

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	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 #10 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 3/16” TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/4” 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 .054” THICK MINIMUM
21. APPROVED CONFIGURATIONS: XO, OX.
22. STEEL REINFORCEMENTS ARE OPTIONAL.

SIGNED: 08/07/2026

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

MASTERPIECE SERIES GLIDING PATIO DOOR
NAN YA 6068 DP45
NOTES

DRAWN:
V.L.

DWG NO.
08–02239

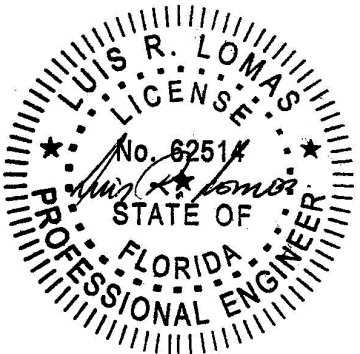
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SCALE
NTS

DATE
10/24/13

SHEET
1 OF 7

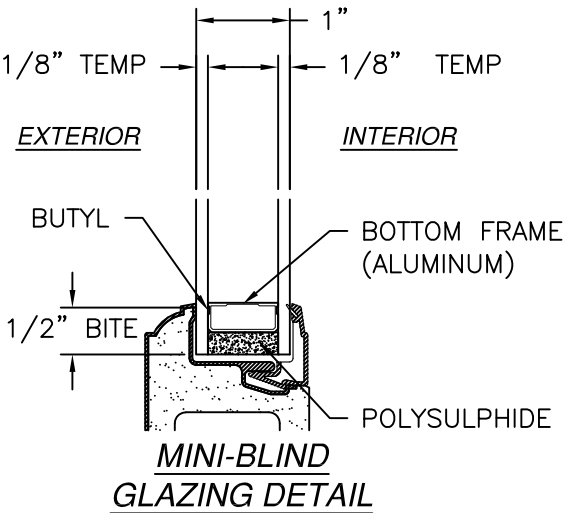
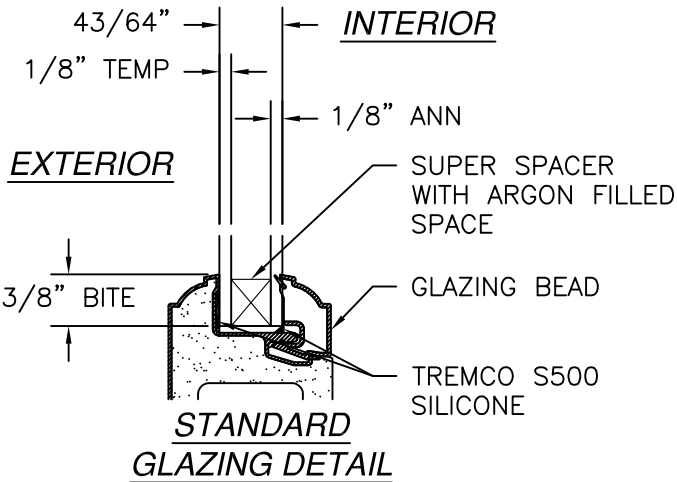
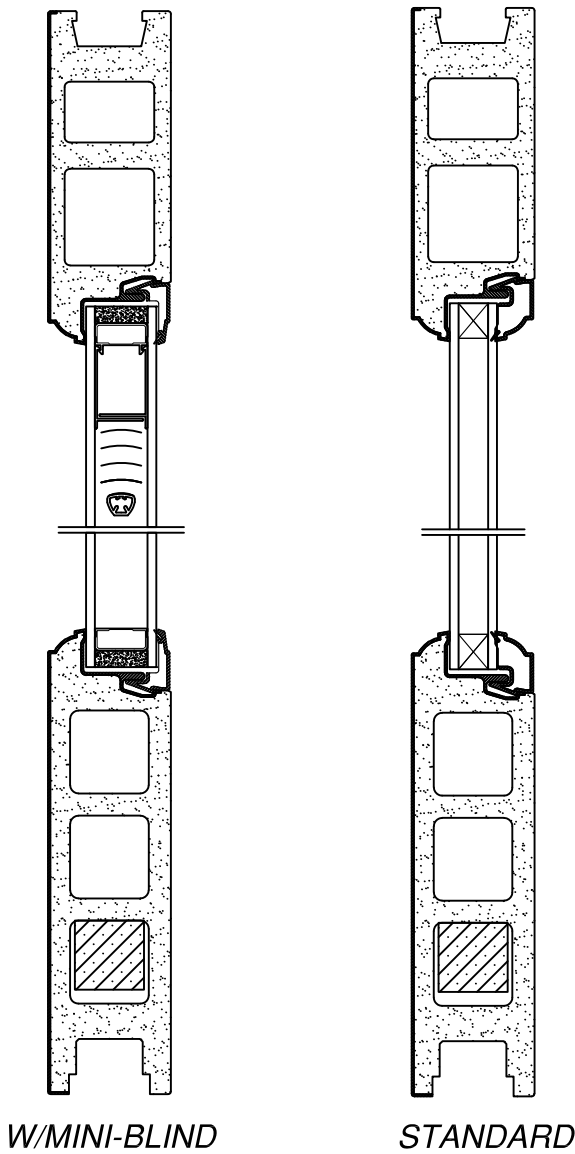
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434-688-0609 rllomas@lrlomaspe.com



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

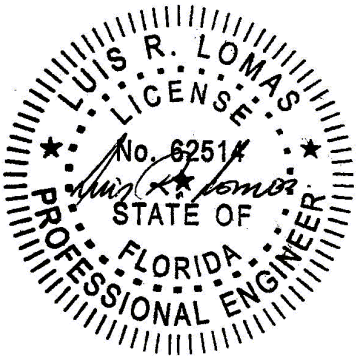
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APPROVED PANEL CONFIGURATIONS



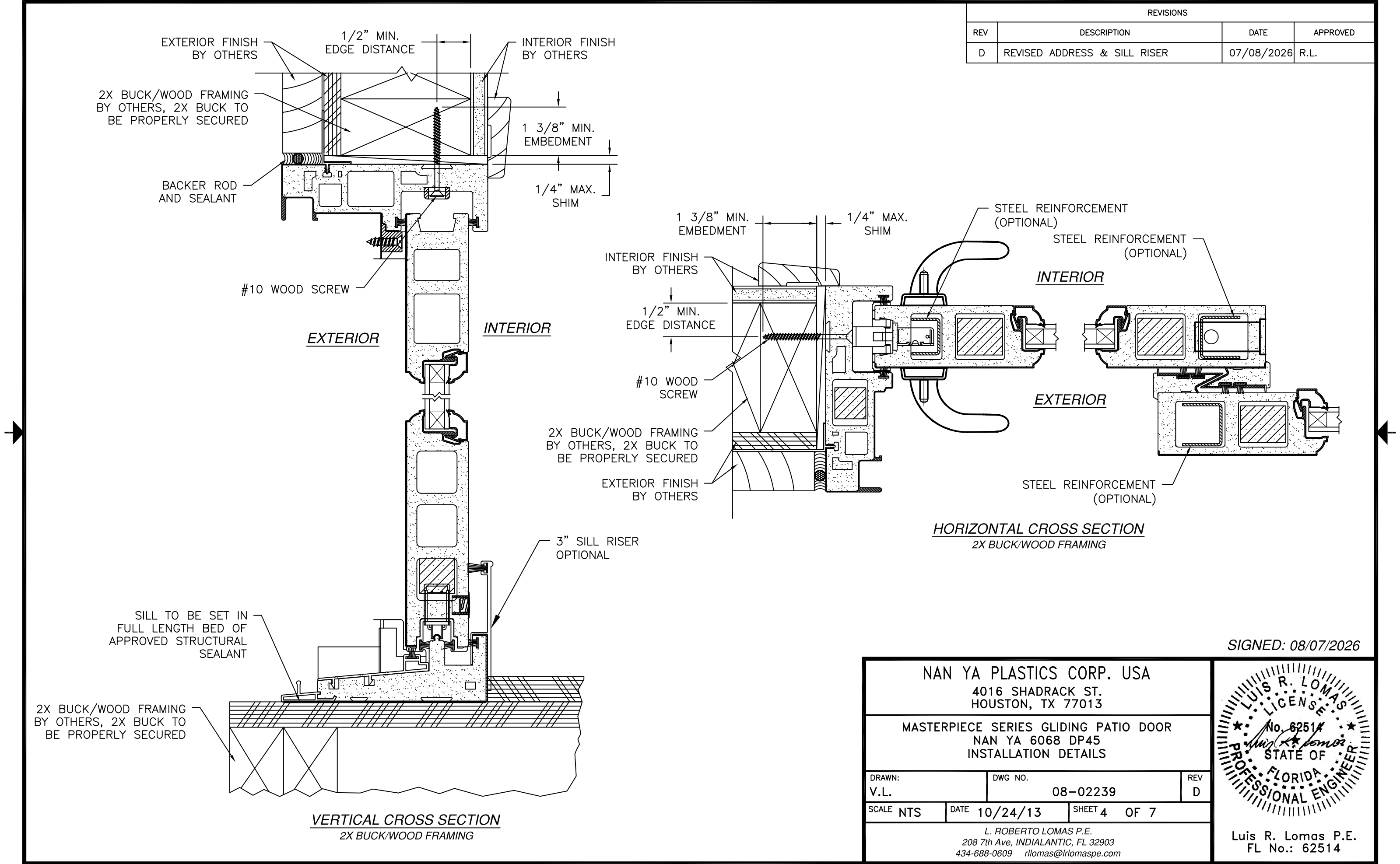
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NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
MASTERPIECE SERIES GLIDING PATIO DOOR NAN YA 6068 DP45 GLAZING DETAILS		
DRAWN: V.L.	DWG NO. 08-02239	REV D
SCALE NTS	DATE 10/24/13	SHEET 3 OF 7
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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HOUSTON, TX 77013

MASTERPIECE SERIES GLIDING PATIO DOOR

NAN YA 6068 DP45

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SHEET 4 OF 7

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LUIS R. LOMAS

LICENS. M.S.

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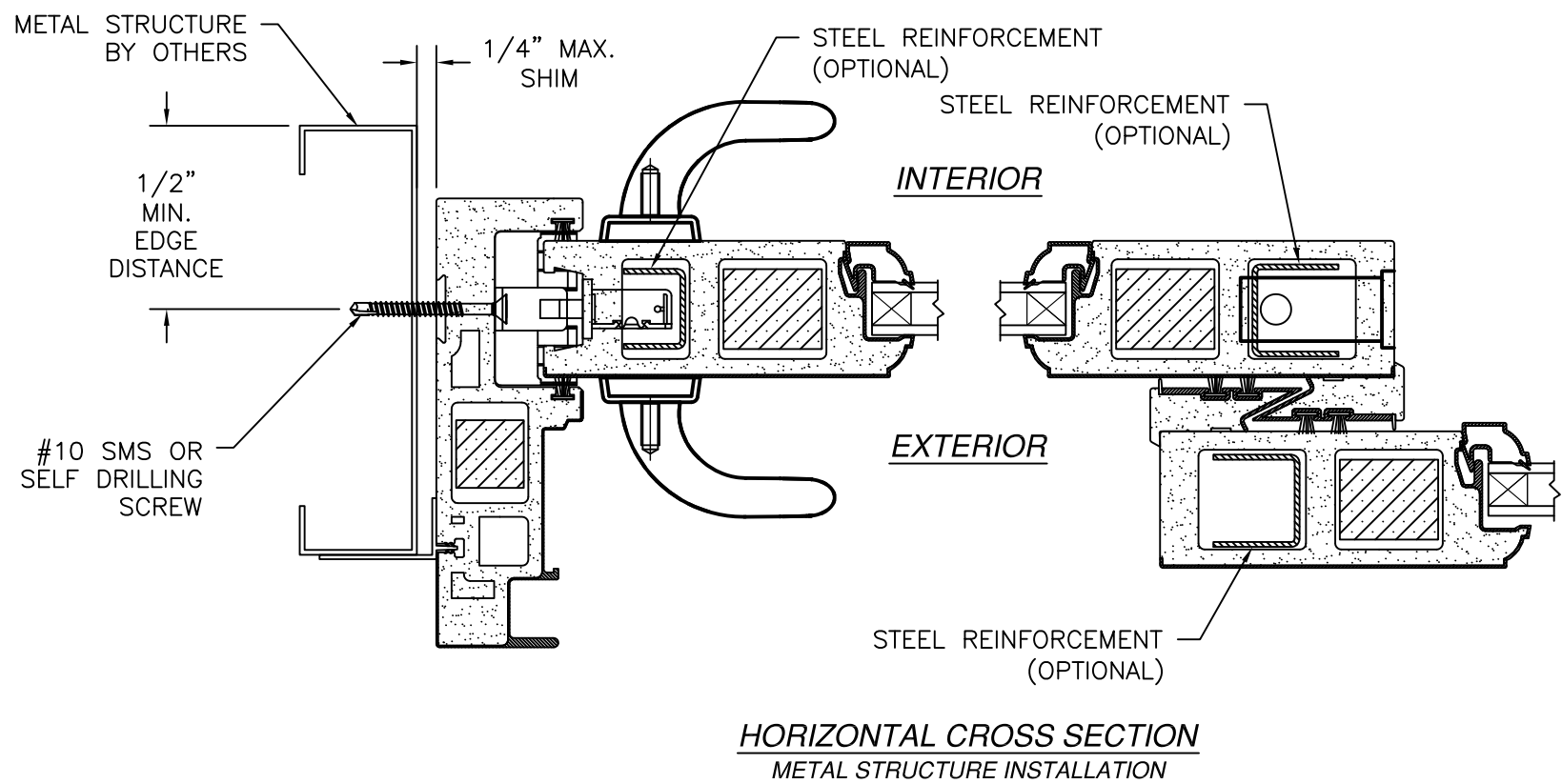
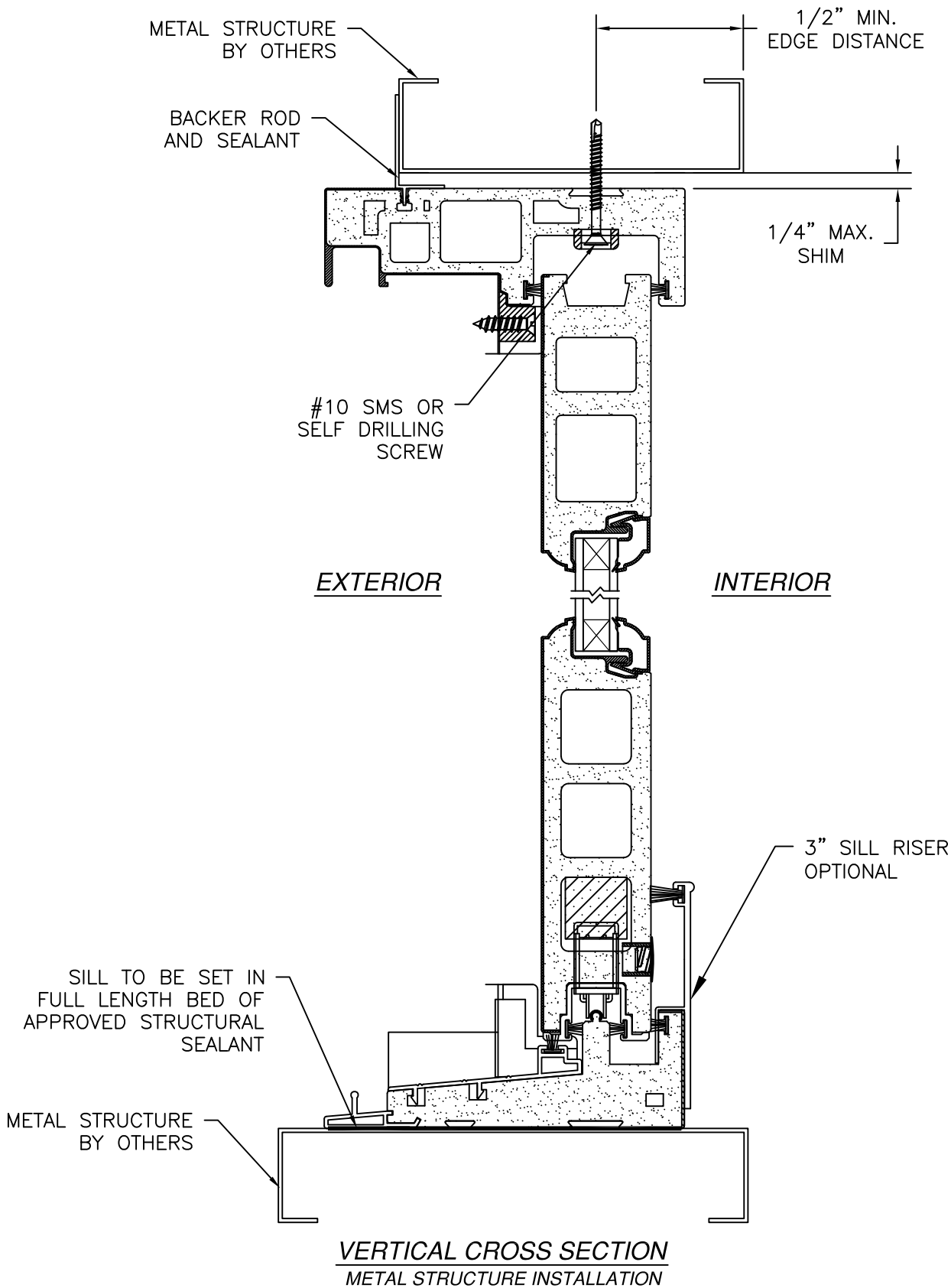
STATE OF FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

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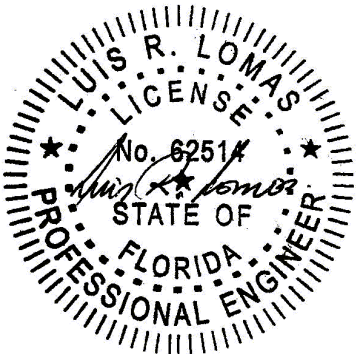
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L. ROBERTO LOMAS P.E.

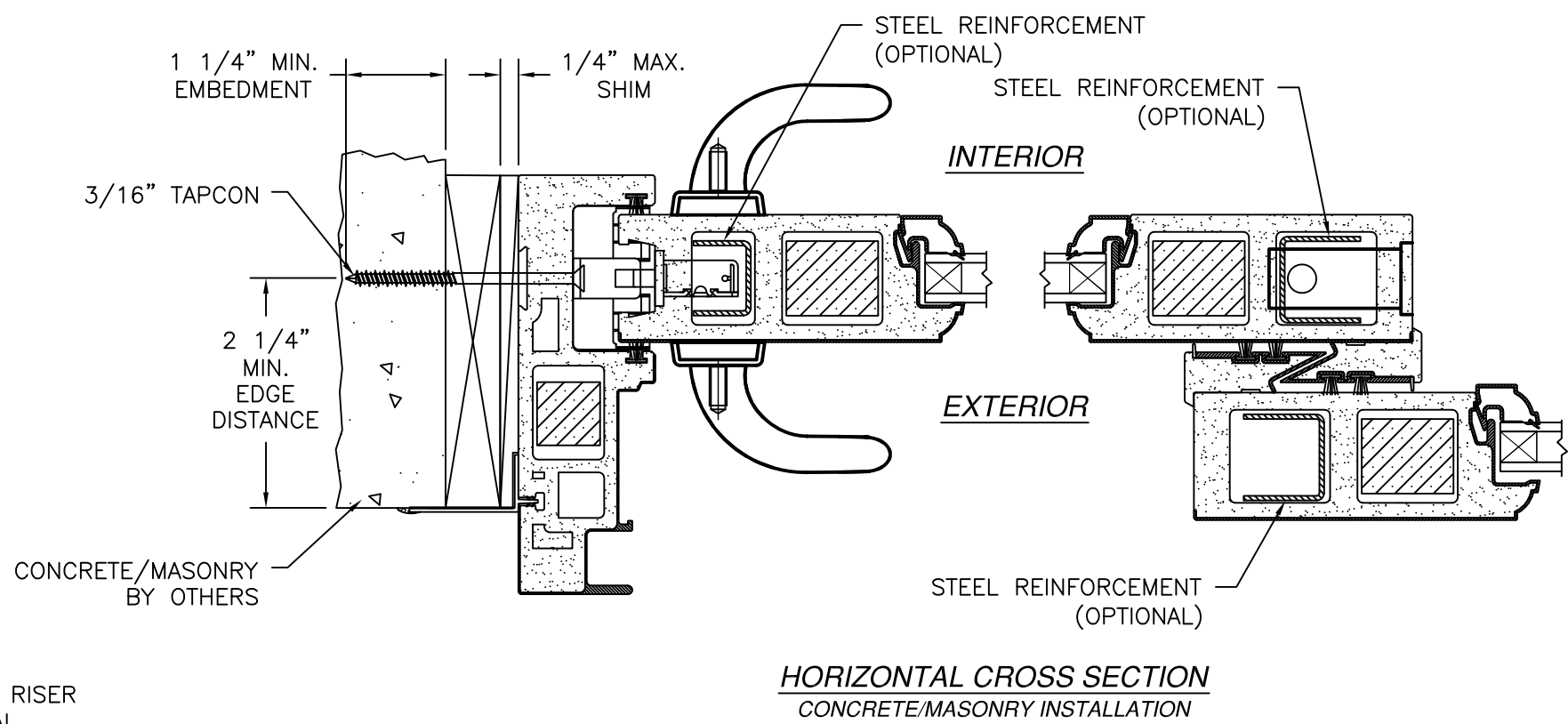
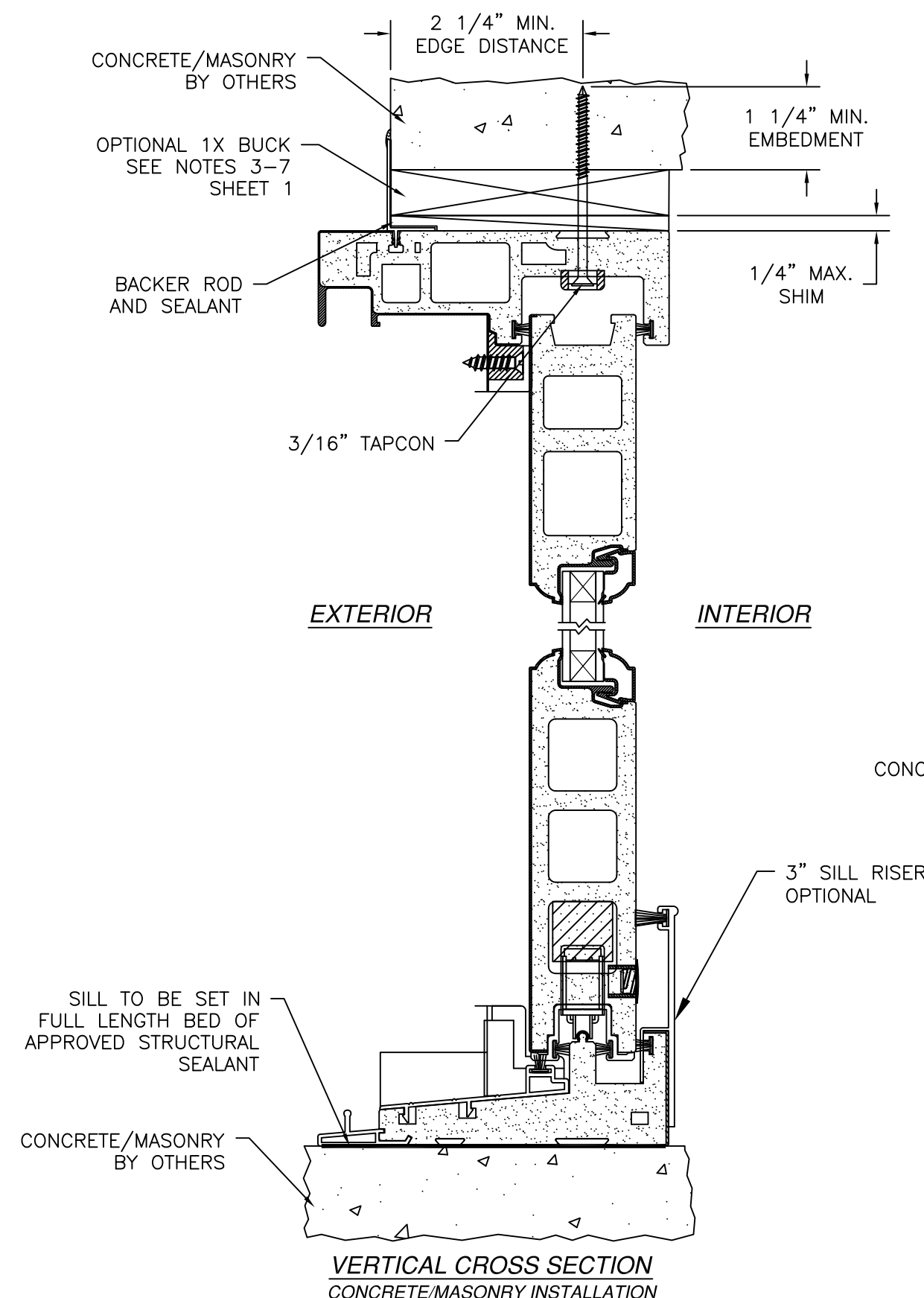
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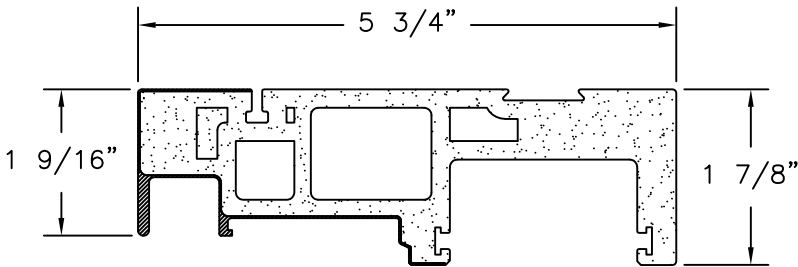
STATE OF FLORIDA

PROFESSIONAL ENGINEER

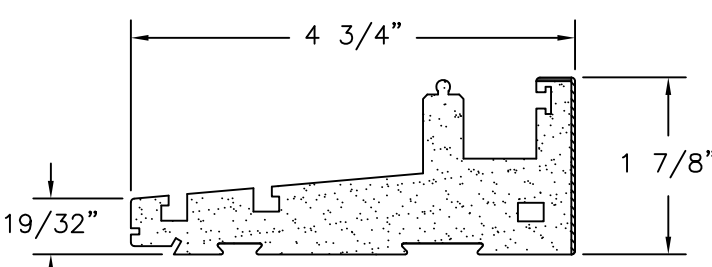
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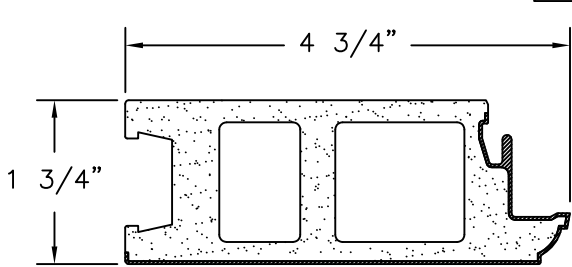
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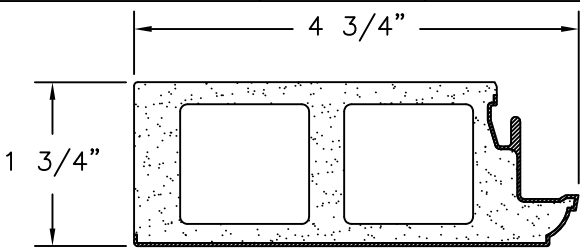
5 3/4" FRAME HEAD AND JAMB
CO-EXTRUDED PVC FOAM .75" THICK



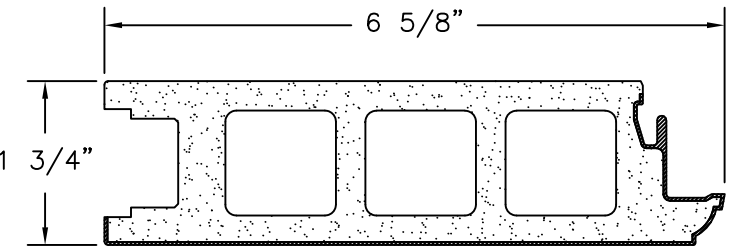
4 3/4" GLIDING SILL
CO-EXTRUDED PVC FOAM
1.032" THICK



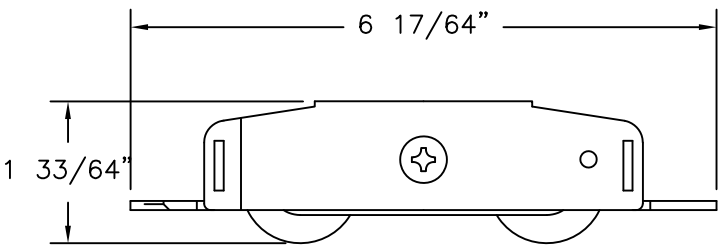
4 3/4" LOCK STILE AND TOP RAIL
PVC COMPOSITE FOAM WITH
.031" THICK EXTRUDED PVC SKIN



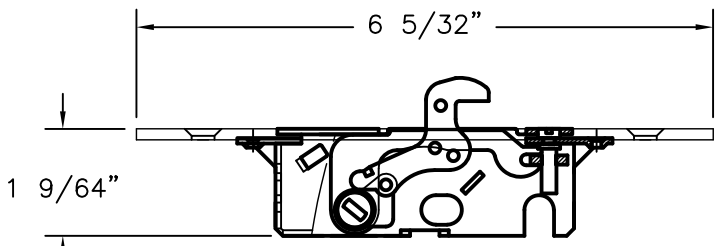
4 3/4" STILE
PVC COMPOSITE FOAM WITH
.031" THICK EXTRUDED PVC SKIN



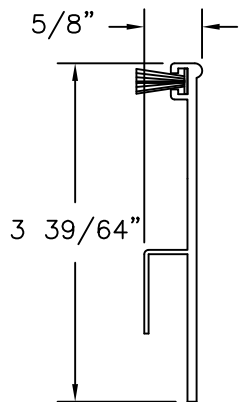
6 5/8" BOTTOM RAIL
PVC COMPOSITE FOAM WITH
.031" THICK EXTRUDED PVC SKIN



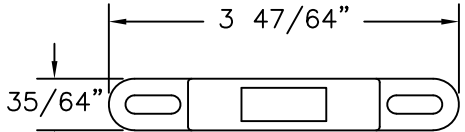
ADJUSTABLE ROLLER
STAINLESS STEEL



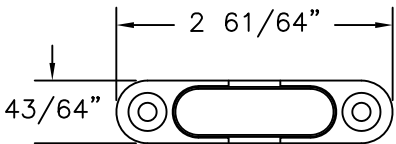
SINGLE LOCKING SYSTEM
STAINLESS STEEL, DIE, STEEL



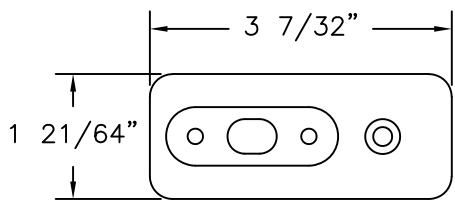
SILL RISER
ALUMINUM



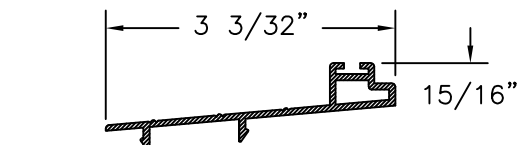
LOCK KEEPER
STAINLESS STEEL



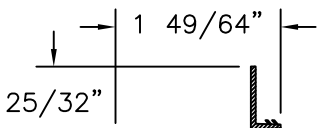
ANTI-LIFT STOPPER
DIE CASTING



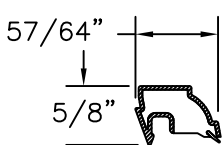
BOLT STILE END-COVER
RIGID PVC



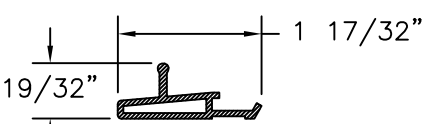
THRESHOLD
EXTRUDED ALUMINUM 6063-T6 .059" THICK



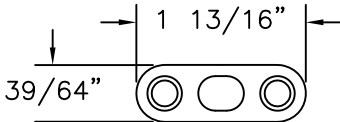
FRAME FIN
EXTRUDED RIGID PVC .051" THICK



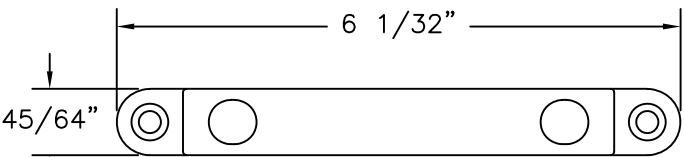
43/64" GLAZING BEAD
EXTRUDED RIGID PVC



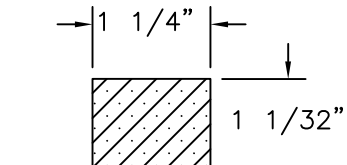
SCREEN RAIL
EXTRUDED ALUMINUM 6063-T6 .059" THICK



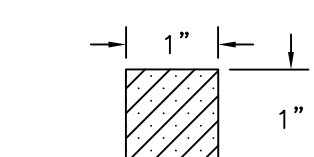
FLUSH BOLT TOP GUIDE
STAINLESS STEEL



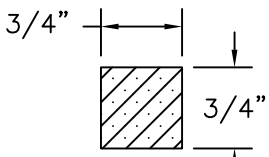
FLUSH BOLT KEEPER
STAINLESS STEEL



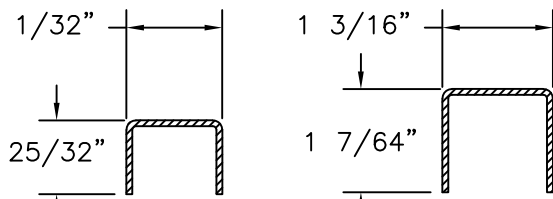
PANEL STILE
REINFORCEMENT
PINE



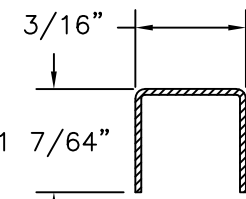
PANEL BOTTOM RAIL
REINFORCEMENT
PINE



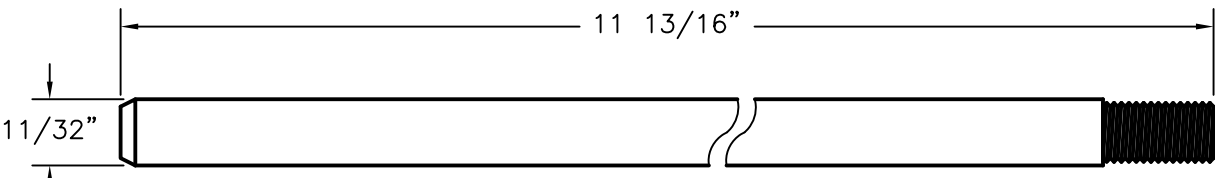
JAMB
REINFORCEMENT
PINE



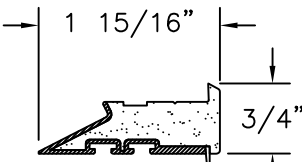
LOCK STILE
REINFORCEMENT
STEEL



STILE
REINFORCEMENT
STEEL



FLUSH BOLT BAR
STAINLESS STEEL



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

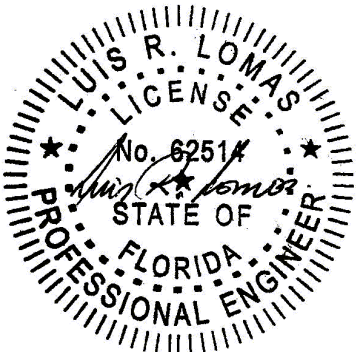
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MASTERPIECE SERIES GLIDING PATIO DOOR
NAN YA 6068 DP45
COMPONENTS

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