

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD GLAZING DETAILS	06/02/2025	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" 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. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION 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: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300 WITH SAFETY GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

14. 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.
15. 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 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
16. 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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 f'm=2,000PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA (.058") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .058" THICK MINIMUM
19. APPROVED CONFIGURATIONS: X, XX, XXX.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3	GLAZING DETAILS
4 - 6	INSTALLATION DETAILS
7	HARDWARE COMPONENTS

NAN YA PLASTICS CORPORATION USA

8989 NORTH LOOP EAST, SUITE 800

HOUSTON, TX 77029

SERIES JBL FIBERGLASS OUT-SWING

FOLDING DOOR - NON-IMPACT

NOTES

DRAWN: N.G.

DWG NO. 08-02857

REV A

SCALE NTS

DATE 01/13/16

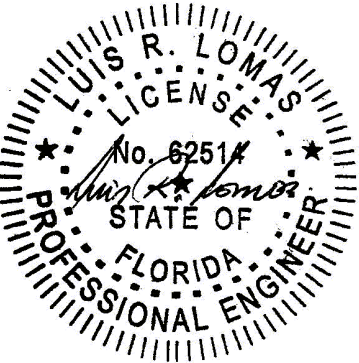
SHEET 1 OF 7

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

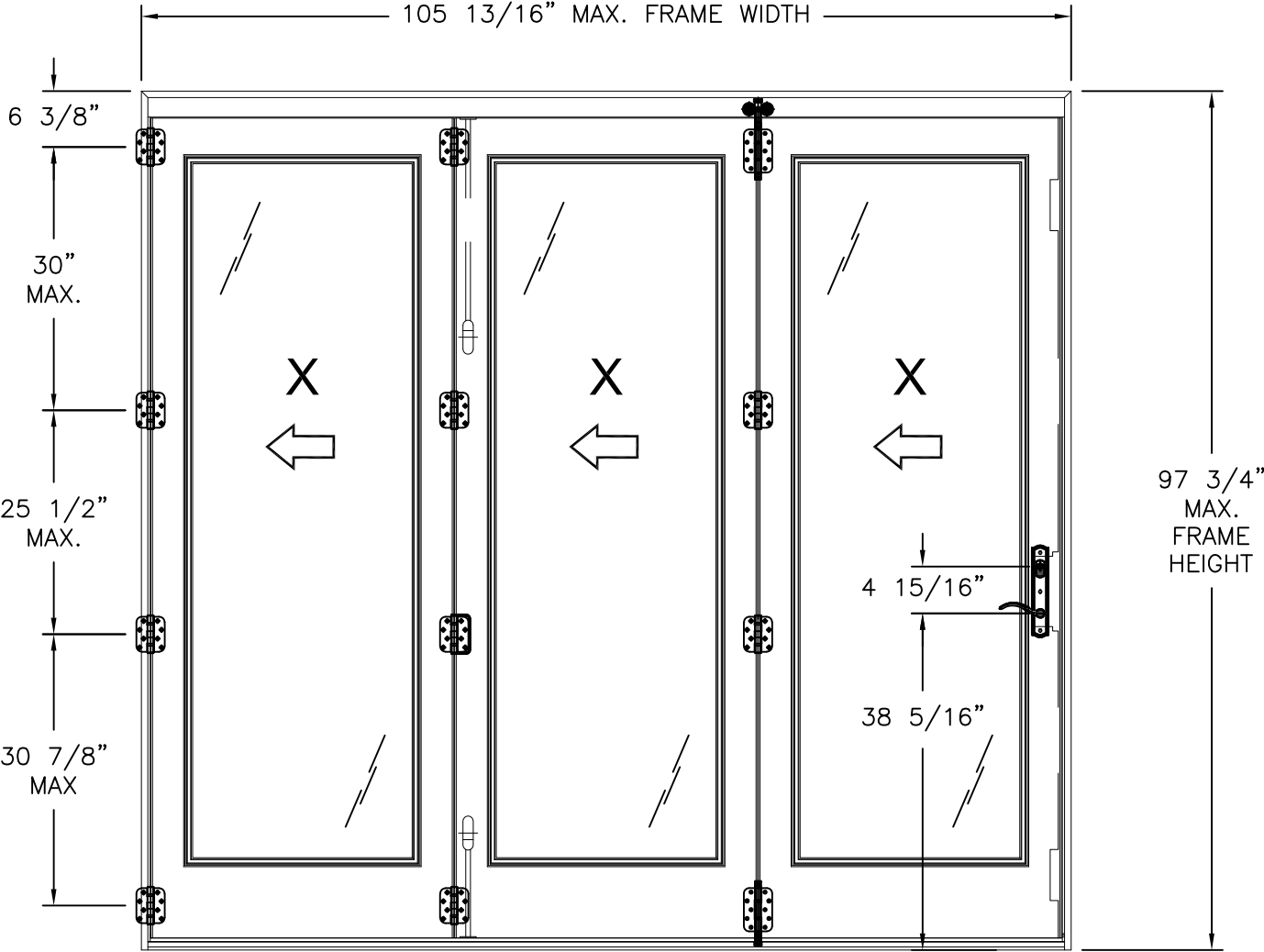
434-688-0609 rllomas@rlomaspe.com

SIGNED: 06/02/2025



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

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SERIES JBL FIBERGLASS OS FOLDING DOOR
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

- NOTES:
1. MAXIMUM PANEL SIZE: 34 1/2" X 93 5/16"
 2. MAXIMUM D.L.O.: 25" X 79"

HARDWARE SCHEDULE	
A.	(4) HINGES 4" PER PANEL
B.	(1) HINGE WITH CARRIER AT HINGE STILE
C.	(1) MULTIPOINT LOCK (SS930093) BY JAM YUAN ENTERPRISES WITH KEEPERS
D.	(1) 12" FLUSH BOLT BAR AT PANEL BOTTOM
F.	(1) 25" FLUSH BOLT BAR AT PANEL TOP

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FOLDING DOOR – NON-IMPACT

ELEVATION

DRAWN:
N.G.

DWG NO.
08-02857

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A

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NTS

DATE
01/13/16

SHEET
2 OF 7

L. ROBERTO LOMAS P.E.

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SIGNED: 06/02/2025

LUIS R. LOMAS

LICENSE

No. 62514

STATE OF

FLORIDA

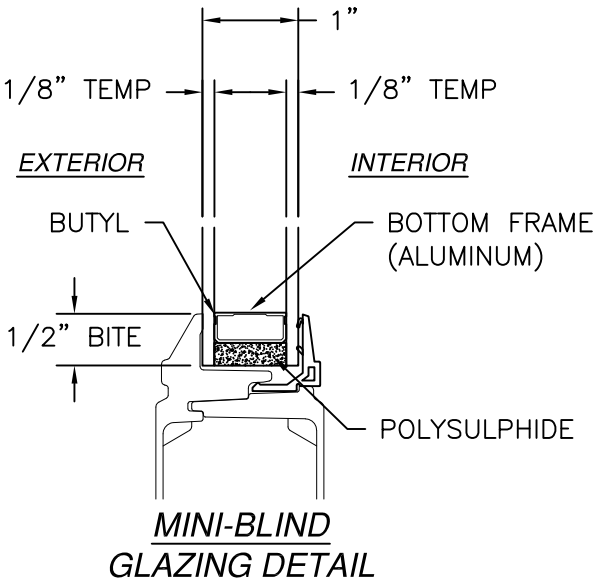
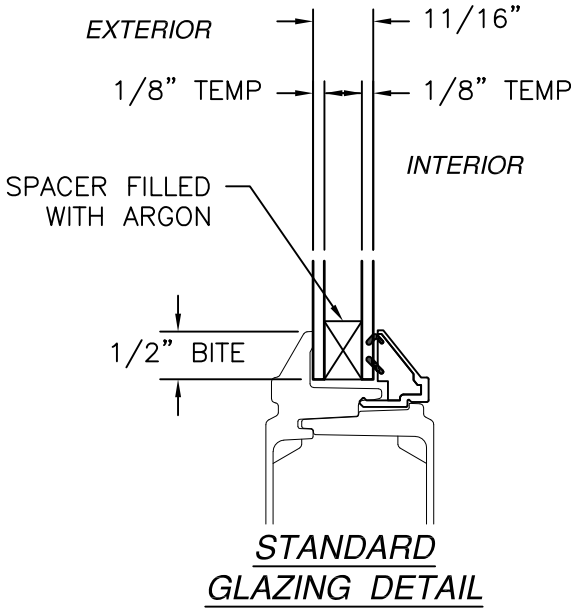
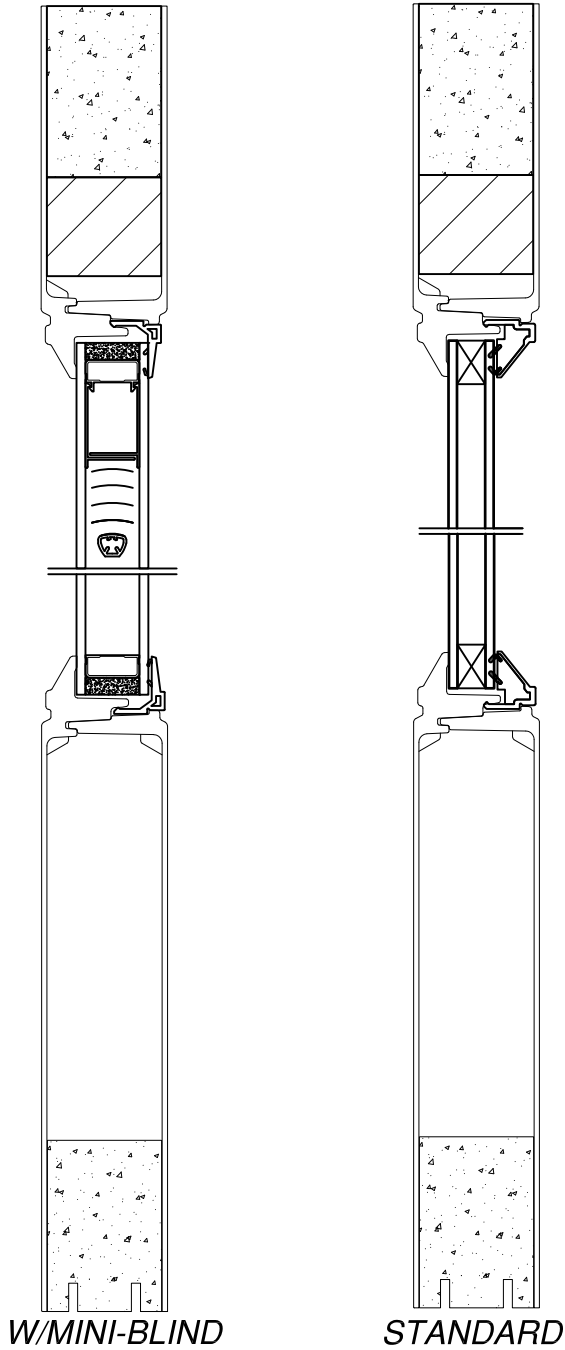
PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514

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APPROVED PANEL CONFIGURATIONS



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FOLDING DOOR – NON-IMPACT

GLAZING DETAILS

DRAWN: N.G.

DWG NO. 08-02857

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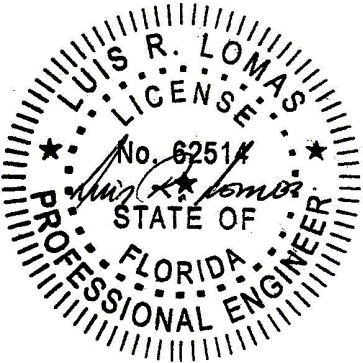
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SHEET 3 OF 7

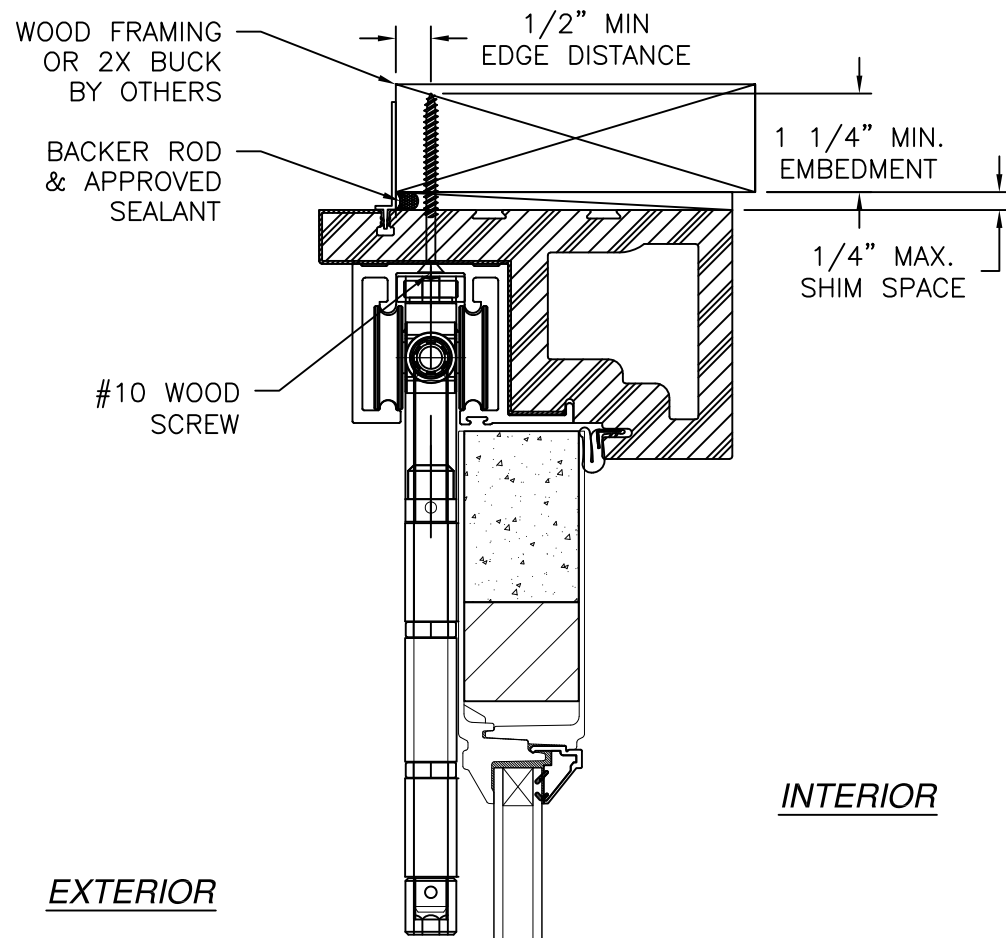
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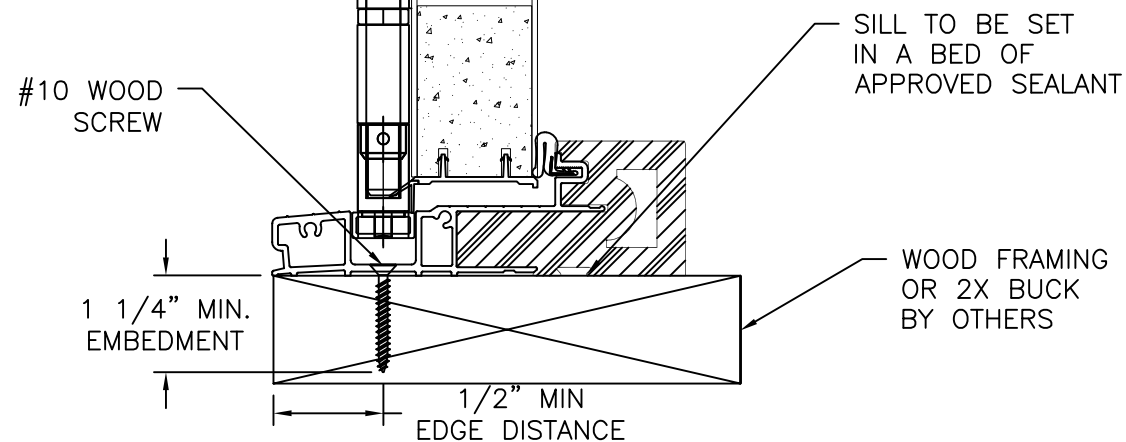


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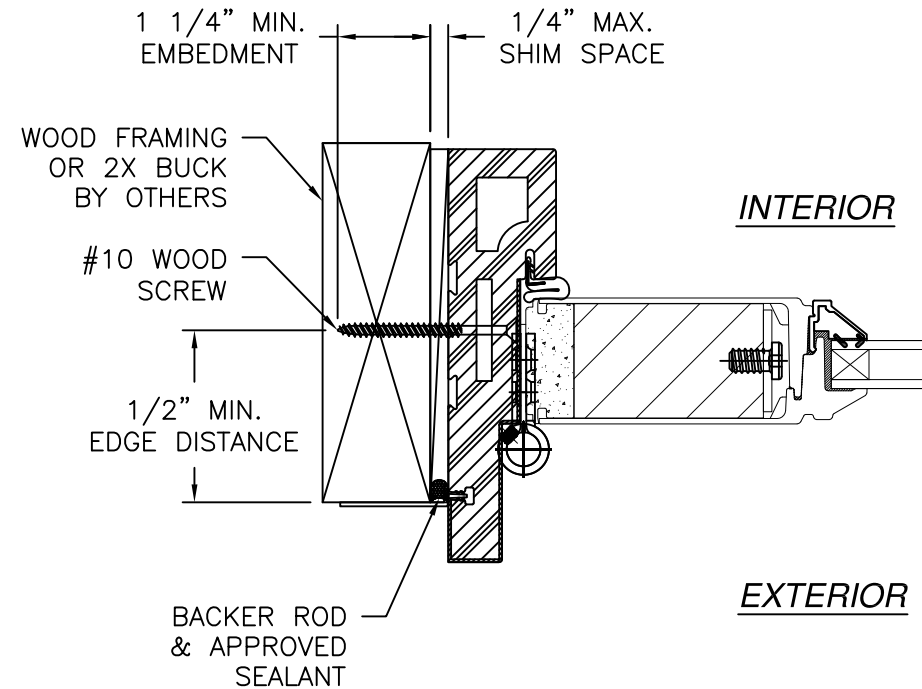


INTERIOR

EXTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

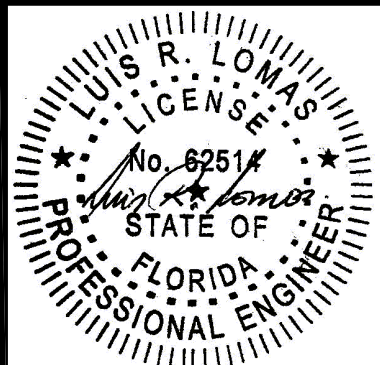
NOTES:

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

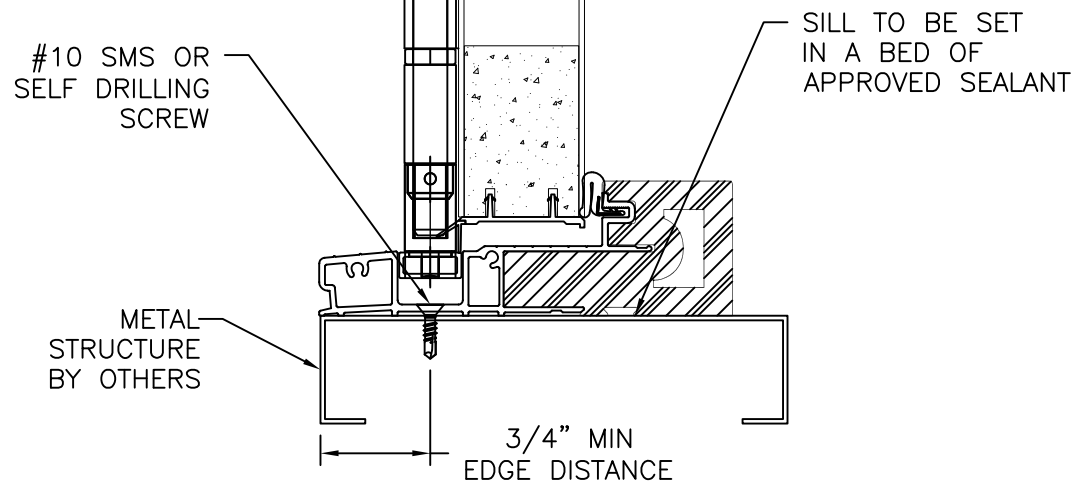
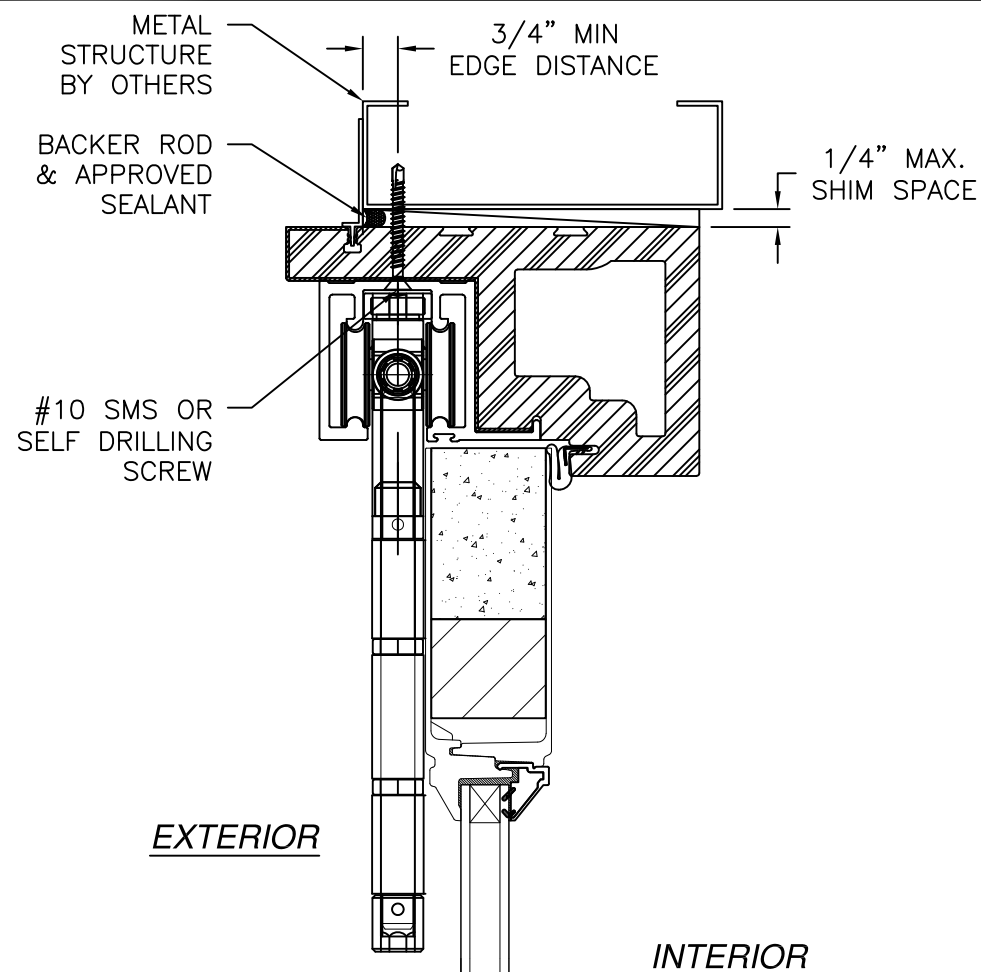
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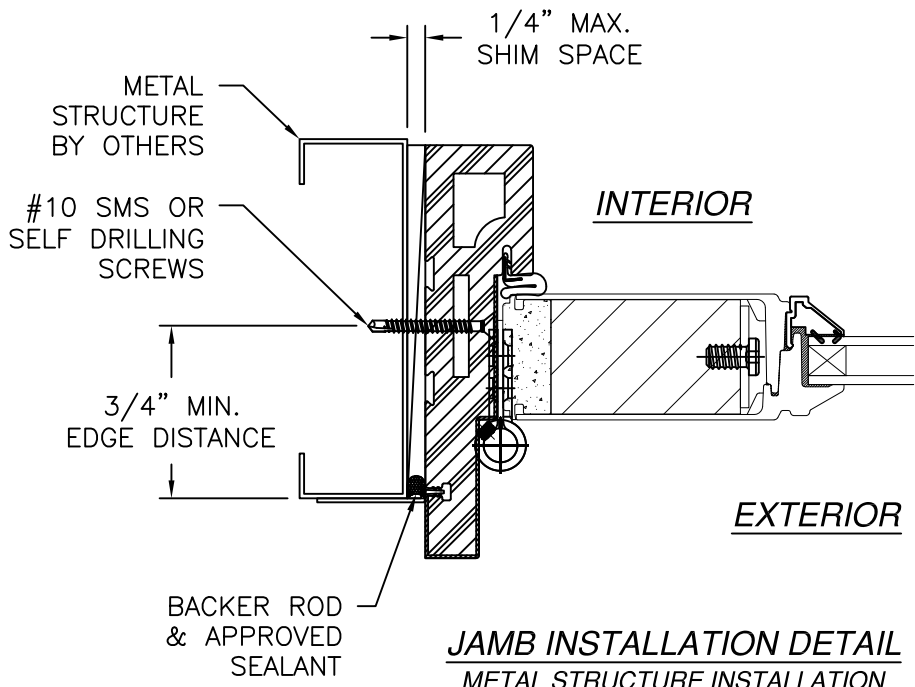
NAN YA PLASTICS CORPORATION USA 8989 NORTH LOOP EAST, SUITE 800 HOUSTON, TX 77029		
SERIES JBL FIBERGLASS OUT-SWING FOLDING DOOR – NON-IMPACT INSTALLATION DETAILS		
DRAWN: N.G.	DWG NO. 08-02857	REV A
SCALE NTS	DATE 01/13/16	SHEET 4 OF 7
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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8989 NORTH LOOP EAST, SUITE 800
HOUSTON, TX 77029

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FOLDING DOOR – NON-IMPACT
INSTALLATION DETAILS

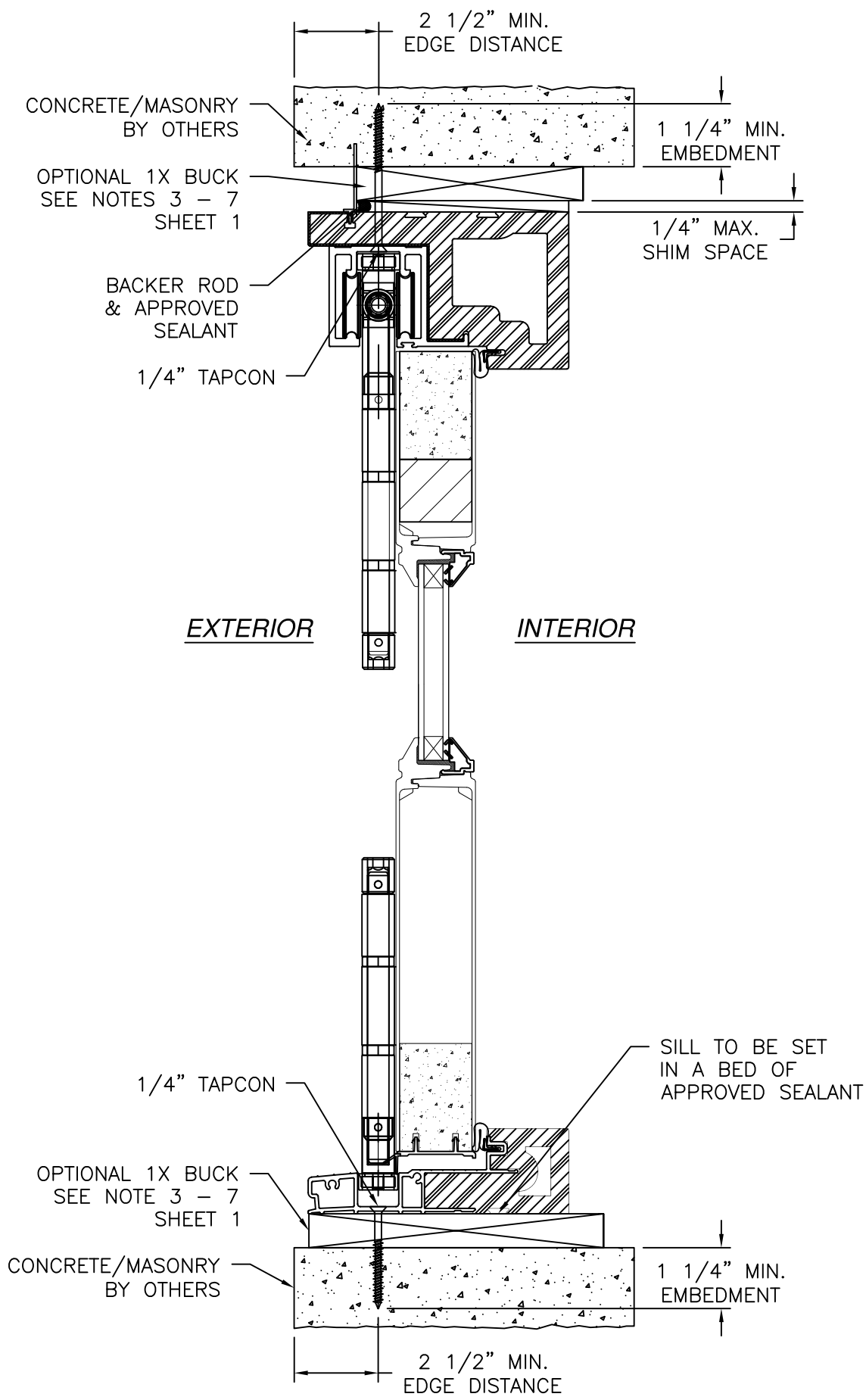
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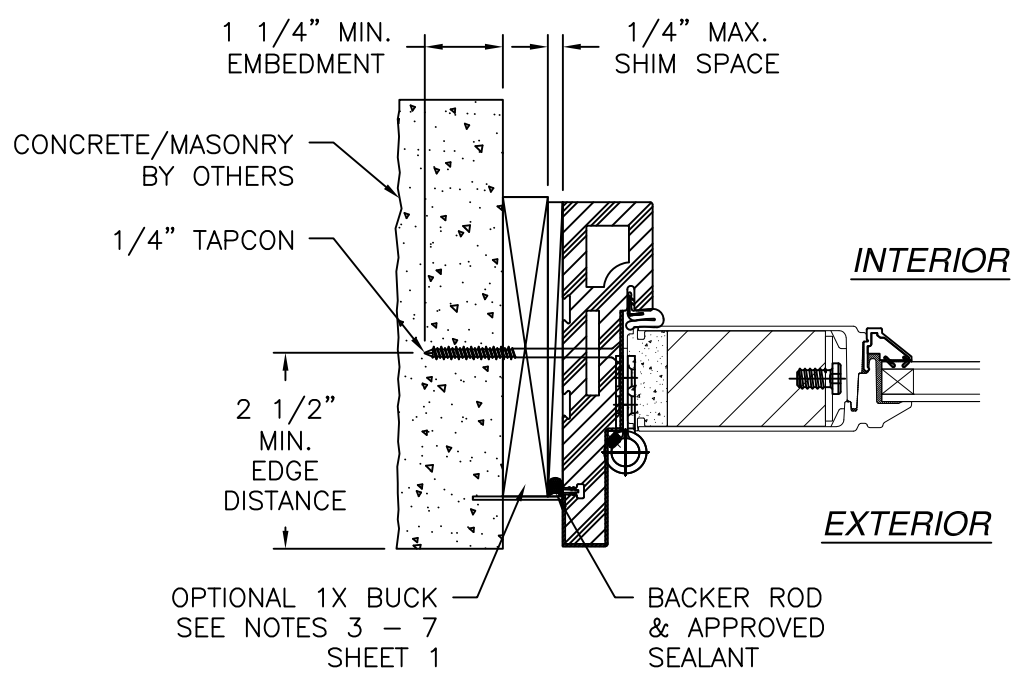
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

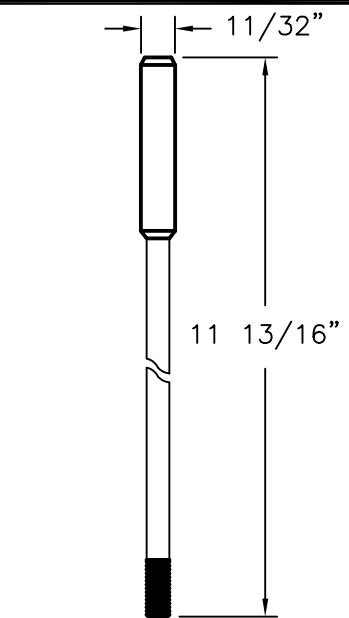
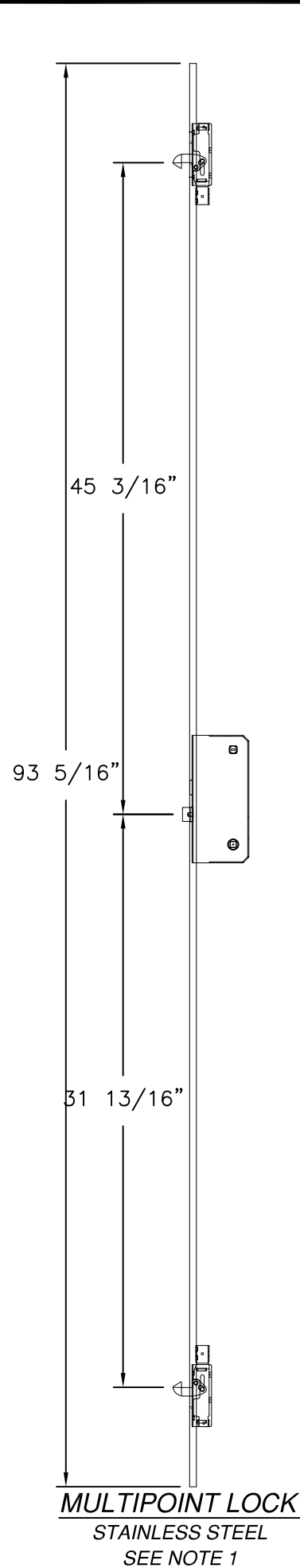
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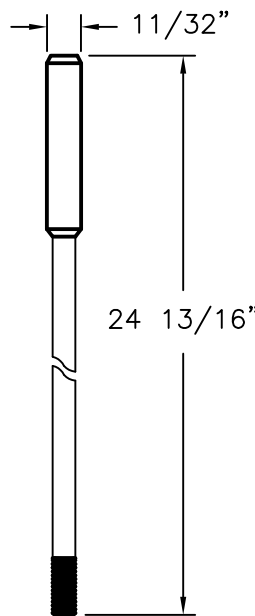
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

Professional Engineer Seal for Luis R. Lomas, State of Florida, License No. 62514.

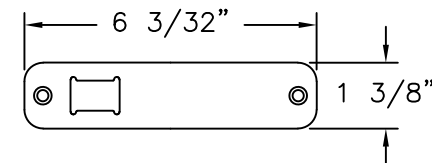
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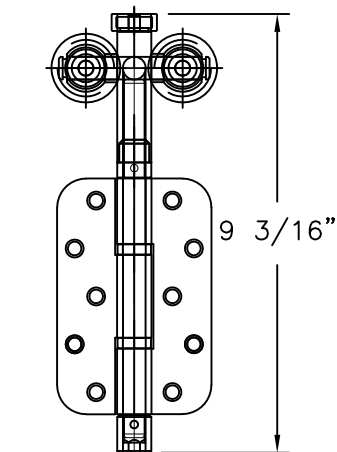
12" FLUSH BOLT BAR
STAINLESS STEEL



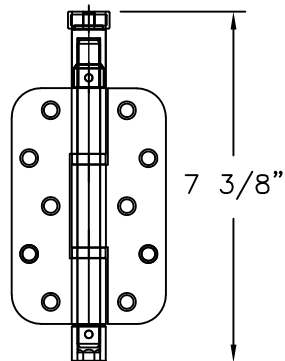
25" FLUSH BOLT BAR
STAINLESS STEEL



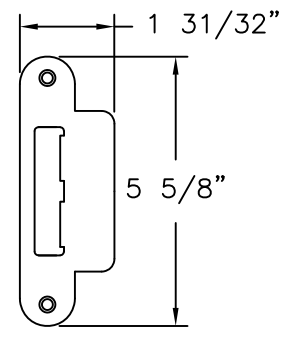
TOP & BOTTOM BAR
KEEPER
STAINLESS STEEL
SEE NOTE 7



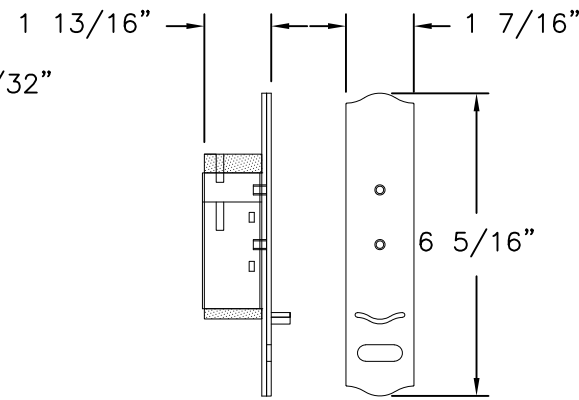
HINGE W/CARRIER
STEEL, POM
SEE NOTE 2



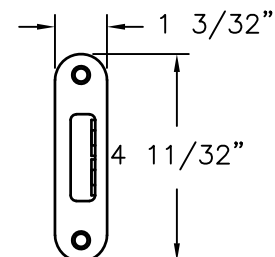
HINGE
STEEL, POM
SEE NOTE 2



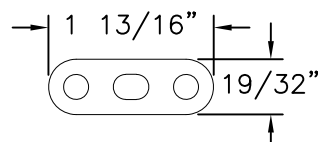
MULTI POINT LOCK
KEEPER
STAINLESS STEEL
SEE NOTE 5



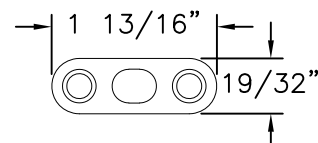
FLUSH BOLT
MECHANISM
DIE CAST STEEL ABS
SEE NOTE 3



HOOK KEEPER
STAINLESS STEEL
SEE NOTE 4



DRIVER BAR
PLATE GASKET
TPE
SEE NOTE 6



DRIVER BAR
PLATE
STAINLESS STEEL
SEE NOTE 6

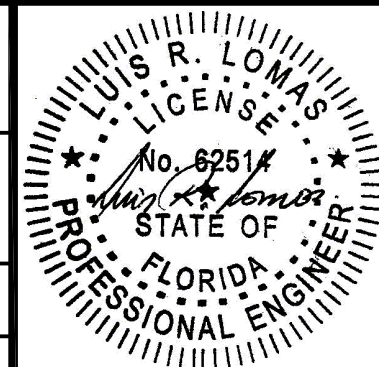
NOTES:

1. INSTALL MULTI-POINT LOCK USING (13) #9 X 1 1/2" WOOD SCREWS.
2. INSTALL HINGES USING (10) #10 X 3/4" WOOD SCREWS.
3. INSTALL FLUSH BOLT MECHANISM USING (4) #9 X 7/8" WOOD SCREWS.
4. INSTALL HOOK KEEPER USING (2) #9 X 7/8" WOOD SCREWS.
5. INSTALL MULTIPOINT LOCK KEEPER USING (2) #9 X 7/8" WOOD SCREWS.
6. INSTALL DRIVER BAR PLATE AND GASKET USING (2) #9 X 7/8" WOOD SCREWS.
7. INSTALL TOP & BOTTOM BAR KEEPER USING (2) #9 X 7/8" WOOD SCREWS.

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