

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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. 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.
4. 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.
5. 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.
6. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. 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".
8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
10. FRAME MATERIAL: MAHOGANY.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 12 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING THROUGH INSTALLATION CLIP AND ANGLE CLIP 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.
14. FOR ANCHORING THROUGH INSTALLATION CLIP AND ANGLE CLIP 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.
15. FOR ANCHORING THROUGH INSTALLATION CLIP 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.
16. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" 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.
17. FOR ANCHORING INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLGIN 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 .048" THICK MINIMUM

SIGNED: 11/27/2023

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REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08-03978

REV
-

SCALE NTS

DATE 11/10/23

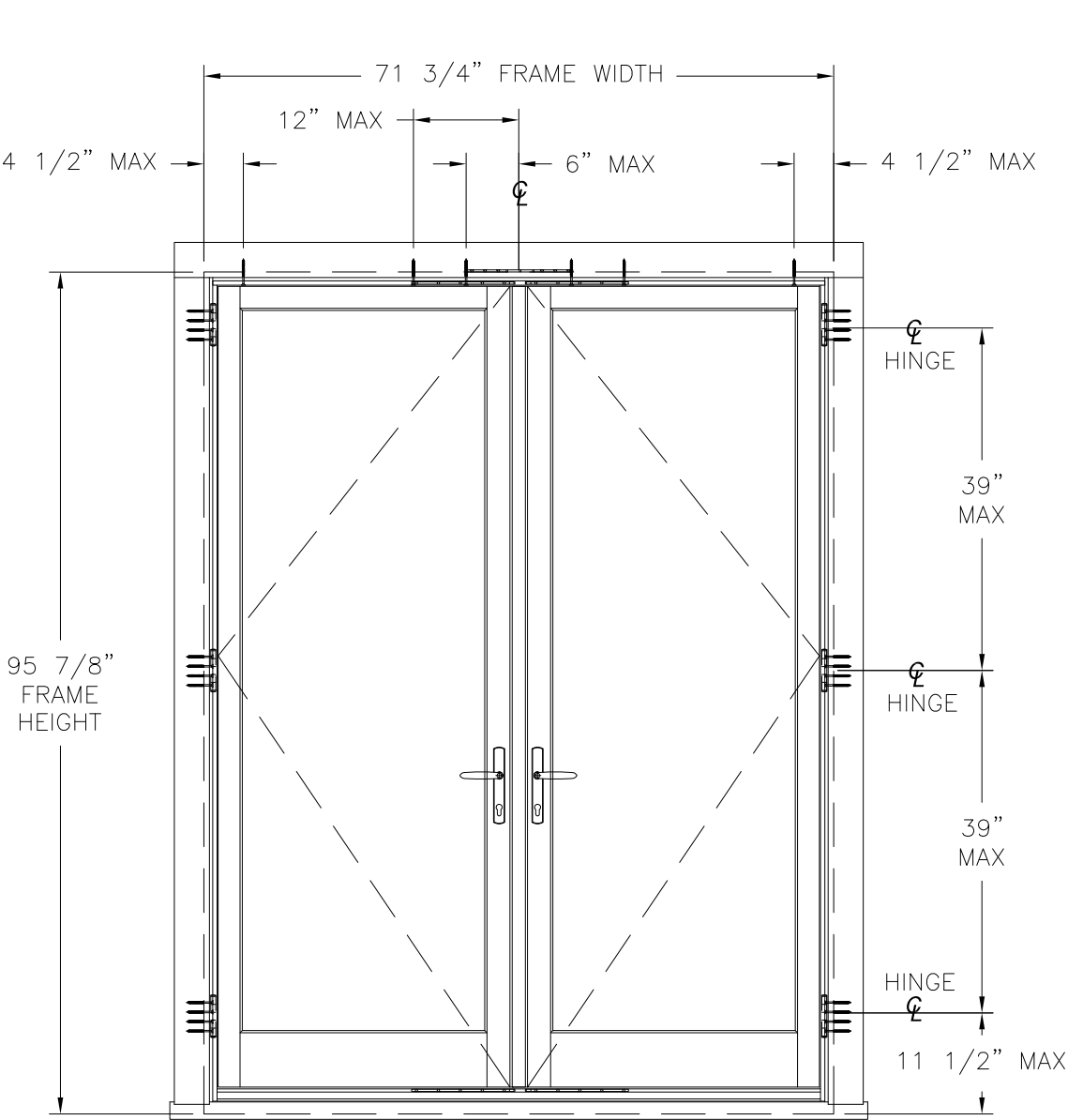
SHEET 1 OF 12

L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@rlomaspe.com

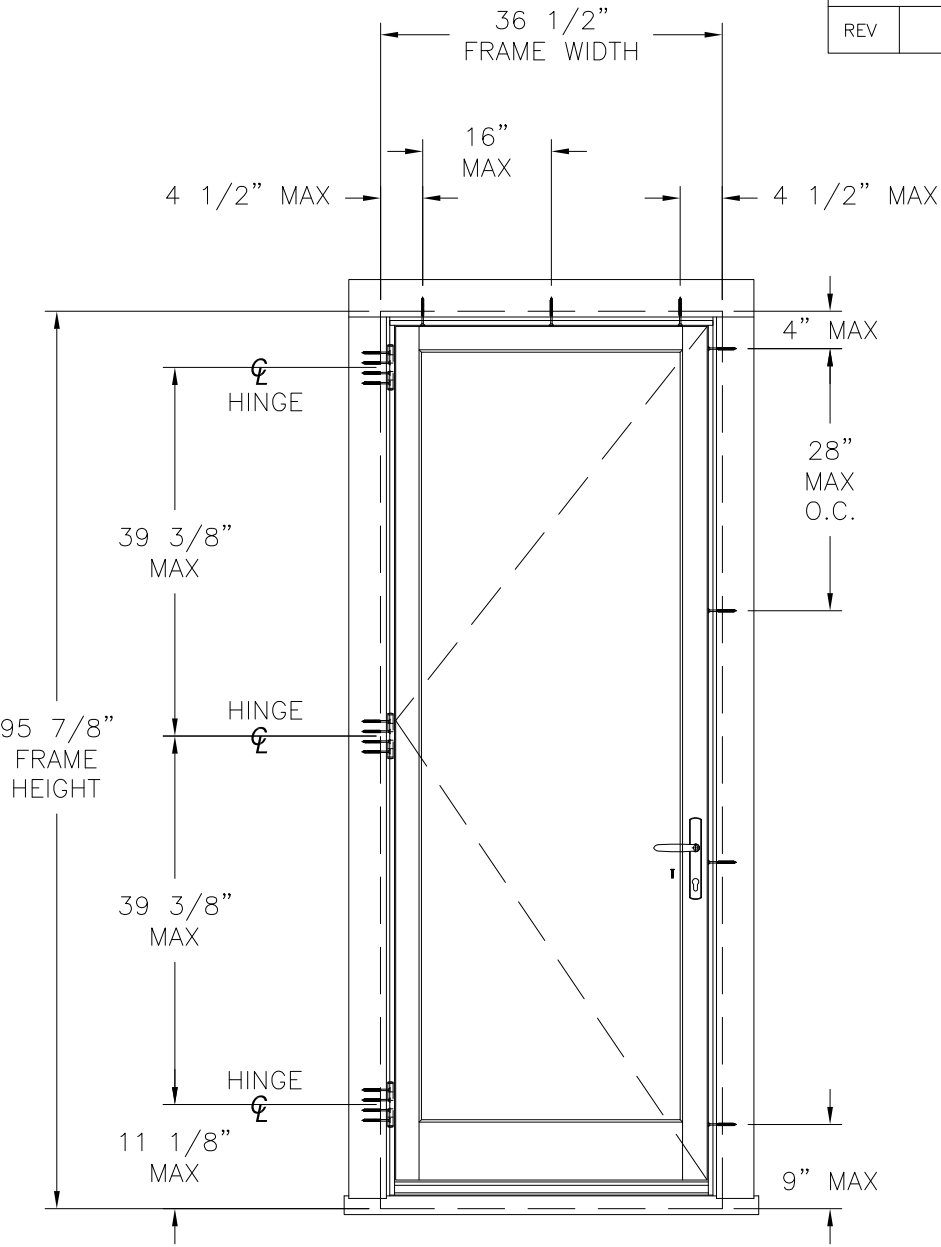
LUIS R. LOMAS
P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



FRENCH IS WOOD DOUBLE DOOR
 EXTERIOR VIEW
 ANCHORS THROUGH HARDWARE & HINGES



FRENCH IS WOOD SINGLE DOOR
 EXTERIOR VIEW
 ANCHORS THROUGH HARDWARE & HINGES

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
 36 1/2" X 95 7/8" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
 FRAME AREA DOES NOT EXCEED 24.3 FT²

- NOTES:
- PANEL SIZE: 34 3/4" x 92 5/8"
 - D.L.O.: 27" x 81 1/2"

HARDWARE SCHEDULE	
A.	(2) OPERATING HANDLE WITH SEPARATE DEAD BOLT, HANDLE 33", DEADBOLT 36 1/2" FROM PANEL BOTTOM
B.	(6) HINGES, THREE PER PANEL 9" AND 48" FROM SILL AND ONE 6" FROM HEAD
C.	(1) MULTI-POINT LOCK SYSTEM WITH FOUR LOCK POINTS, AT HEAD, SILL, 12" FROM SILL, AND 32" FROM HEAD

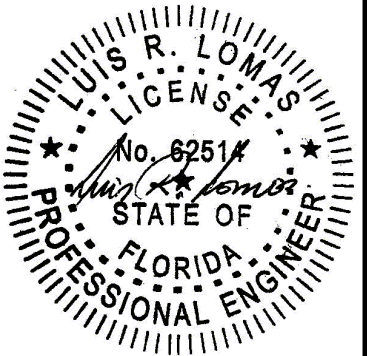
REILLY WINDOWS & DOORS
 901 BURMAN BLVD.
 CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
 IMPACT
 ELEVATIONS

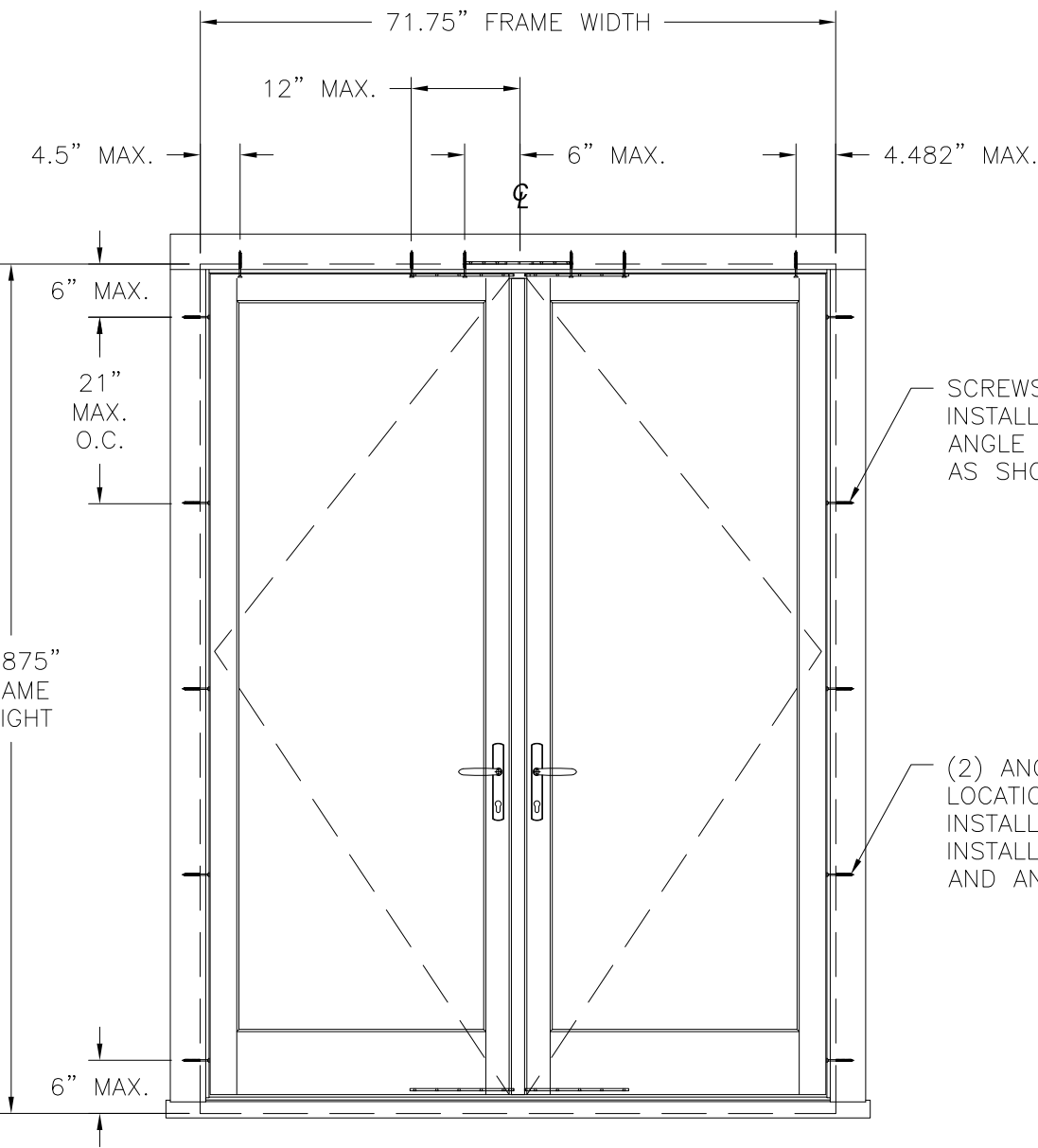
DRAWN: R.L.
 DWG NO. 08-03978
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 DATE 11/10/23
 SHEET 2 OF 12

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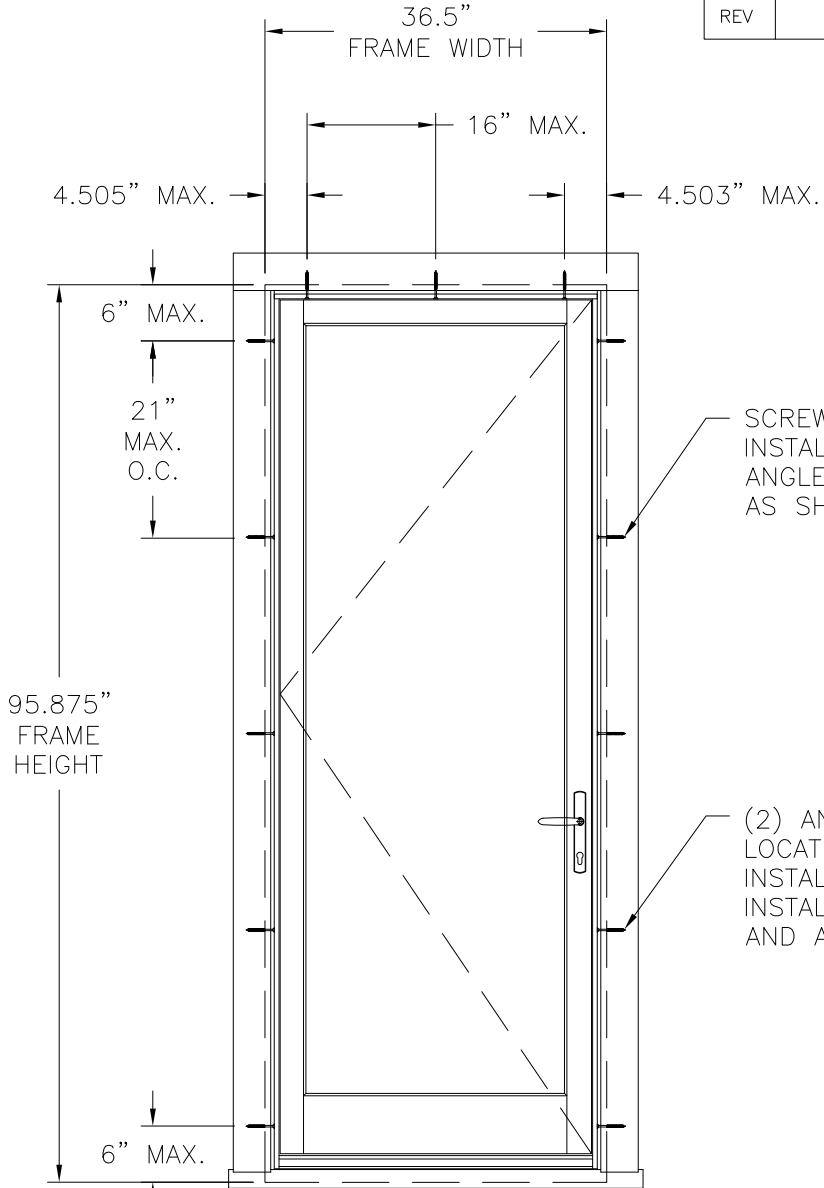
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FRENCH IS WOOD DOUBLE DOOR
EXTERIOR VIEW
ANCHORS THROUGH FRAME



FRENCH IS WOOD SINGLE DOOR
EXTERIOR VIEW
ANCHORS THROUGH FRAME

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
36 1/2" X 95 7/8" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 24.3 FT²

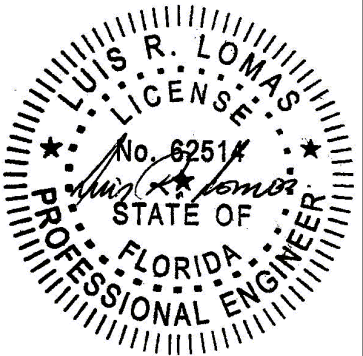
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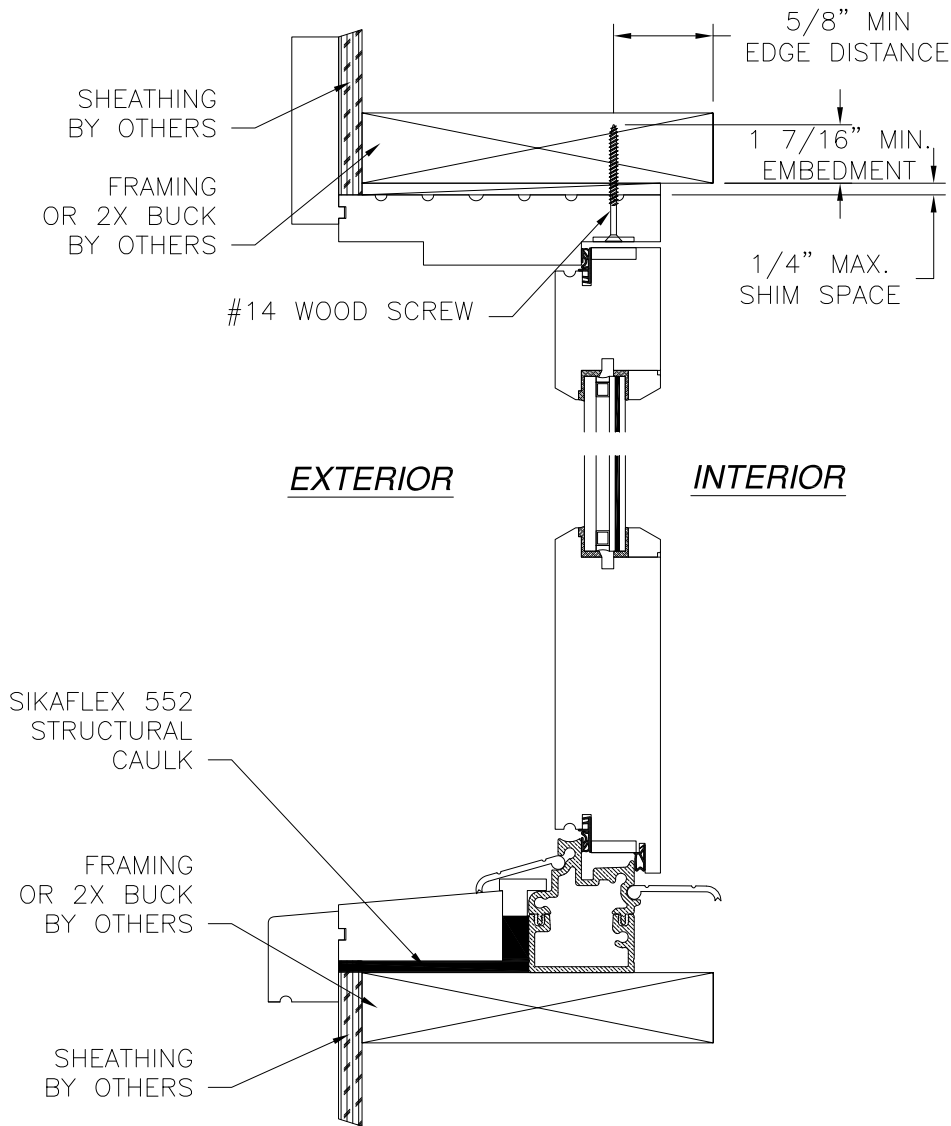
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT ELEVATIONS		
DRAWN: R.L.	DWG NO. 08-03978	REV -
SCALE NTS	DATE 11/10/23	SHEET 3 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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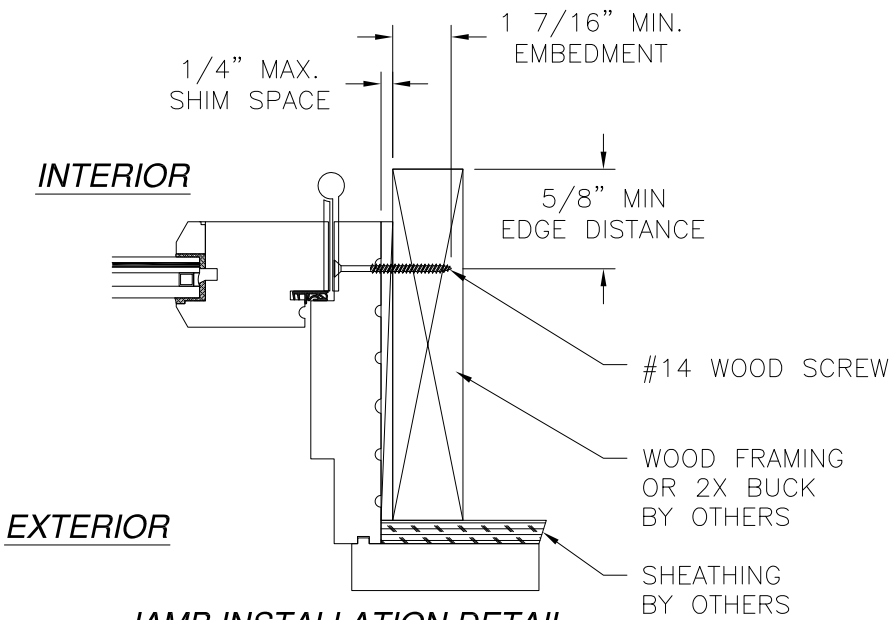


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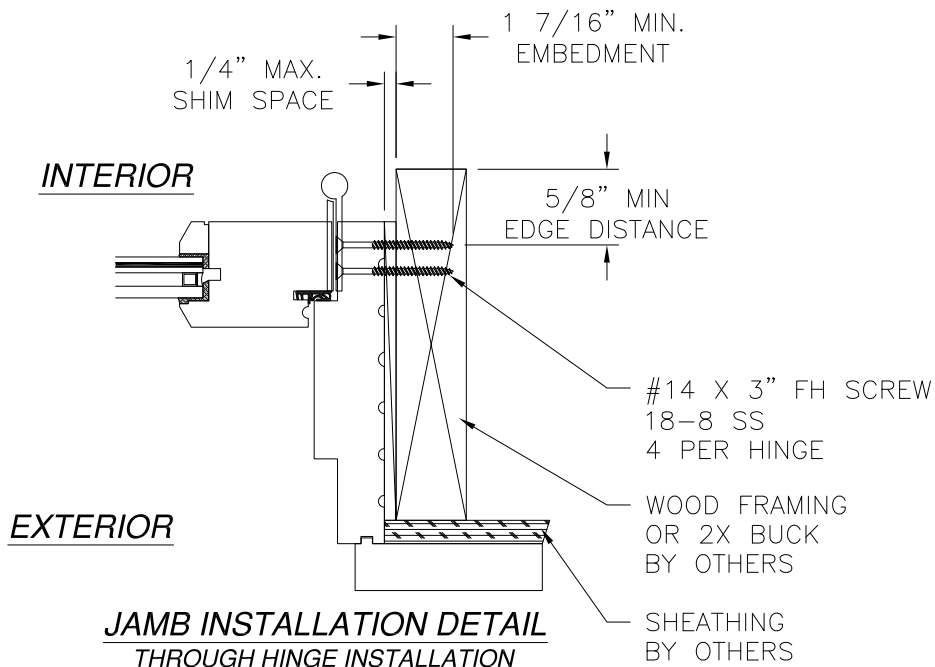
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
THROUGH FRAME INSTALLATION
INTO WOOD FRAMING OR 2X BUCK



JAMB INSTALLATION DETAIL
THROUGH HINGE INSTALLATION
INTO WOOD FRAMING OR 2X BUCK

- 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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REILLY WINDOWS & DOORS
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CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
IMPACT
INSTALLATION DETAILS

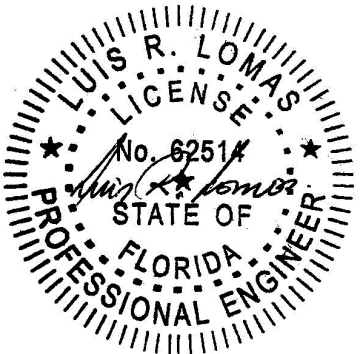
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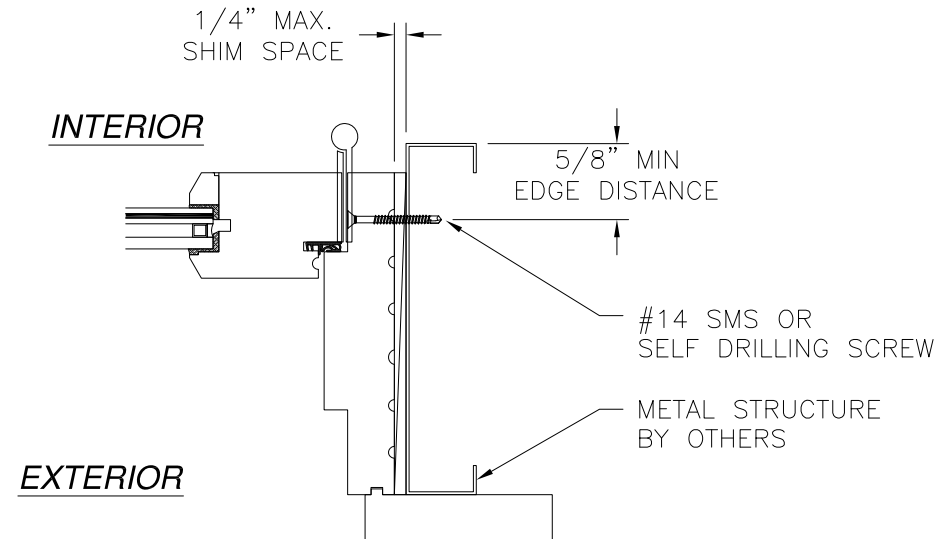
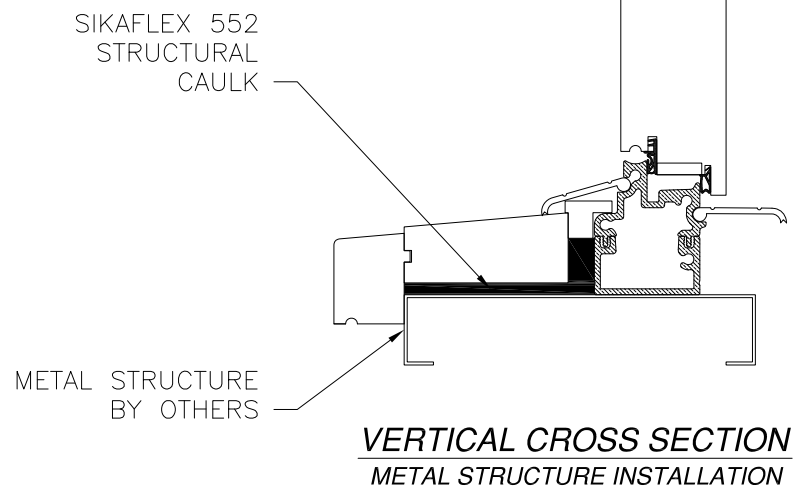
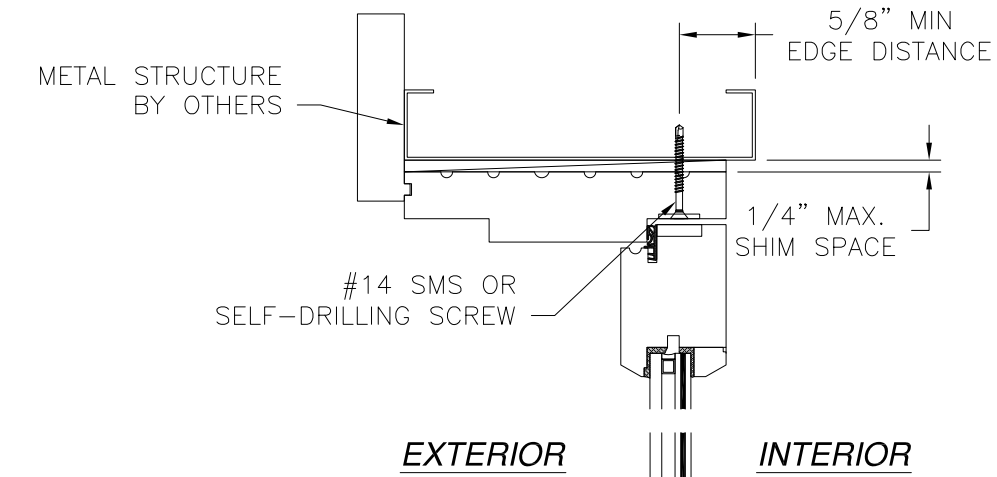
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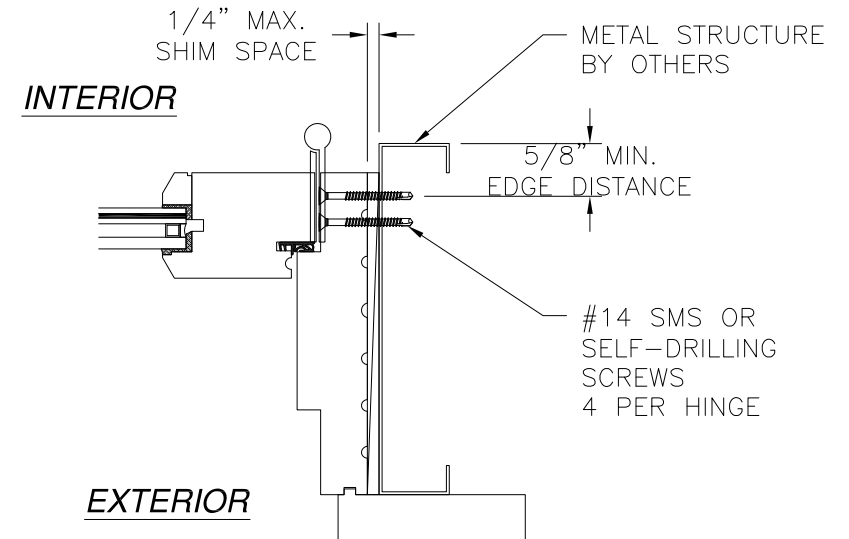


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JAMB INSTALLATION DETAIL
THROUGH FRAME INSTALLATION
INTO METAL STRUCTURE



JAMB INSTALLATION DETAIL
THROUGH HINGE INSTALLATION
INTO METAL STRUCTURE

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REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT

INSTALLATION DETAILS

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SHEET 6 OF 12

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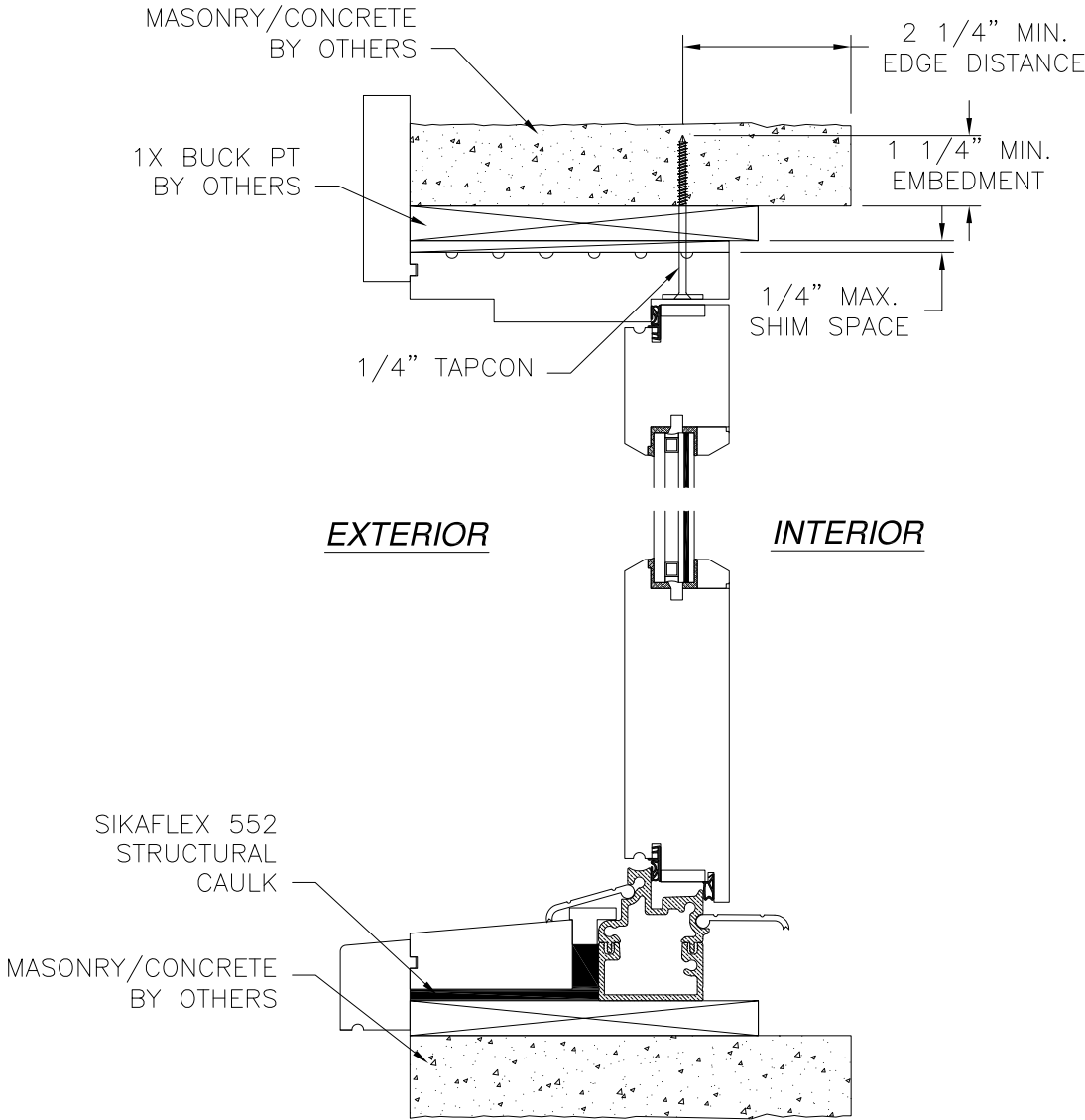
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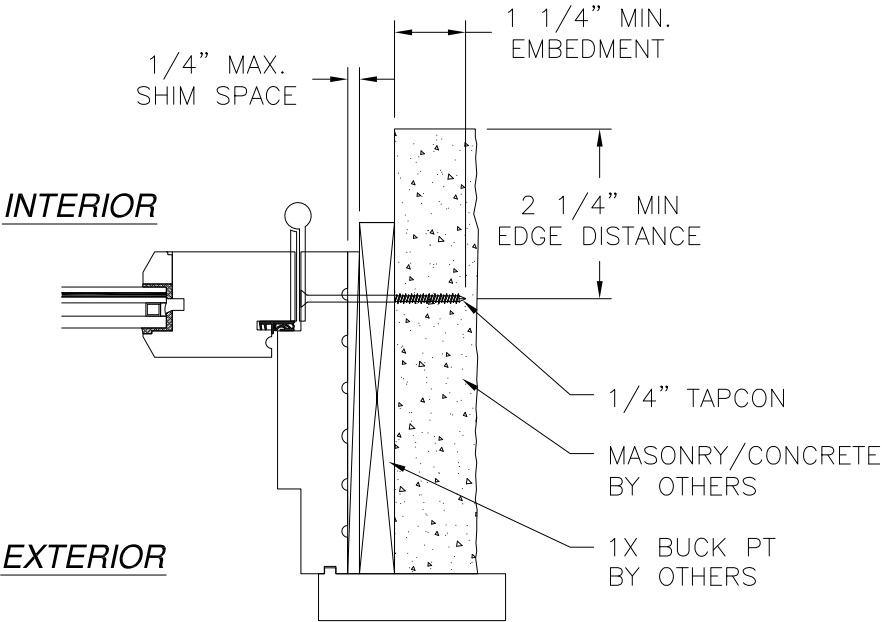
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
THROUGH FRAME INSTALLATION
INTO MASONRY/CONCRETE

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FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
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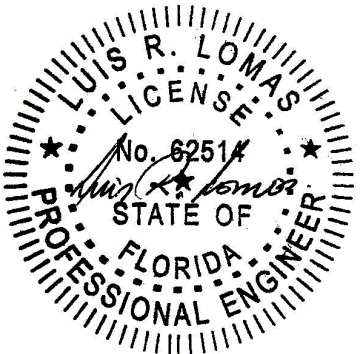
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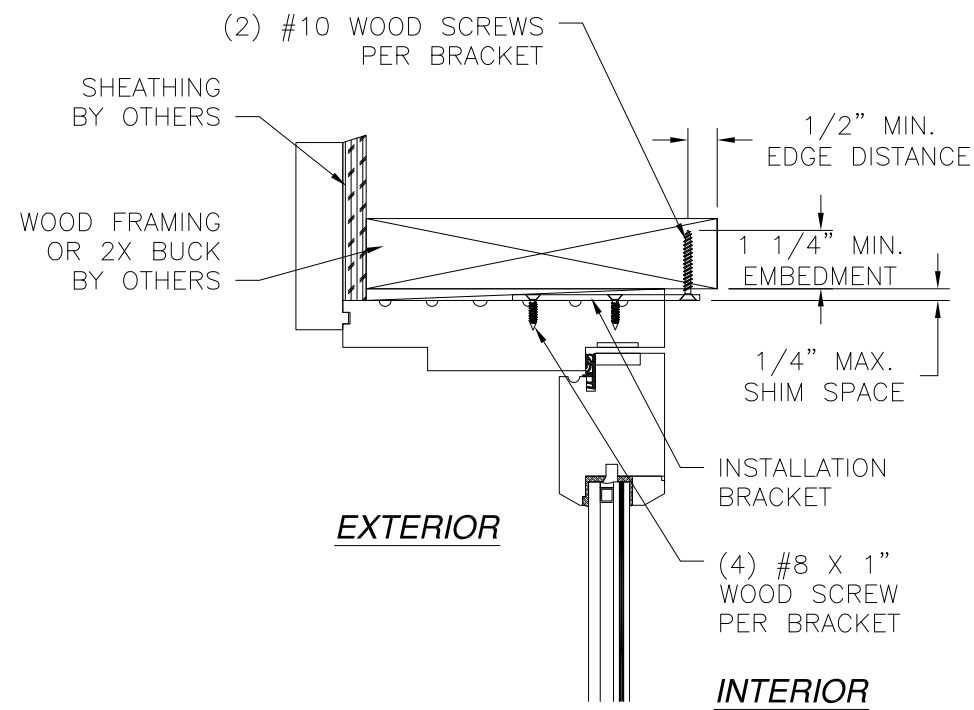
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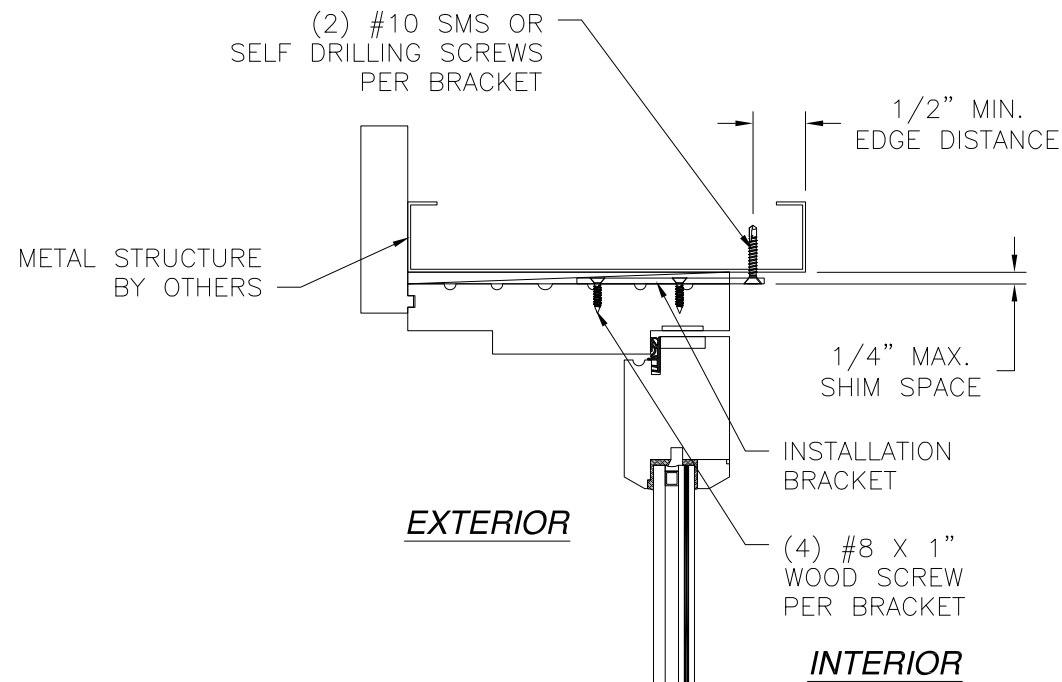


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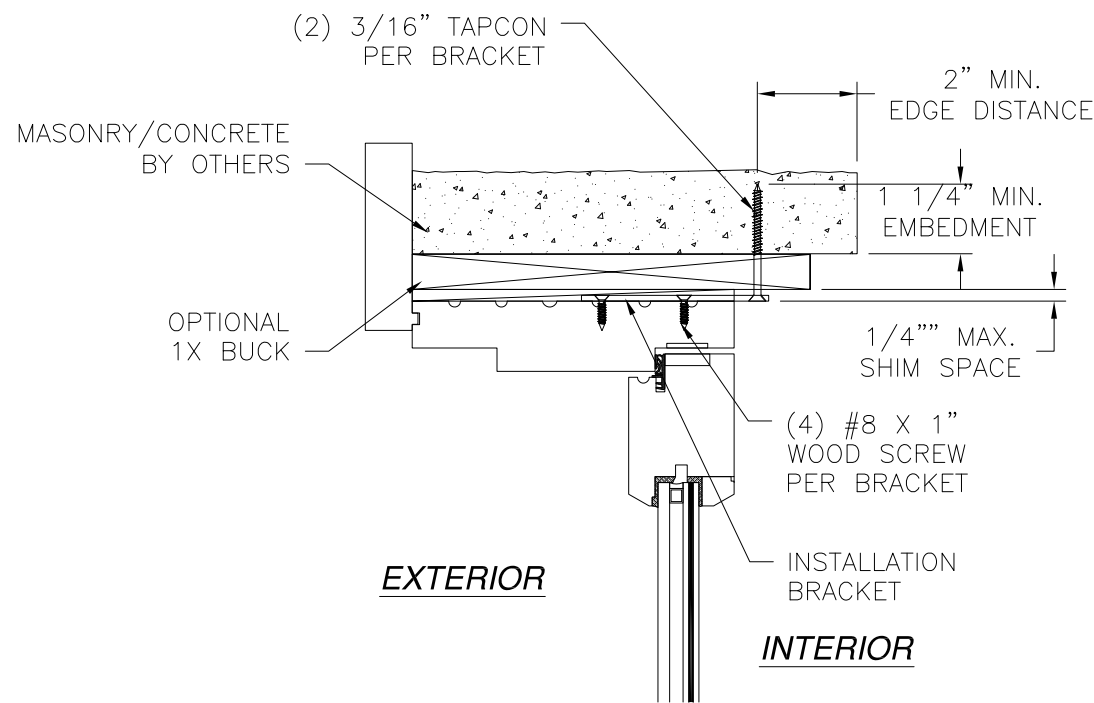
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
IMPACT
INSTALLATION DETAILS W/CLIP

DRAWN:
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DWG NO.
08-03978

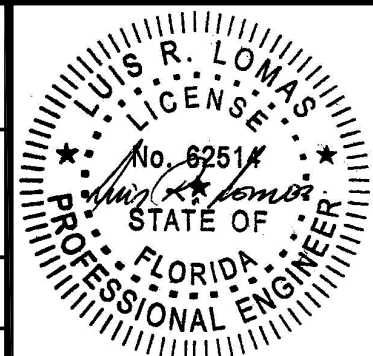
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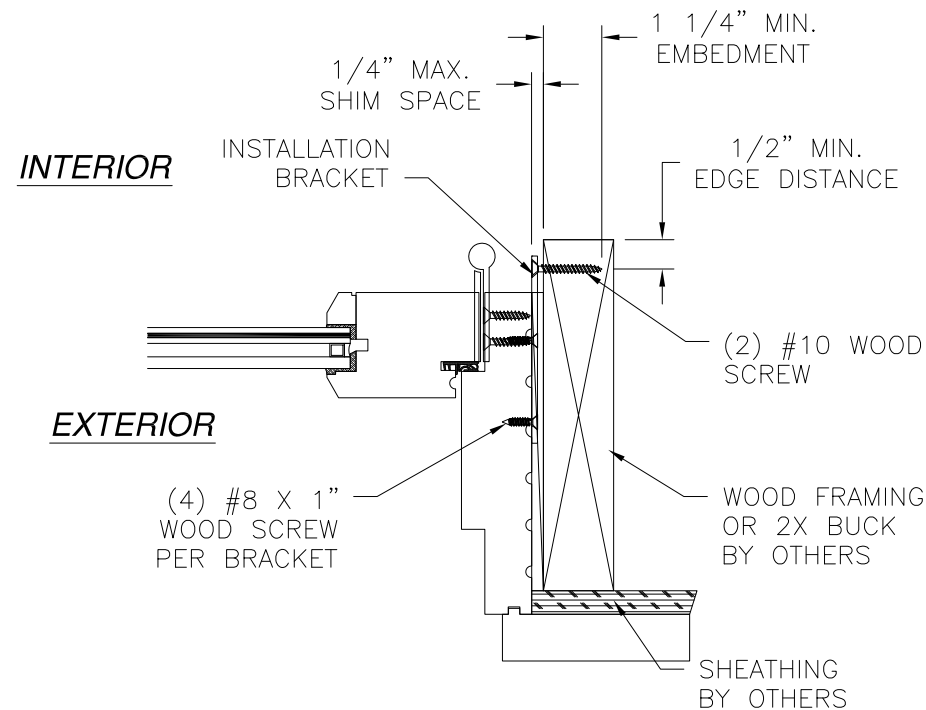
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8 OF 12

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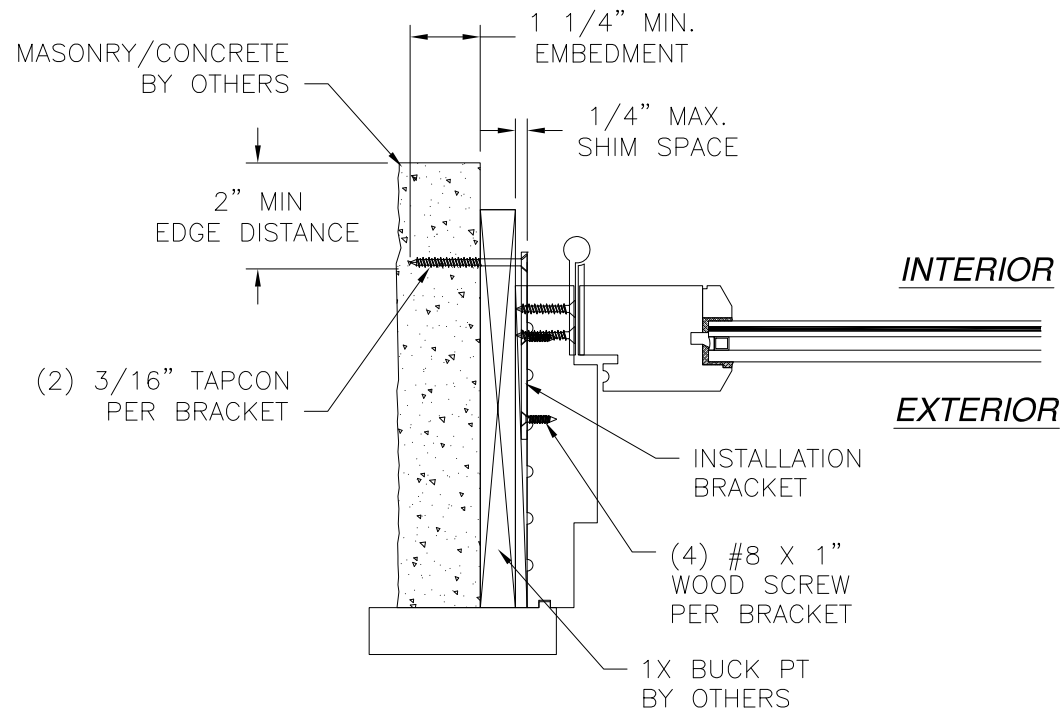


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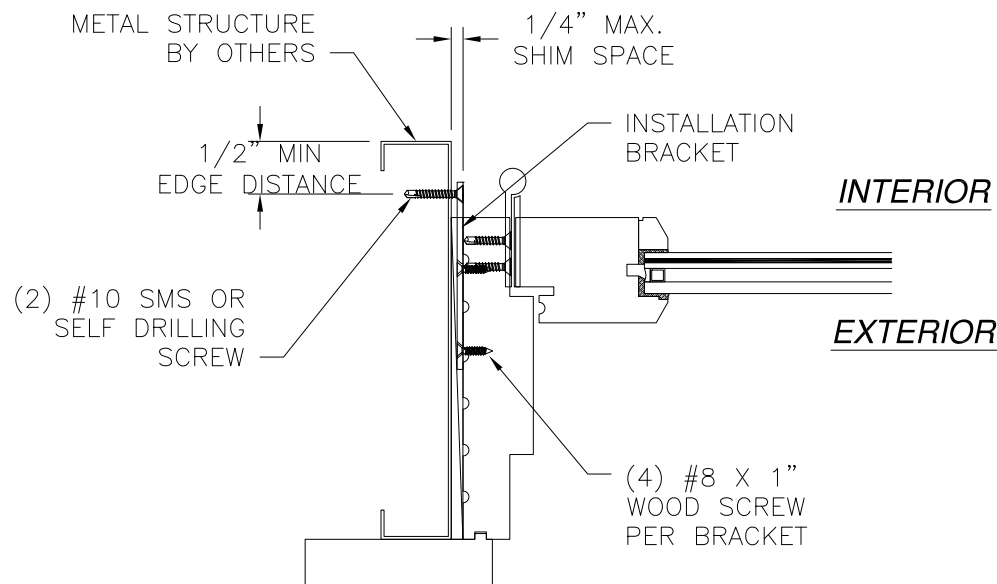
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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

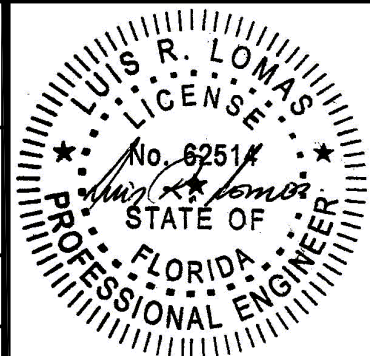


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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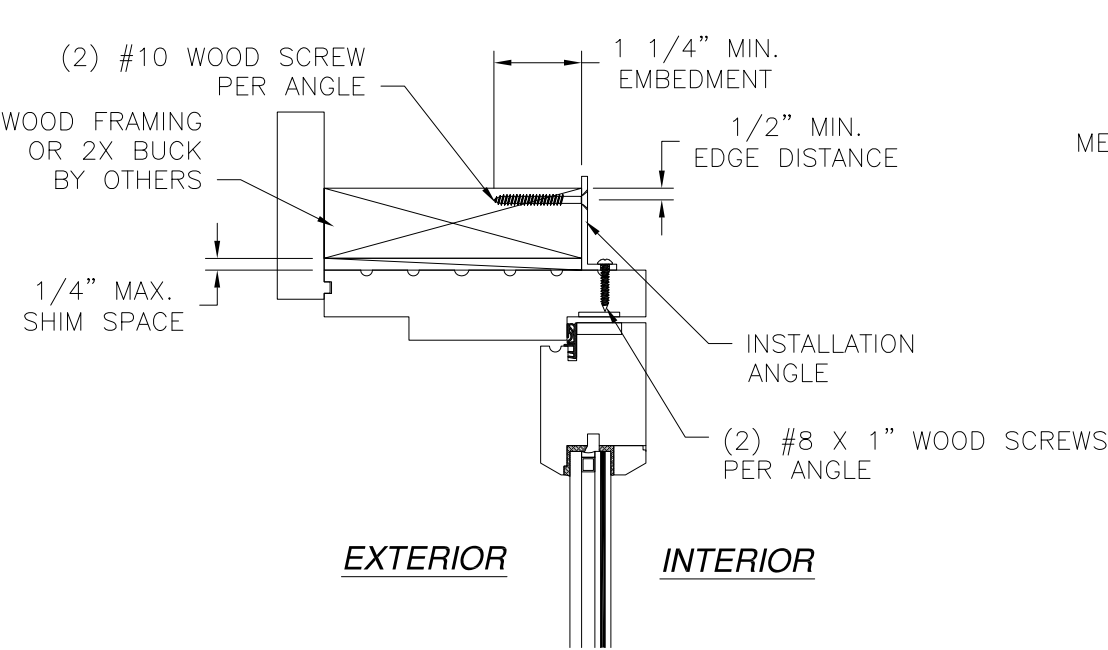
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REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT INSTALLATION DETAILS W/CLIP		
DRAWN: R.L.	DWG NO. 08-03978	REV -
SCALE NTS	DATE 11/10/23	SHEET 9 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

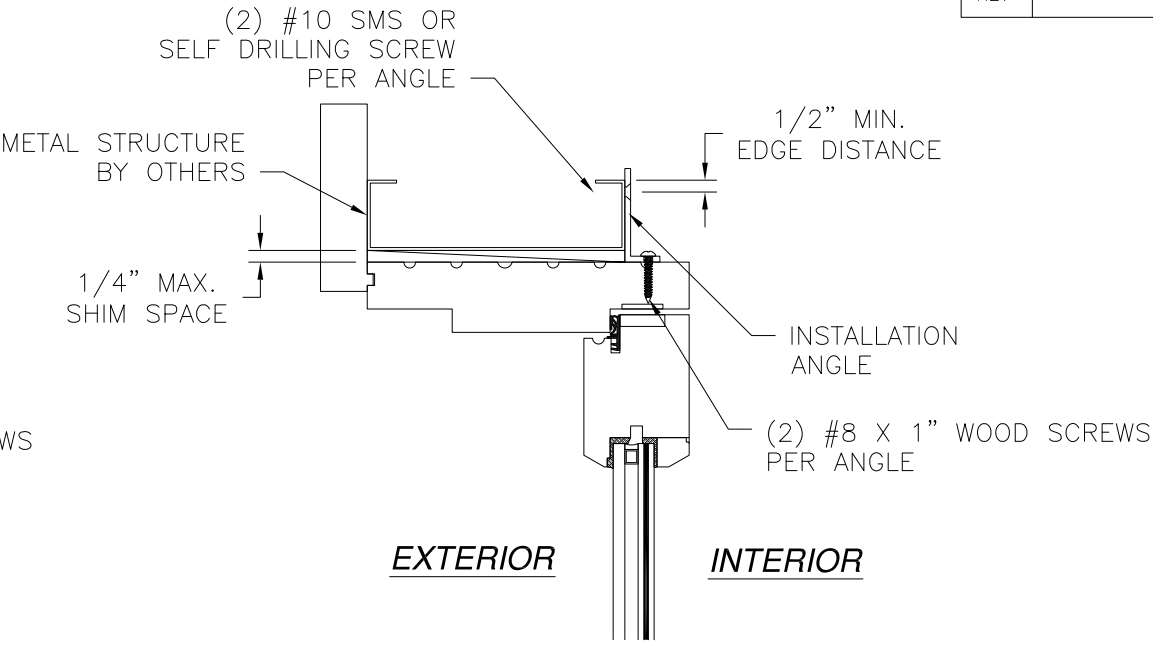


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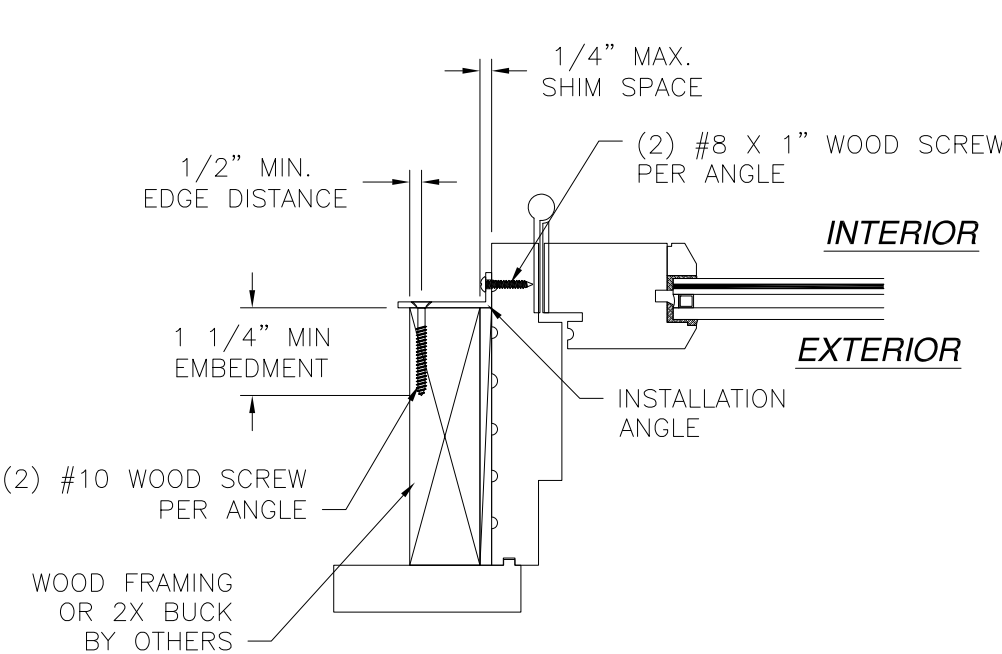
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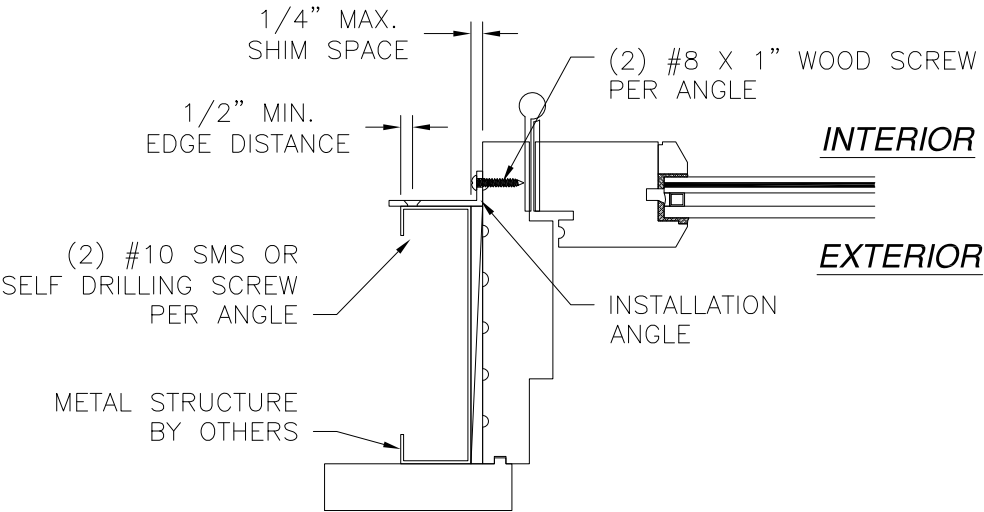
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

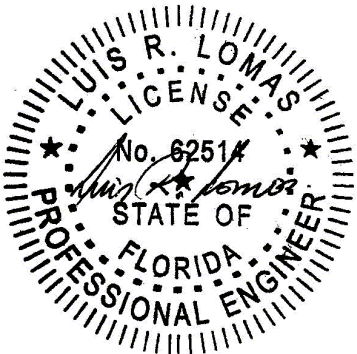


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

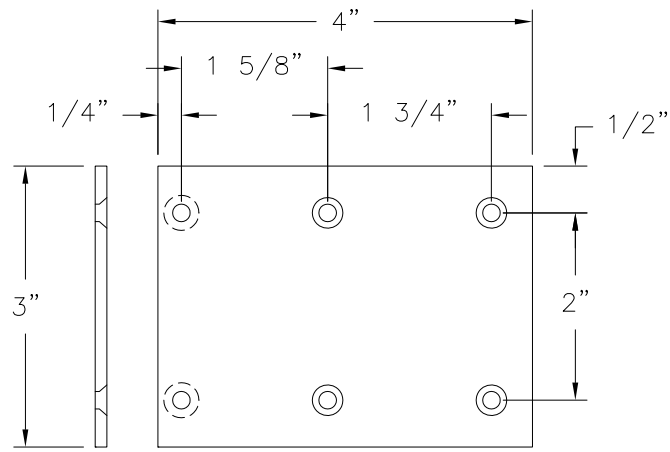
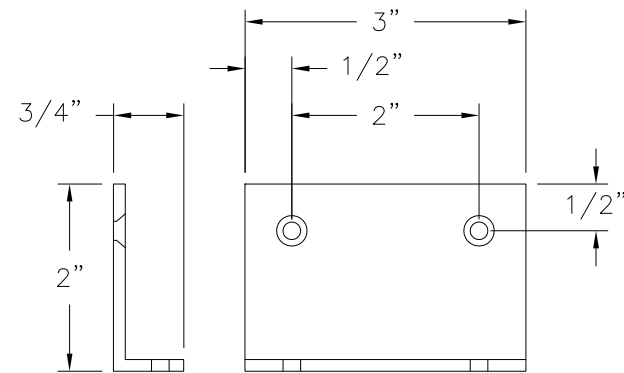
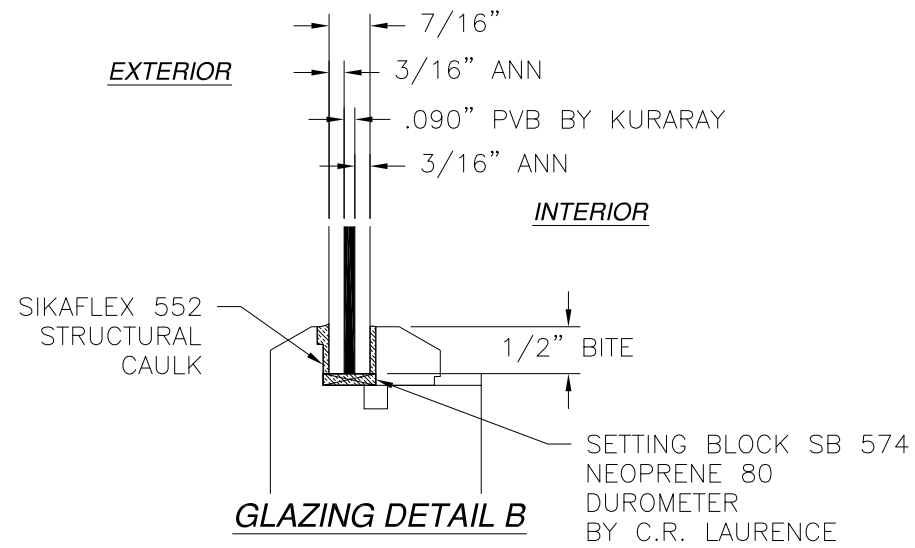
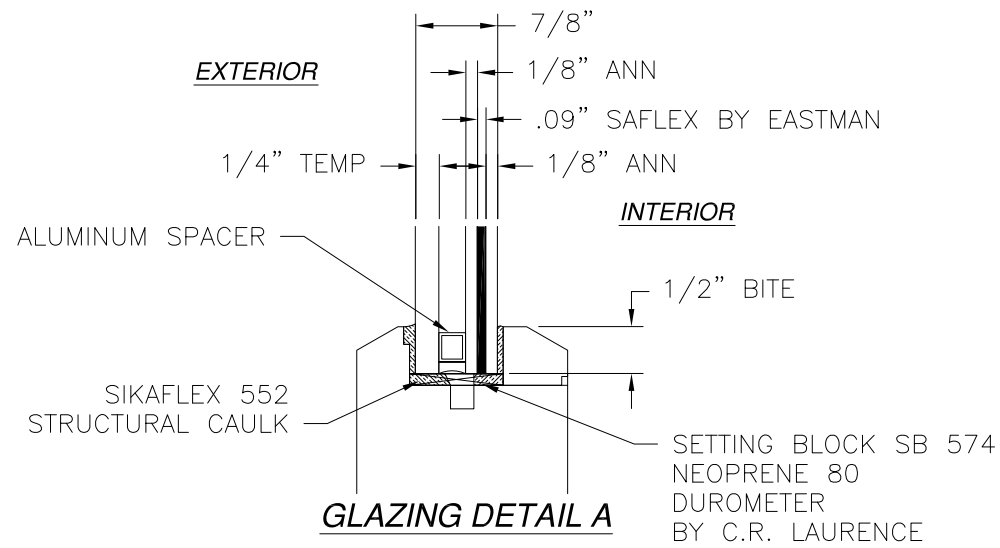
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REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT INSTALLATION DETAILS W/ANGLE		
DRAWN: R.L.	DWG NO. 08-03978	REV -
SCALE NTS	DATE 11/10/23	SHEET 10 OF 12
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REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933			
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT COMPONENTS			
DRAWN: R.L.	DWG NO. 08-03978	REV -	
SCALE NTS	DATE 11/10/23	SHEET 12 OF 12	
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com			Luis R. Lomas P.E. FL No.: 62514