

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	06/04/2025	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
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" 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.
5. 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.
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 WINDOW 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 MATERIAL: CELLULAR PVC.
12. PANEL SKIN MATERIAL: SMC FIBERGLASS .075" THICK.
13. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 3 FOR GLASS DETAILS.
14. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

15. 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.
16. 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" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. 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.
18. ALL FASTENERS TO BE CORROSION RESISTANT.
19. 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 .060" THICK MINIMUM
20. APPROVED CONFIGURATIONS: O/XO, OX/O, OX, XO.

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NAN YA PLASTICS CORP. USA

8909 NORTH LOOP EAST, SUITE 800

HOUSTON, TX 77029

DISTINCTION GLIDING FRENCH DOOR

IMPACT HVHZ

NOTES

DRAWN: V.L.

DWG NO. 08-02989

REV A

SCALE NTS

DATE 11/02/16

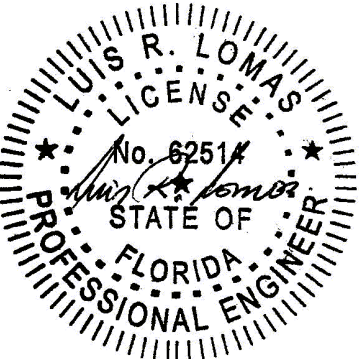
SHEET 1 OF 8

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434-688-0609 rllomas@rlomaspe.com

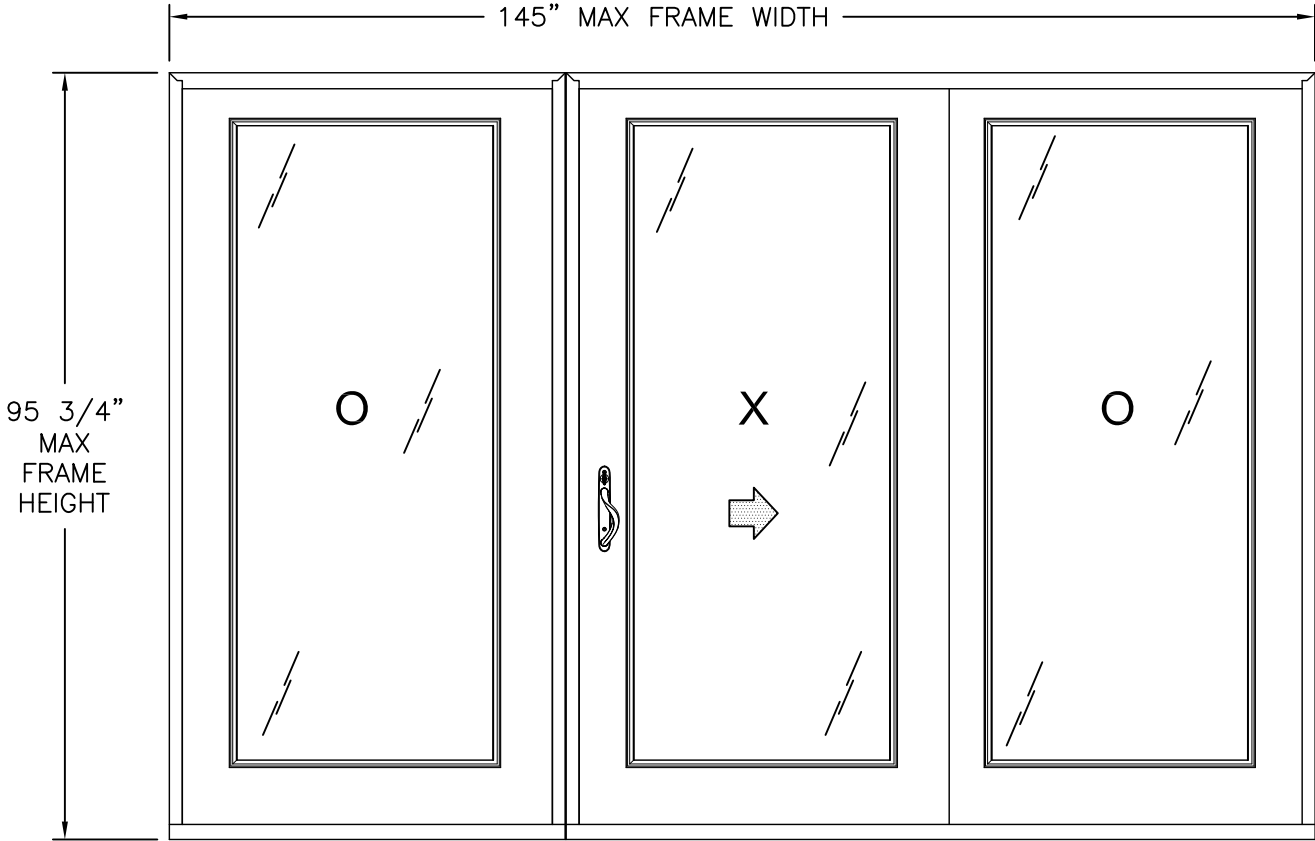
SIGNED: 06/04/2025



Luis R. Lomas P.E.

FL No.: 62514

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- NOTES:
- 1. MAXIMUM PANEL SIZE: 48" X 92 1/2"
 - 2. MAXIMUM D.L.O.: 37" X 83"

DISTINCTION GLIDING FRENCH DOOR
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

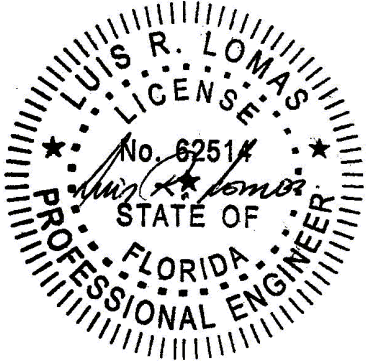
MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

HARDWARE SCHEDULE

A.	(1) STEEL SINGLE POINT LOCK (SS730) LOCATED 41" FROM BOTTOM OF PANEL
B.	(1) CAST ZINC KEEPER LOCATED 40 3/4" FROM ROLLER TRACK
C.	(2) STAINLESS STEEL TANDEM ADJUSTABLE ROLLERS (SS734) LOCATED 4 3/8" & 43 1/2" FROM EDGE OF LOCK STILE
D.	(1) CAST ZINC PIVOTING DEVICE CENTERED 23 3/4" FROM JAMB
E.	1/8"X1 1/4" STEEL FLAT REINFORCEMENT LAMINATED INTO STILES 3 1/4" FROM EACH EDGE

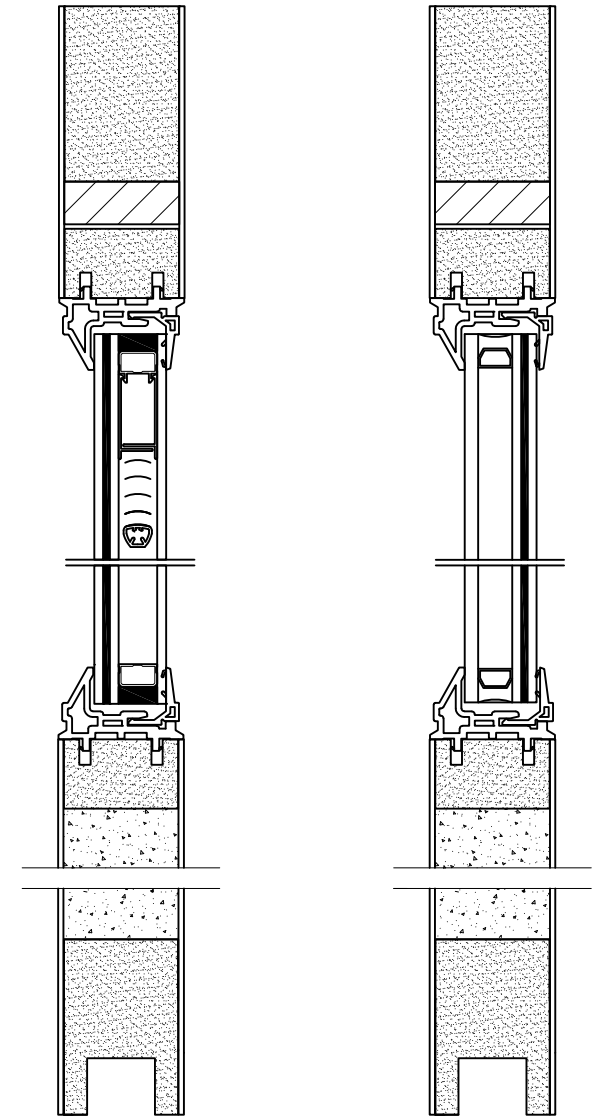
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NAN YA PLASTICS CORP. USA 8909 NORTH LOOP EAST, SUITE 800 HOUSTON, TX 77029		
DISTINCTION GLIDING FRENCH DOOR IMPACT HVHZ ELEVATION		
DRAWN: V.L.	DWG NO. 08-02989	REV A
SCALE NTS	DATE 11/02/16	SHEET 2 OF 8
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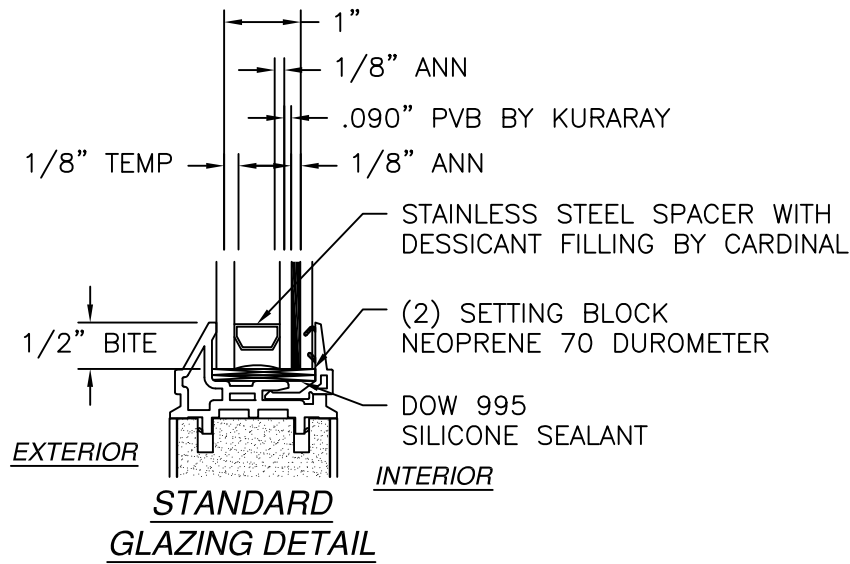
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APPROVED PANEL CONFIGURATIONS

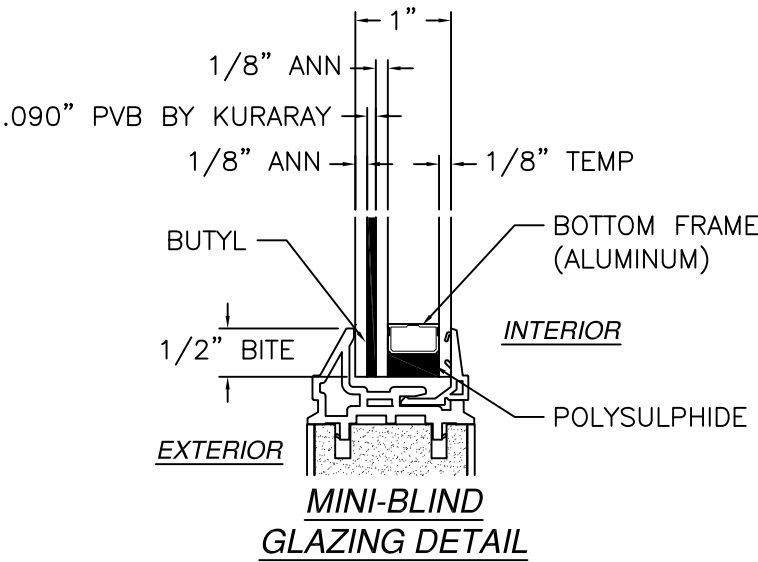


W/MINI-BLIND

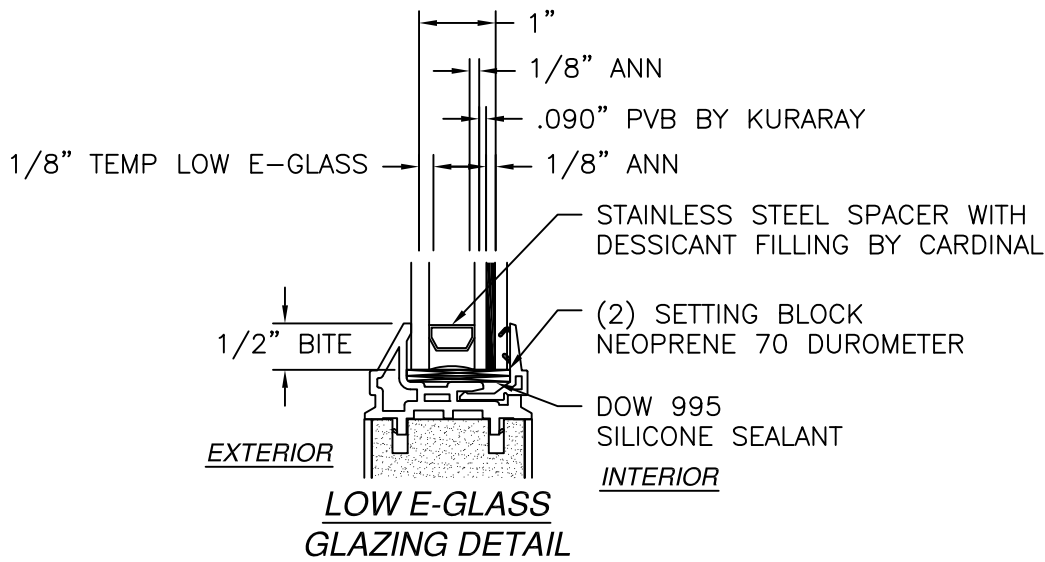
STANDARD



STANDARD
GLAZING DETAIL



MINI-BLIND
GLAZING DETAIL

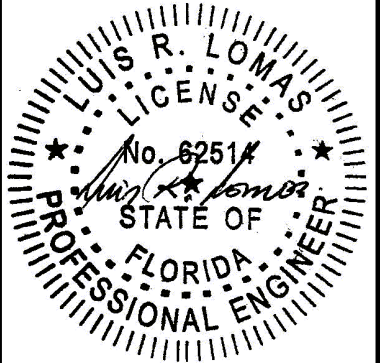


LOW E-GLASS
GLAZING DETAIL

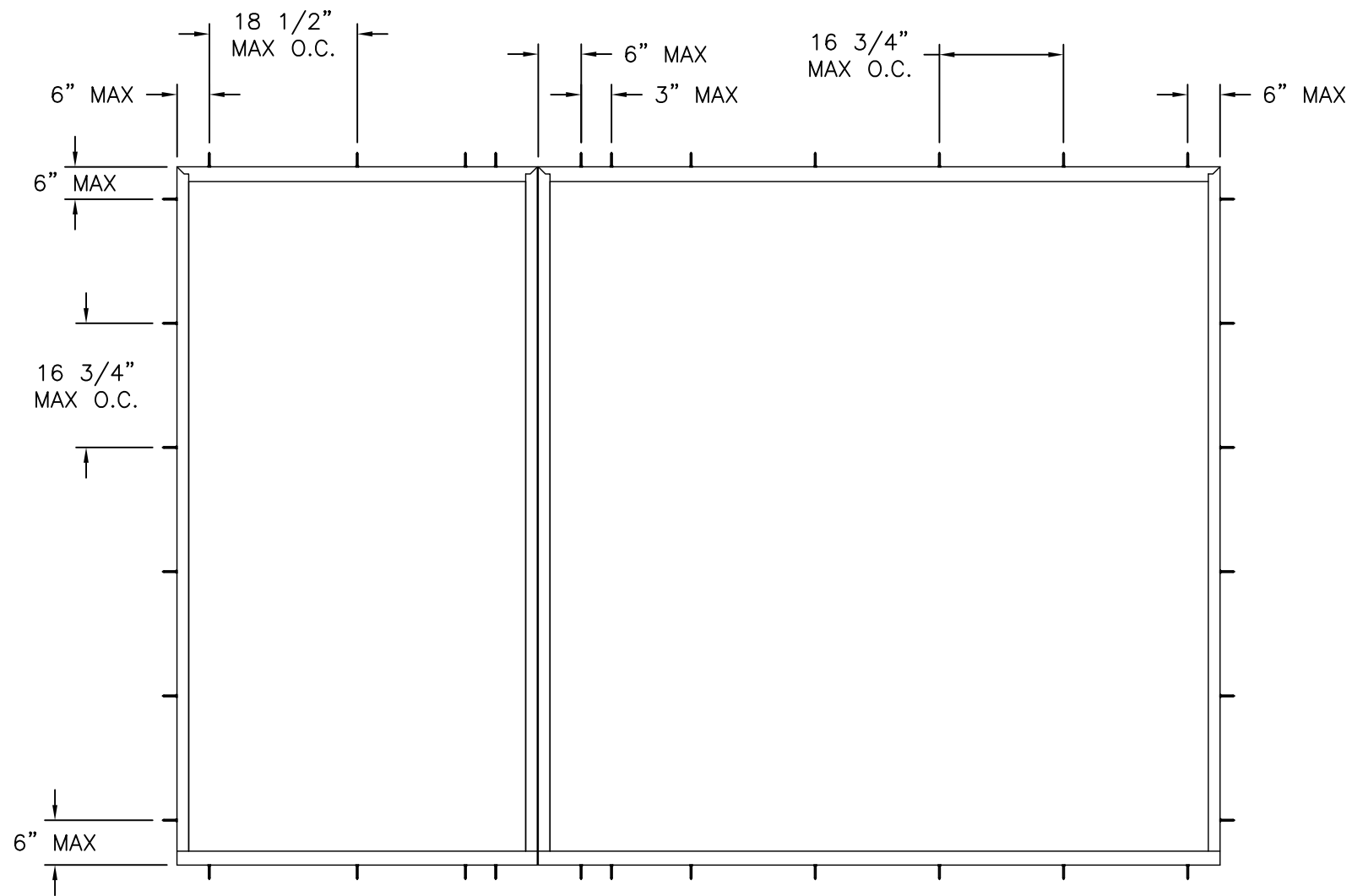
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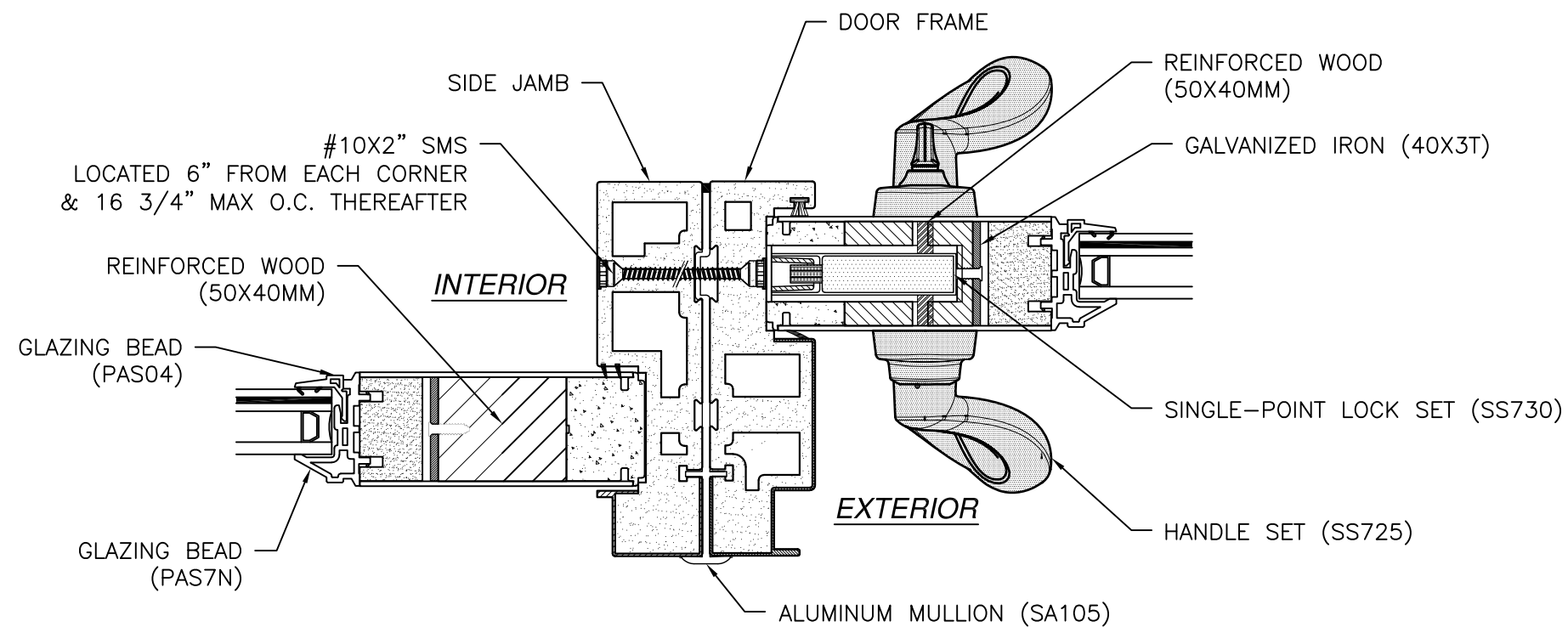
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ANCHORING LAYOUT



MULLION DETAIL

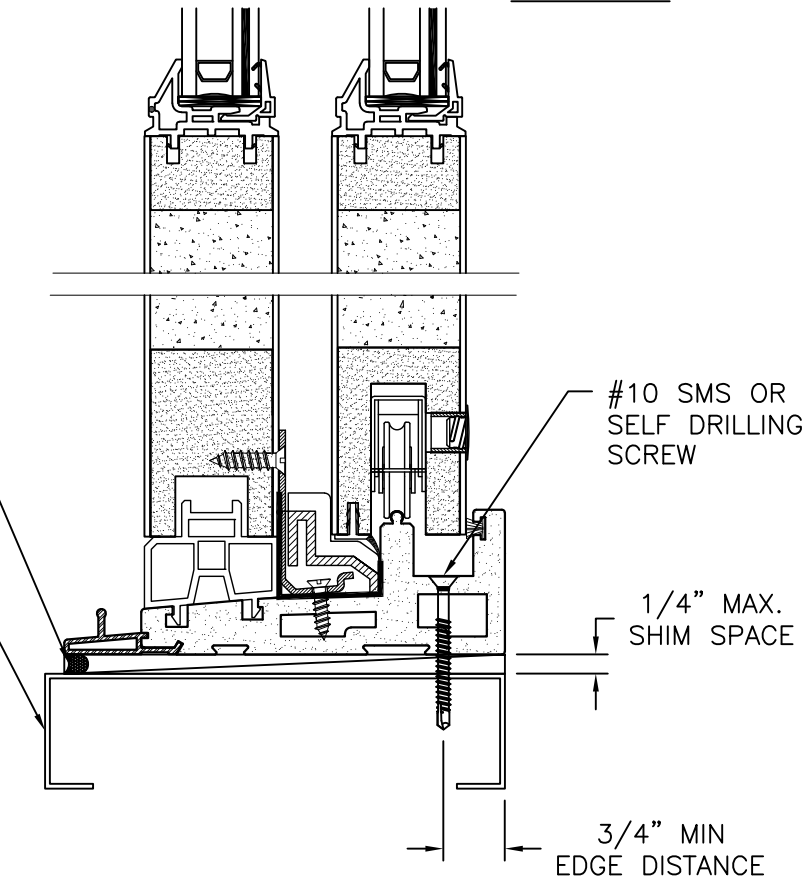
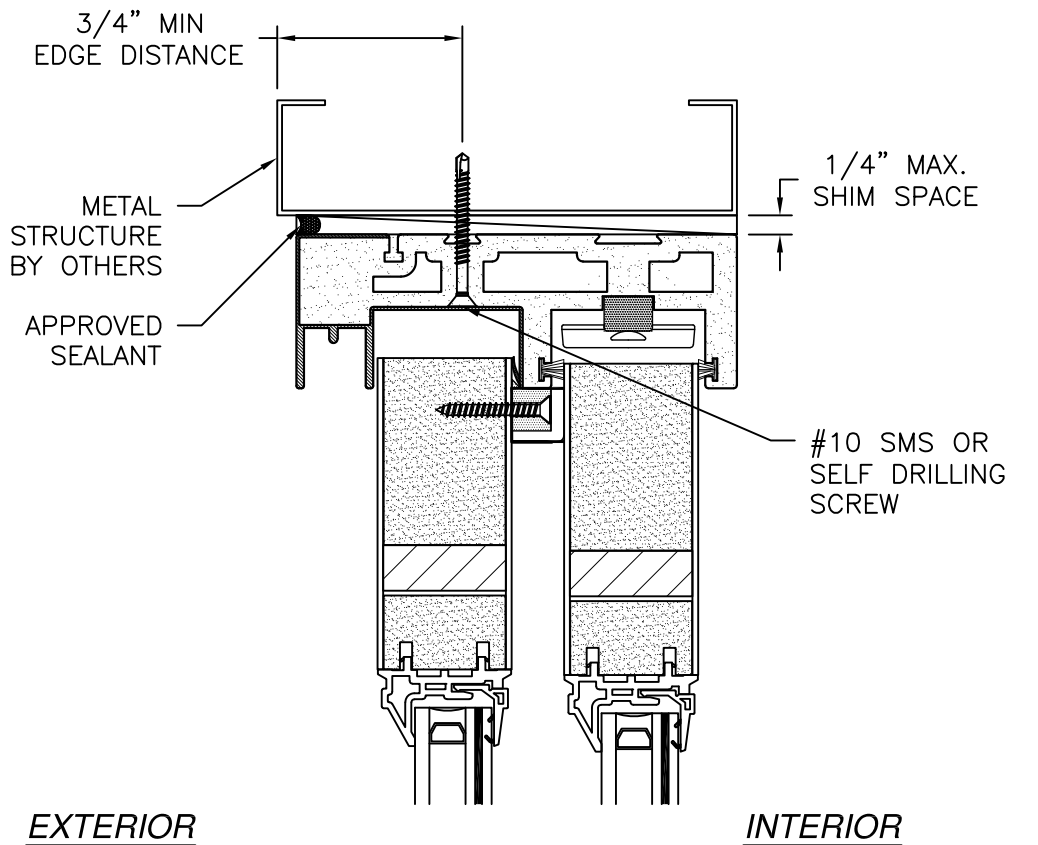
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DISTINCTION GLIDING FRENCH DOOR IMPACT HVHZ ANCHORING LAYOUT & MULLION DETAIL		
DRAWN: V.L.	DWG NO. 08-02989	REV A
SCALE NTS	DATE 11/02/16	SHEET 4 OF 8
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

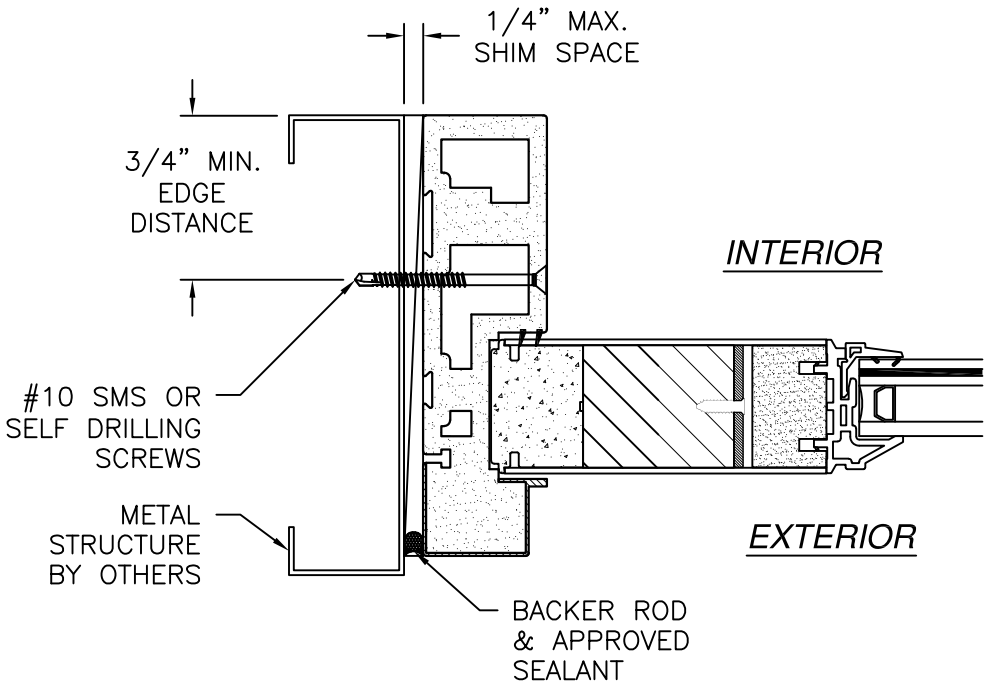
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- 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



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NAN YA PLASTICS CORP. USA

8909 NORTH LOOP EAST, SUITE 800

HOUSTON, TX 77029

DISTINCTION GLIDING FRENCH DOOR

IMPACT HVHZ

INSTALLATION DETAILS

DRAWN:

V.L.

DWG NO.

08-02989

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A

SCALE

NTS

DATE

11/02/16

SHEET

6

OF

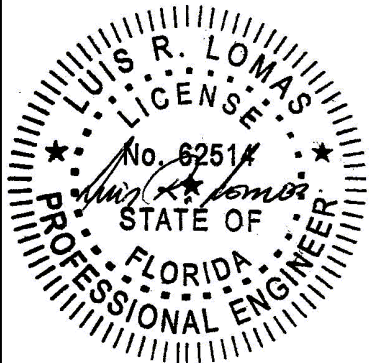
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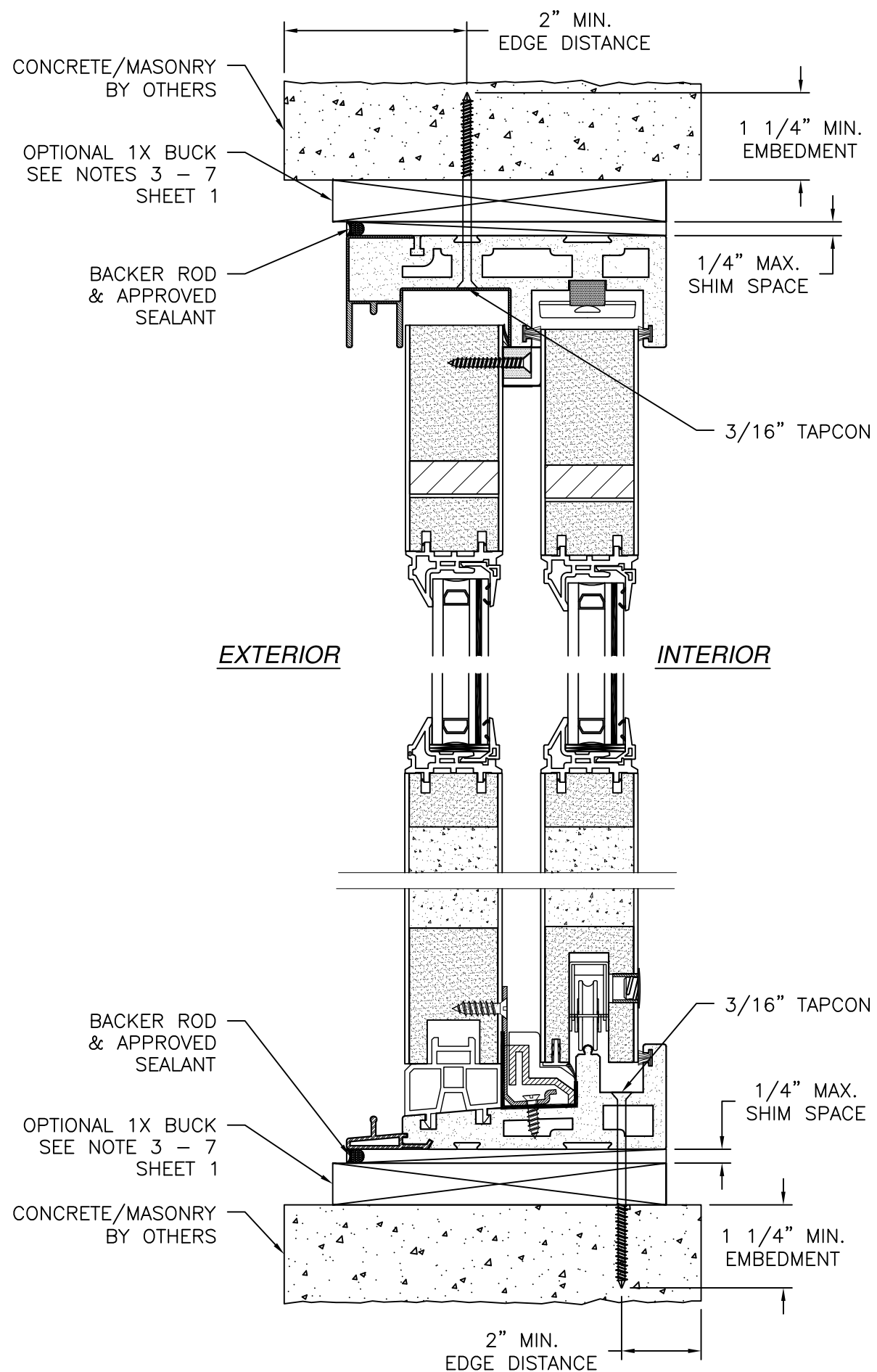
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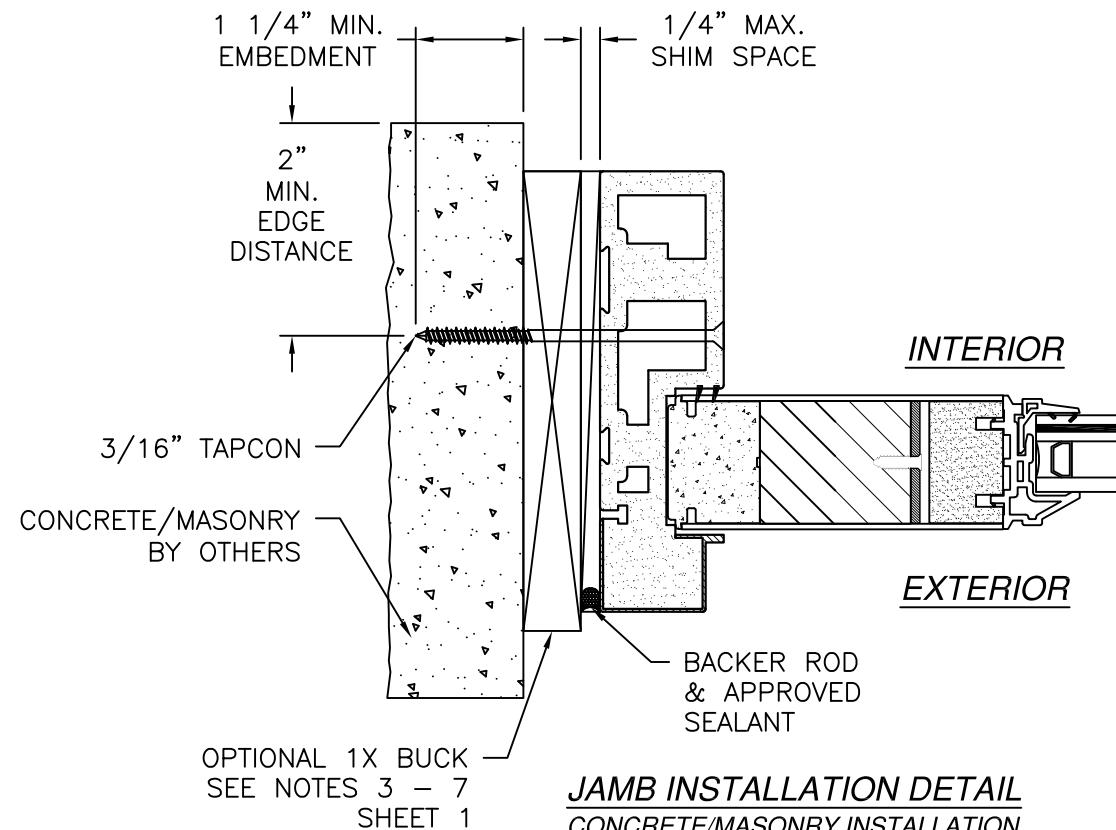


VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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

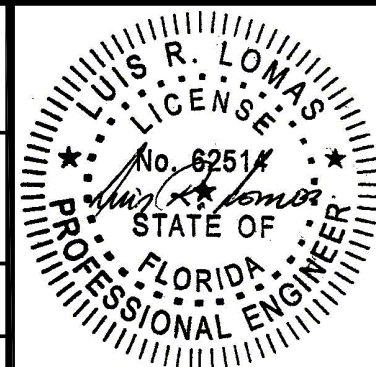
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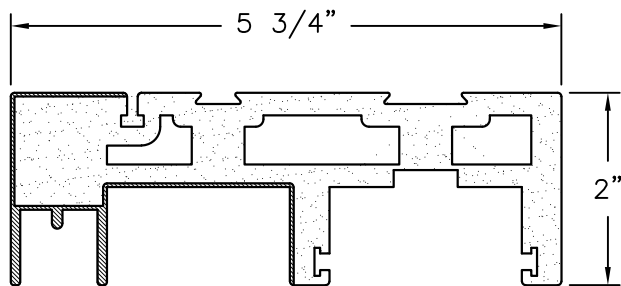
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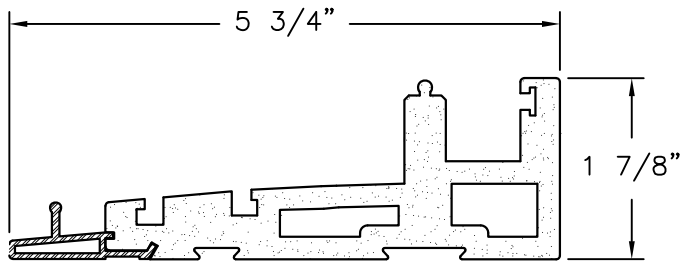


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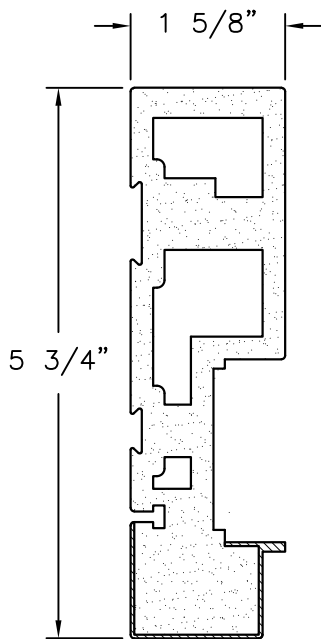
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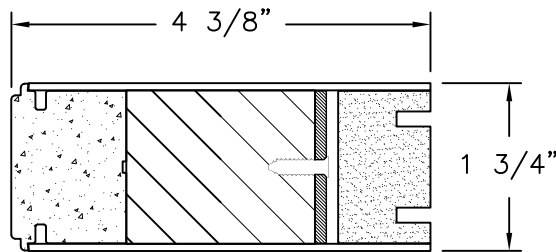
FRAME HEAD
PS711, COMPOSITE FOAM



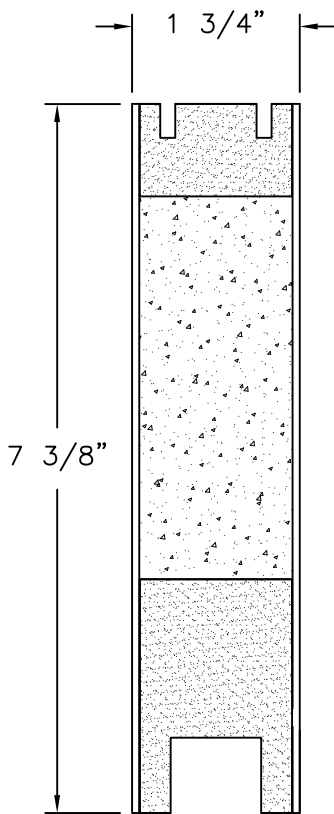
SILL
PS713, COMPOSITE FOAM & ALUMINUM



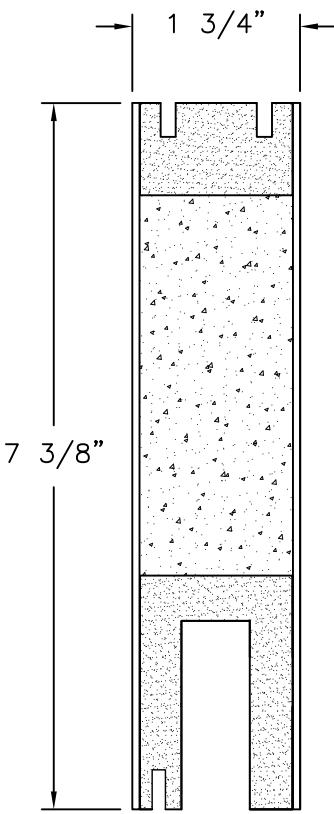
SIDE JAMB
PS715, COMPOSITE FOAM



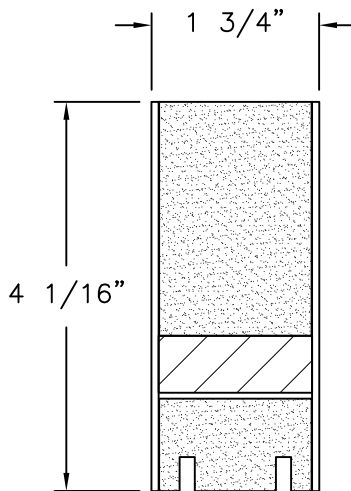
STILE
PU FOAM AND WOOD



FIXED PANEL BOTTOM RAIL
PU FOAM AND WOOD



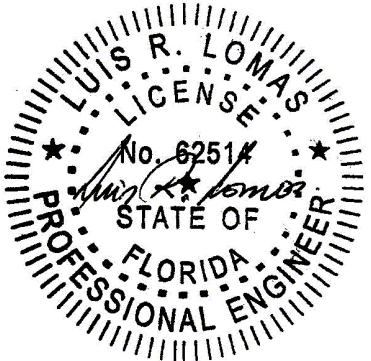
OPERABLE PANEL BOTTOM RAIL
PU FOAM AND WOOD



OPERABLE AND FIXED PANEL TOP RAIL
PU FOAM AND WOOD

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DISTINCTION GLIDING FRENCH DOOR IMPACT HVHZ COMPONENTS		
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