

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED MANUFACTURER ADDRESS	07/13/2026	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 1 1/2" THICK.
12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 2" THICK WITH ALUMINUM CLADDING .063" THICK.
13. DOOR PANEL AND SIDELITE MATERIAL: .075" THICK FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH PINE REINFORCEMENTS AND POLYURETHANE FOAM CORE.
14. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 13 FOR GLAZING DETAILS.
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" TAPCON 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 #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 .048" THICK MINIMUM
21. APPROVED CONFIGURATIONS: O, X, O/X, XX, O/X/O, XX/O, O/XX AND O/XX/O. SEE SHEET 3.
22. HINGES LOCATED AT 8 3/4", 39 1/2", AND 71 3/8" FROM TOP OF PANEL.

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14	COMPONENTS

NAN YA PLASTICS CORP. USA

4016 SHADRACK ST.
HOUSTON, TX 77013

IN-SWING ENTRANCE DOOR W/SIDELITES

FIBERGLASS NON-IMPACT GLAZED

NOTES

DRAWN:
A.R.

DWG NO.
08-03400B

REV
B

SCALE NTS

DATE 03/28/19

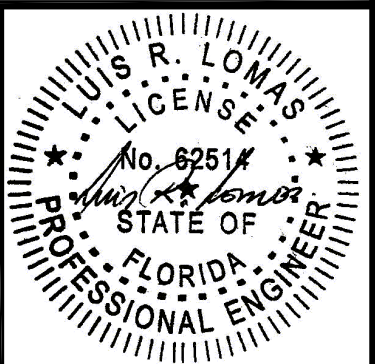
SHEET 1 OF 14

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

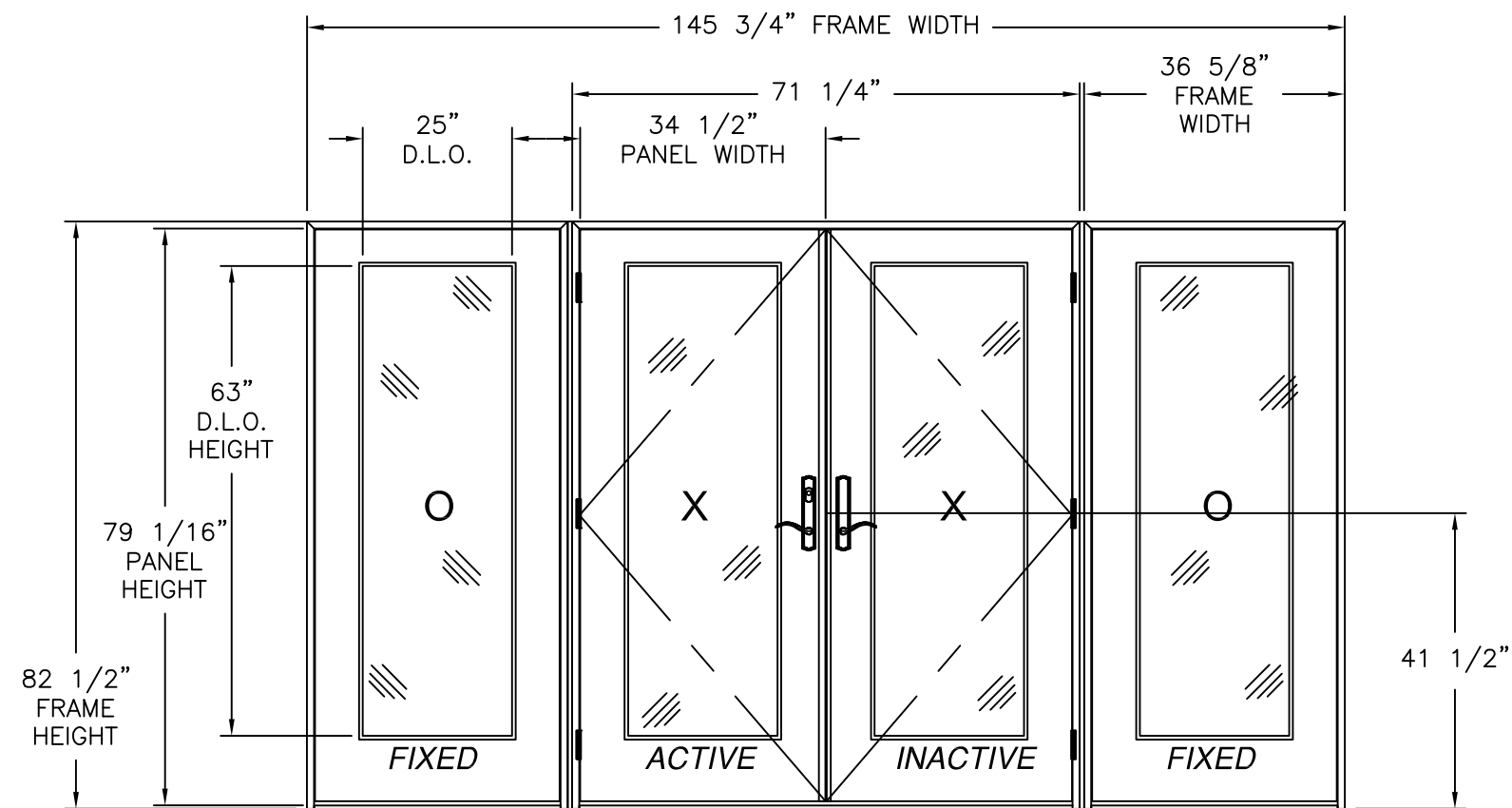
434-688-0609 rllomas@rlomaspe.com

SIGNED: 07/13/2026



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

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IN-SWING ENTRANCE DOOR
DOUBLE DOOR W/ SIDELITES (SLPS)
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
± 40.0 PSF	NONE

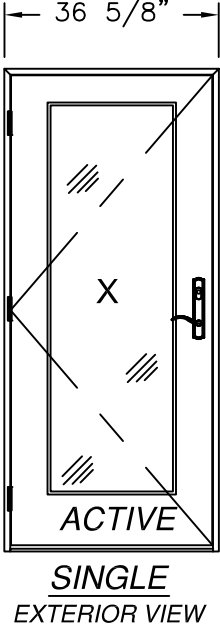
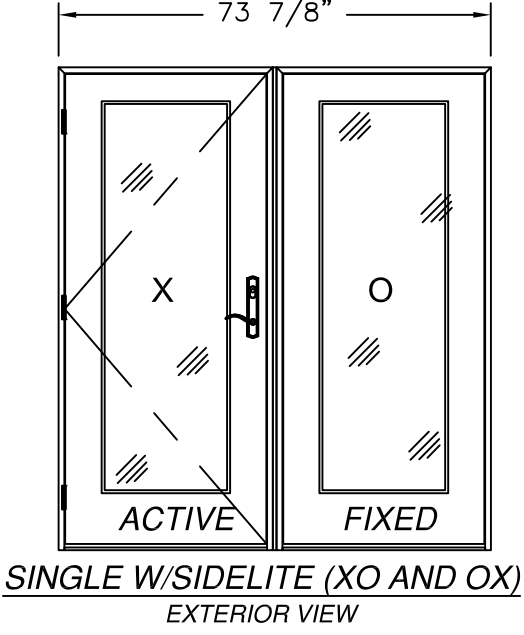
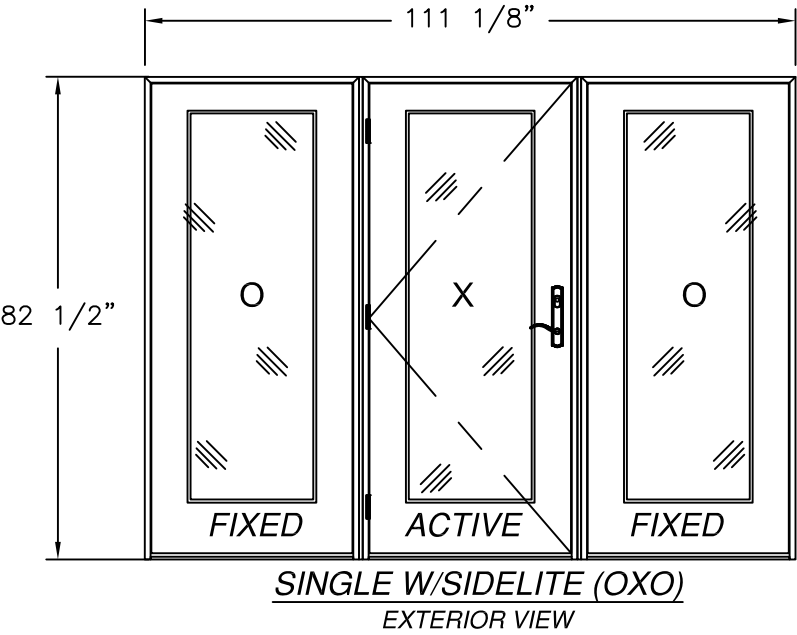
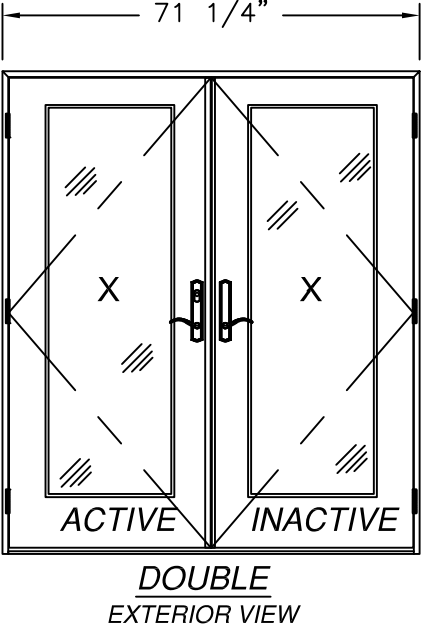
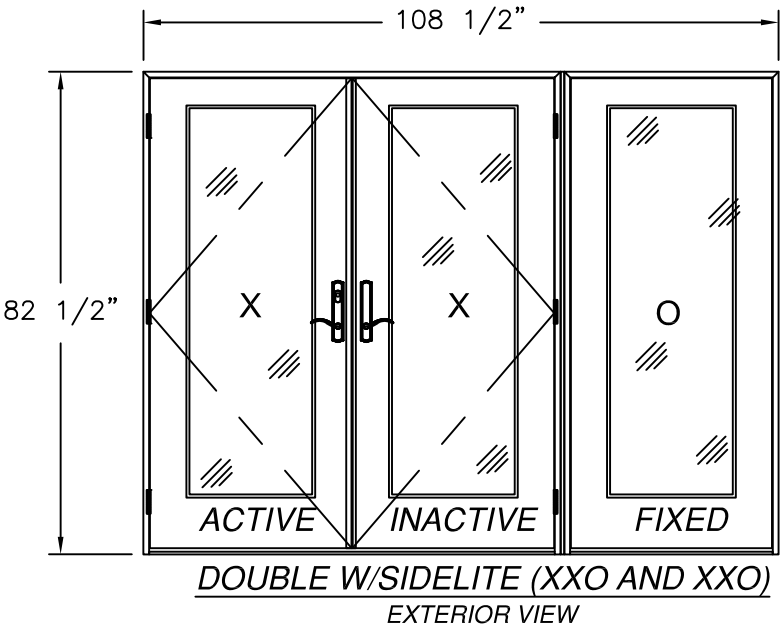
34 1/2" X 79 1/16" PANELS SHOWN. OTHER PANEL SIZES ARE APPROVED
AS LONG AS PANEL AREA DOES NOT EXCEED 18.94 FT²

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NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED ELEVATION		
DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 2 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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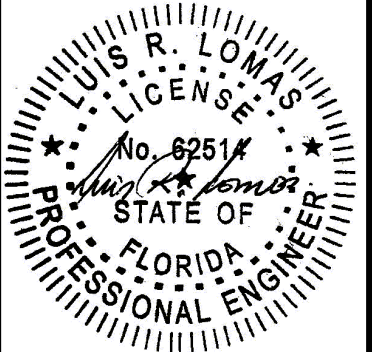


HARDWARE SCHEDULE	
A.	2 POINT LOCK BY NINGBO MICOTA (INACTIVE PANEL)
B.	3 POINT LOCK BY NINGBO MICOTA (ACTIVE PANEL)
C.	(4) 4"x4" BUTT HINGES BY WENZHOU LONGTAI (PER PANEL)
D.	ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS
E.	ALUMINUM & PVC FOAM MULLION BY NAN YA PLASTICS

NOTE:
ALL APPROVED CONFIGURATIONS ARE SHOWN AS LEFT
HAND ACTIVE, RIGHT HAND ACTIVE IS ALSO APPROVED.

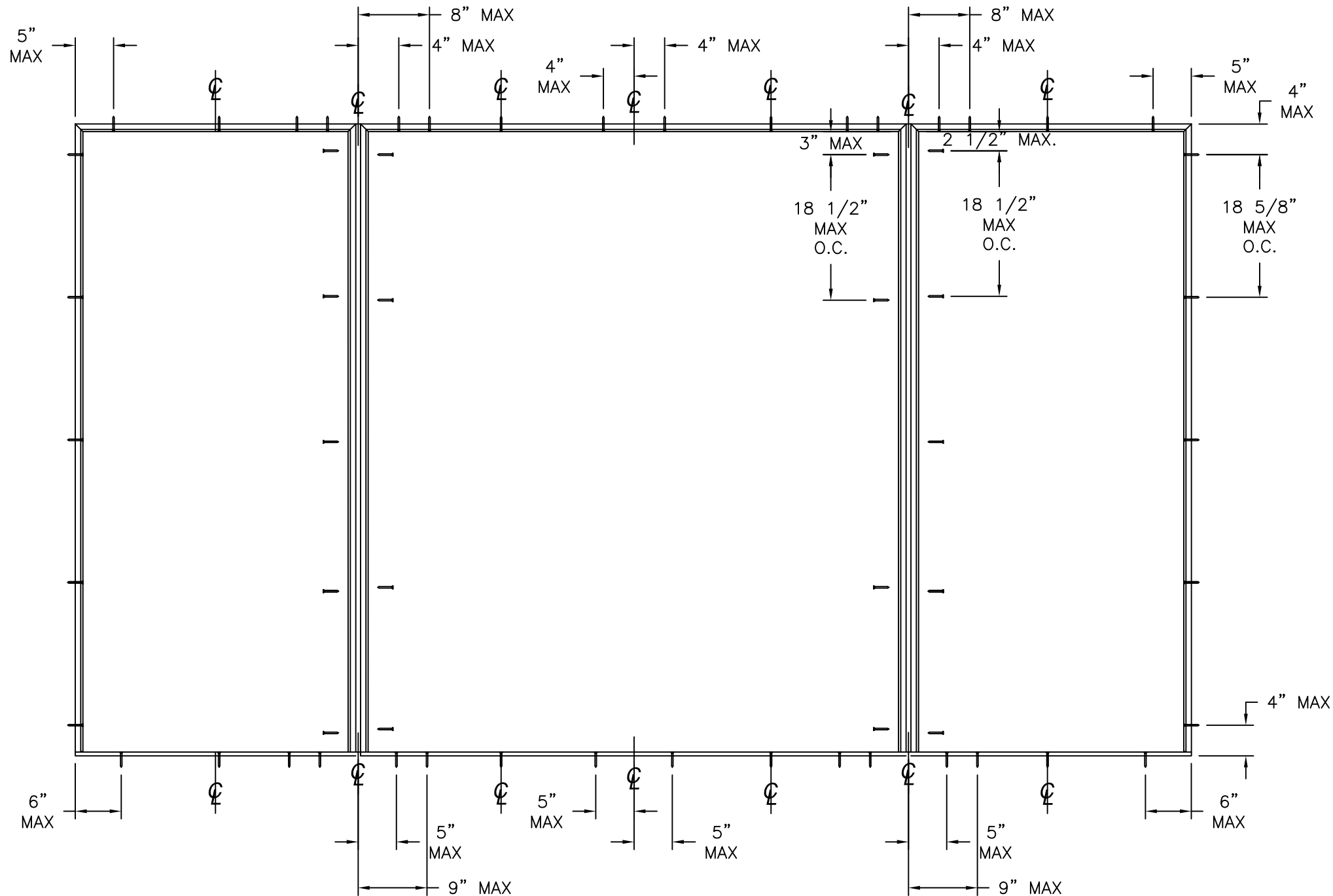
NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED ADDITIONAL CONFIGURATIONS AND HARDWARE		
DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 3 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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B	ANCHORING NOTES: REVISED MANUFACTURER ADDRESS	07/13/2026	R.L.



ANCHORING LAYOUT FOR OXXO

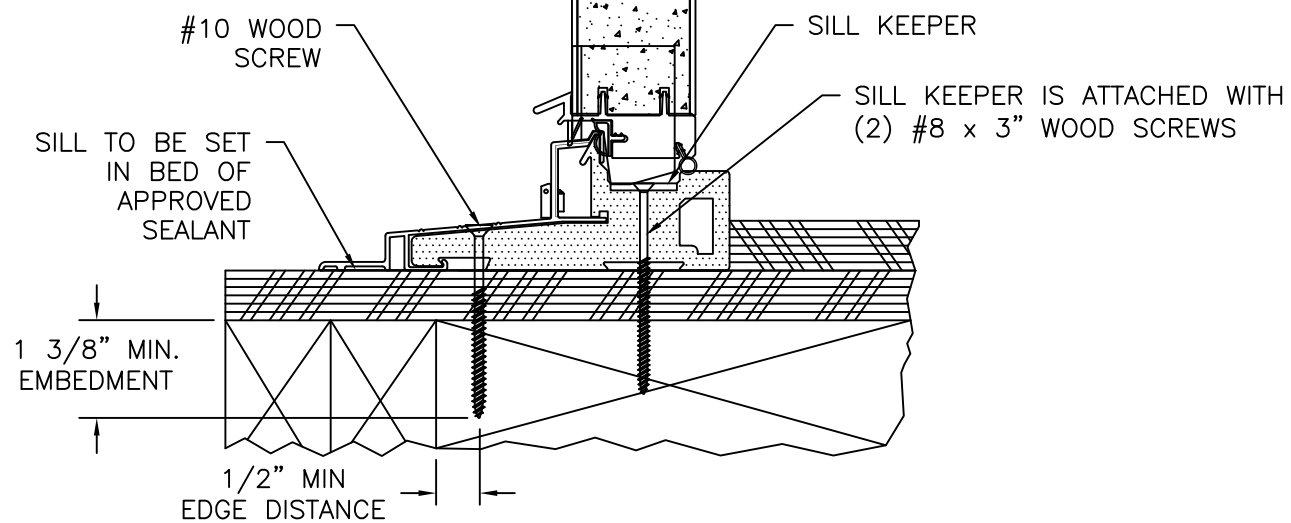
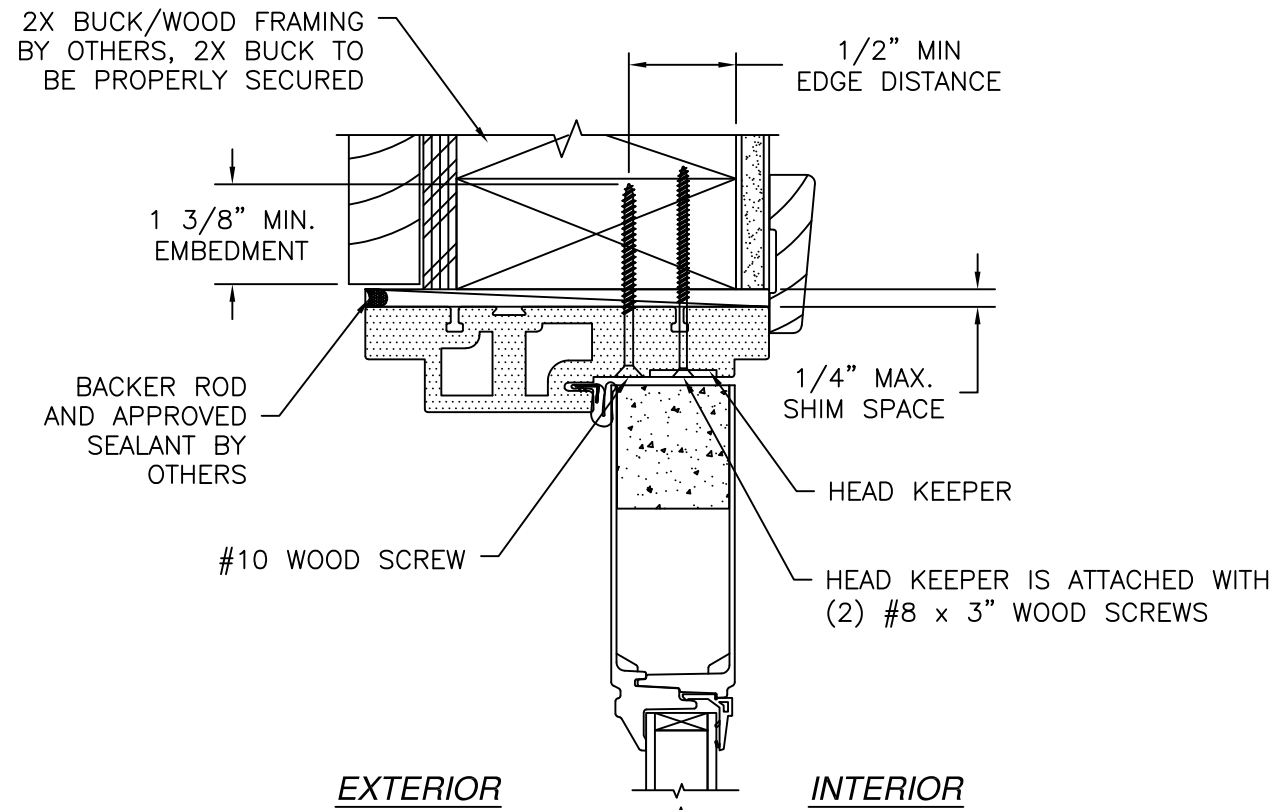
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IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED ANCHORING LAYOUT		
DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 4 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

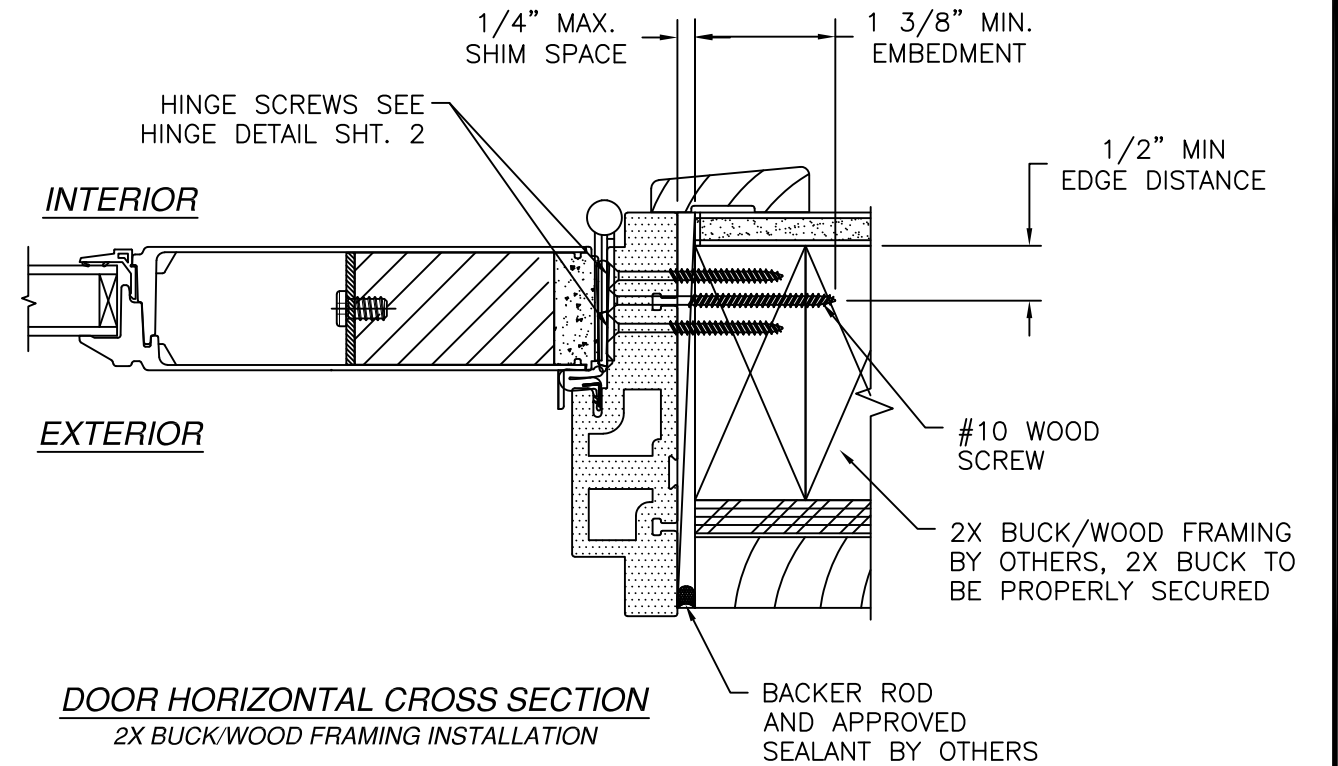
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DOOR VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION



DOOR HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING 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

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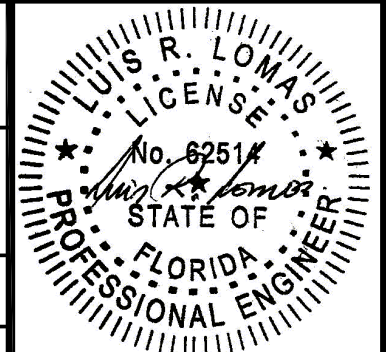
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4016 SHADRACK ST.
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IN-SWING ENTRANCE DOOR W/SIDELITES
FIBERGLASS NON-IMPACT GLAZED
DOOR INSTALLATION DETAILS

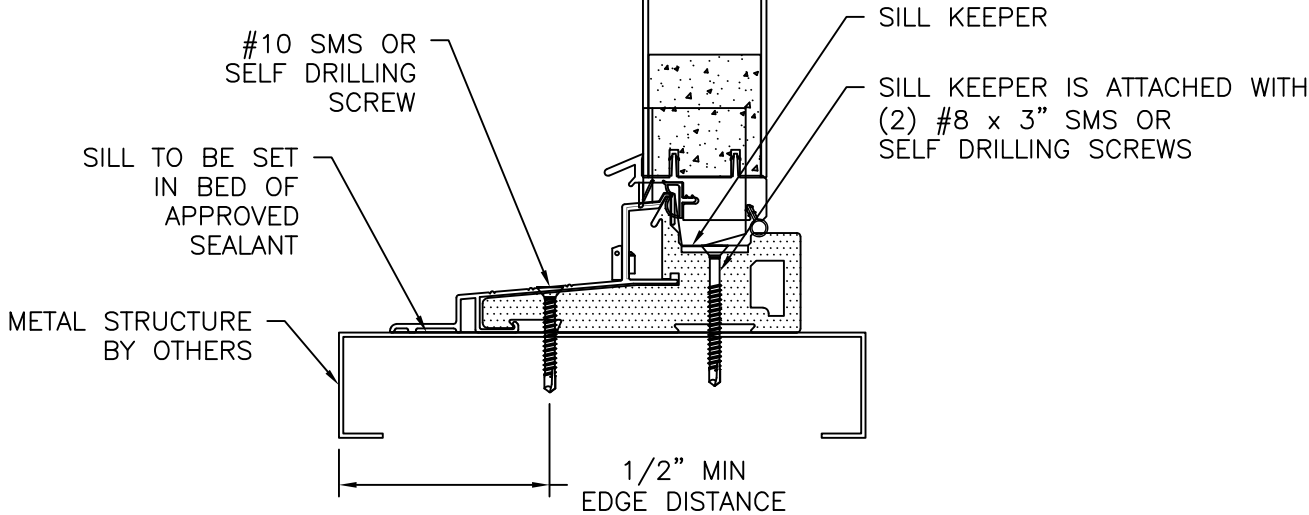
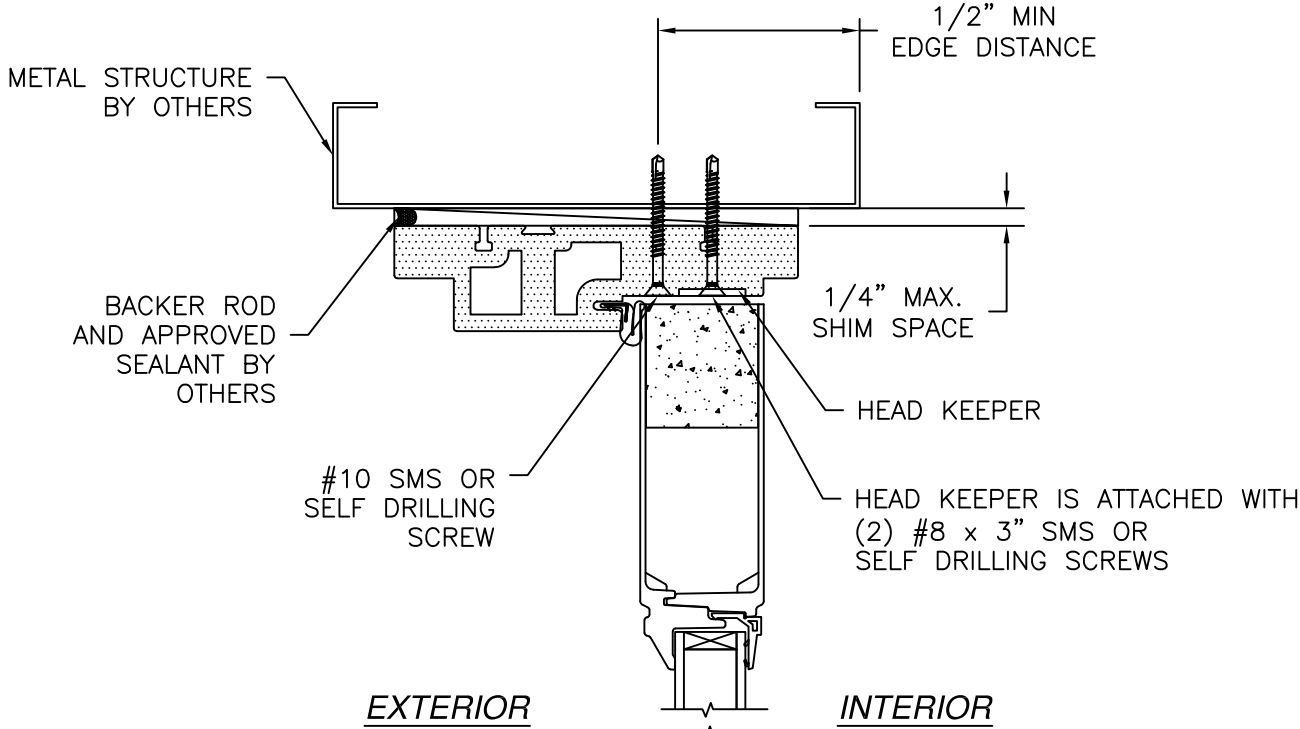
DRAWN: A.R.	DWG NO. 08-03400B	REV B
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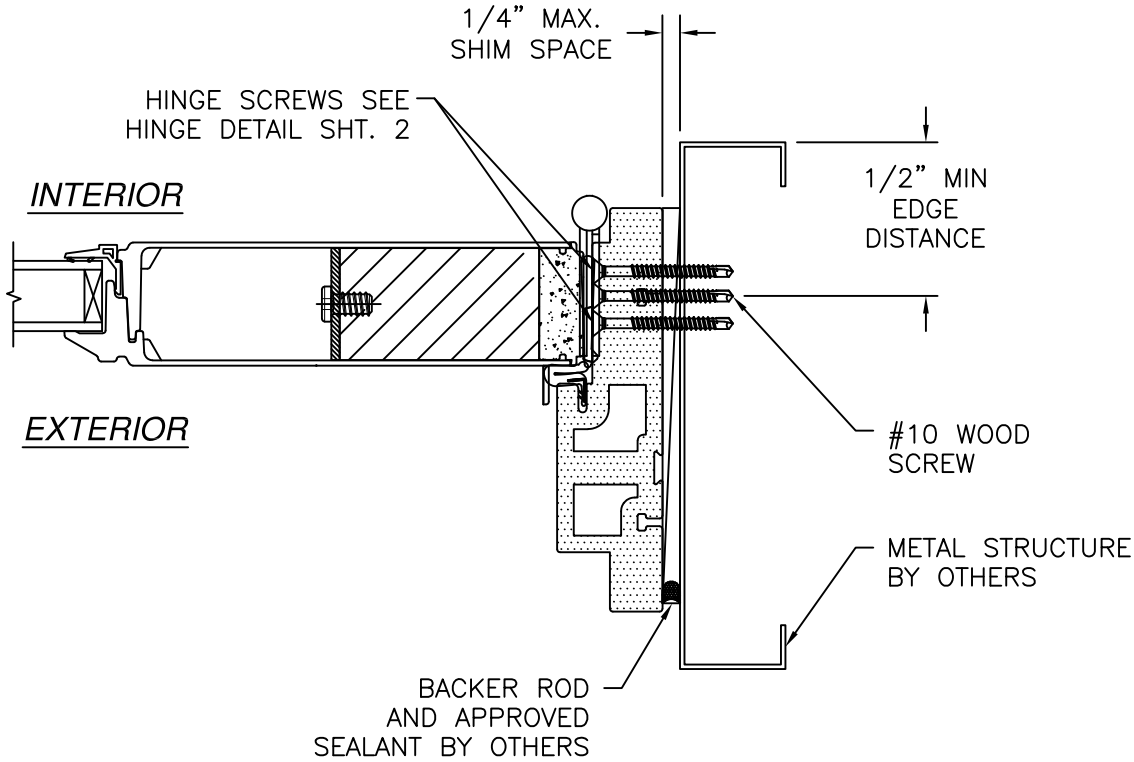


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DOOR VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

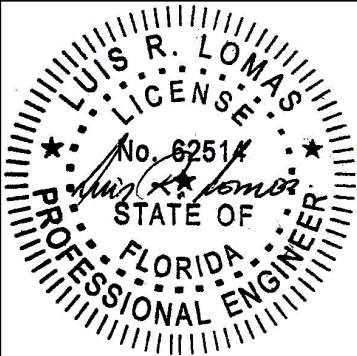


DOOR HORIZONTAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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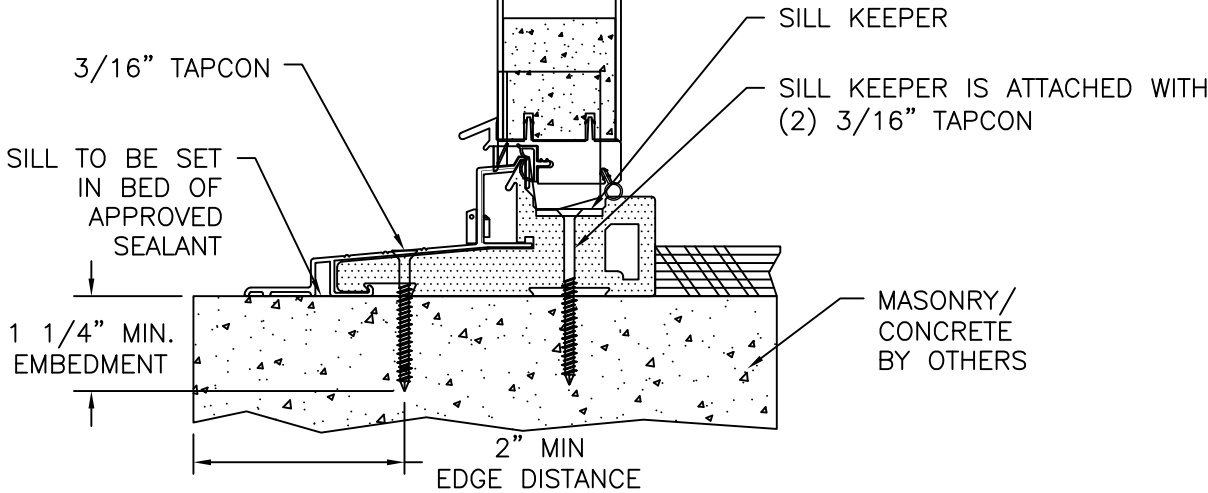
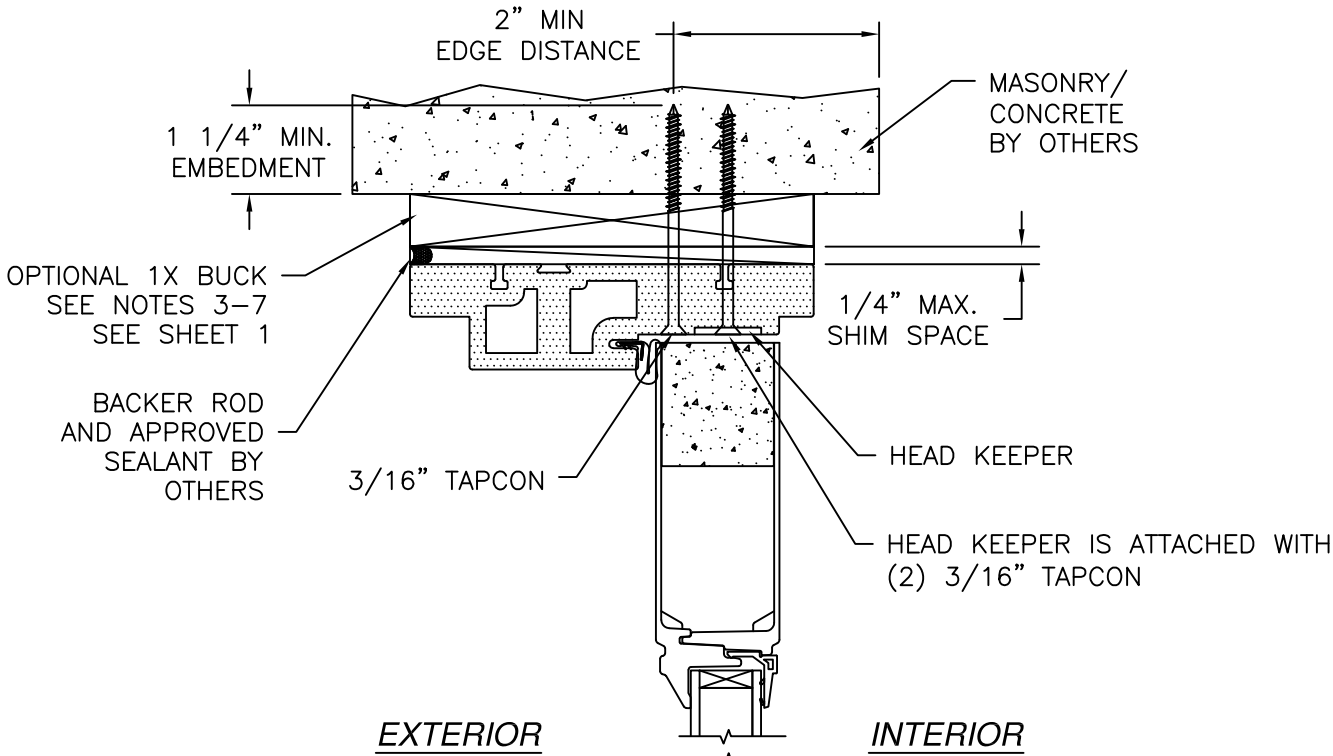
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IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED DOOR INSTALLATION DETAILS		
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SCALE NTS	DATE 03/28/19	SHEET 7 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

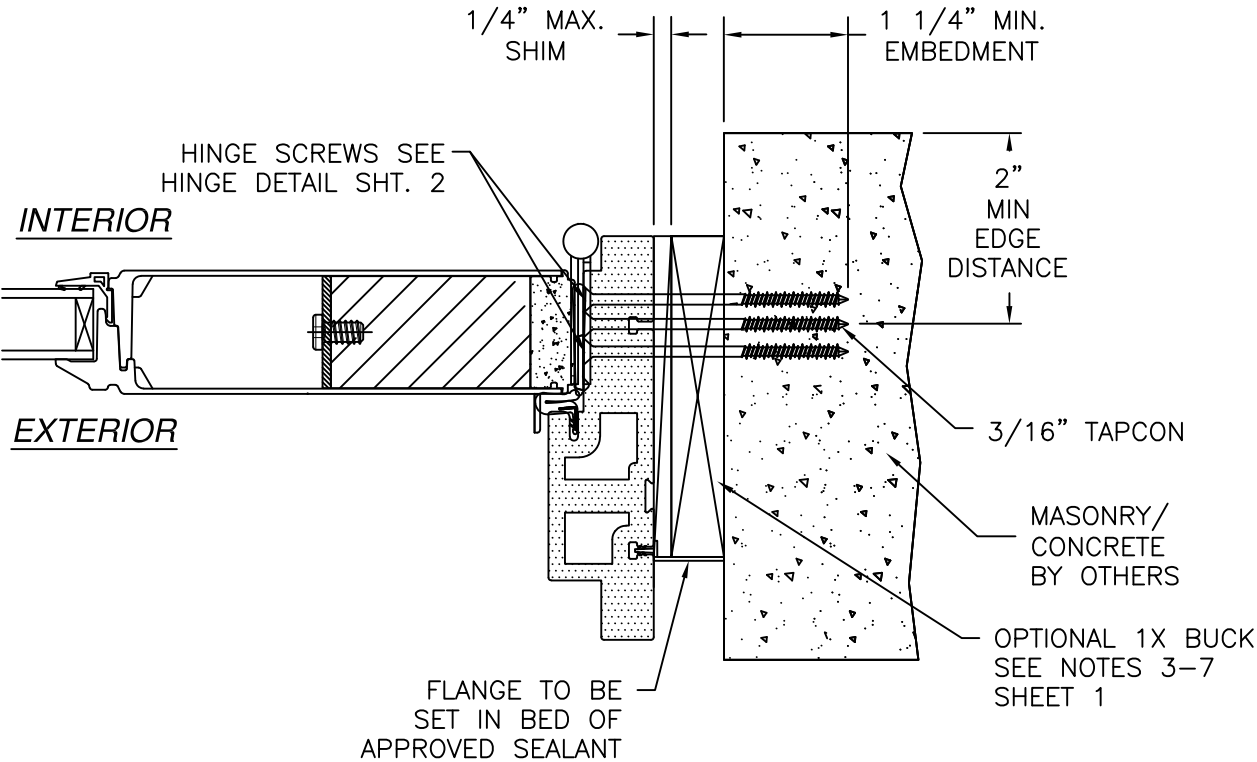


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DOOR VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

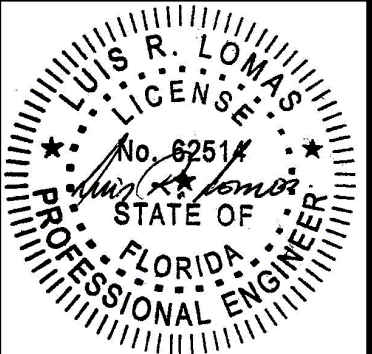


DOOR HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

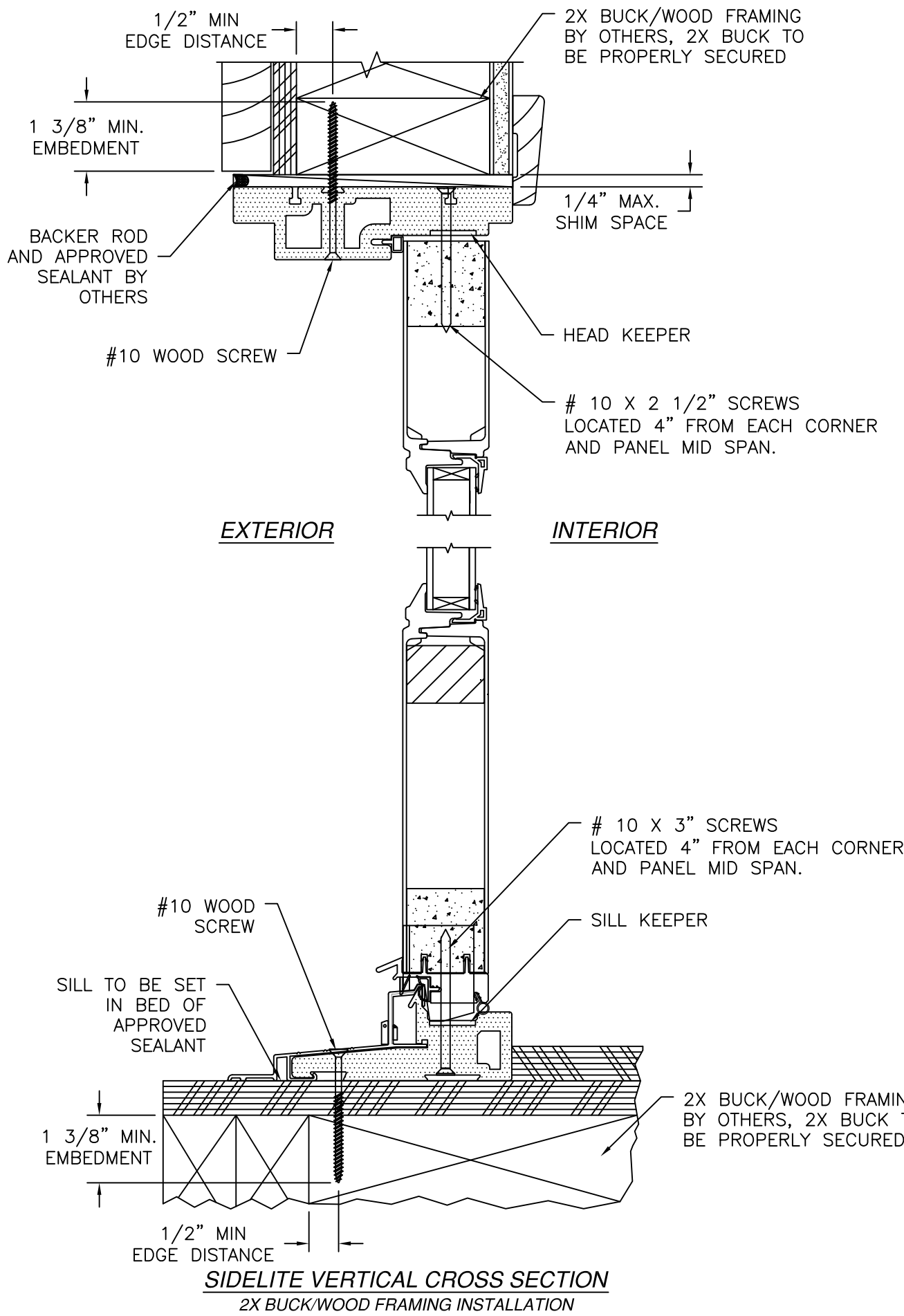
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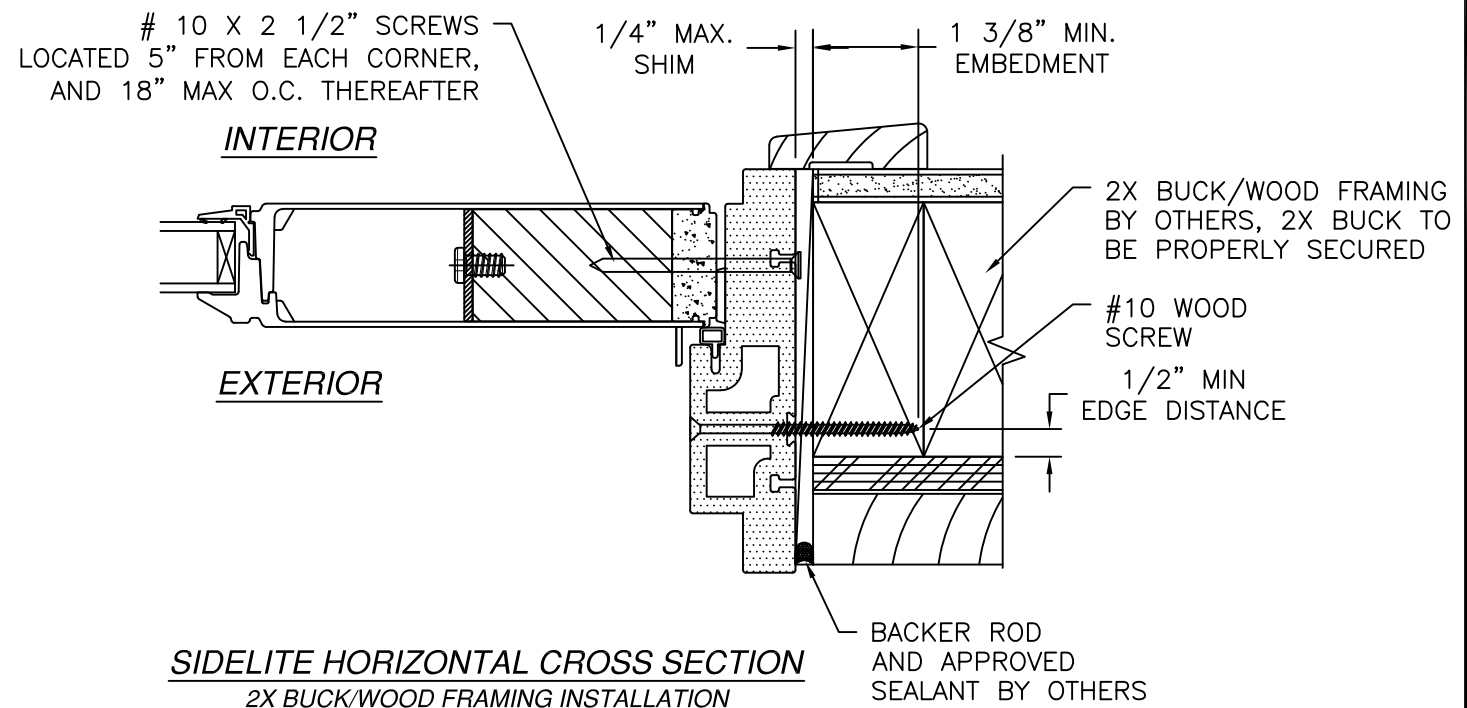
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IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED DOOR INSTALLATION DETAILS		
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SCALE NTS	DATE 03/28/19	SHEET 8 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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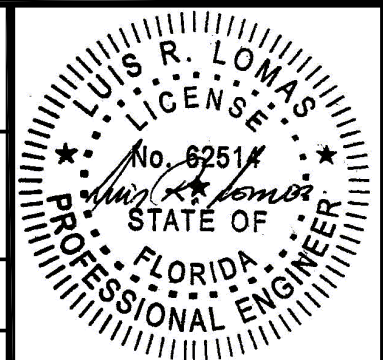
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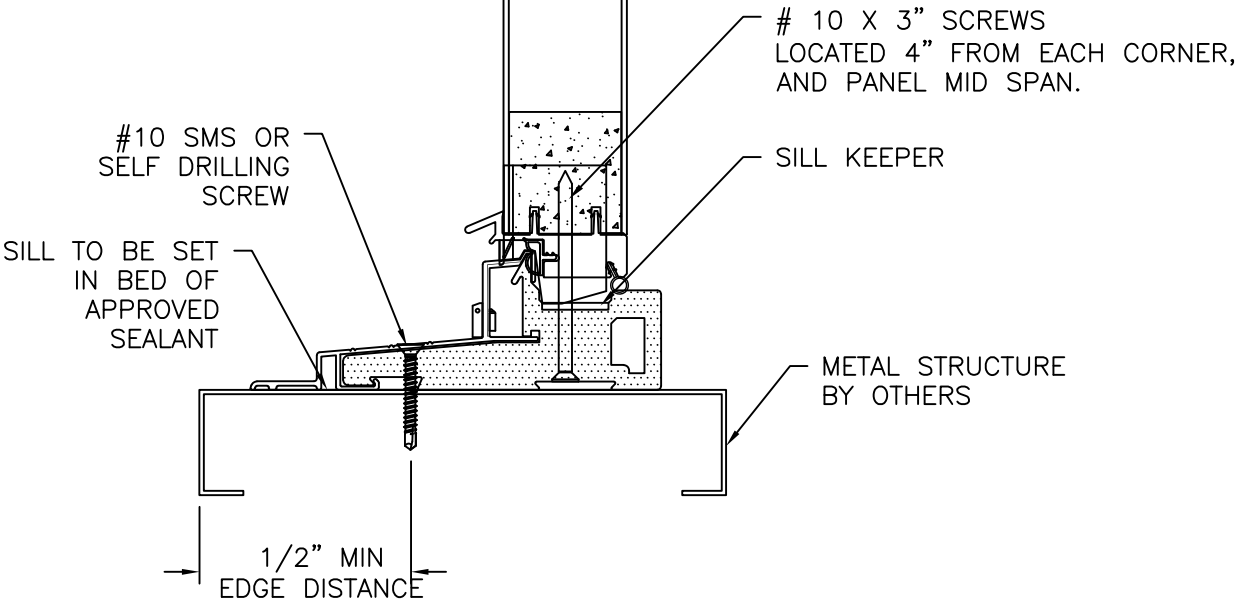
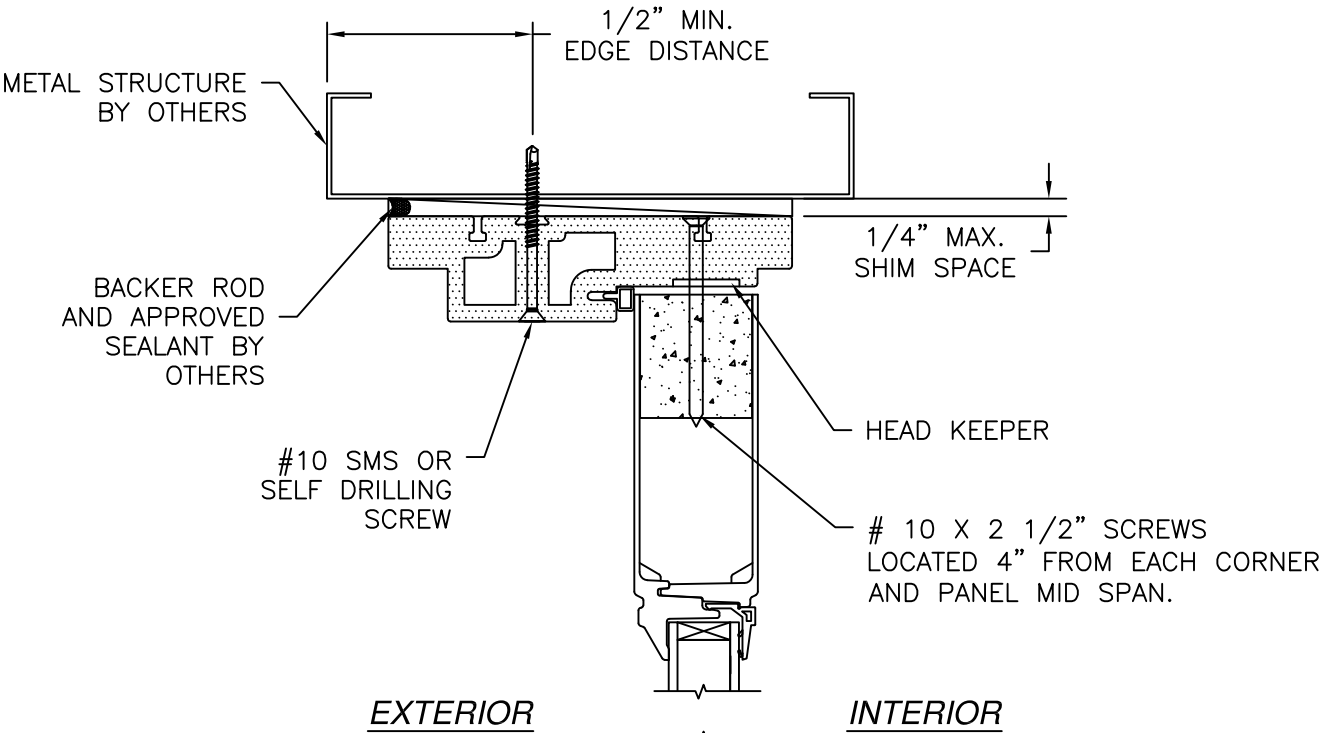
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IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED SIDELITES INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 9 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

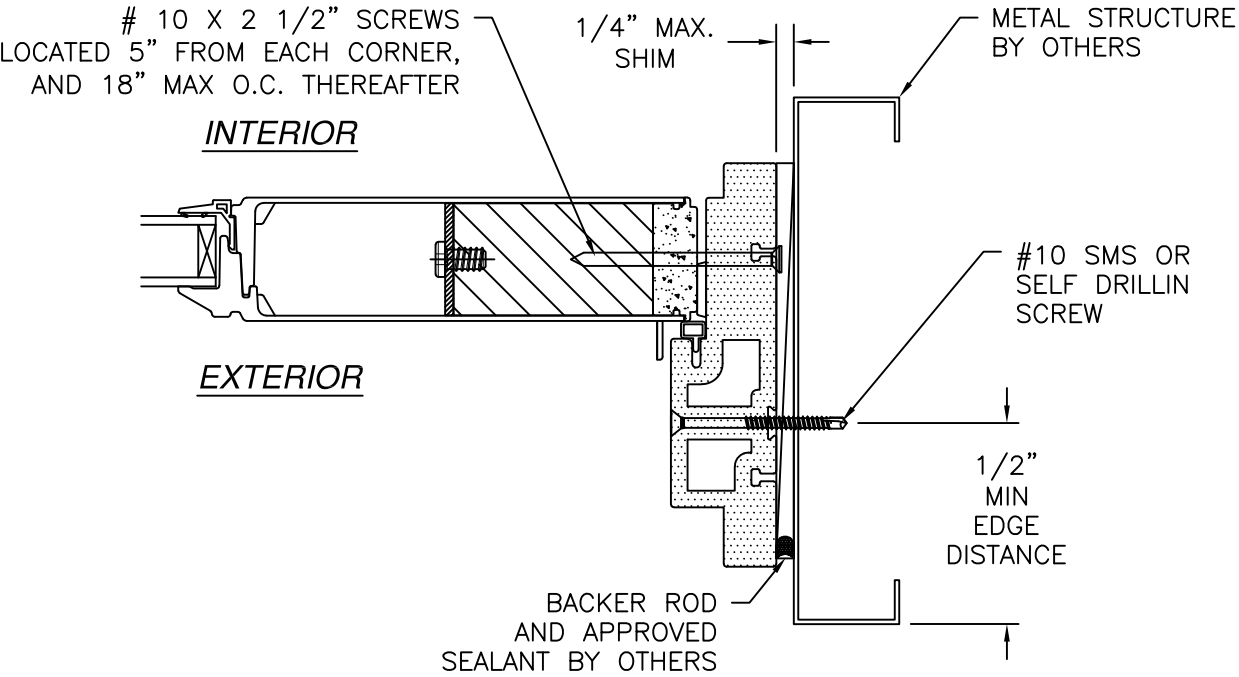


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SIDELITE VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- NOTES:
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HOUSTON, TX 77013

IN-SWING ENTRANCE DOOR W/SIDELITES

FIBERGLASS NON-IMPACT GLAZED

SIDELITES INSTALLATION DETAILS

DRAWN: A.R.

DWG NO. 08-03400B

REV B

SCALE NTS

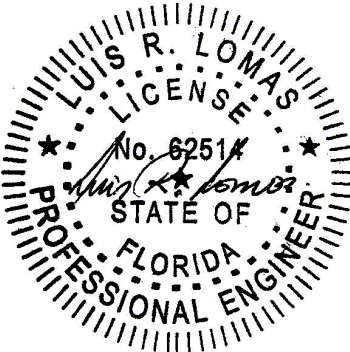
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SHEET 10 OF 14

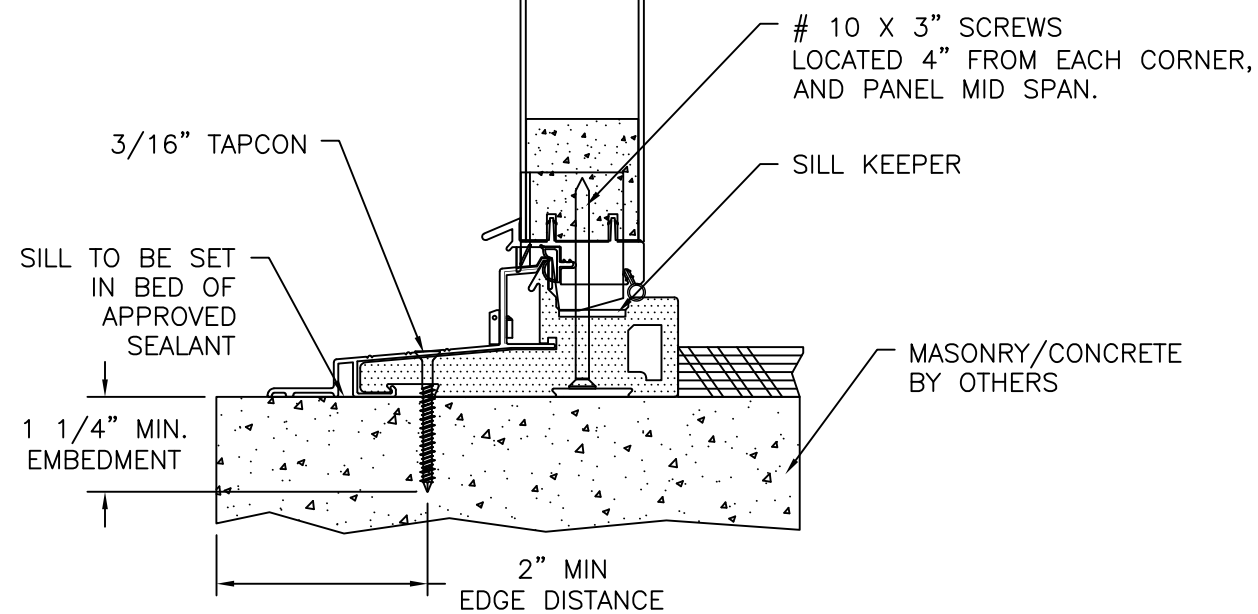
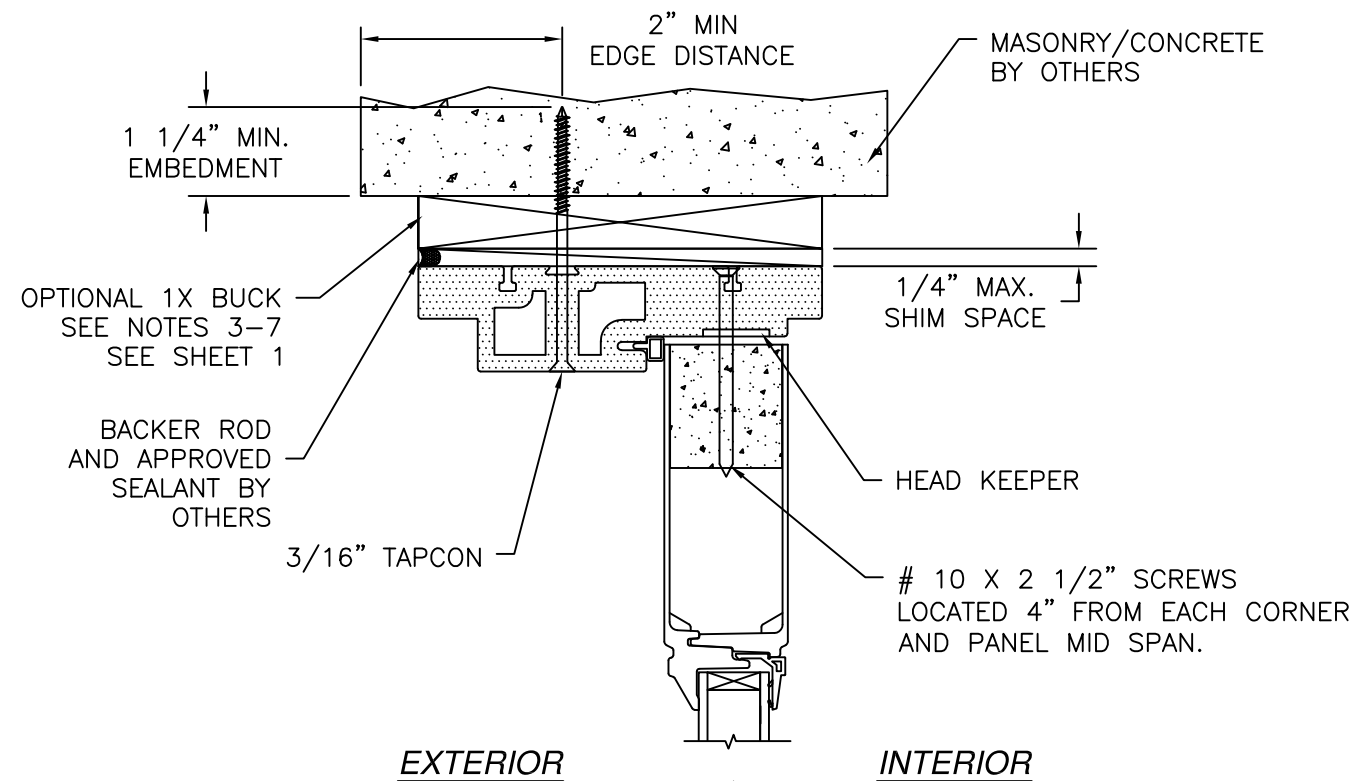
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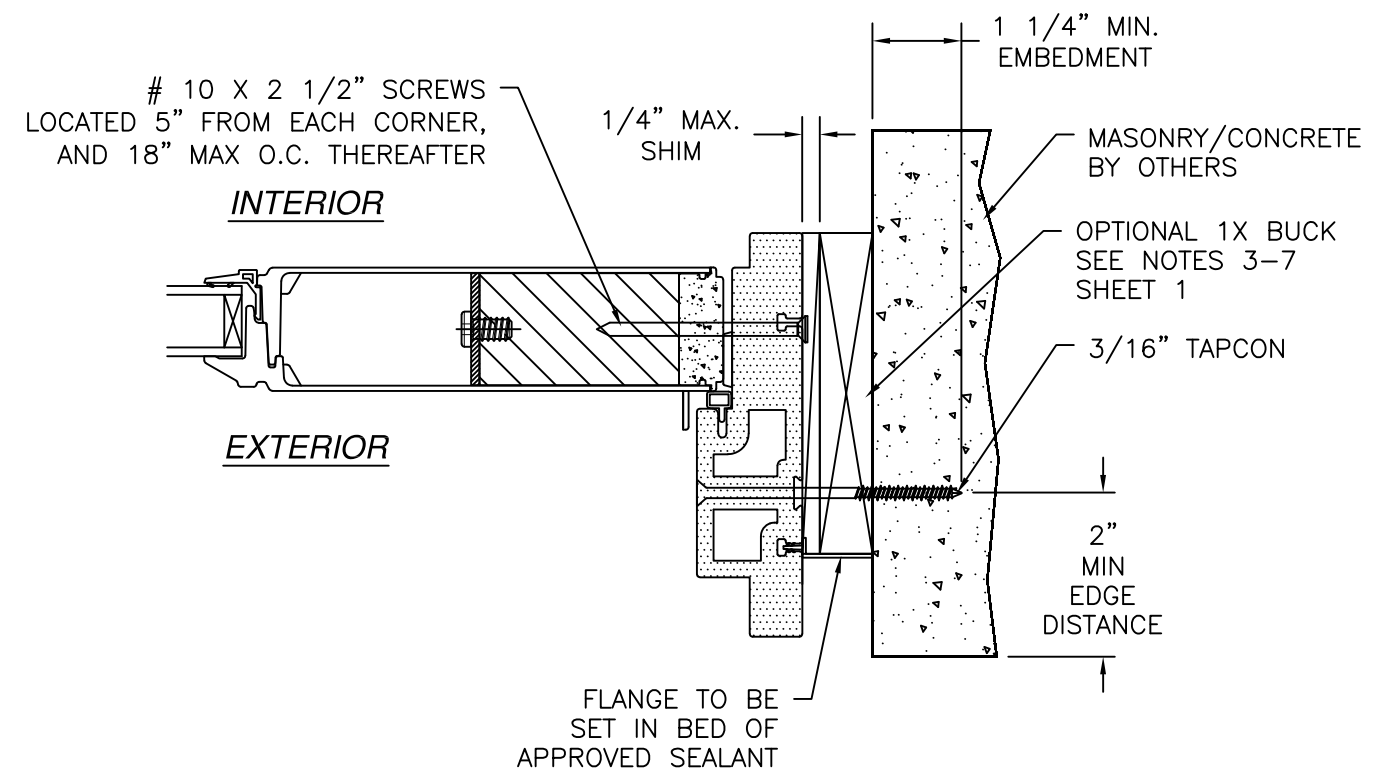
434-688-0609 rllomas@lrlomaspe.com



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SIDELITE VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



SIDELITE HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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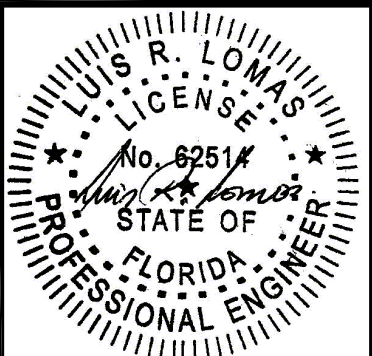
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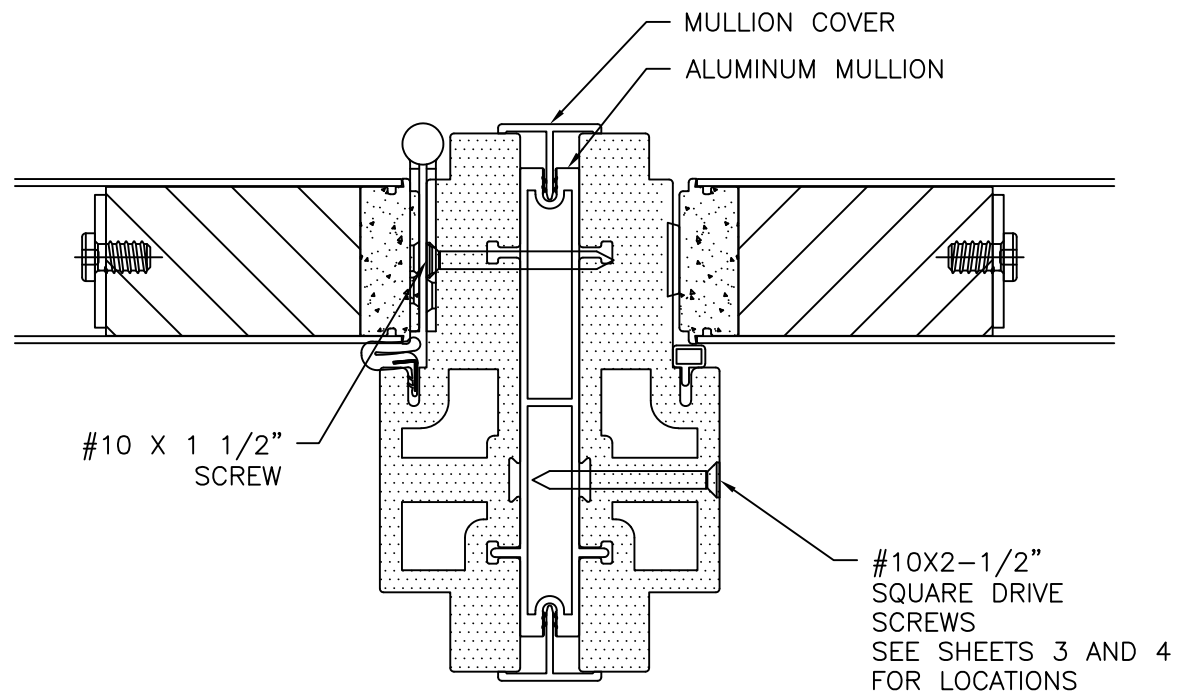
IN-SWING ENTRANCE DOOR W/SIDELITES
FIBERGLASS NON-IMPACT GLAZED
SIDELITES INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 11 OF 14

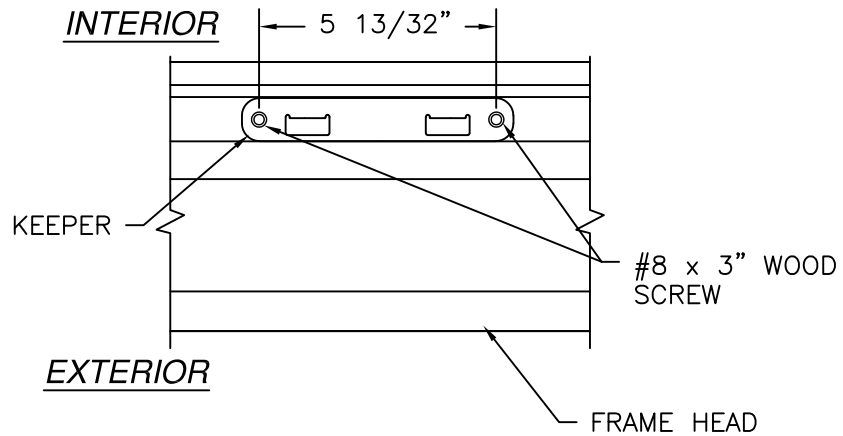
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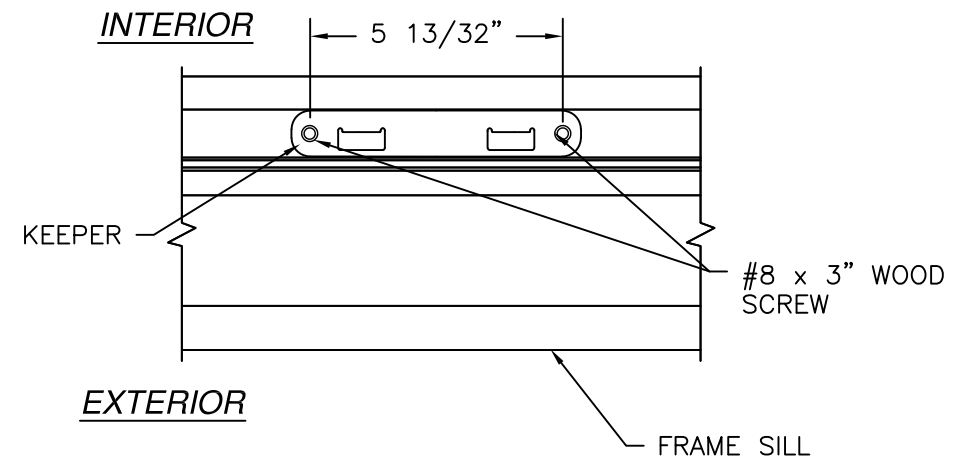
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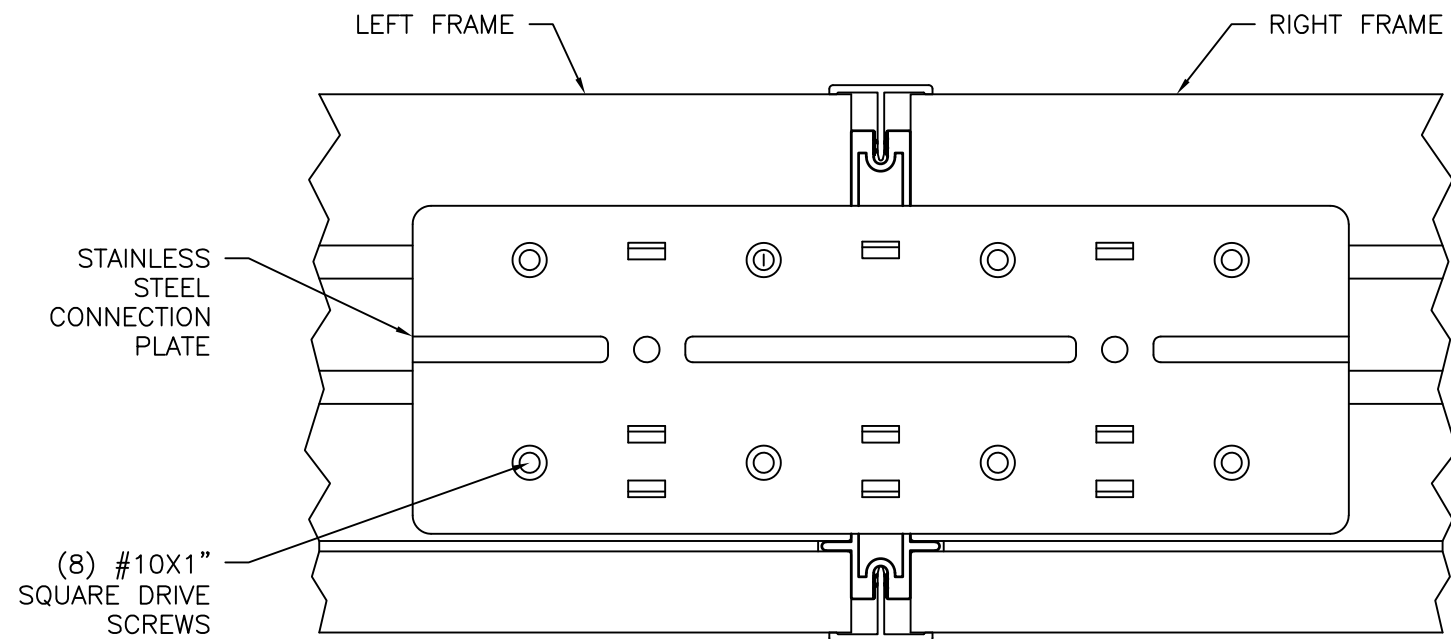
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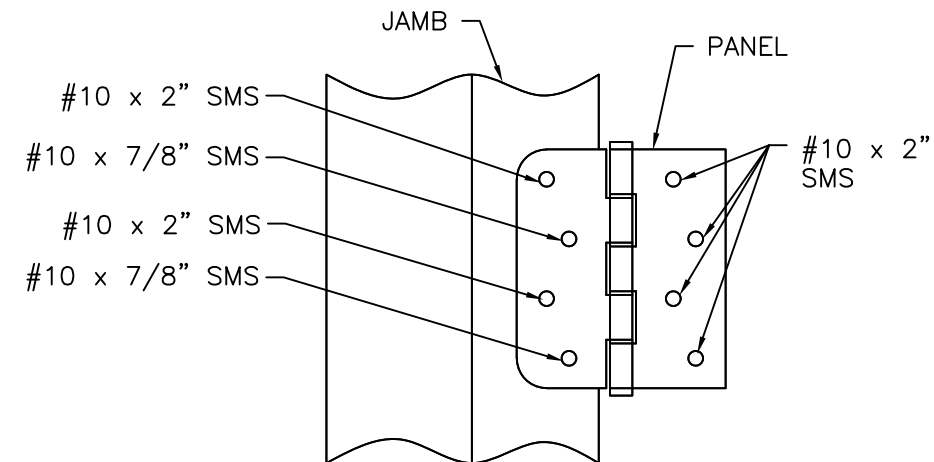
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SILL KEEPER DETAIL



FRAME CONNECTION DETAIL

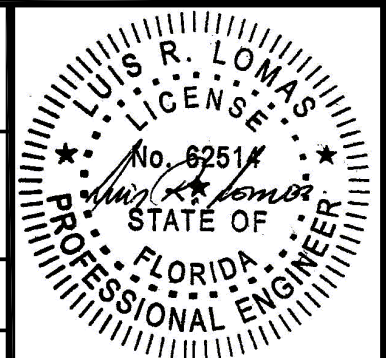


HINGE INSTALLATION DETAIL

REVISIONS			
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B	REVISED MANUFACTURER ADDRESS	07/13/2026	R.L.

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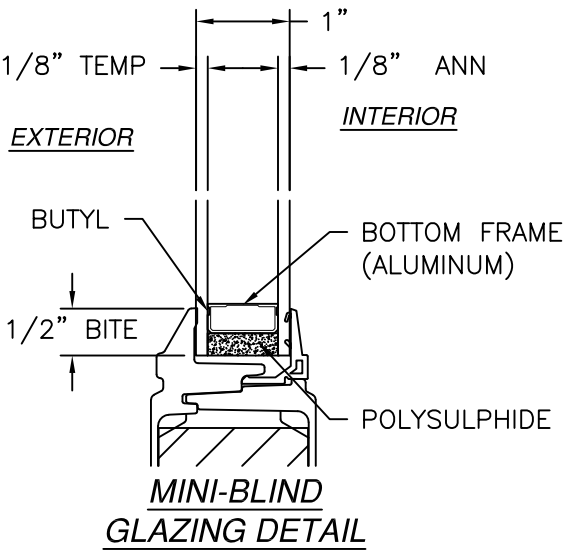
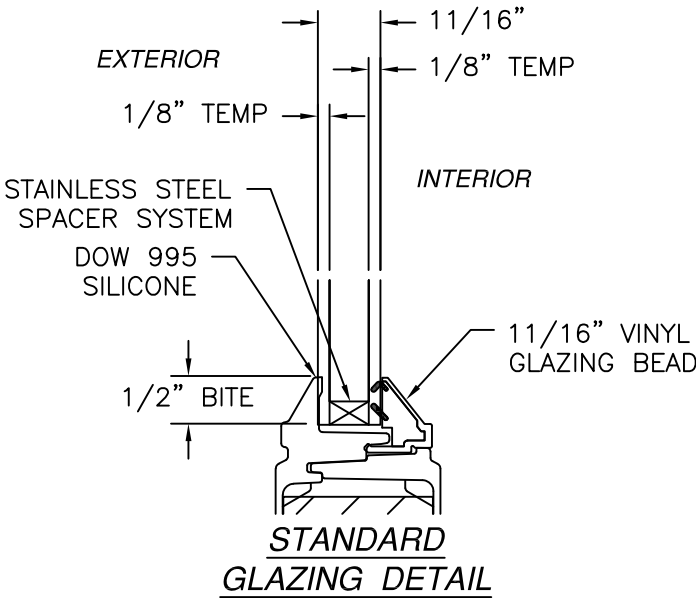
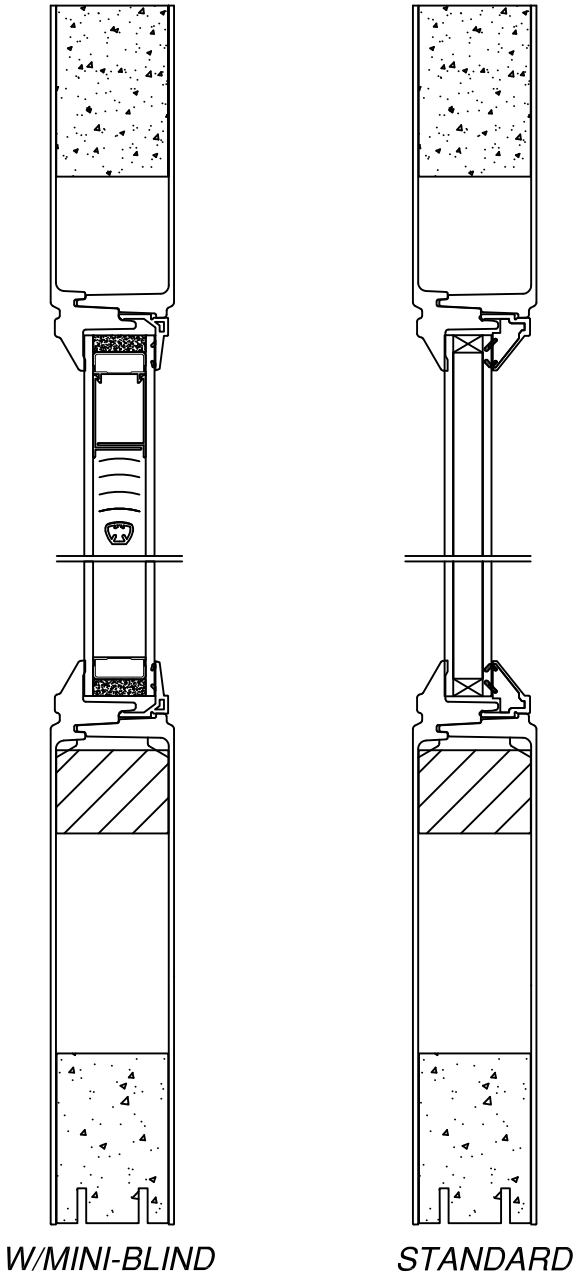
NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 12 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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

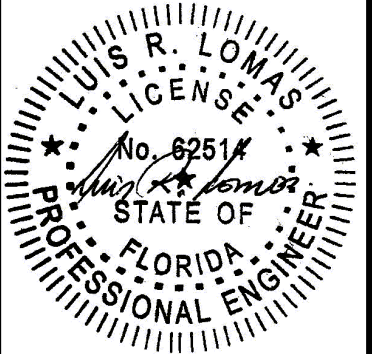
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED MANUFACTURER ADDRESS	07/13/2026	R.L.

APPROVED PANEL CONFIGURATIONS

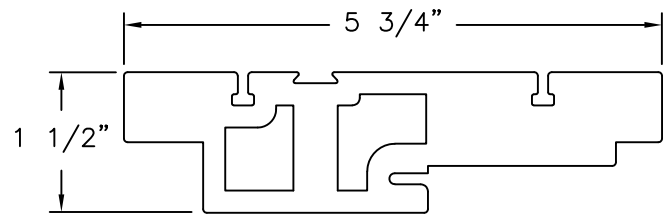


NAN YA PLASTICS CORP. USA 4016 SHADRACK ST. HOUSTON, TX 77013		
IN-SWING ENTRANCE DOOR W/SIDELITES FIBERGLASS NON-IMPACT GLAZED COMPONENTS		
DRAWN: A.R.	DWG NO. 08-03400B	REV B
SCALE NTS	DATE 03/28/19	SHEET 13 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

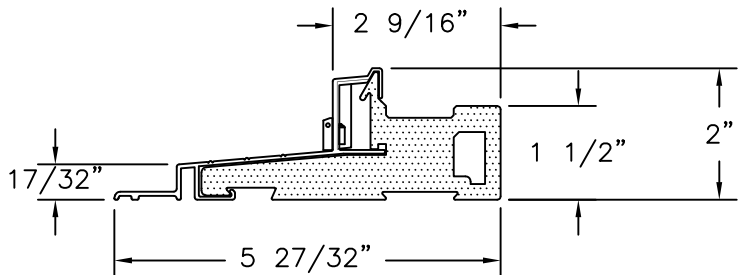
SIGNED: 07/13/2026



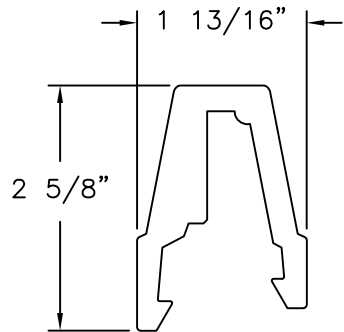
Luis R. Lomas P.E.
FL No.: 62514



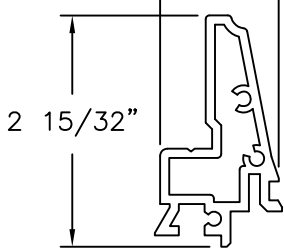
HEAD FRAME & JAMB
FOAM PVC CO-EX



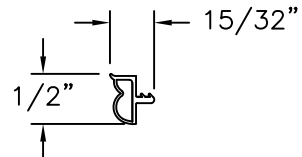
INSWING DOOR SILL DETAIL



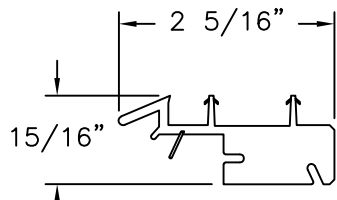
MULLION COVER (B)
FOAM PVC



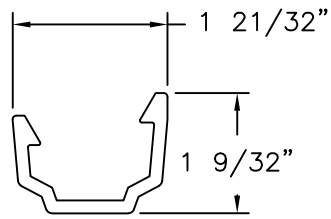
REINFORCEMENT (B)
ALUMINUM



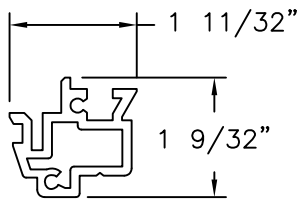
WEATHER STRIP (C)
EPDM



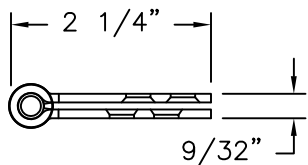
DOOR BOTTOM
FOAM & RIGID PVC



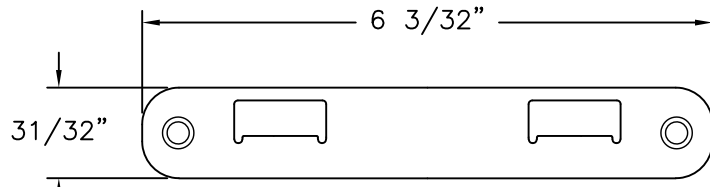
T-ASTRAGAL (A)
RIGID PVC



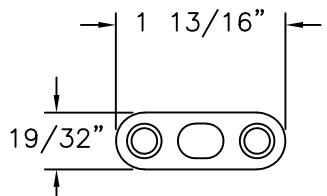
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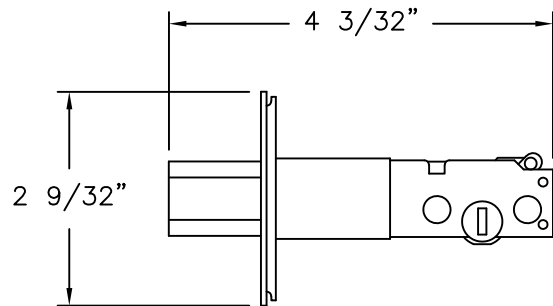
4" X 4" DOOR HINGE
STEEL



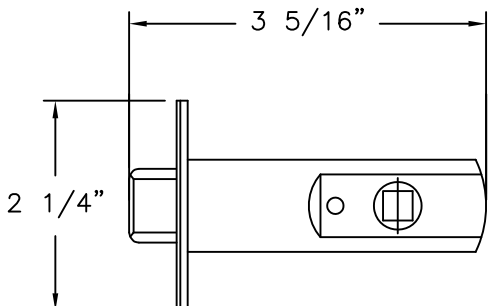
TOP/BOTTOM BAR KEEPER
STAINLESS STEEL BY JAM YUAN ENTERPRISES CO., LTD.



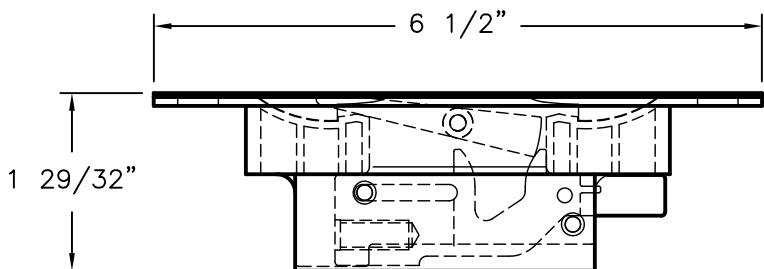
DRIVE BAR PLATE
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD.



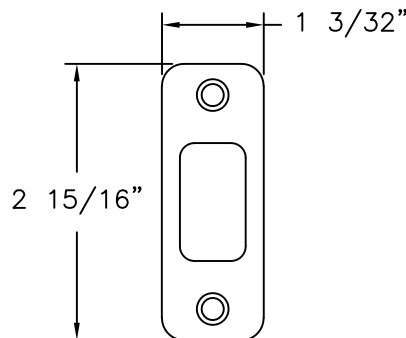
DOOR DEADBOLT
STEEL (SS92Y
BY JAM YUAN ENTERPRISES CO.,LTD)



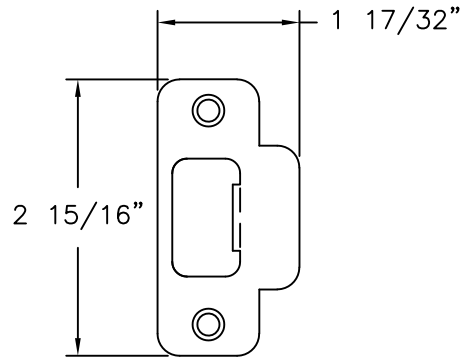
DOOR LATCH
STEEL (SS92Y
BY JAM YUAN ENTERPRISES CO.,LTD)



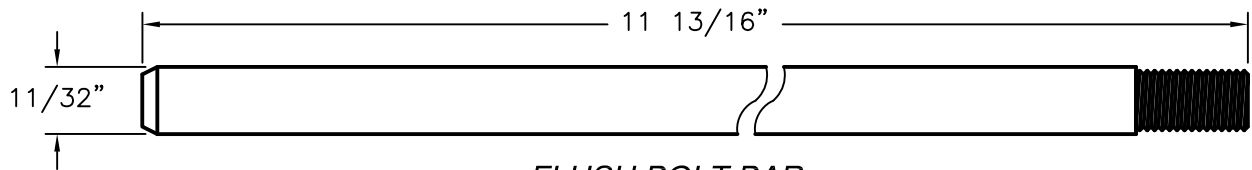
FLUSH BOLT MECHANISM
DIE CAST, STEEL, POM (SS93X
BY JAM YUAN ENTERPRISES CO., LTD)



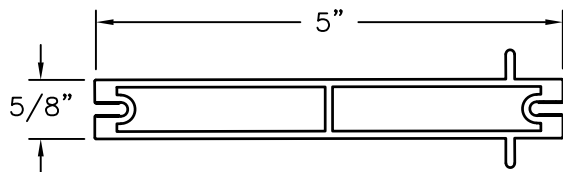
DEADBOLT KEEPER
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD



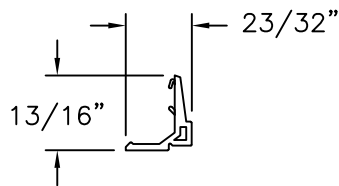
LATCH KEEPER
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD



FLUSH BOLT BAR
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD



ALUMINUM MULLION
ALUMINUM



GLAZING BEAD
PVC

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED MANUFACTURER ADDRESS	07/13/2026	R.L.

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

IN-SWING ENTRANCE DOOR W/SIDELITES
FIBERGLASS NON-IMPACT GLAZED
COMPONENTS

DRAWN:
A.R.

DWG NO.
08-03400B

REV
B

SCALE
NTS

DATE
03/28/19

SHEET
14 OF 14

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

SIGNED: 07/13/2026

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