

| REVISIONS |                              |            |          |
|-----------|------------------------------|------------|----------|
| REV       | DESCRIPTION                  | DATE       | APPROVED |
| F         | REVISED ADDRESS & SILL RISER | 07/08/2026 | R.L.     |

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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 3/4” THICK.
12. FRAME SILL MATERIAL: CO–EXTRUDED PVC FOAM 1/32” THICK.
13. DOOR PANEL MATERIAL: PVC COMPOSITE FOAM WITH AN EXTRUDED PVC SKIN .031” THICK.
14. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
15. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

16. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4” 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.
18. 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.
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 .054” THICK MINIMUM
21. APPROVED CONFIGURATIONS: XO, OX.
22. STEEL REINFORCEMENTS AT STILES ARE OPTIONAL.

SIGNED: 08/07/2026

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| 7                 | COMPONENTS           |

NAN YA PLASTICS CORP. USA  
4016 SHADRACK ST.  
HOUSTON, TX 77013

GLIDING TWO PANEL PATIO DOOR  
71 3/8” X 79 1/2” NON–IMPACT  
NOTES

DRAWN:  
TJH

DWG NO.  
08–01099

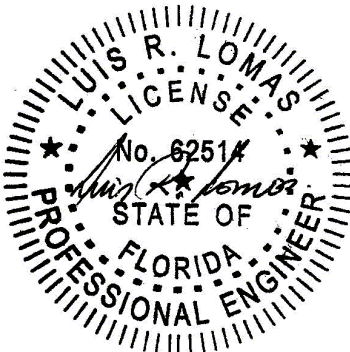
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SCALE NTS

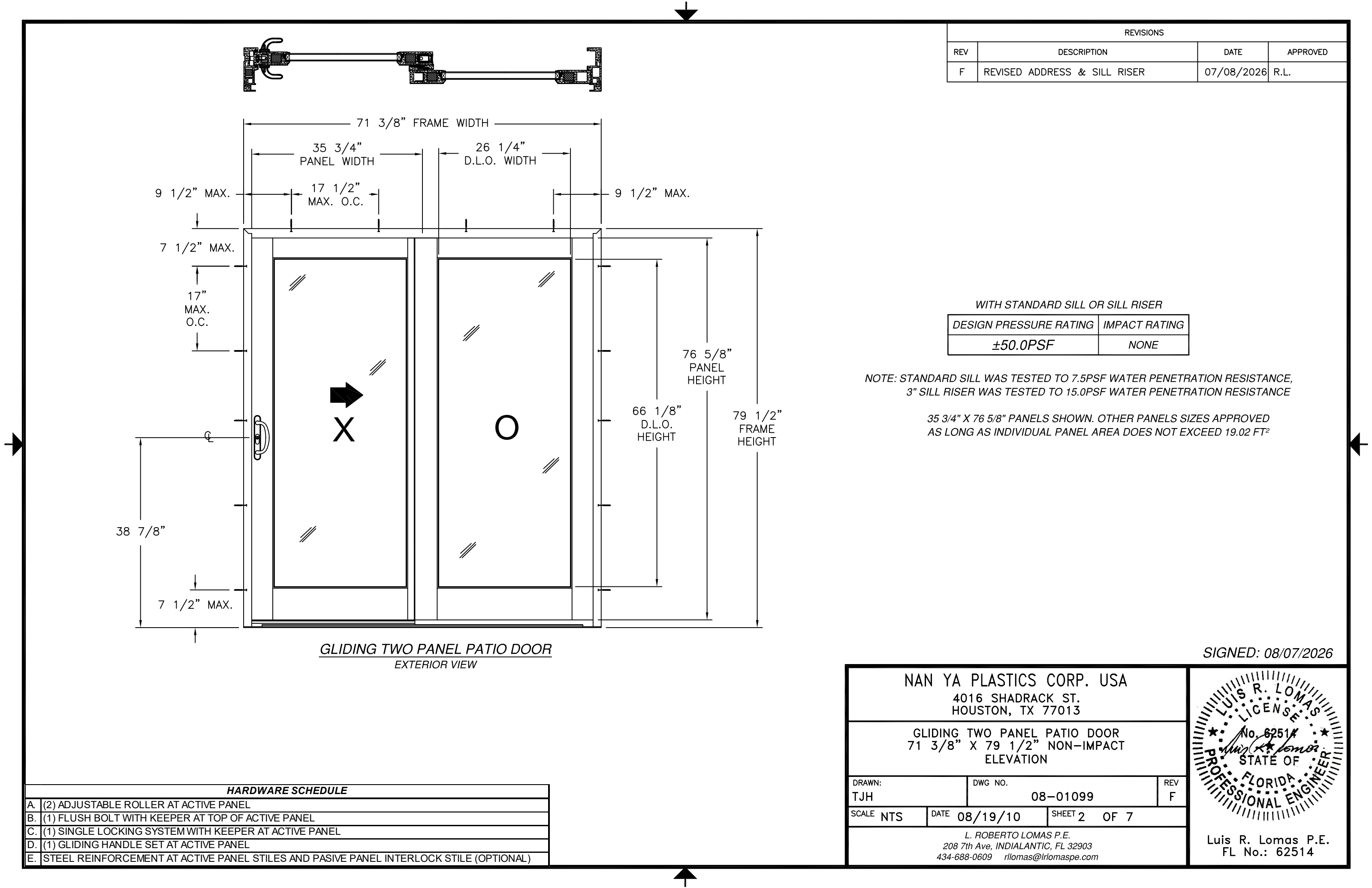
DATE 08/19/10

SHEET 1 OF 7

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



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| WITH STANDARD SILL OR SILL RISER |               |
|----------------------------------|---------------|
| DESIGN PRESSURE RATING           | IMPACT RATING |
| ±50.0PSF                         | NONE          |

NOTE: STANDARD SILL WAS TESTED TO 7.5PSF WATER PENETRATION RESISTANCE,  
3" SILL RISER WAS TESTED TO 15.0PSF WATER PENETRATION RESISTANCE

35 3/4" X 76 5/8" PANELS SHOWN. OTHER PANELS SIZES APPROVED  
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 19.02 FT²

GLIDING TWO PANEL PATIO DOOR  
EXTERIOR VIEW

| HARDWARE SCHEDULE |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| A.                | (2) ADJUSTABLE ROLLER AT ACTIVE PANEL                                                  |
| B.                | (1) FLUSH BOLT WITH KEEPER AT TOP OF ACTIVE PANEL                                      |
| C.                | (1) SINGLE LOCKING SYSTEM WITH KEEPER AT ACTIVE PANEL                                  |
| D.                | (1) GLIDING HANDLE SET AT ACTIVE PANEL                                                 |
| E.                | STEEL REINFORCEMENT AT ACTIVE PANEL STILES AND PASIVE PANEL INTERLOCK STILE (OPTIONAL) |

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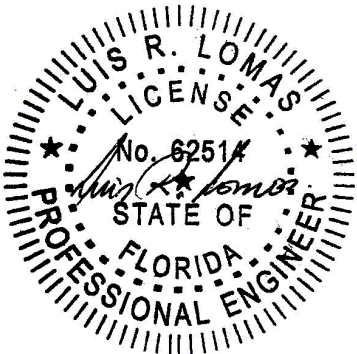
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NTS

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08/19/10

SHEET  
2 OF 7

L. ROBERTO LOMAS P.E.  
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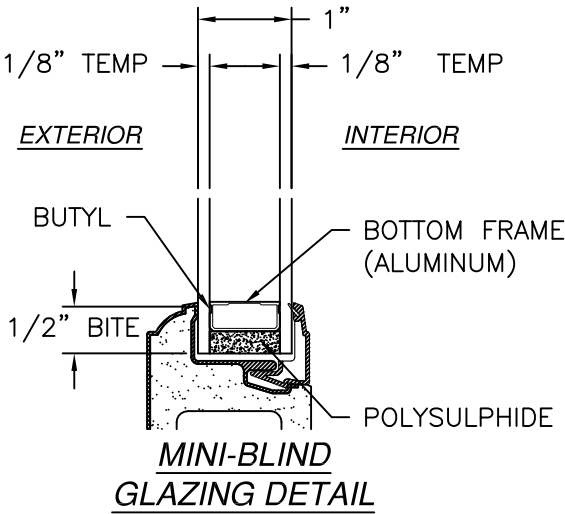
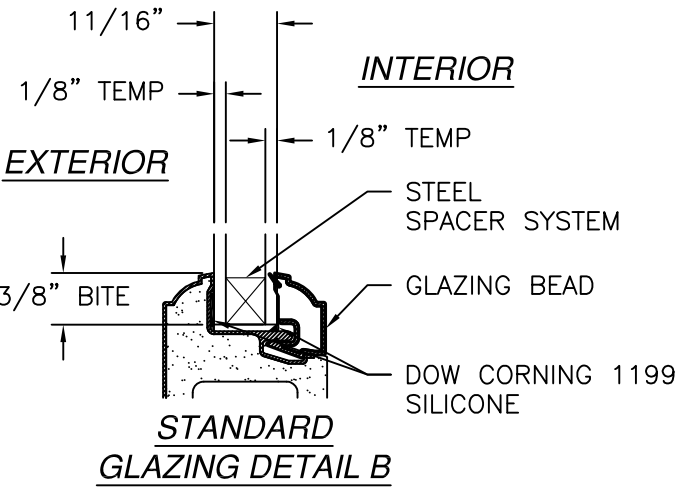
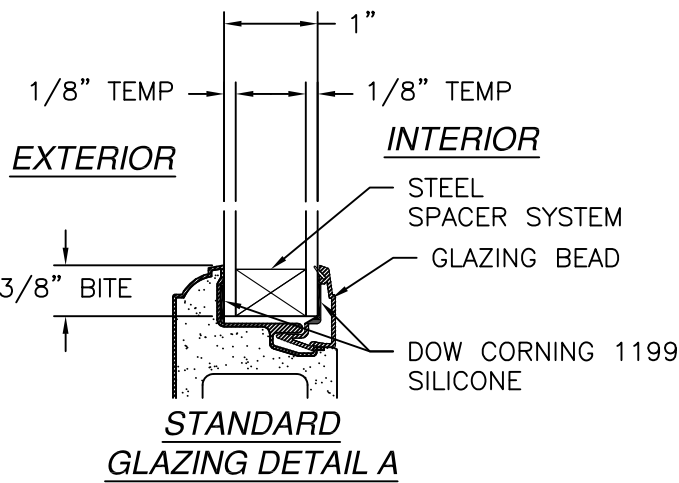
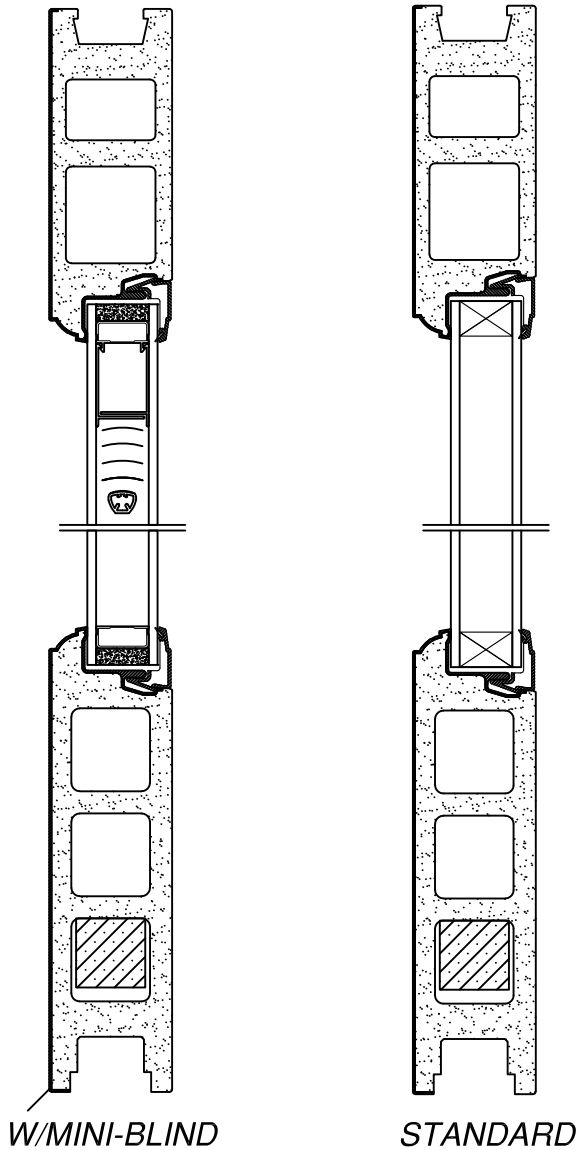
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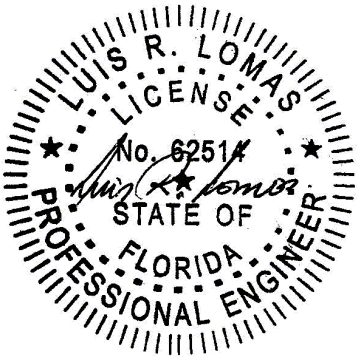
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APPROVED PANEL CONFIGURATIONS



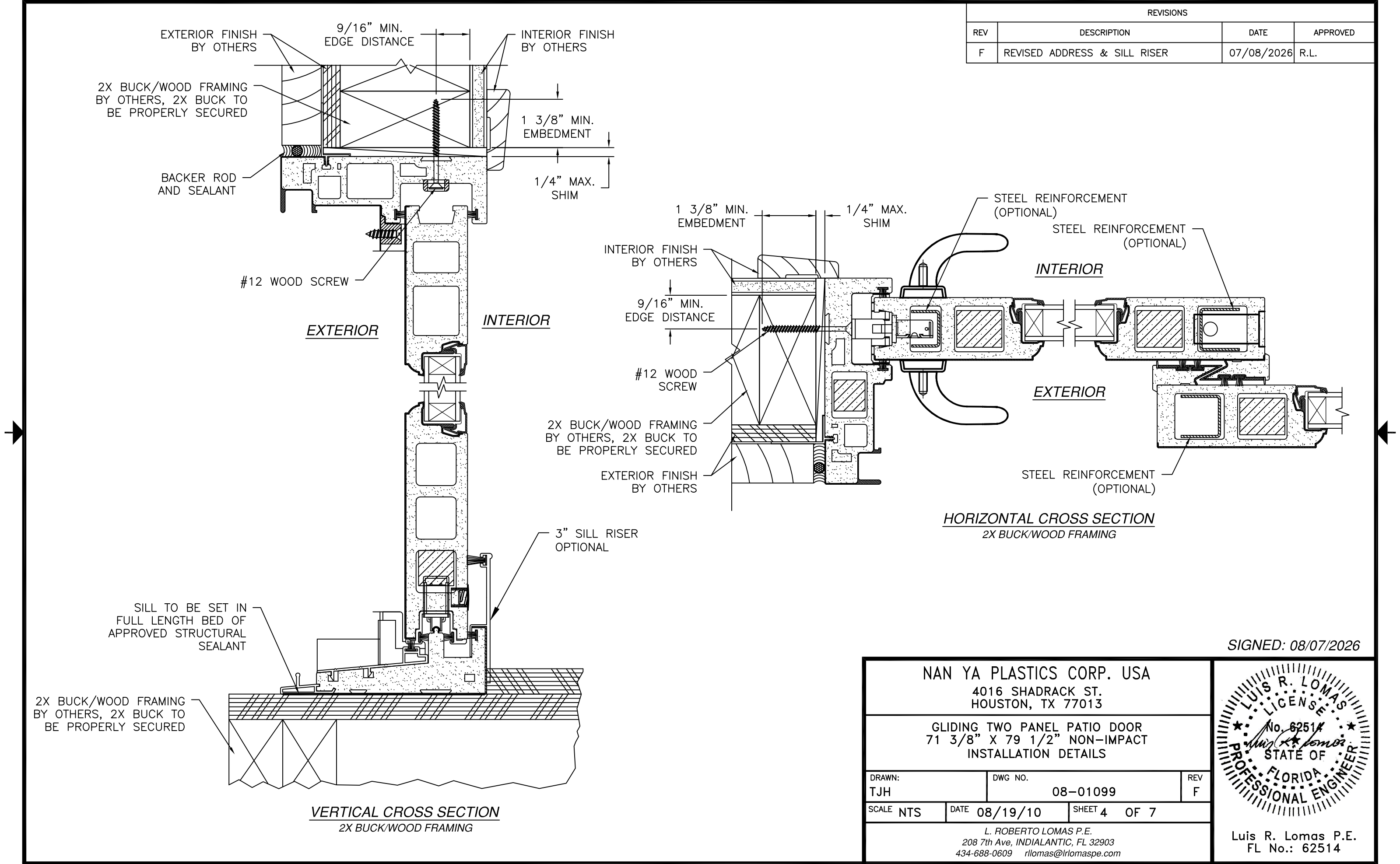
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|                                                                                                   |                     |                 |
|---------------------------------------------------------------------------------------------------|---------------------|-----------------|
| NAN YA PLASTICS CORP. USA<br>4016 SHADRACK ST.<br>HOUSTON, TX 77013                               |                     |                 |
| GLIDING TWO PANEL PATIO DOOR<br>71 3/8" X 79 1/2" NON-IMPACT<br>GLAZING DETAILS                   |                     |                 |
| DRAWN:<br>TJH                                                                                     | DWG NO.<br>08-01099 | REV<br>F        |
| SCALE<br>NTS                                                                                      | DATE<br>08/19/10    | SHEET<br>3 OF 7 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                 |



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4016 SHADRACK ST.  
HOUSTON, TX 77013

GLIDING TWO PANEL PATIO DOOR

71 3/8" X 79 1/2" NON-IMPACT

INSTALLATION DETAILS

DRAWN: TJH

DWG NO. 08-01099

REV F

SCALE NTS

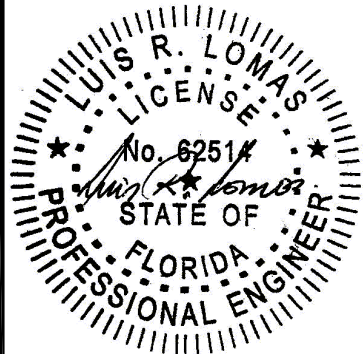
DATE 08/19/10

SHEET 4 OF 7

L. ROBERTO LOMAS P.E.

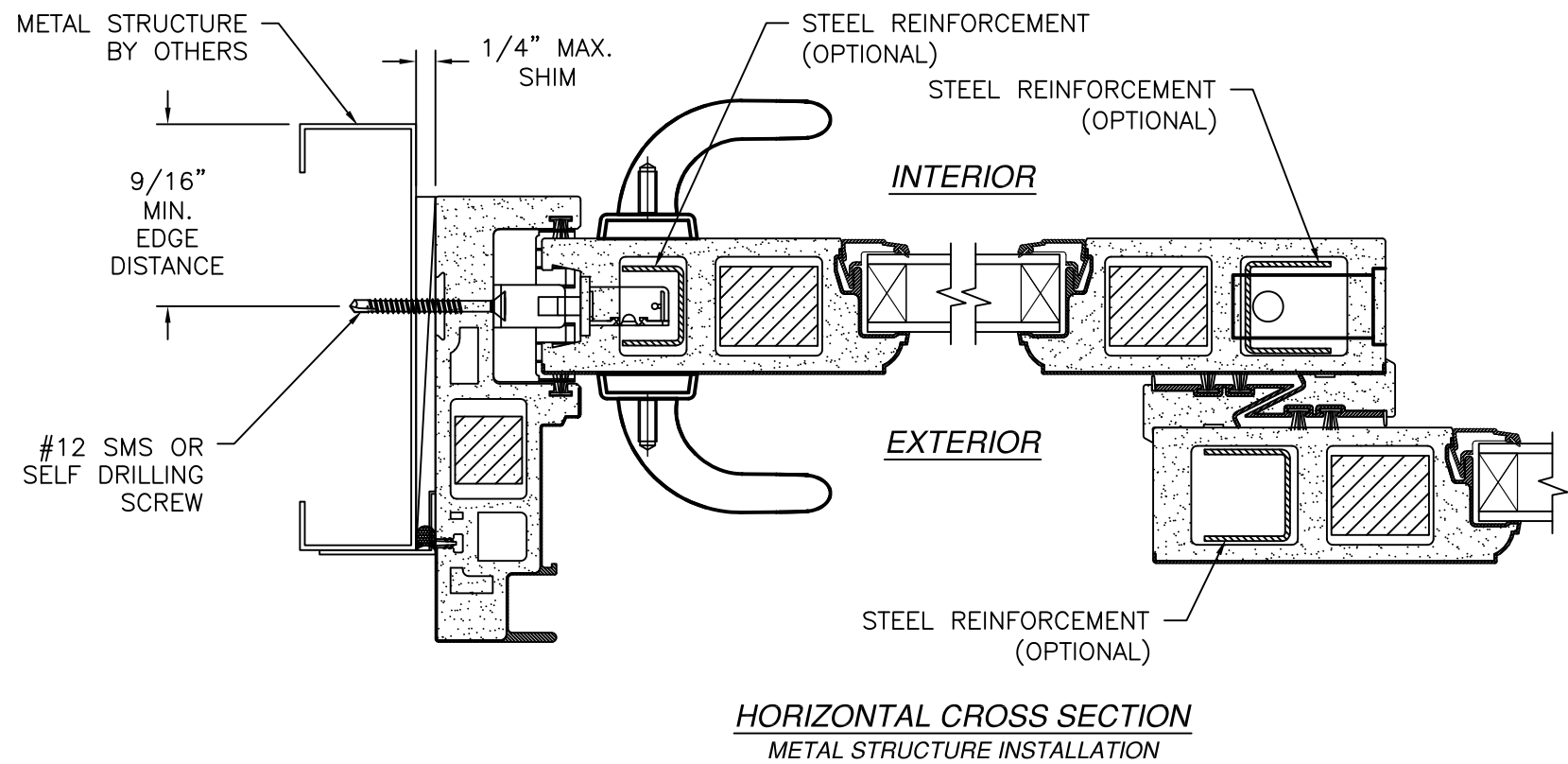
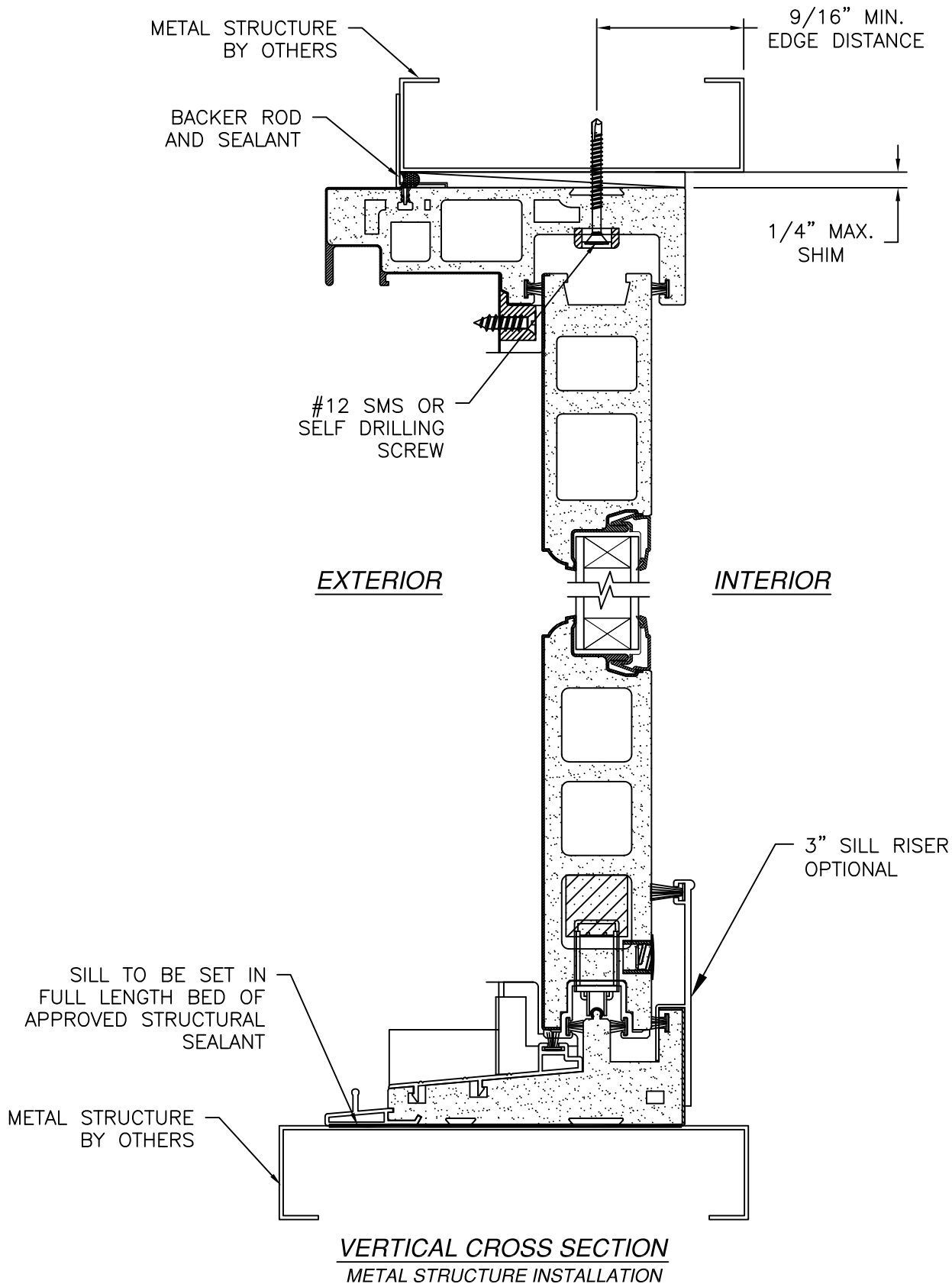
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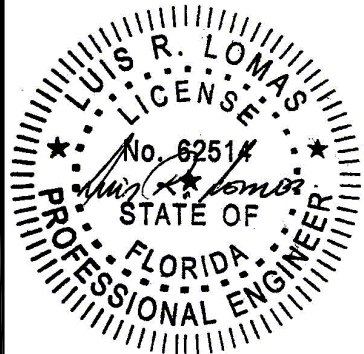
SHEET 5 OF 7

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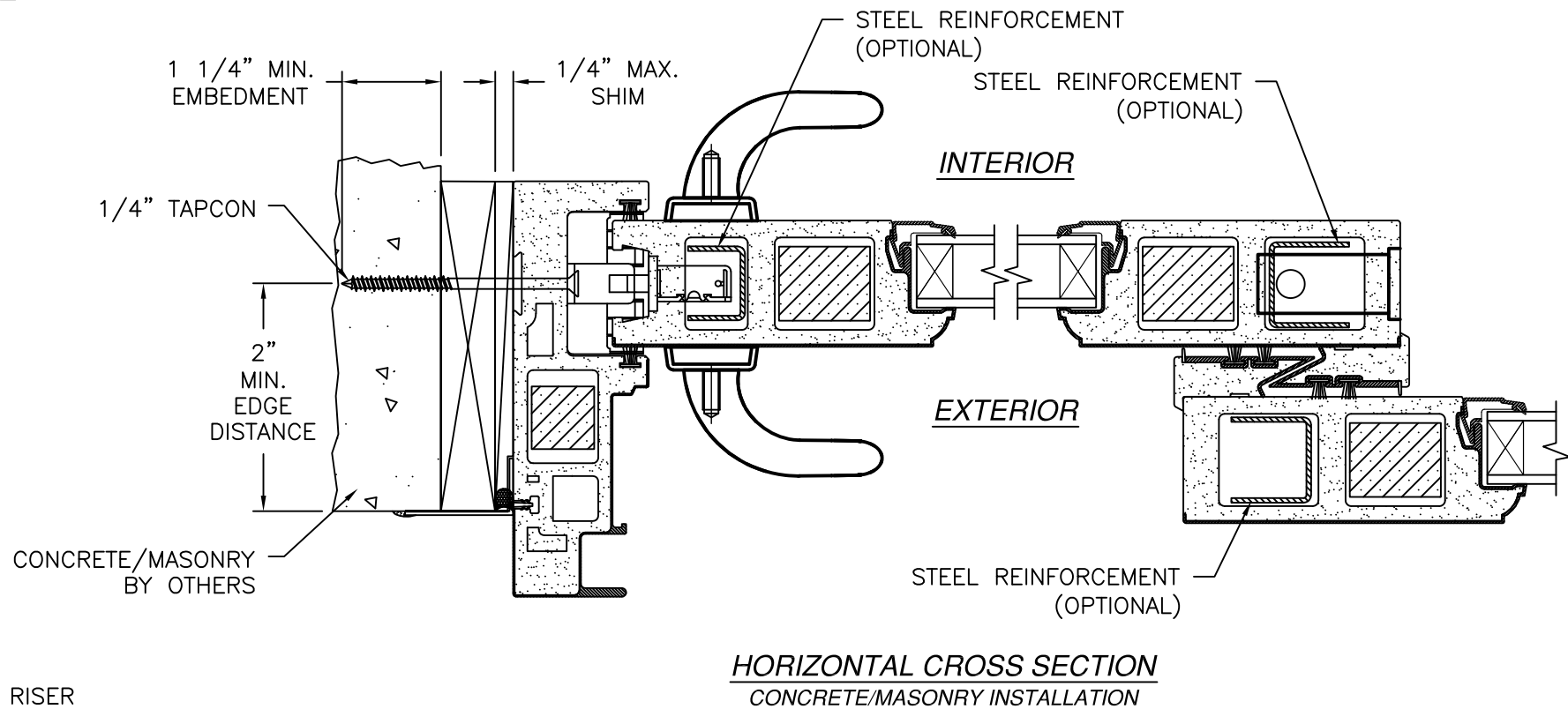
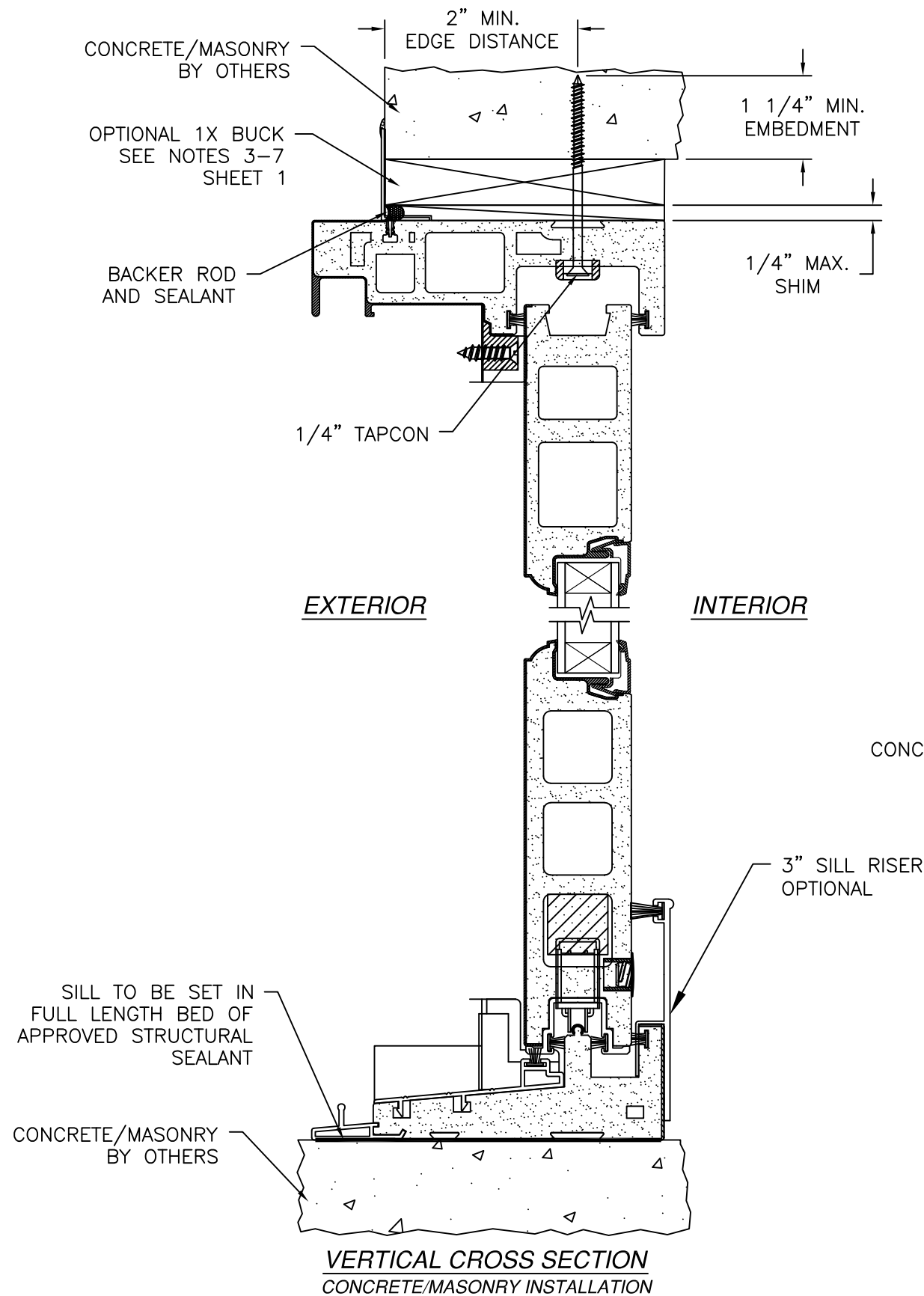
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SHEET 6 OF 7

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LUIS R. LOMAS

LICENSE No. 62514

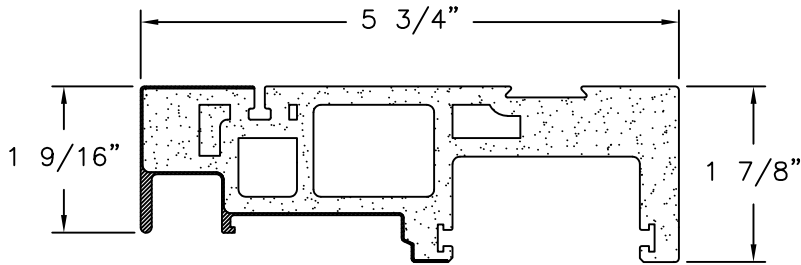
STATE OF FLORIDA

PROFESSIONAL ENGINEER

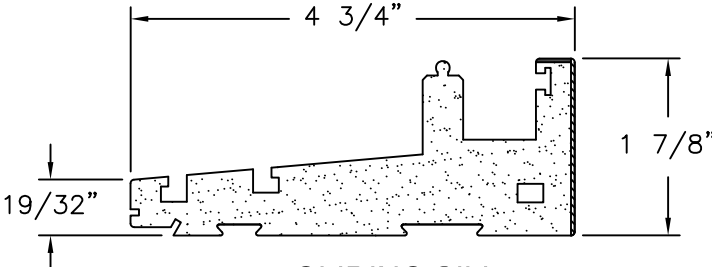
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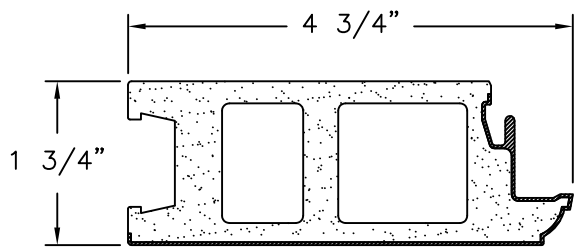
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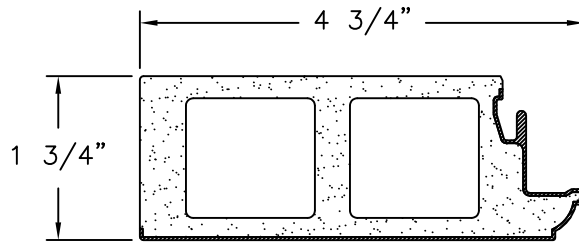
5 3/4" FRAME HEAD AND JAMB  
CO-EXTRUDED PVC FOAM .75" THICK



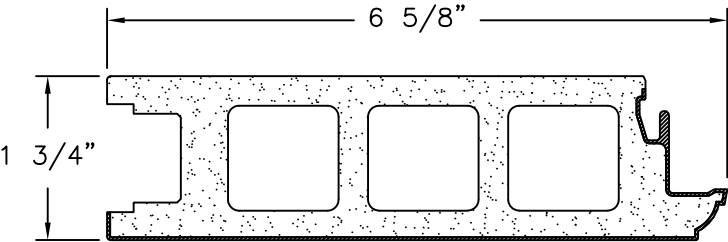
4 3/4" GLIDING SILL  
CO-EXTRUDED PVC FOAM  
1.032" THICK



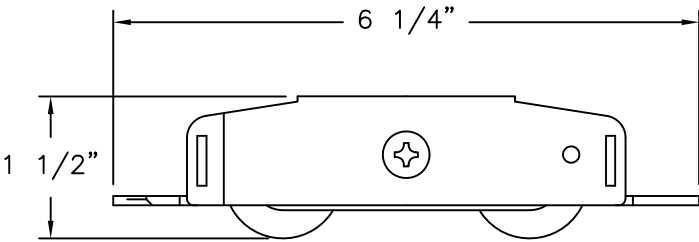
4 3/4" LOCK STILE AND TOP RAIL  
PVC COMPOSITE FOAM WITH  
.031" THICK EXTRUDED PVC SKIN



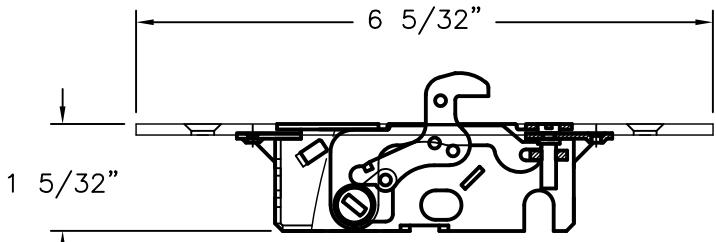
4 3/4" STILE  
PVC COMPOSITE FOAM WITH  
.031" THICK EXTRUDED PVC SKIN



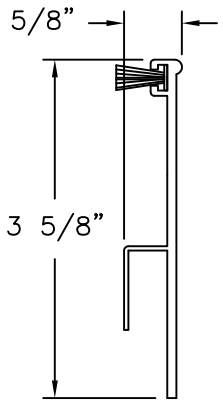
6 5/8" BOTTOM RAIL  
PVC COMPOSITE FOAM WITH  
.031" THICK EXTRUDED PVC SKIN



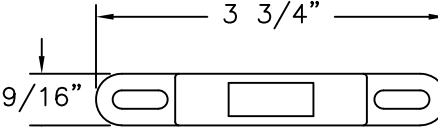
ADJUSTABLE ROLLER  
STAINLESS STEEL



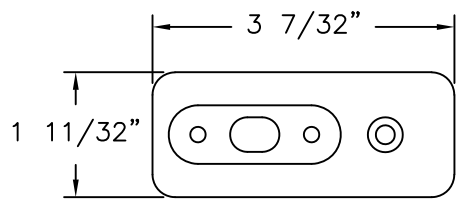
SINGLE LOCKING SYSTEM  
STAINLESS STEEL, DIE, STEEL



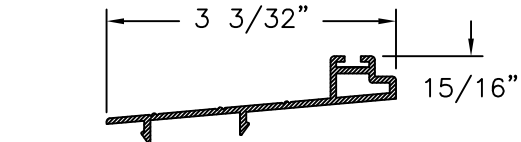
SILL RISER  
ALUMINUM



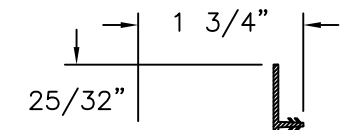
LOCK KEEPER  
STAINLESS STEEL



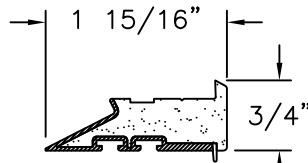
BOLT STILE END-COVER  
RIGID PVC



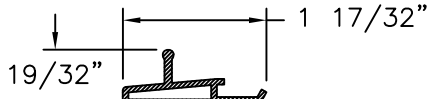
THRESHOLD  
EXTRUDED ALUMINUM 6063-T6 .059" THICK



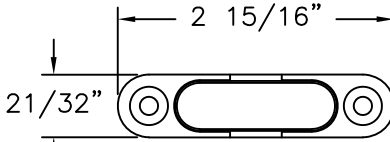
FRAME FIN  
EXTRUDED RIGID PVC .051" THICK



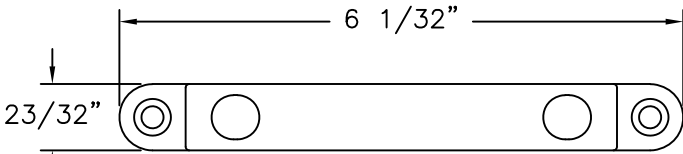
MEETING STILE INTERLOCK  
CO-EXTRUDED PVC FOAM .75" THICK



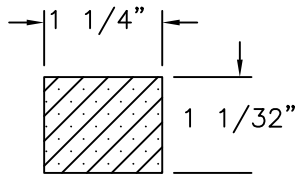
SCREEN RAIL  
EXTRUDED ALUMINUM 6063-T6 .059" THICK



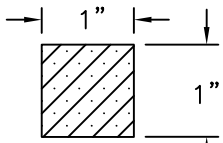
ANTI-LIFT STOPPER  
DIE CASTING



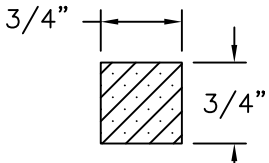
FLUSH BOLT KEEPER  
STAINLESS STEEL



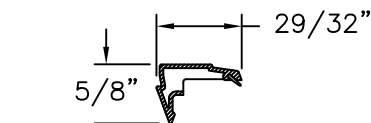
PANEL STILE  
REINFORCEMENT  
PINE



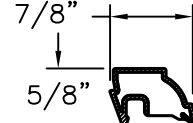
PANEL BOTTOM RAIL  
REINFORCEMENT  
PINE



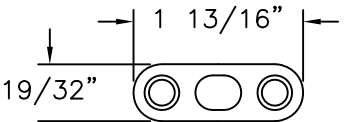
JAMB  
REINFORCEMENT  
PINE



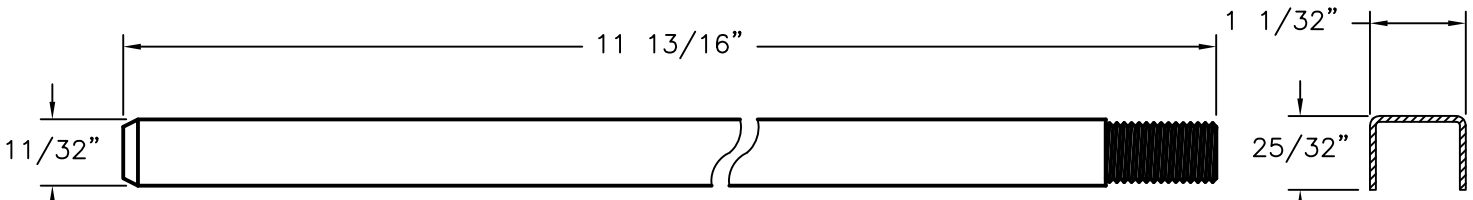
1" GLAZING BEAD  
EXTRUDED RIGID PVC .039" THICK



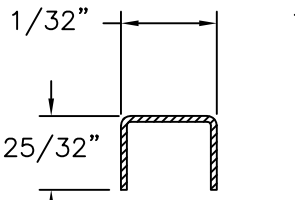
43/64" GLAZING BEAD  
EXTRUDED RIGID PVC



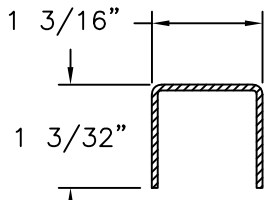
FLUSH BOLT TOP GUIDE  
STAINLESS STEEL



FLUSH BOLT BAR  
STAINLESS STEEL



LOCK STILE  
REINFORCEMENT  
STEEL



STILE  
REINFORCEMENT  
STEEL

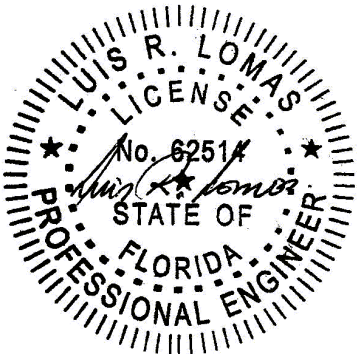
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HOUSTON, TX 77013

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COMPONENTS

|               |                     |                 |
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| SCALE<br>NTS  | DATE<br>08/19/10    | SHEET<br>7 OF 7 |

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