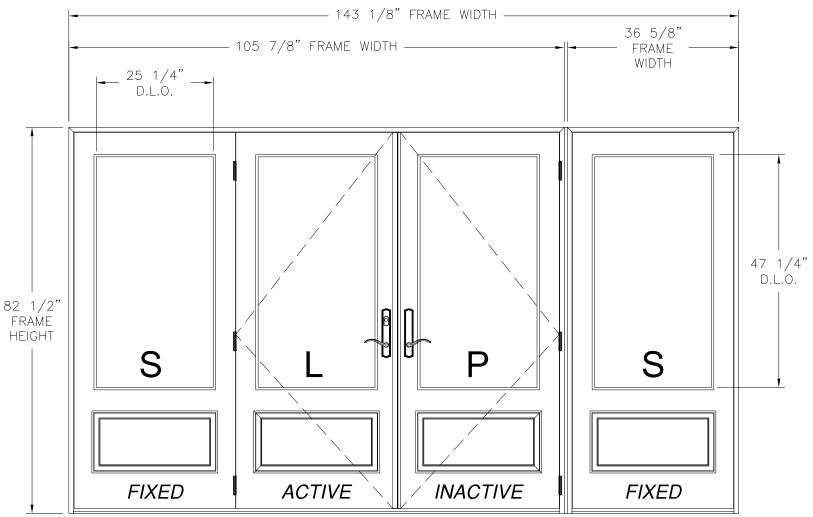
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NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029 TABLE OF CONTENTS SERIES SLPS 6'11" INSWING SHEET NO. DESCRIPTION 3/4 LITE PATIO DOOR NON-IMPACT 1 NOTES NOTES 2 **ELEVATION** DRAWN: DWG NO. 3 APPROVED CONFIGURATIONS 08-03413 A.R. SCALE NTS DATE 04/10/19 SHEET 1 OF 15 ANCHORING LAYOUTS 4 - 5 L. ROBERTO LOMAS P.E. 6 - 14INSTALLATION DETAILS 400 S. PALM AVE, INDIALANTIC, FL 32903 COMPONENTS 15 434-688-0609 rllomas@lrlomaspe.com



Luis R. Lomas P.E. TX No.: 101889 Firm No: F-23130





# SLPS 6'11" INSWING 3/4 LITE PATIO DOOR

DESIGN PRESSURE RATING	IMPACT RATING
±40.0PSF	NONE

HARDWARE SCHEDULE

(3) STEEL 4X4 BUTT HINGE BY WENZHOU LONGTAI (PER PANEL), AT 7 5/8", 37 7/8" & 68 1/8" FROM FRAME HEAD

STAINLESS STEEL, FLUSH BOLT MECHANISM WITH KEEPER AT INACTIVE PANEL LOCK STILE

STAINLESS STEEL DOOR LATCH WITH KEEPER AT ACTIVE PANEL 43 1/2" FROM FRAME HEAD

STAINLESS STEEL DOOR DEADBOLT WITH KEEPER AT ACTIVE PANEL 38" FROM FRAME HEAD

EXTERIOR VIEW

## NOTES:

- 1. PANEL SIZE: 34 1/2" X 79 1/16"
- 2. D.L.O.: 25 1/4" X 47 1/4"

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

SERIES SLPS 6'11" INSWING 3/4 LITE PATIO DOOR NON-IMPACT ELEVATION

DRAWN: DWG NO. REV
A.R. 08-03413 A

SCALE NTS DATE 04/10/19 SHEET 2 OF 15

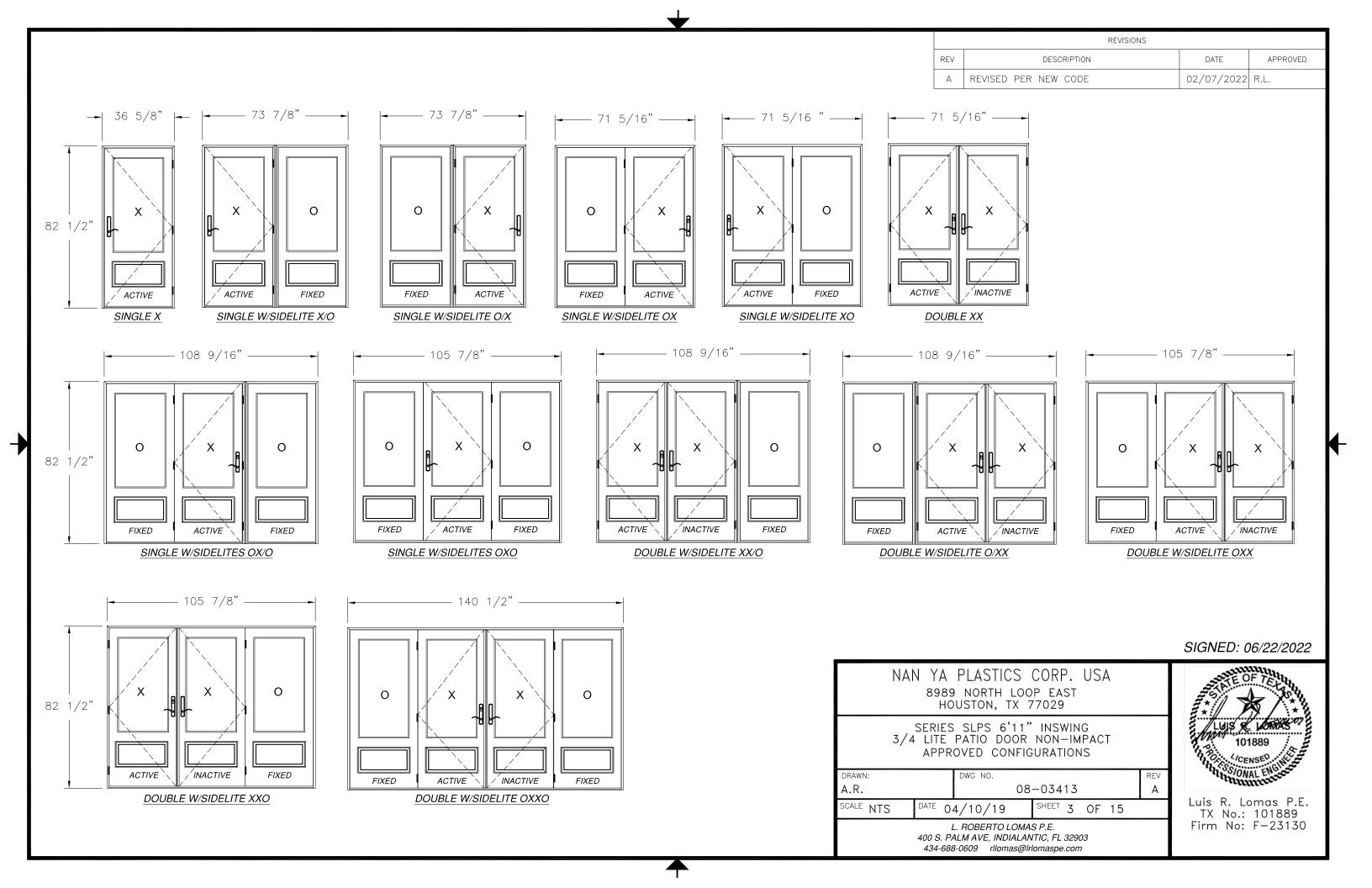
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com



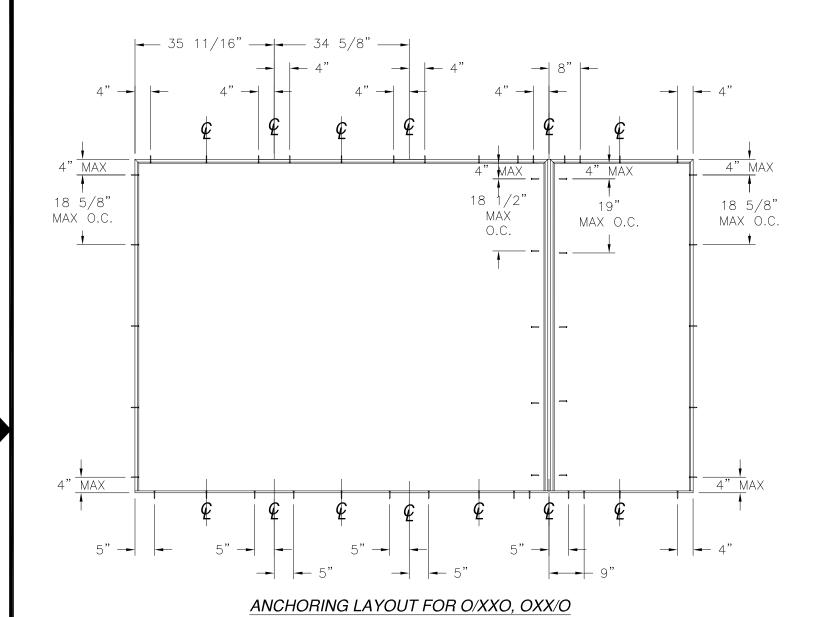
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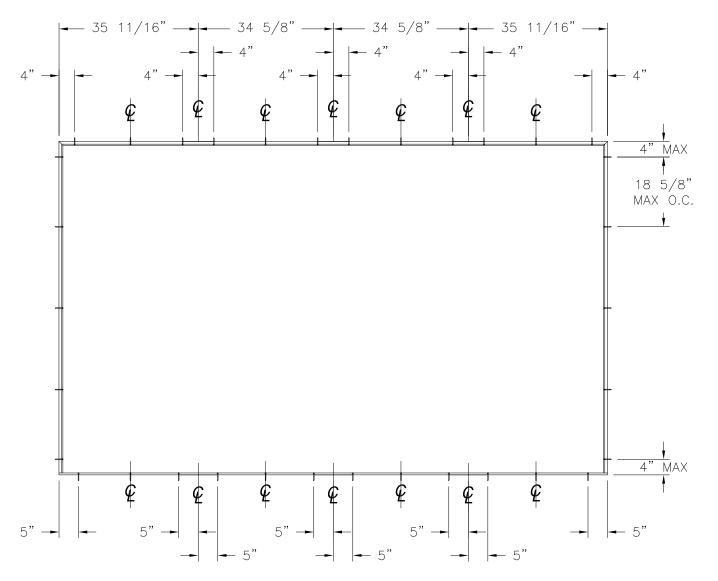
DIE CAST HANDLE SETS AT ACTIVE AND PASSIVEPANELS
ALUMINUM REINFORCEMENT-A AT ASTRAGAL
ALUMINUM REINFORCEMENT-B AT INTEGRAL MULLION

1



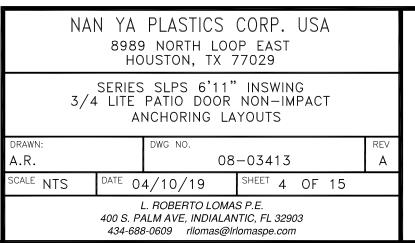
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ANCHORING LAYOUT FOR OXXO

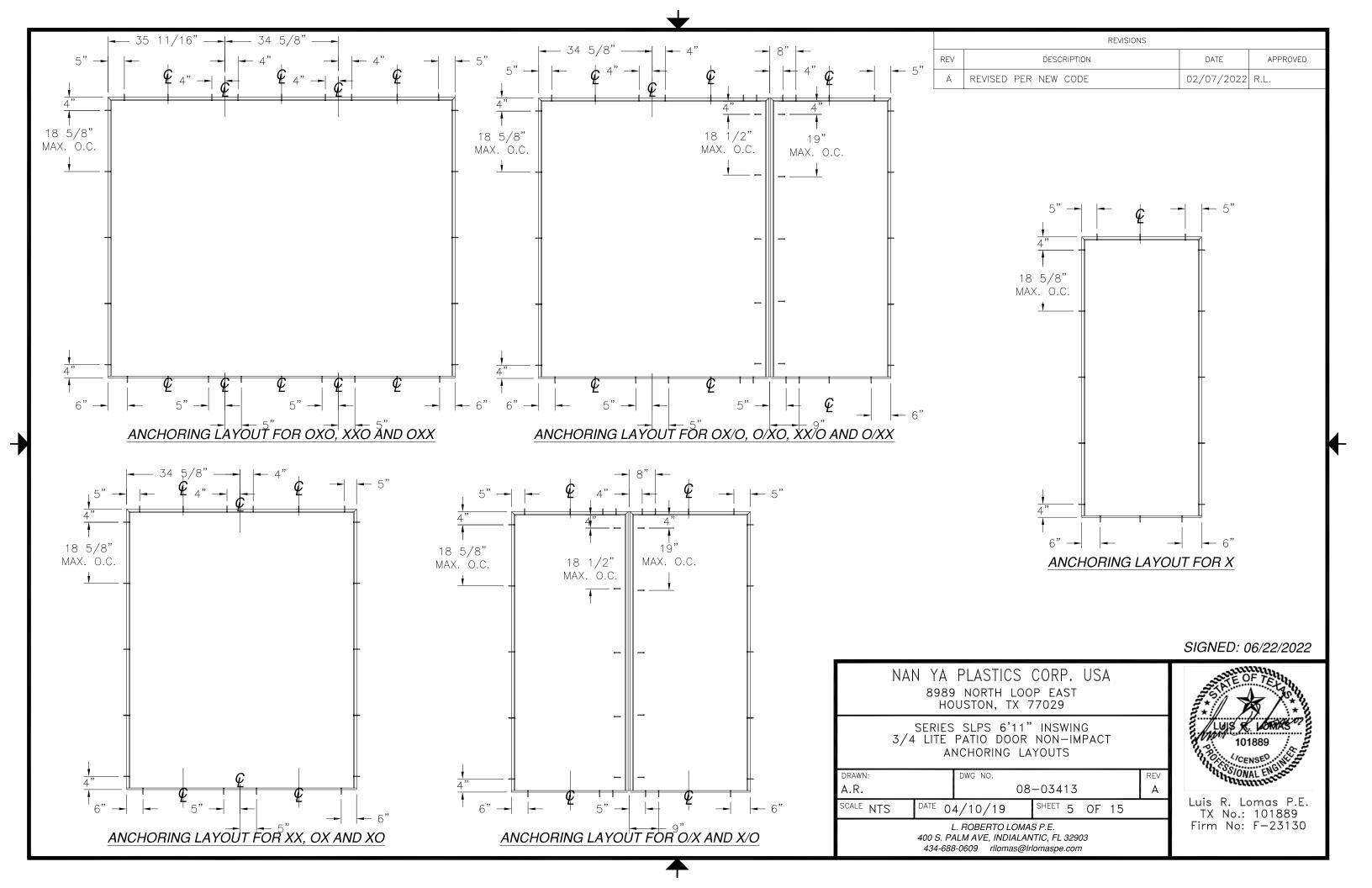
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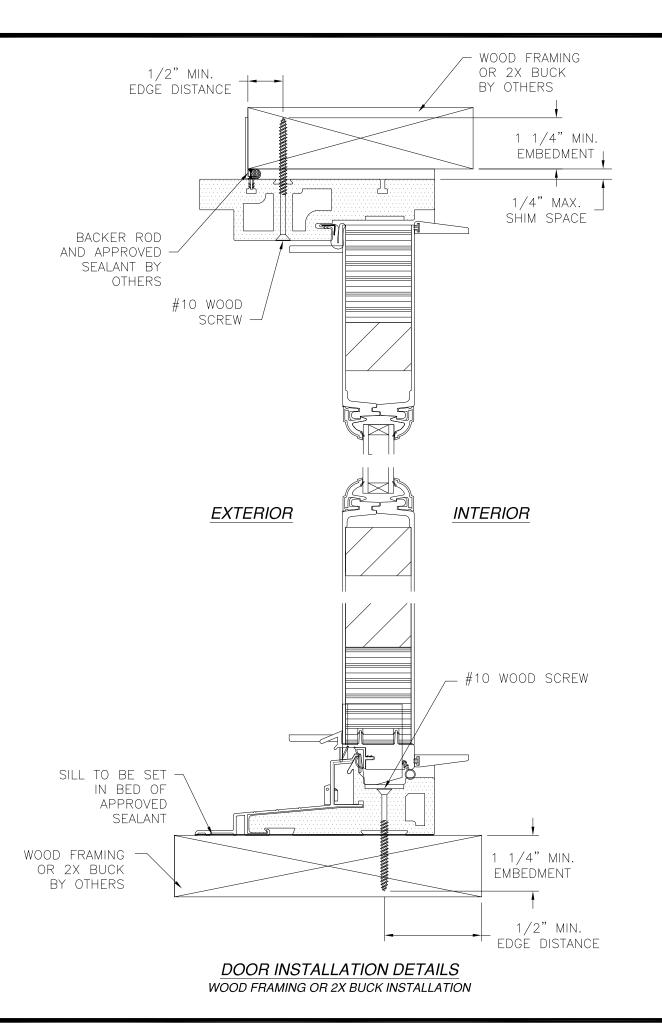




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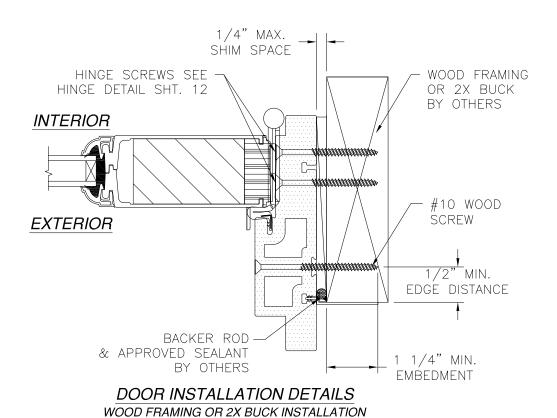




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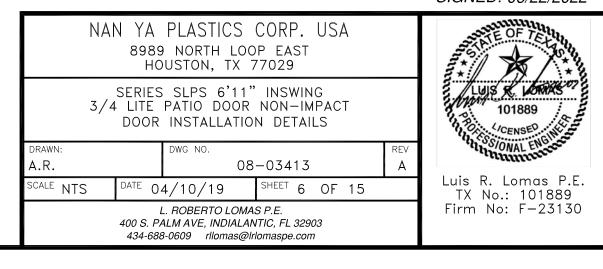
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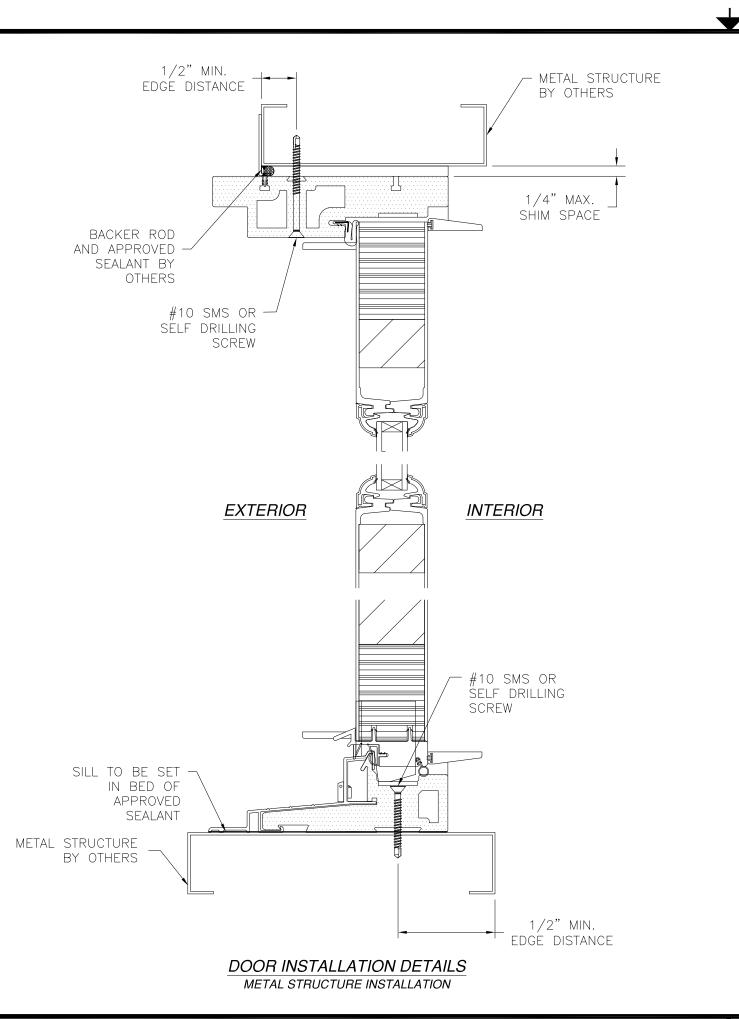


### NOTES:

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

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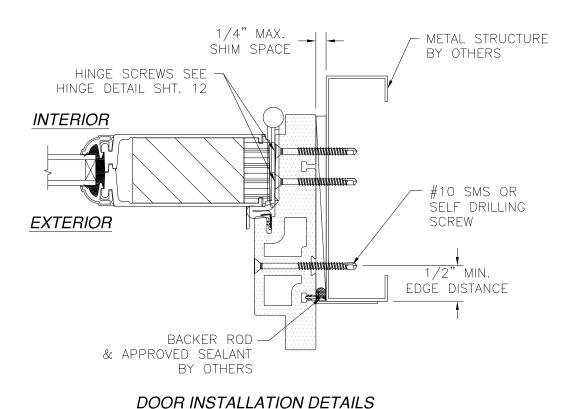




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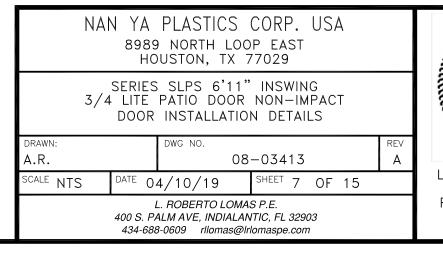
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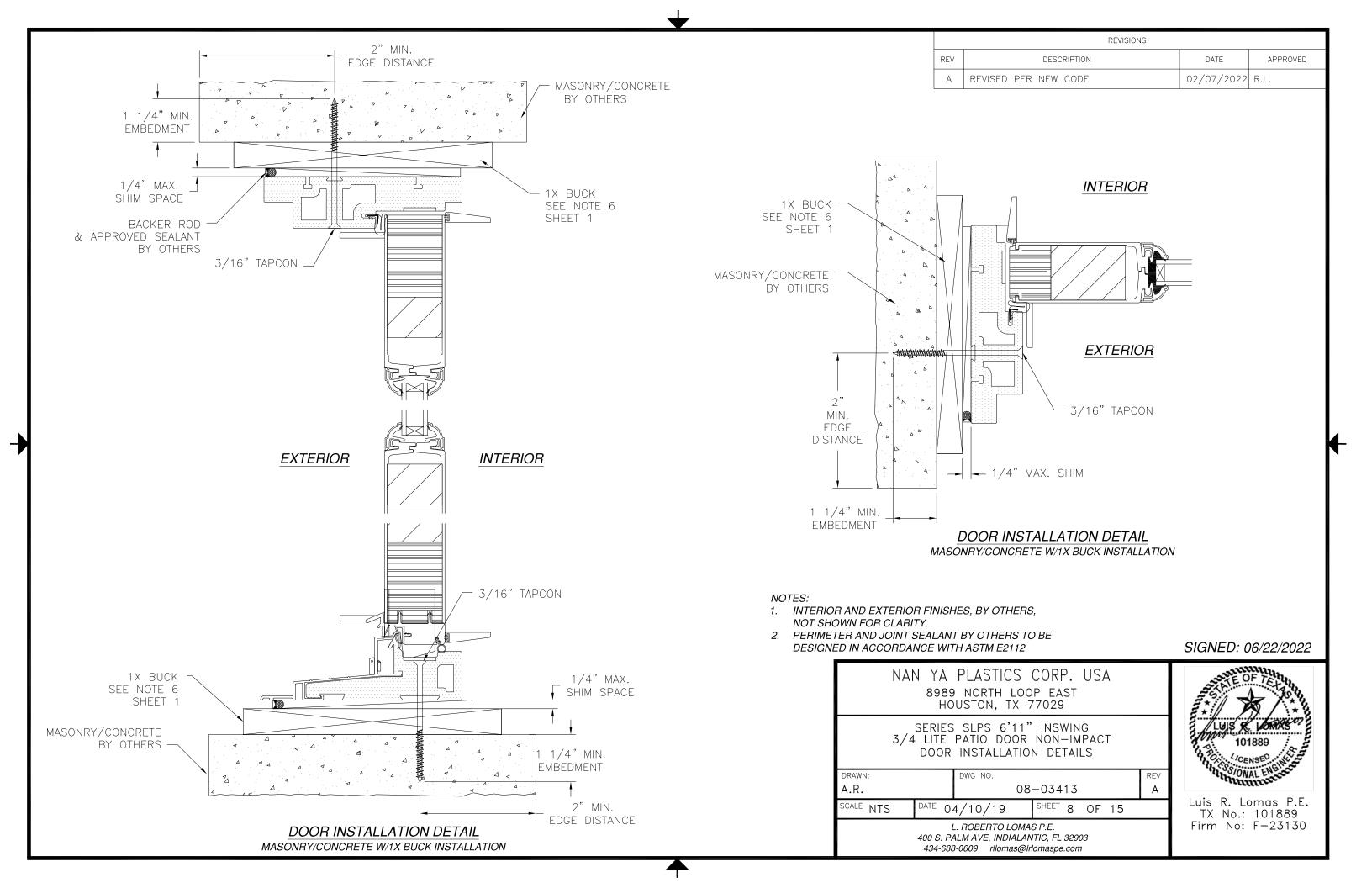


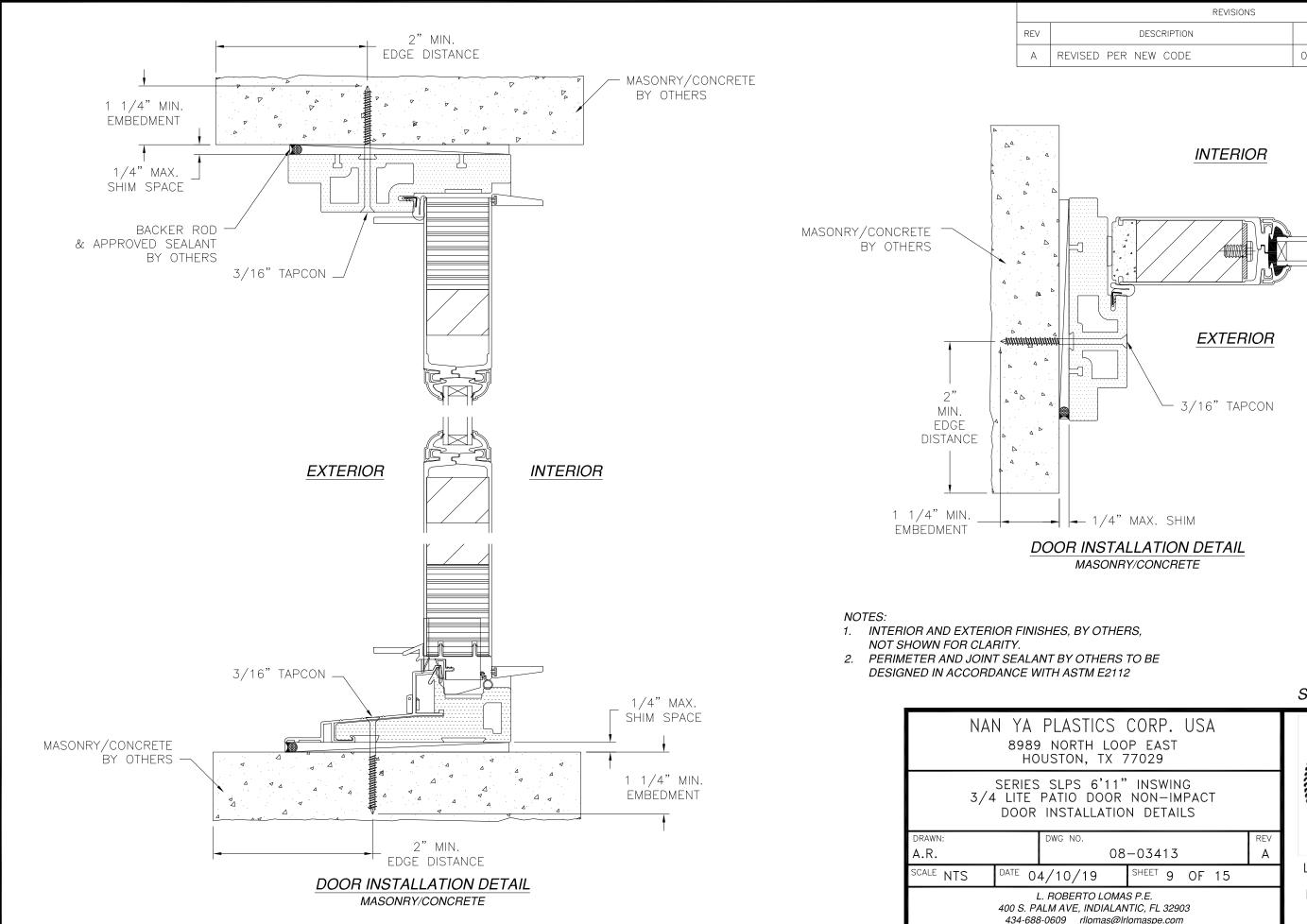
METAL STRUCTURE INSTALLATION



Luis R. Lomas P.E. TX No.: 101889 Firm No: F-23130

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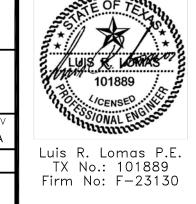


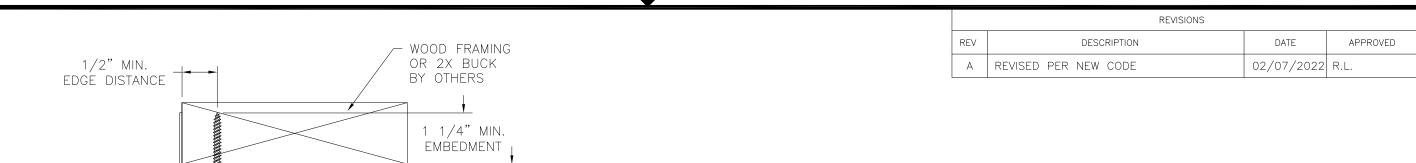
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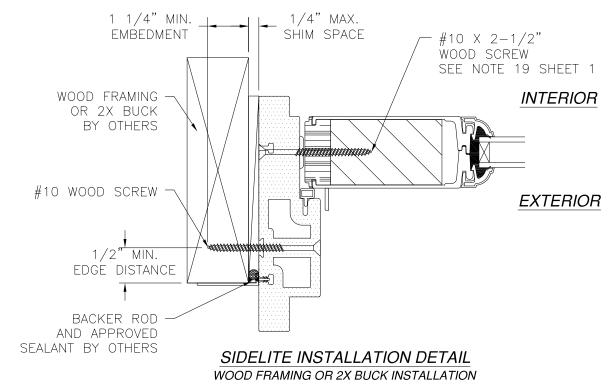
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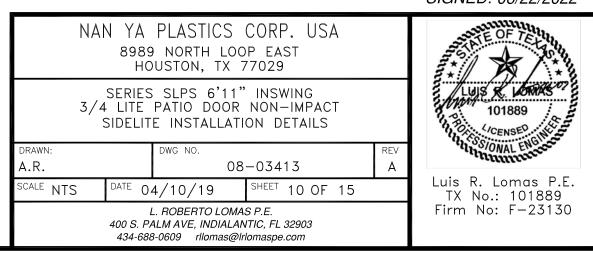


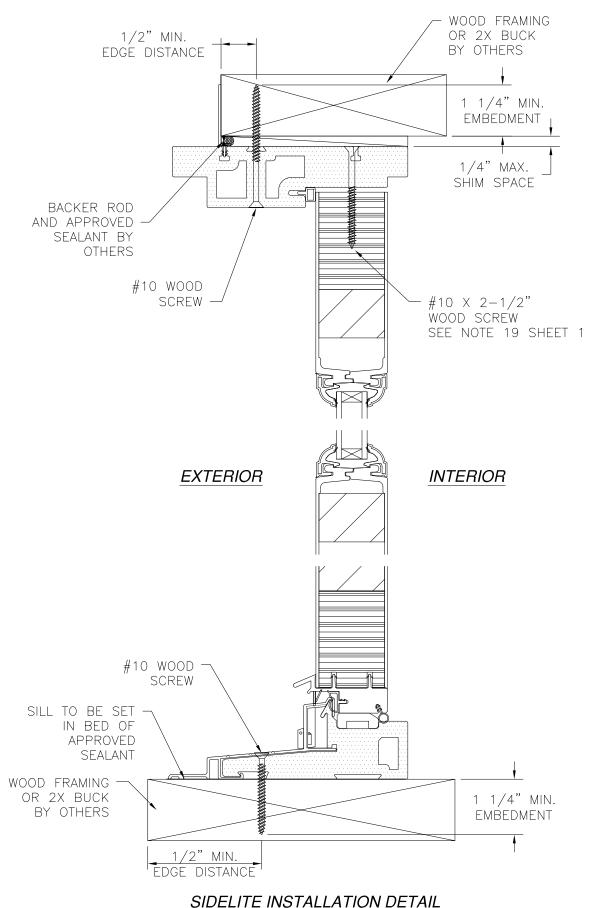


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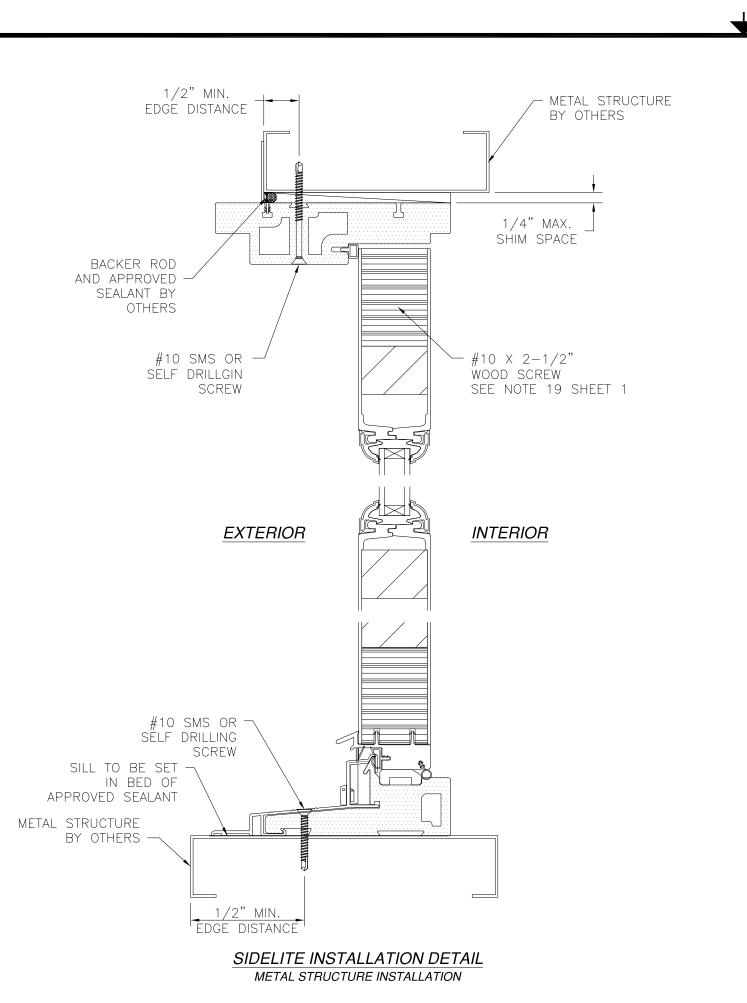
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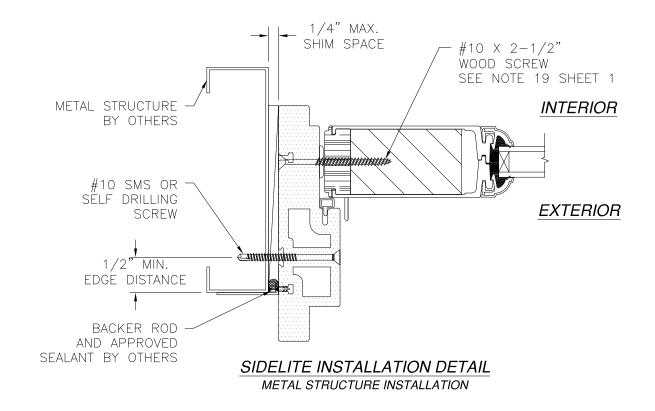




WOOD FRAMING OR 2X BUCK INSTALLATION



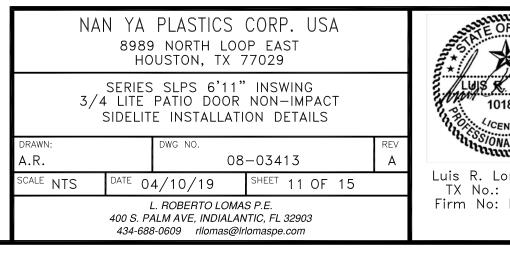
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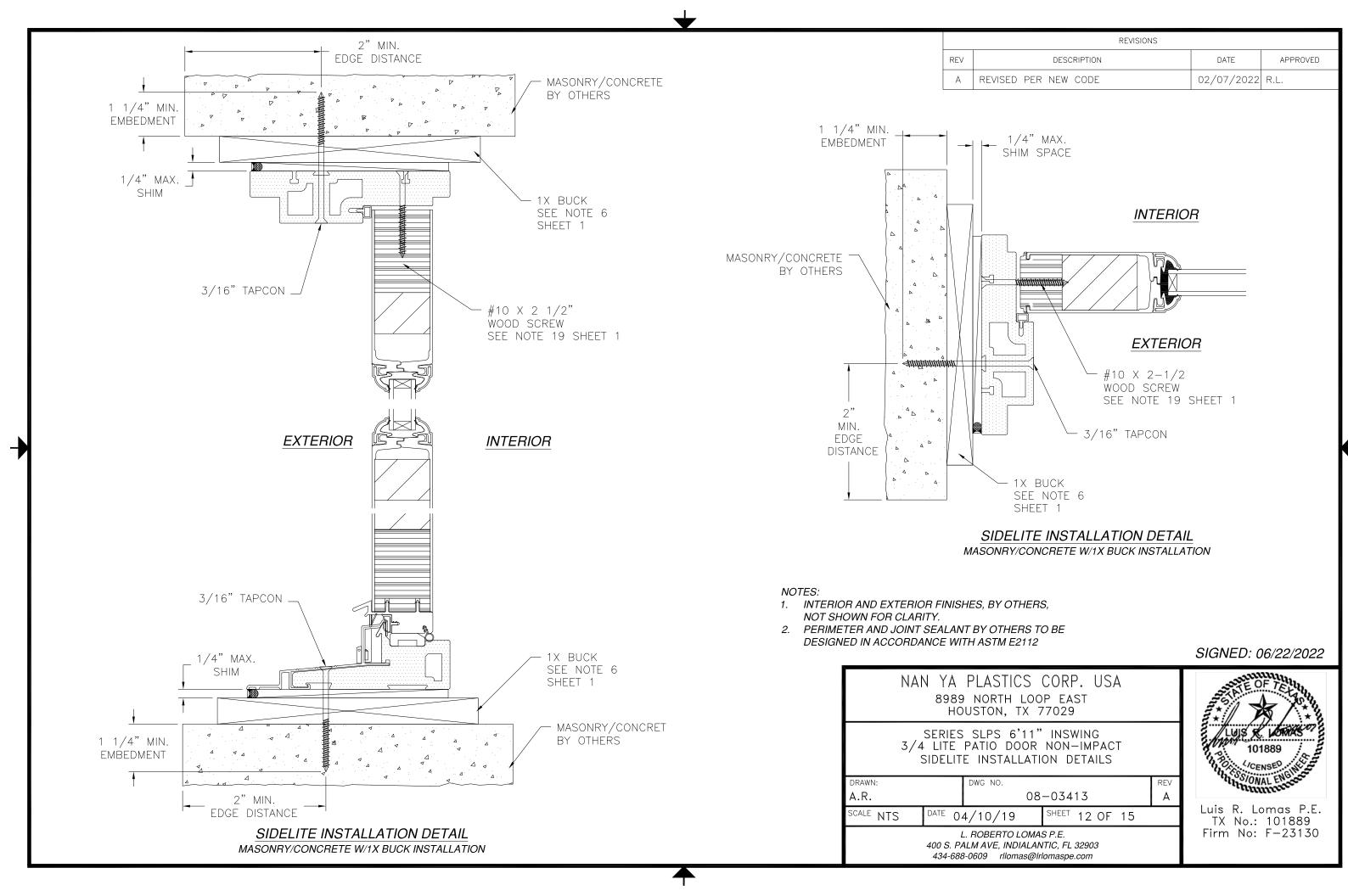
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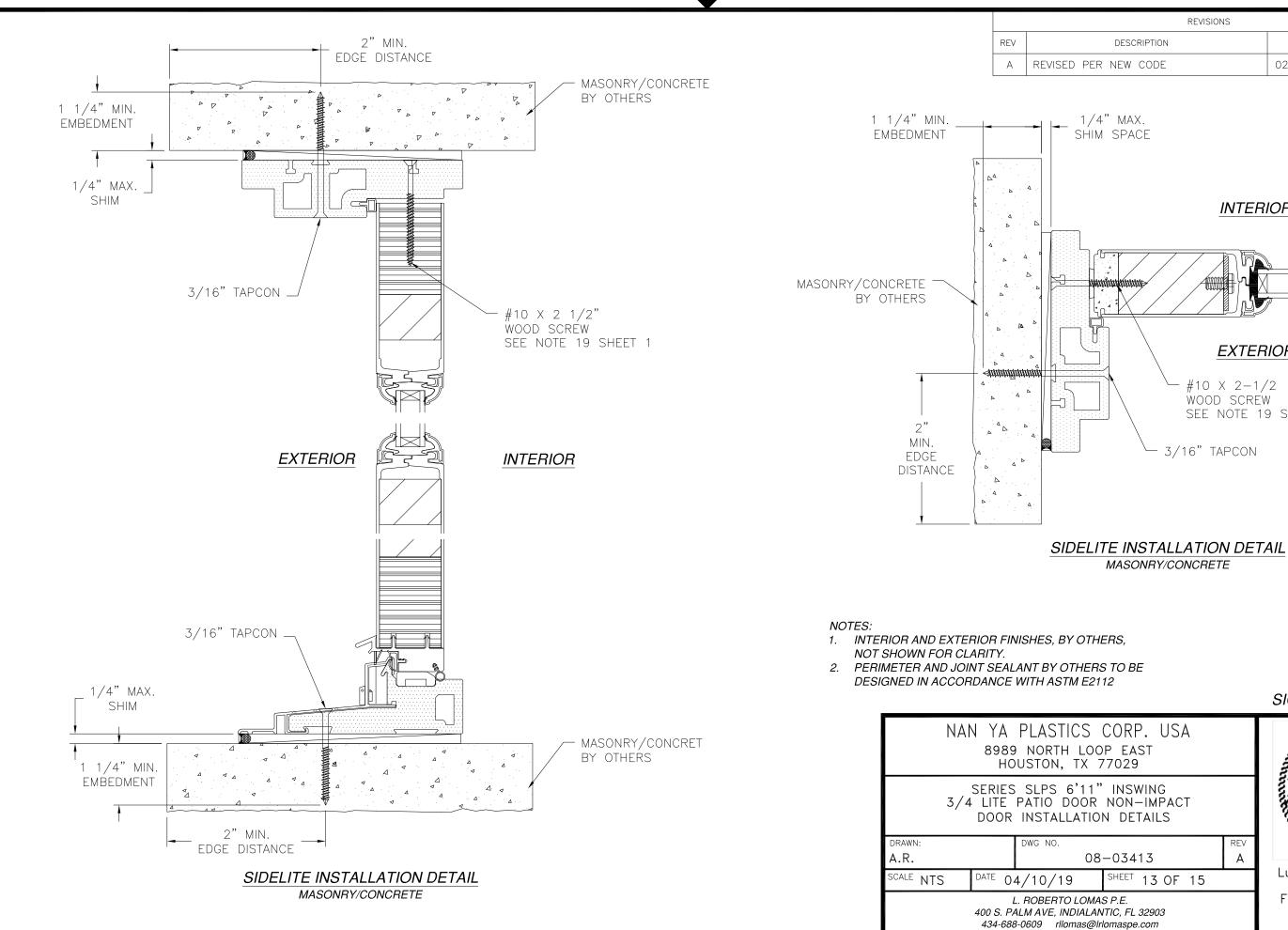
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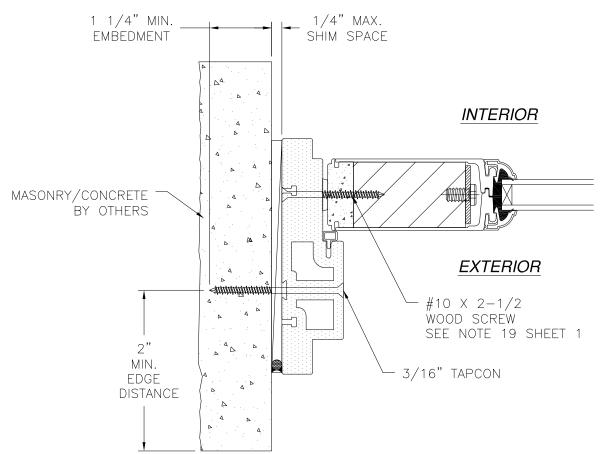


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