| 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. 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 PER ASTM E1300, WITH SAFETY GLAZING.
- 12. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

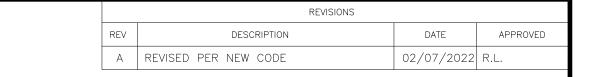
- 13. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 14. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE 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, OX/O, O/XXO, OXX/O AND 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.

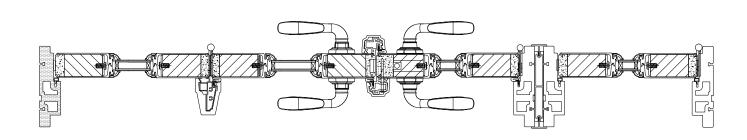
SIGNED: 06/22/2022

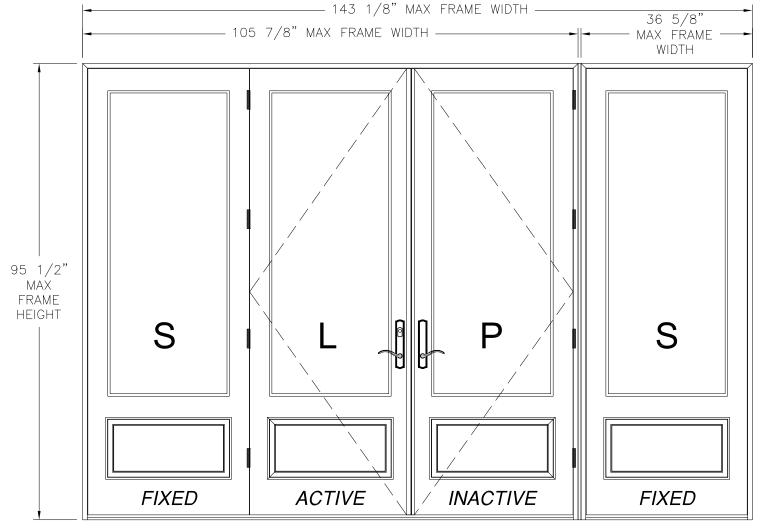
NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029 TABLE OF CONTENTS SERIES SLPS 12080 INSWING SHEET NO. **DESCRIPTION** 3/4 LITE PATIO DOOR NON-IMPACT 1 NOTES NOTES 2 ELEVATION DRAWN: DWG NO. 3 APPROVED CONFIGURATIONS 08-03412 A.R. ANCHORING LAYOUTS SCALE NTS DATE 04/10/19 SHEET 1 OF 16 4 - 5 INSTALLATION DETAILS L. ROBERTO LOMAS P.E. 6 - 15400 S. PALM AVE, INDIALANTIC, FL 32903 COMPONENTS 16 434-688-0609 rllomas@lrlomaspe.com

LUIS LONNAS 101889 1000 LICENSEO

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







NOTES

- 1. PANEL SIZE: 34 1/2" X 92 1/16"
- 2. D.L.O.: 25 1/4" X 63 1/4"

SLPS 12080 INSWING 3/4 LITE PATIO DOOR EXTERIOR VIEW

| DESIGN PRESSURE RATING | IMPACT RATING |  |
|------------------------|---------------|--|
| ±40.0PSF               | NONE          |  |

### HARDWARE SCHEDULE

- A. (4) STEEL 4X4 BUTT HINGE BY WENZHOU LONGTAI (PER PANEL), AT 5 3/4", 31 1/4", 56 3/4" & 82 1/4" FROM FRAME HEAD
- B. STAINLESS STEELMULTI-POINT LOCKING SYSTEM WITH KEEPERS AT ACTIVE AND PASSIVE PANEL
- C. STAINLESS STEEL TOP/BOTTOM DRIVE BAR SYSTEM WITH KEEPERS AT ACTIVE PANEL
- D. DIE CAST HANDLE SETS AT ACTIVE AND PASSIVE PANELS
- ALUMINUM REINFORCEMENT-A AT ASTRAGAL

| NAN YA PLASTICS CORP. USA |   |
|---------------------------|---|
| 8989 NORTH LOOP EAST      |   |
| HOUSTON, TX 77029         |   |
| CERIES CURS 40000 INCWING | Т |

SERIES SLPS 12080 INSWING 3/4 LITE PATIO DOOR NON-IMPACT ELEVATION

DRAWN: DWG NO. REV
A.R. 08-03412 A

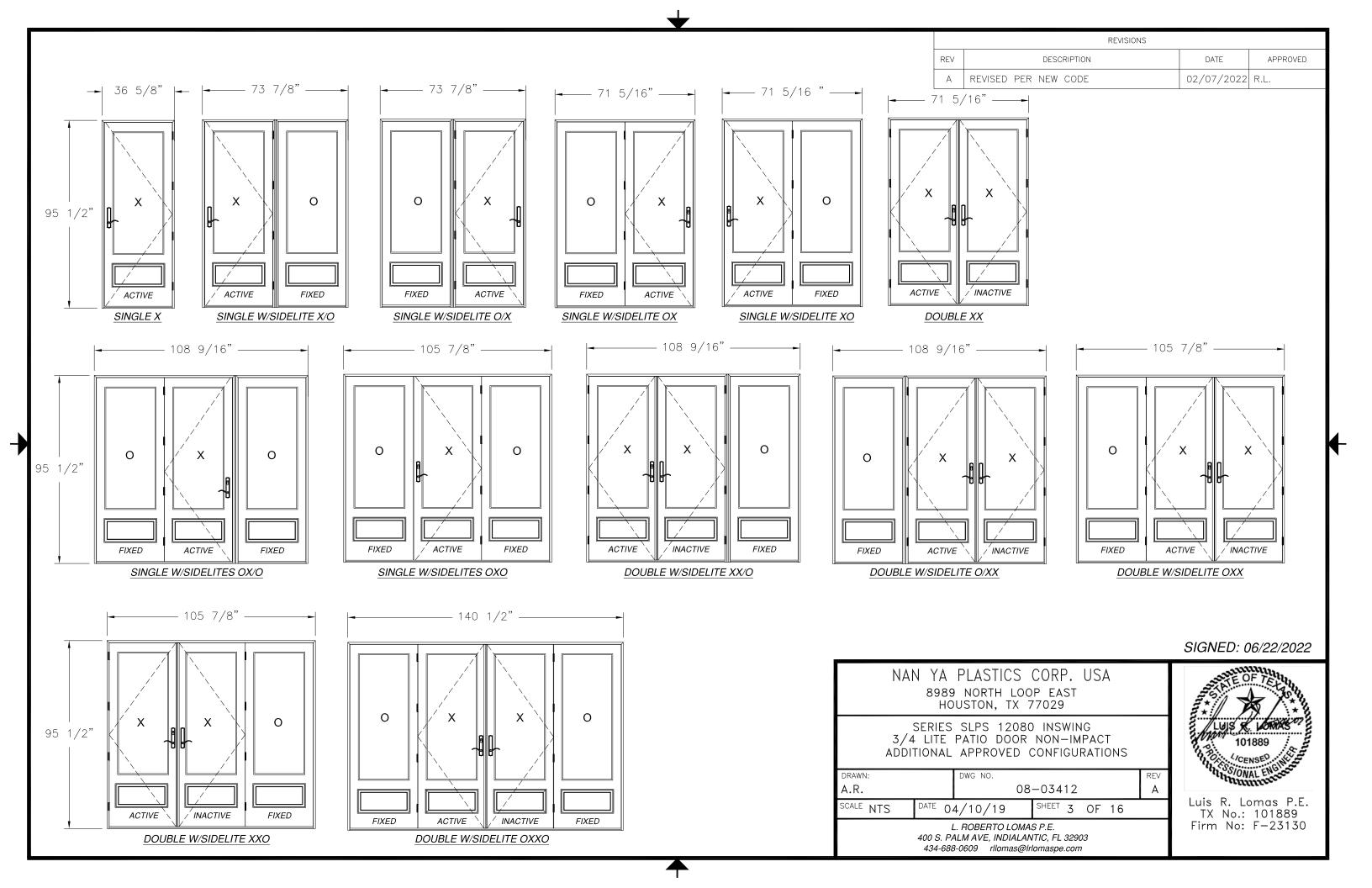
SCALE NTS DATE 04/10/19 SHEET 2 OF 16

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

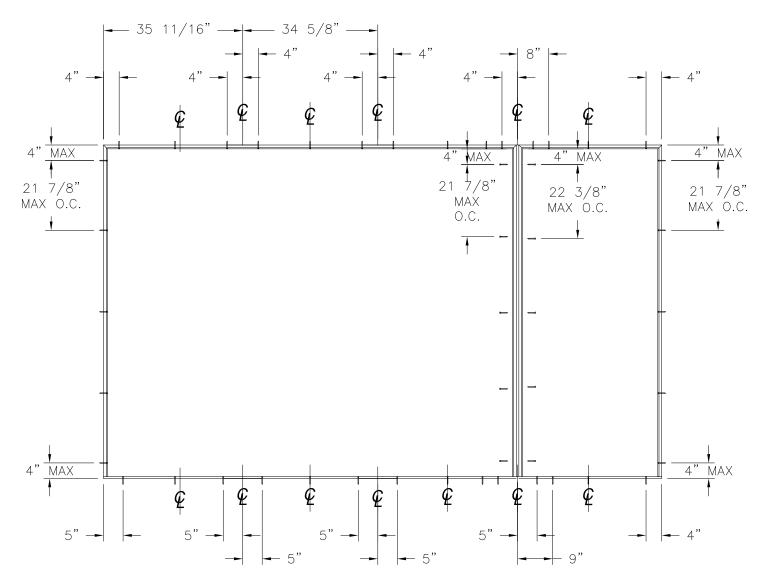


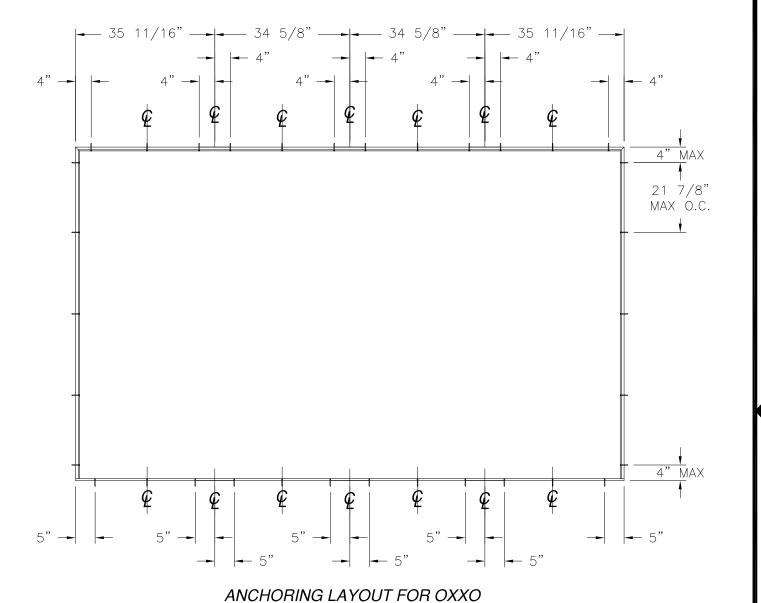
SIGNED: 06/22/2022

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



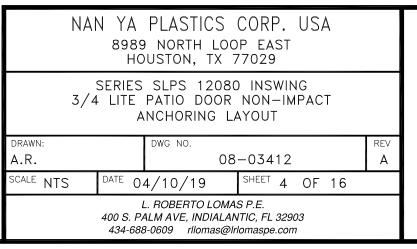
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|-----------|----------------------|------------|----------|--|--|
| REV       | DESCRIPTION          | DATE       | APPROVED |  |  |
| А         | REVISED PER NEW CODE | 02/07/2022 | R.L.     |  |  |





ANCHORING LAYOUT FOR O/XXO, OXX/O

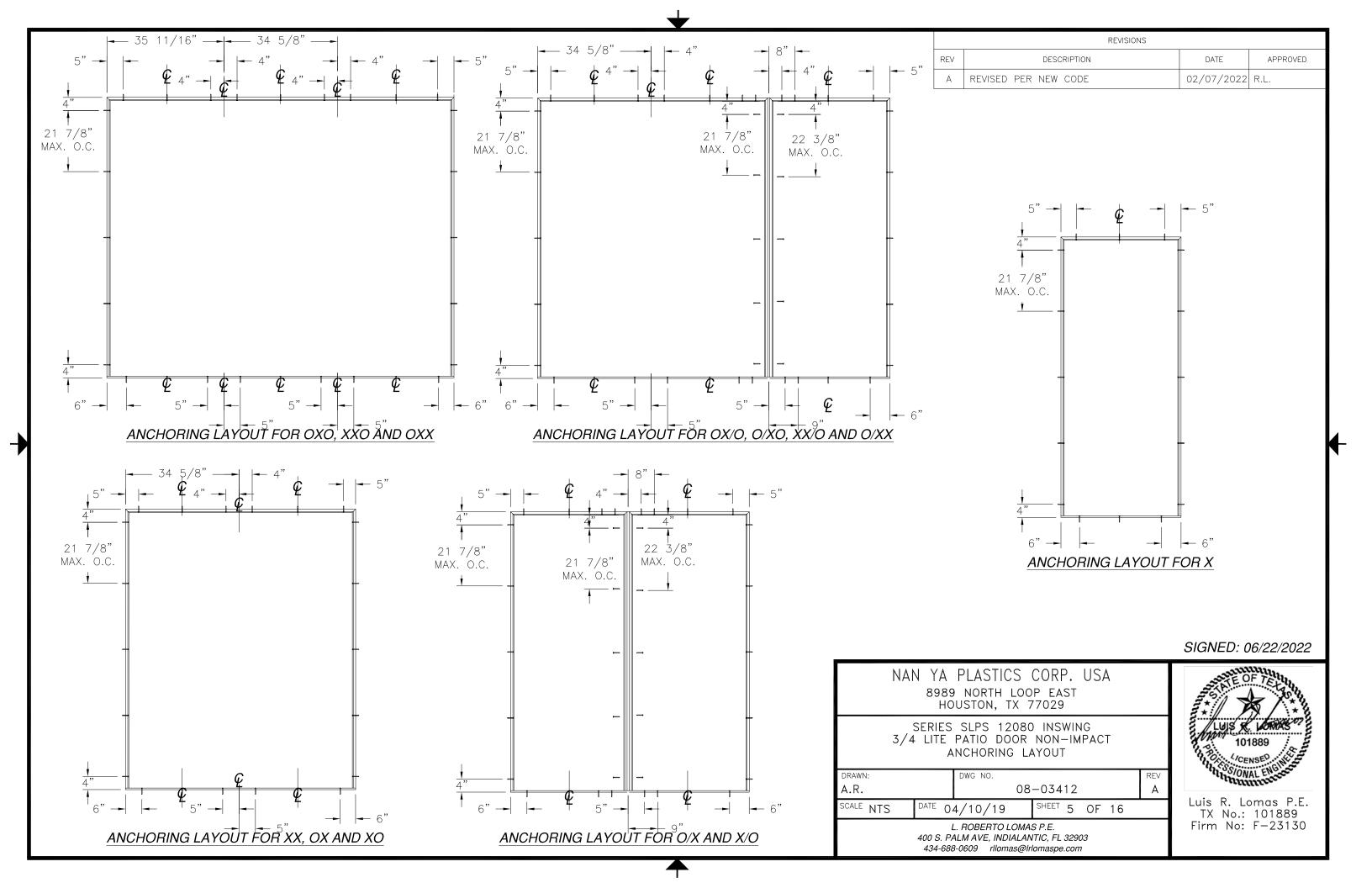
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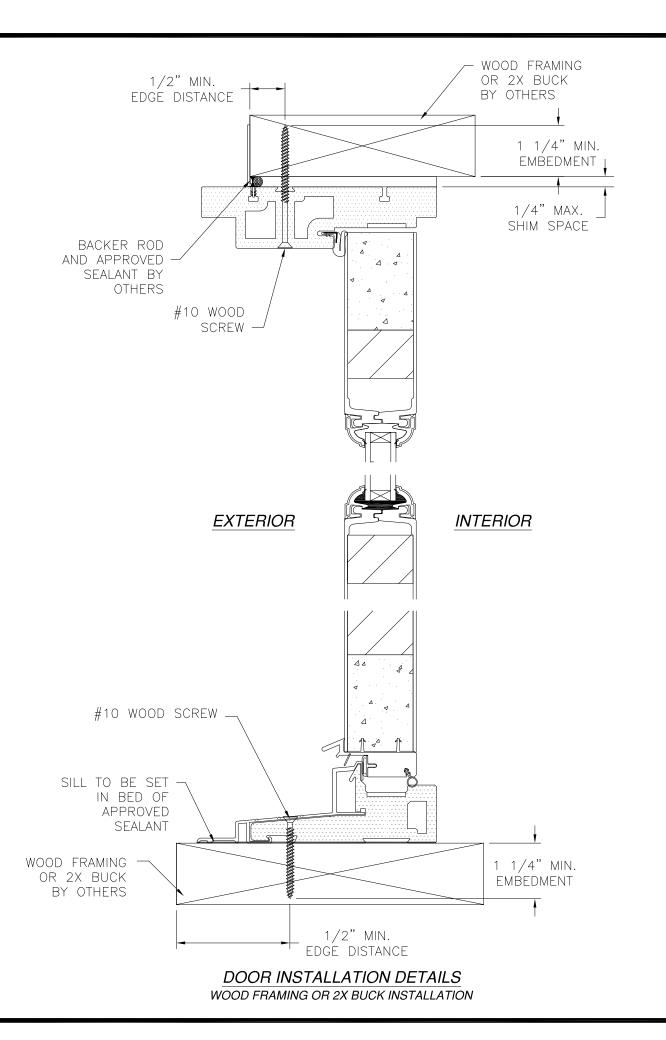




Luis R. Lomas P.E. TX No.: 101889 Firm No: F-23130

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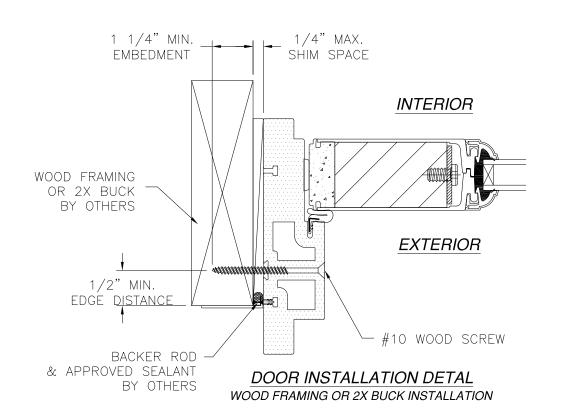




REVISIONS

REV DESCRIPTION DATE APPROVED

A REVISED PER NEW CODE 02/07/2022 R.L.



### 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

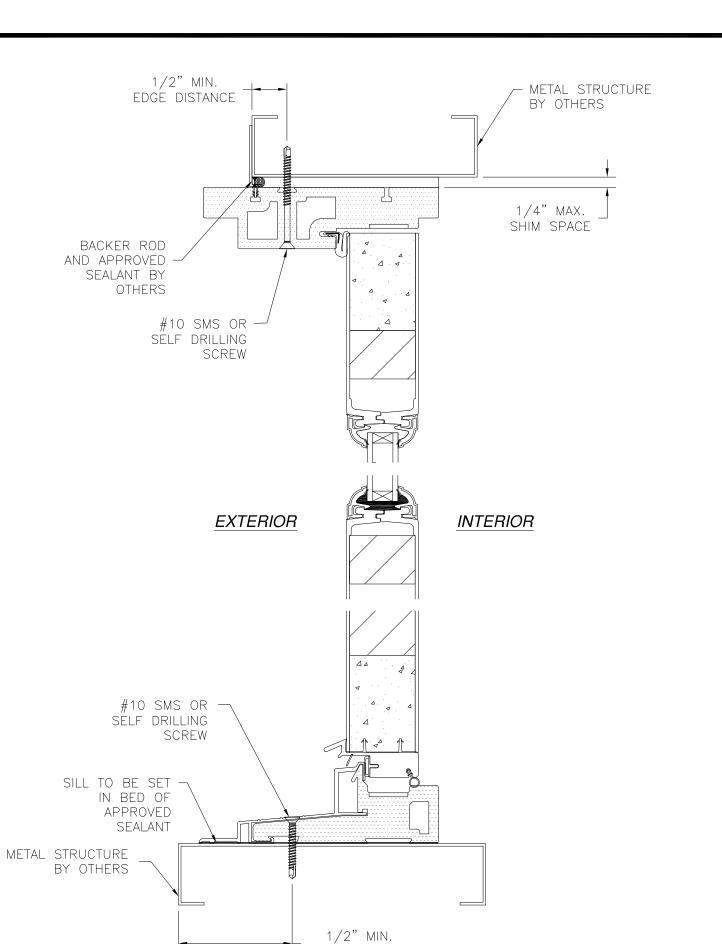
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Luis R. Lomas P.E. TX No.: 101889 Firm No: F-23130

<del>\*</del>



EDGE DISTANCE

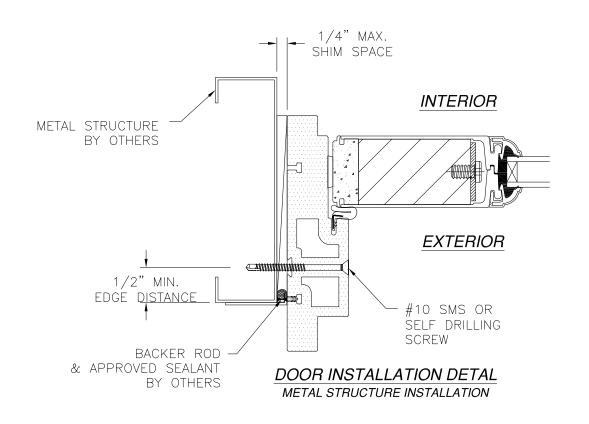
DOOR INSTALLATION DETAILS

METAL STRUCTURE INSTALLATION

REVISIONS

REV DESCRIPTION DATE APPROVED

A REVISED PER NEW CODE 02/07/2022 R.L.



### NOTES:

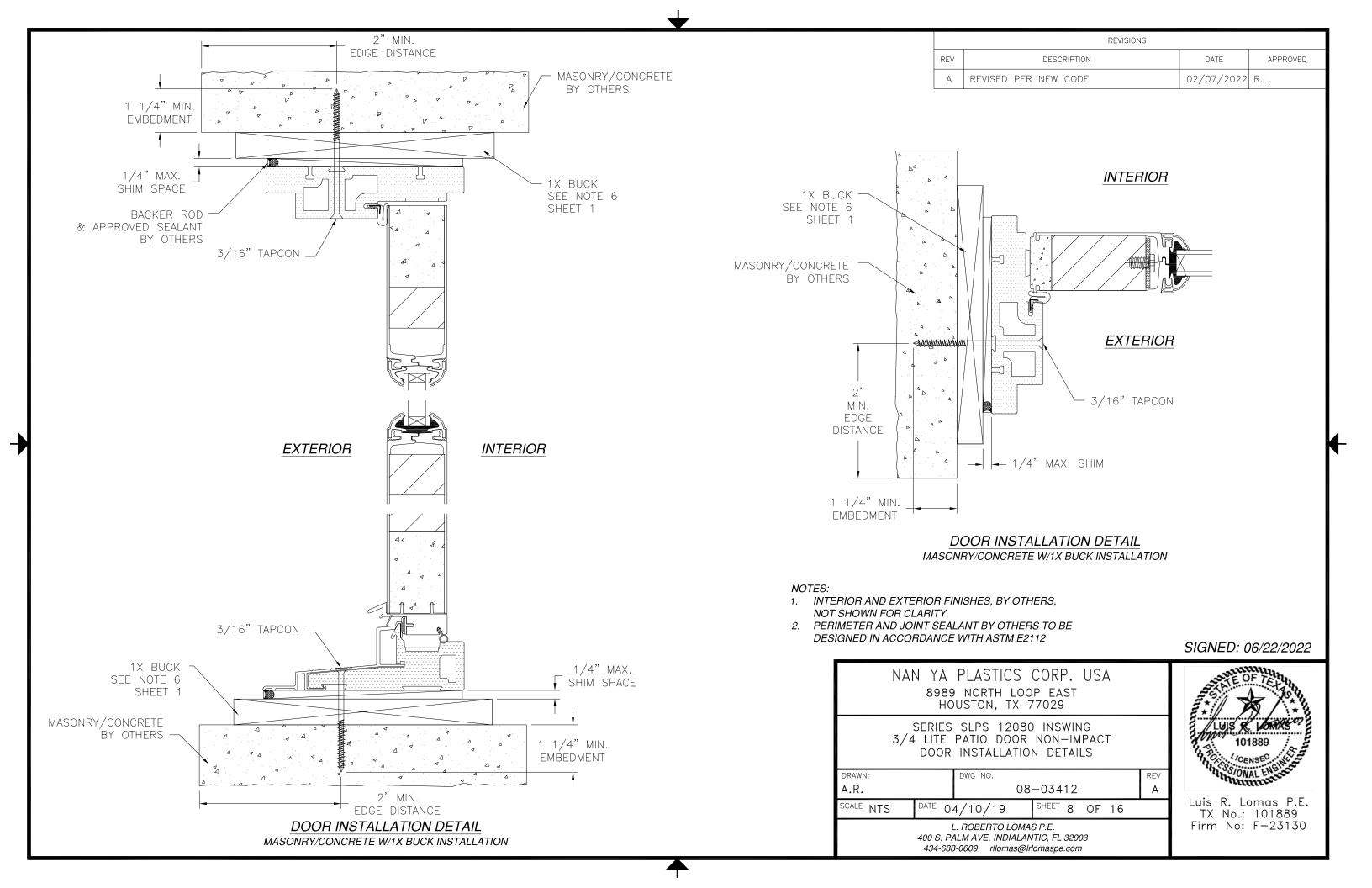
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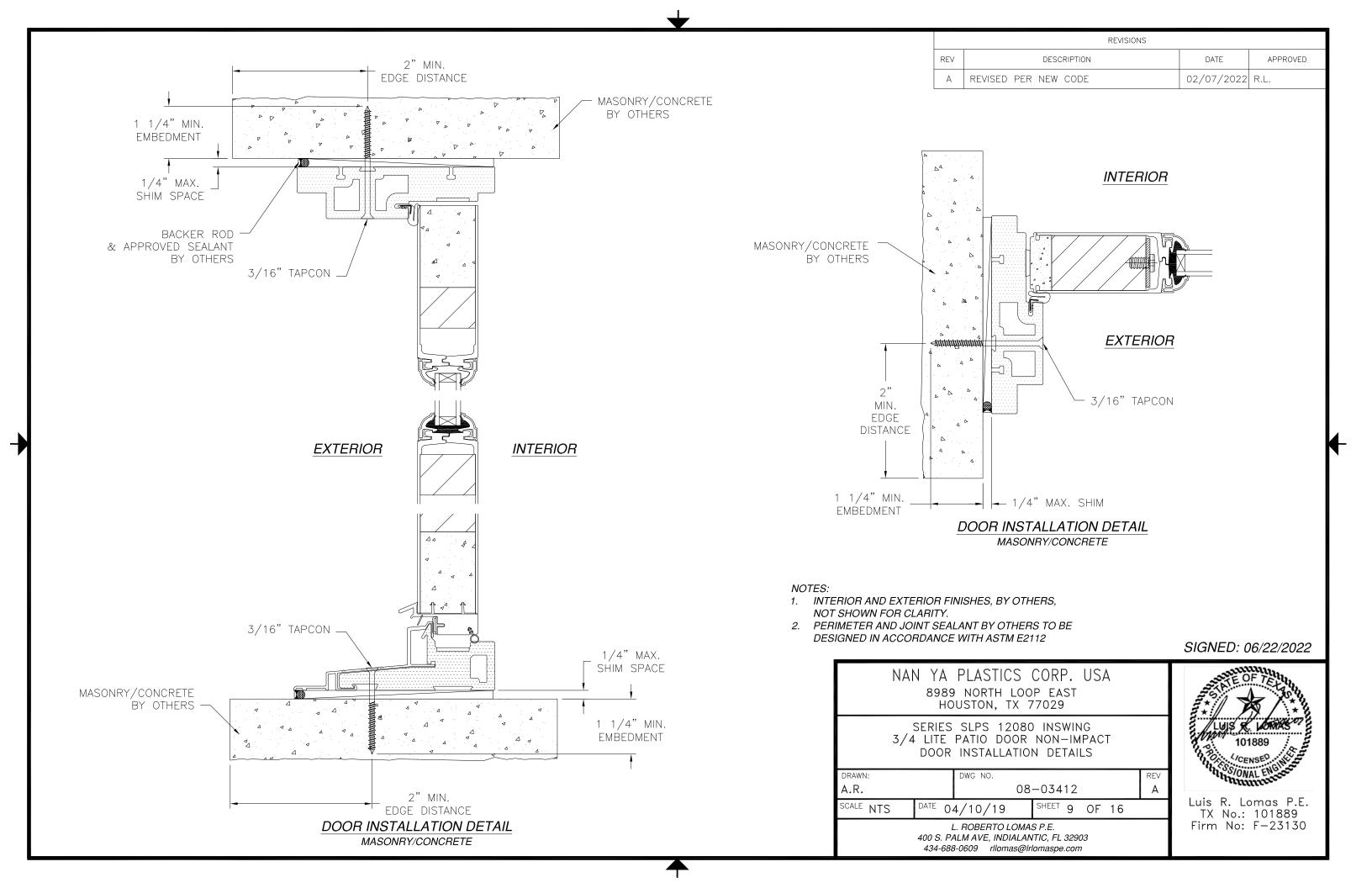
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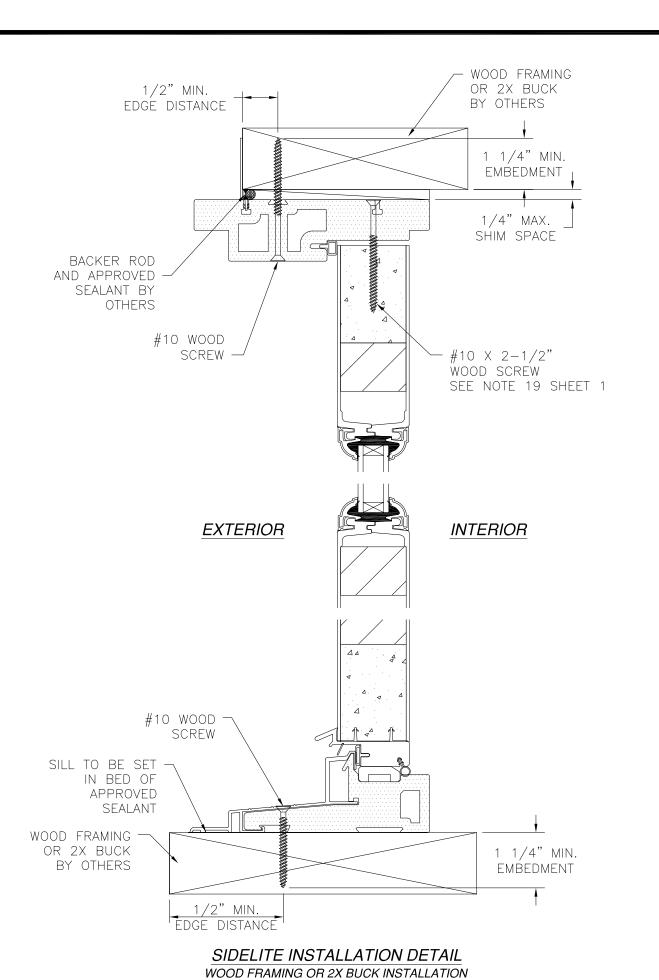




Luis R. Lomas P.E. TX No.: 101889 Firm No: F-23130



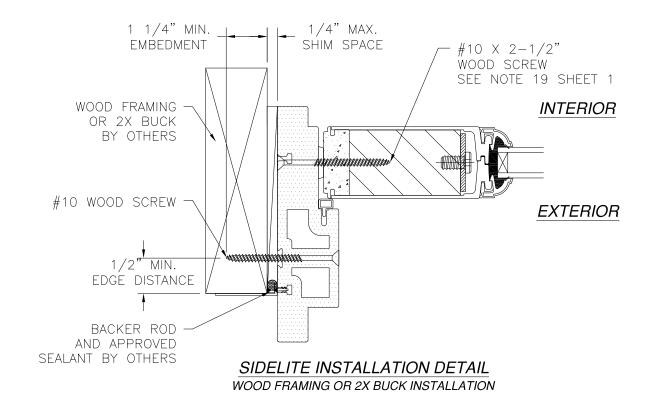




REVISIONS

REV DESCRIPTION DATE APPROVED

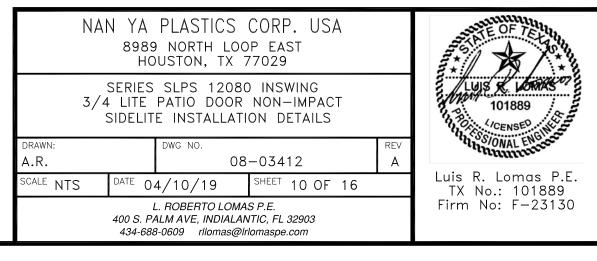
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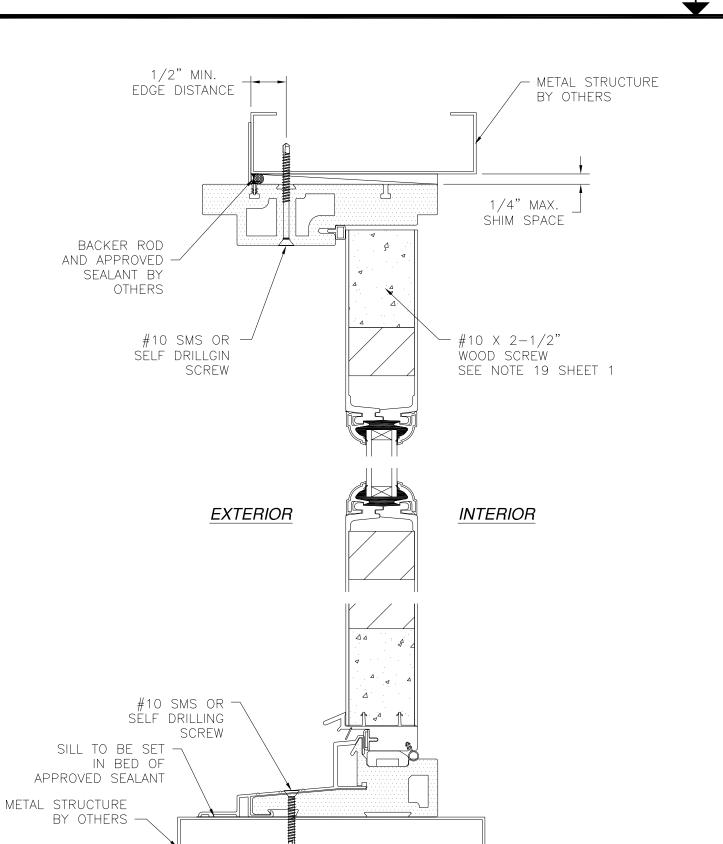


### NOTES:

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SIDELITE INSTALLATION DETAIL

METAL STRUCTURE INSTALLATION

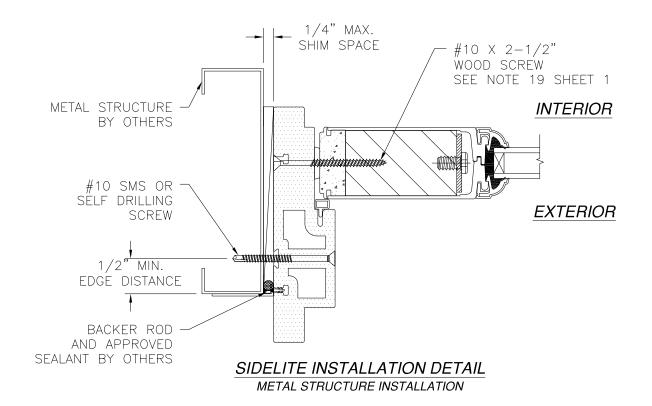
1/2" MIN.

EDGE DISTANCE

REVISIONS

REV DESCRIPTION DATE APPROVED

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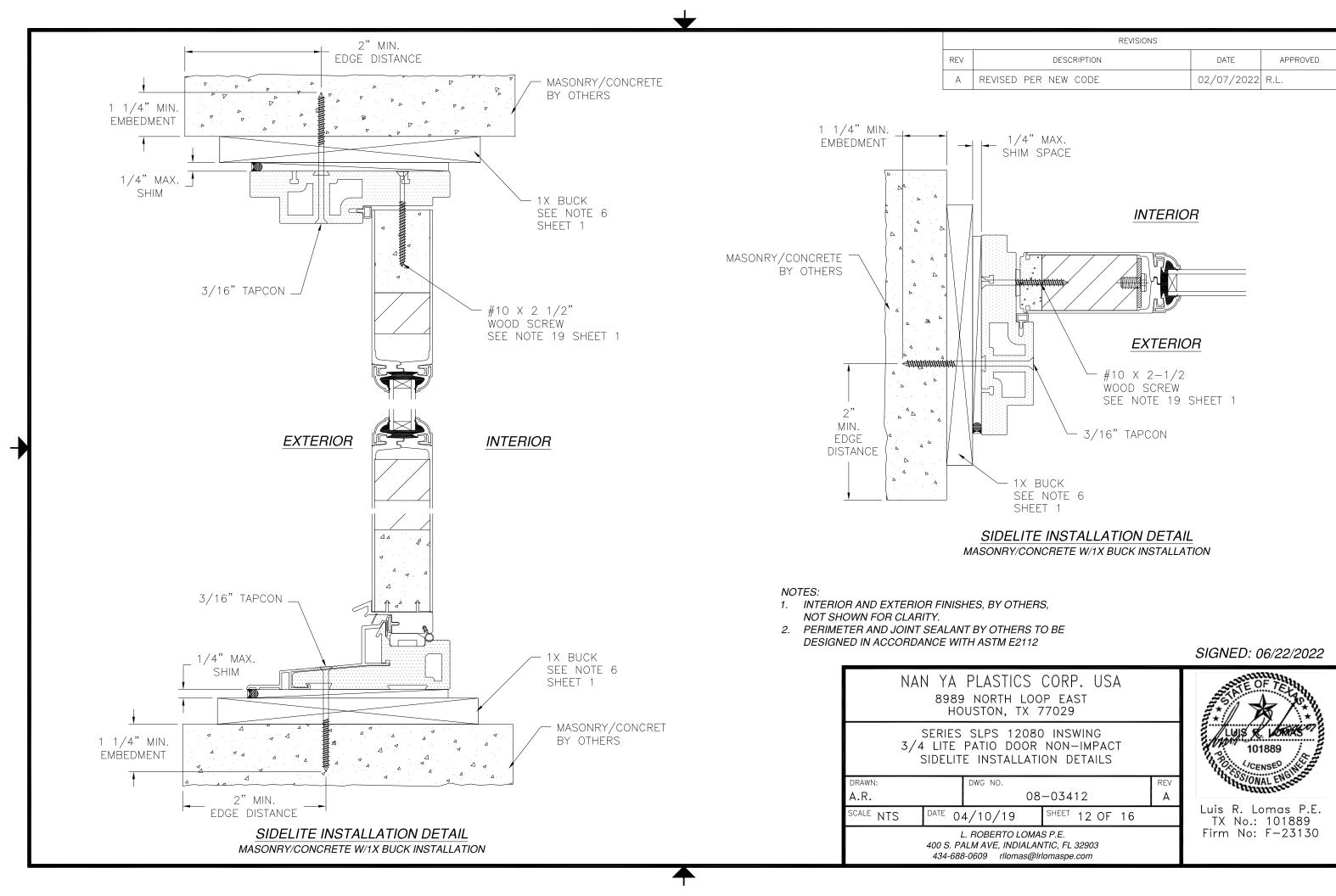
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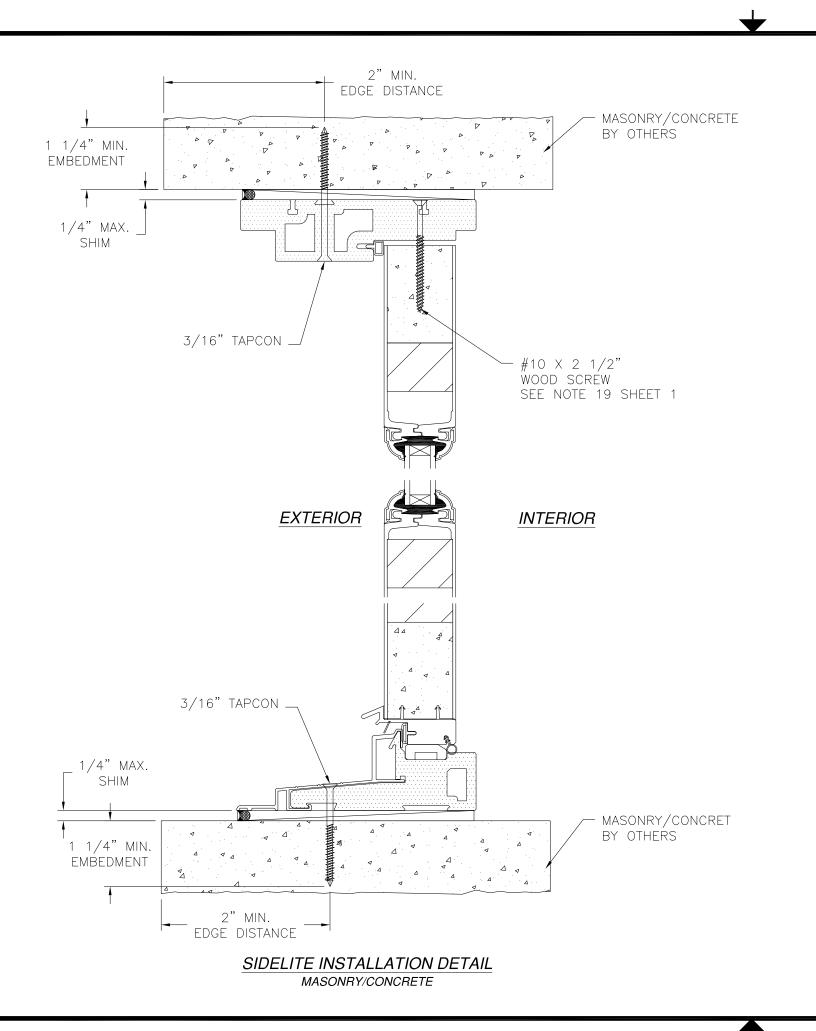


Luis R. Lomas P.E. TX No.: 101889 Firm No: F-23130

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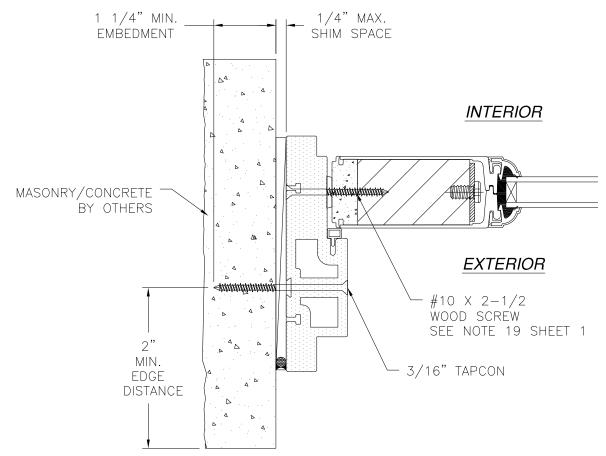
APPROVED



REVISIONS

REV DESCRIPTION DATE APPROVED

A REVISED PER NEW CODE 02/07/2022 R.L.

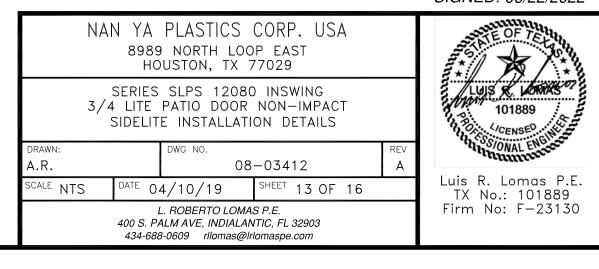


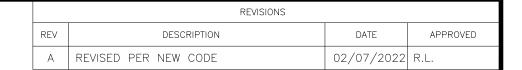
# SIDELITE INSTALLATION DETAIL MASONRY/CONCRETE

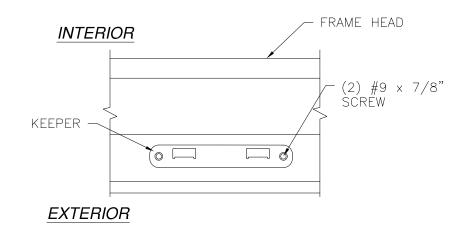
### NOTES:

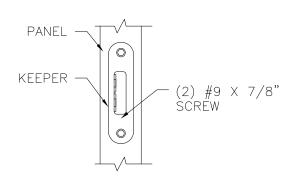
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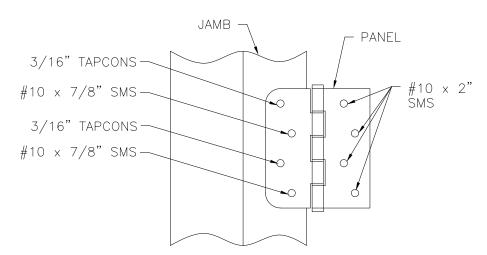
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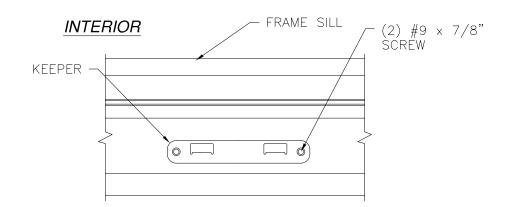




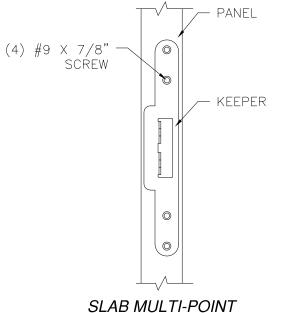


HOOK KEEPER DETAIL

HINGE INSTALLATION DETAIL MASONRY/CONCRETE INSTALLATION



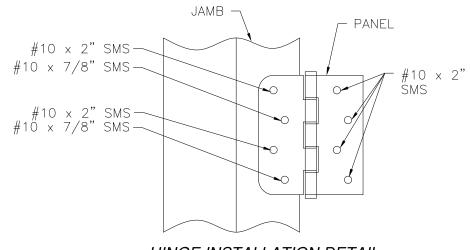
HEAD KEEPER DETAIL

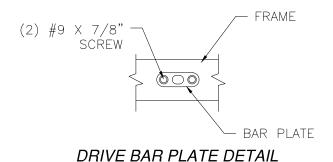


LOCK KEEPER DETAIL

SILL KEEPER DETAIL

**EXTERIOR** 







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

SERIES SLPS 12080 INSWING 3/4 LITE PATIO DOOR NON-IMPACT INSTALLATION DETAILS

| INSTALLATION DETAILS                |                  |  |  |  |  |
|-------------------------------------|------------------|--|--|--|--|
| DWG NO.                             | REV              |  |  |  |  |
| 08-03412                            | Α                |  |  |  |  |
| LE NTS DATE 04/10/19 SHEET 14 OF 16 |                  |  |  |  |  |
|                                     | DWG NO. 08-03412 |  |  |  |  |

LUIS LONNAS OF THE TOTAL TOTAL

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

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

