

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
G	REVISED PER NEW REQUIREMENTS	11/24/23	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. 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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11 -12	COMPONENTS

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

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

DRAWN:
R.L.

DWG NO.
08-00287

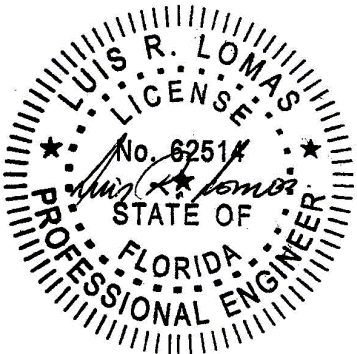
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G

SCALE NTS

DATE 10/17/07

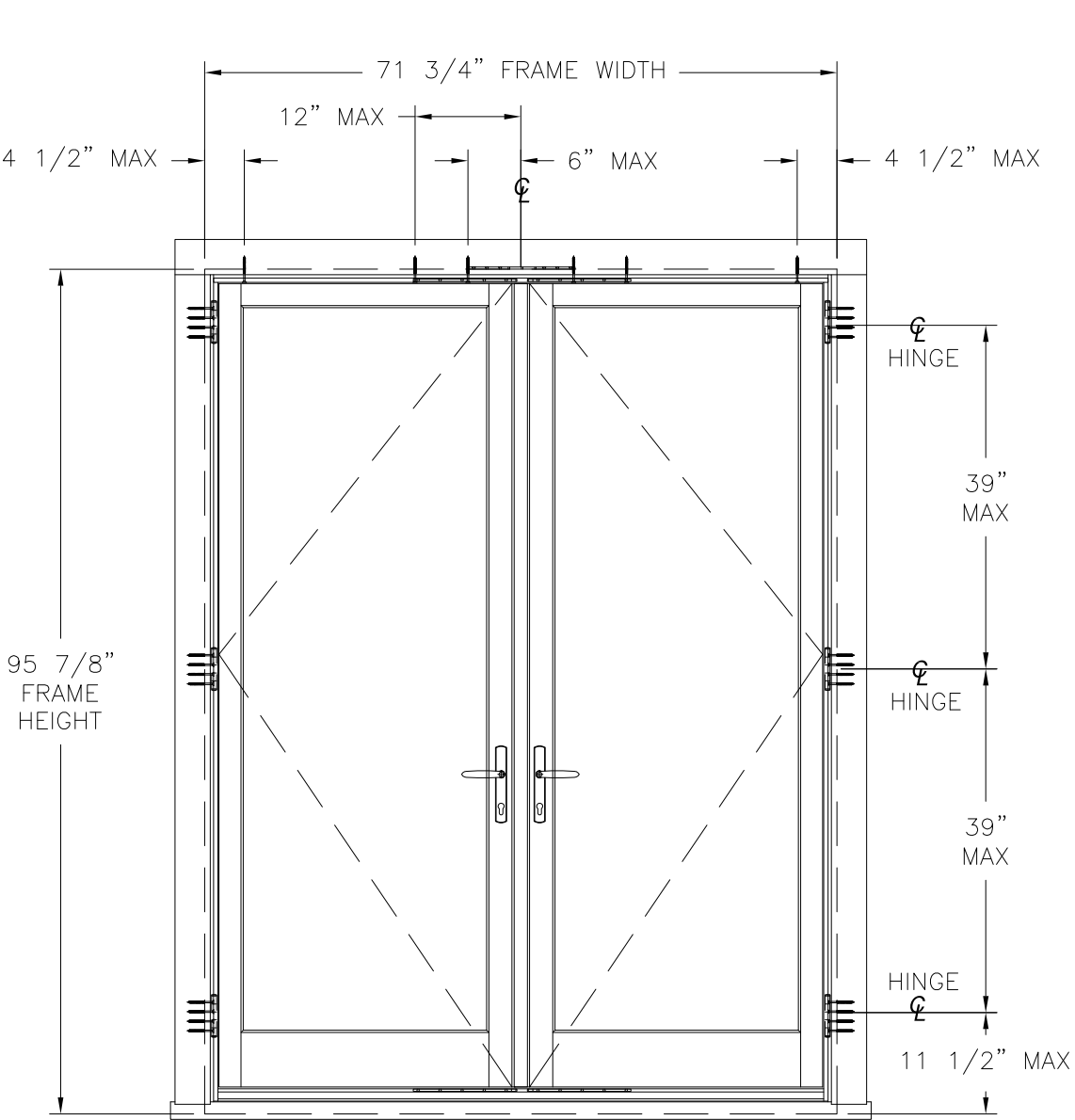
SHEET 1 OF 12

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

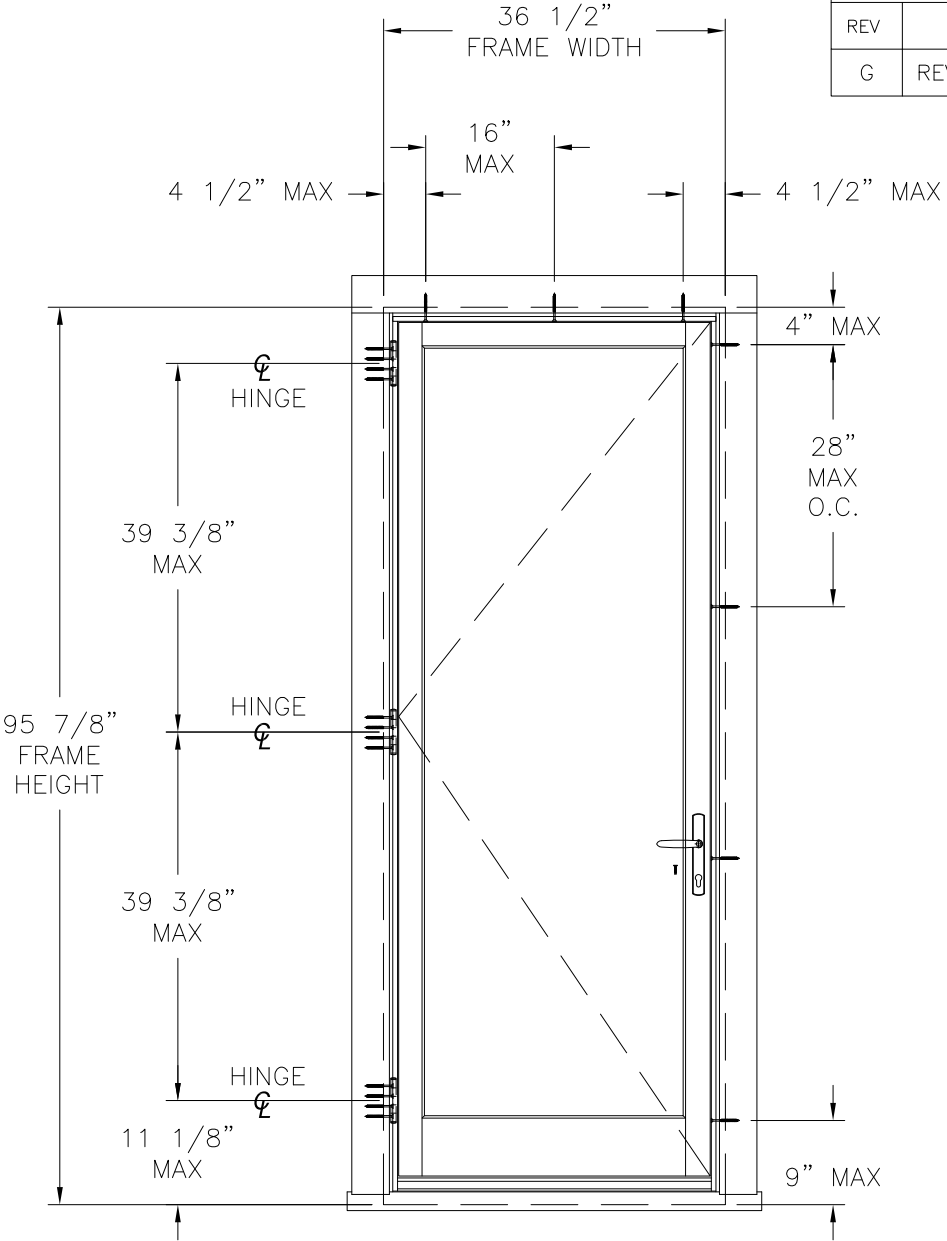


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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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
± 60.0 PSF	LARGE & SMALL MISSILE IMPACT

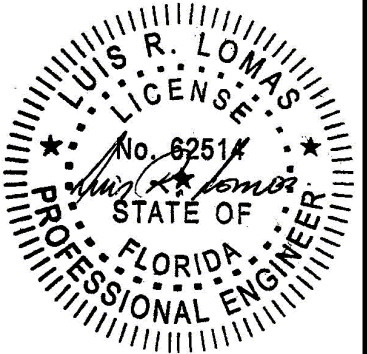
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
36 1/2" X 95 7/8" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
FRAME AREA DOES NOT EXCEED 24.3 FT²

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

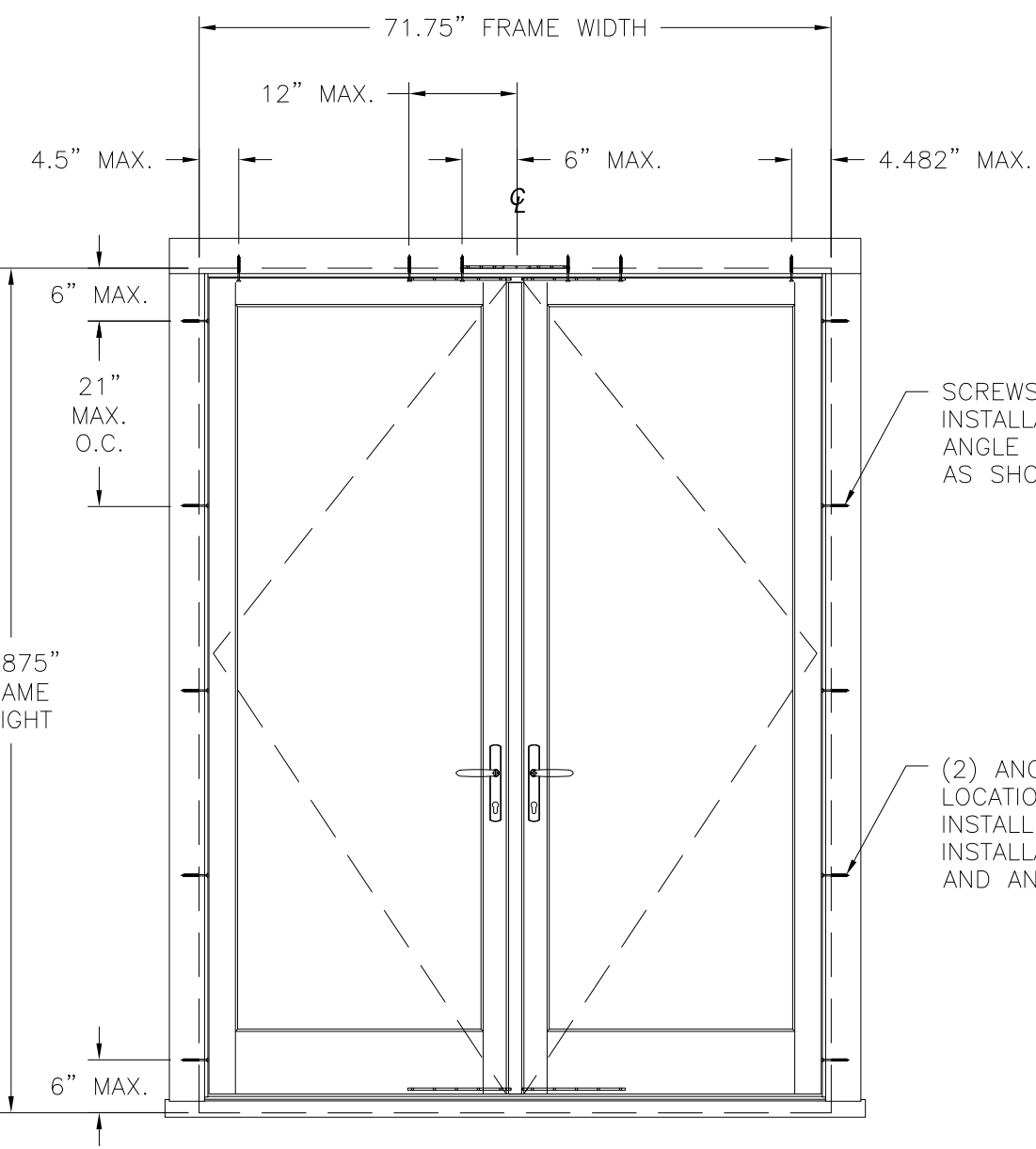
HARDWARE SCHEDULE	
A.	(2) OPERATING HANDLE WITH SEPARATE DEAD BOLT, HANDLE 33", DEADBOLT 36 1/2" FROM PANEL BOTTOM
B.	(6) HINGES, THREE PER PANEL 9" AND 48" FROM SILL AND ONE 6" FROM HEAD
C.	(1) MULTI-POINT LOCK SYSTEM WITH FOUR LOCK POINTS, AT HEAD, SILL, 12" FROM SILL, AND 32" FROM HEAD

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT HVHZ ELEVATIONS		
DRAWN: R.L.	DWG NO. 08-00287	REV G
SCALE NTS	DATE 10/17/07	SHEET 2 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 11/27/2023



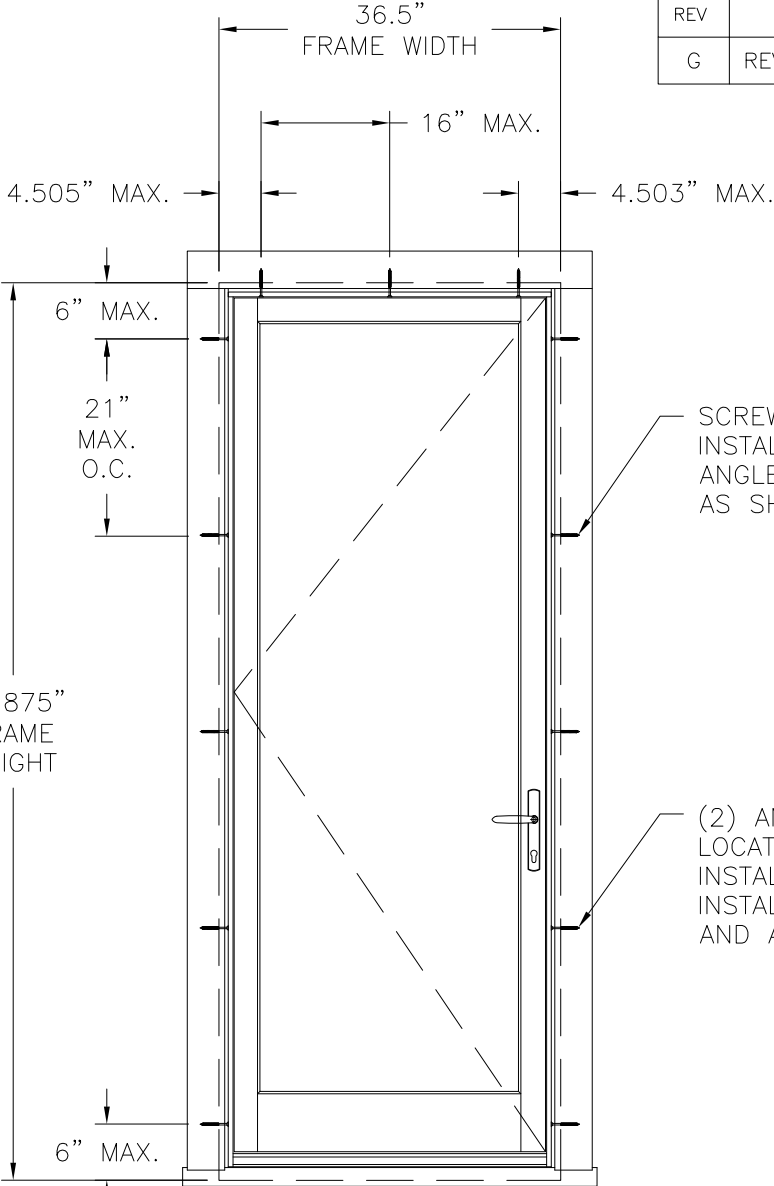
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FRENCH IS WOOD DOUBLE DOOR
EXTERIOR VIEW
ANCHORS THROUGH FRAME

SCREWS,
INSTALLATION BRACKET AND
ANGLE CLIP TO BE SPACED
AS SHOWN HEREIN

(2) ANCHORS PER
LOCATION WHEN
INSTALLED WITH
INSTALLATION BRACKET
AND ANGLE CLIP



FRENCH IS WOOD SINGLE DOOR
EXTERIOR VIEW
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36 1/2" X 95 7/8" UNIT SHOWN. OTHER SIZES APPROVED AS LONG AS
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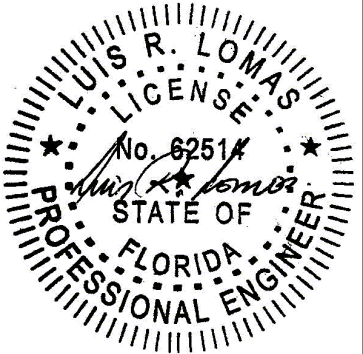
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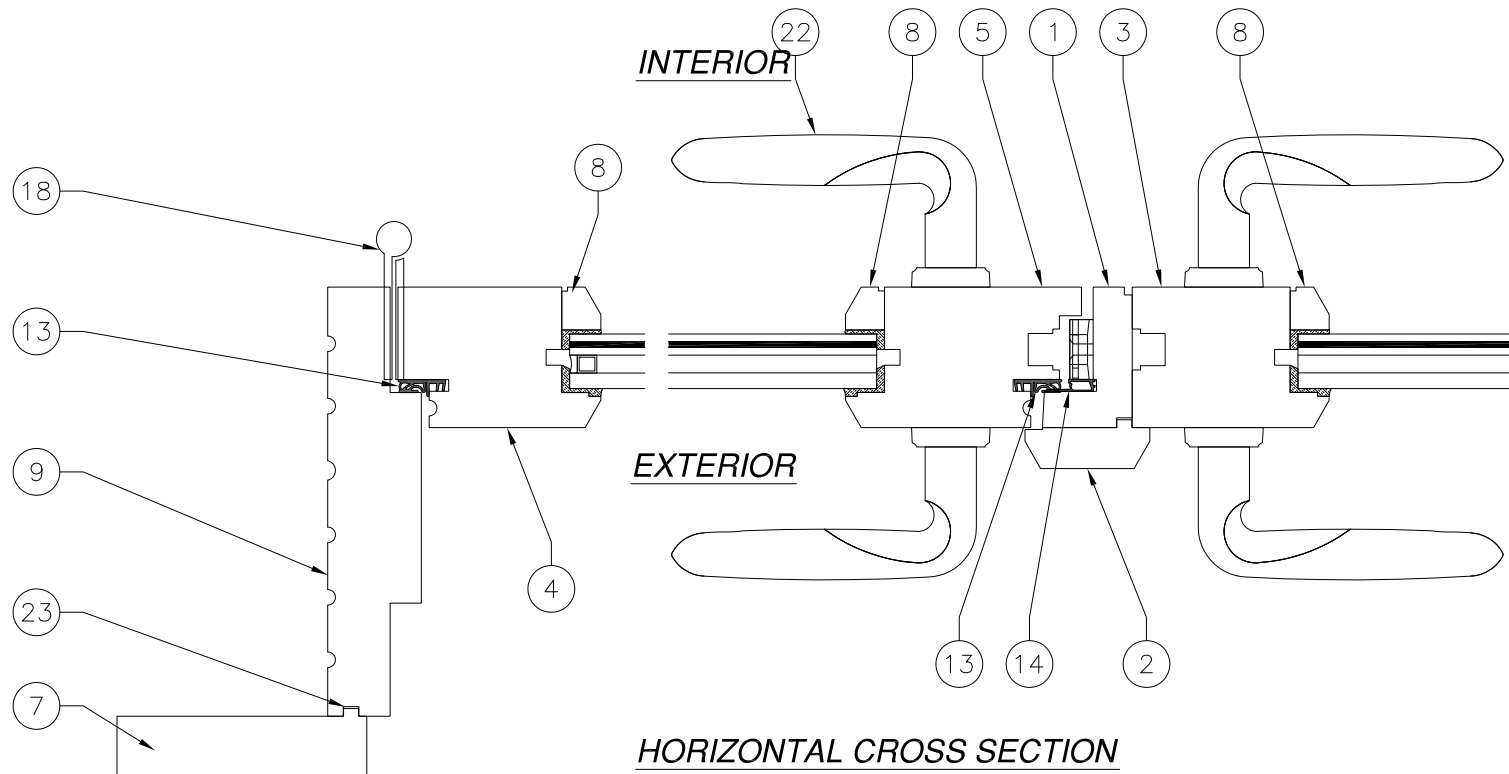
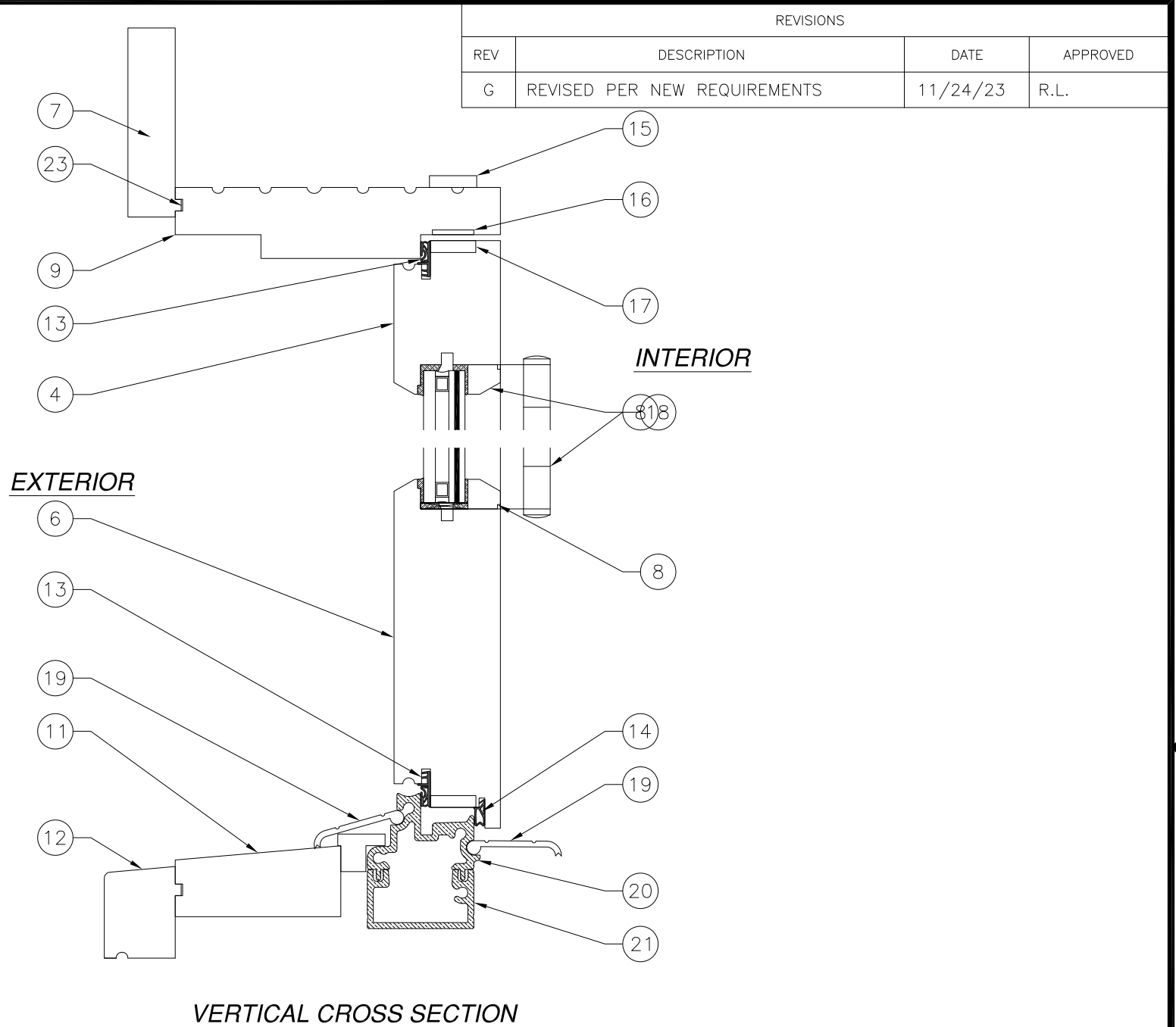
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT HVHZ ELEVATIONS		
DRAWN: R.L.	DWG NO. 08-00287	REV G
SCALE NTS	DATE 10/17/07	SHEET 3 OF 12
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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

BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	AS1.4	INACTIVE ASTRAGAL	RWD	MAHOGANY
2	AS2	ASTRAGAL	RWD	MAHOGANY
3	A2.6	MEETING STILE	RWD	MAHOGANY
4	A2.7	STILE/RAIL FRENCH DOOR	RWD	MAHOGANY
5	A3.2	MEETING STILE	RWD	MAHOGANY
6	A6.8	BOTTOM RAIL	RWD	MAHOGANY
7	CA4	CASING	RWD	MAHOGANY
8	GSA	GLASS STOP	RWD	MAHOGANY
9	J6.8	JAMB	RWD	MAHOGANY
10	SB	SUPPORT BLACK		MAHOGANY
11	SL3.5	DOOR SILL	RWD	MAHOGANY
12	SN1.5A	SILL NOSE	RWD	MAHOGANY
13	WS24-10164	WEATHERSTRIP	RCT	
14	SV 103A	WEATHERSTRIP	DEVENTOR	
15		JAMB SUPPORT	HI TECH	STAINLESS STEEL
16	SSB3-L-SS	SHOOT BOLT STRIKE	C.W.M.	316 ST STEEL
17		REINFORCEMENT PLATE	HI TECH	STAINLESS STEEL
18	125P-PBA	BUTTED HINGE 4 1/2 X 4 1/2	BRASS	
19	EX-2	THRESHOLD	BRASS	MRD
20	PART C	SILL EXTRUSION		BRONZE
21	PART D	SILL EXTRUSION		BRONZE
22	8778823	MULTI POINT LOCK SYSTEM (4 POINTS)	HOPPE	
23	552	STRUCTURAL CAULK		SIKAFLEX



REILLY WINDOWS & DOORS
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CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
IMPACT HVHZ
B.O.M AND CROSS SECTIONS

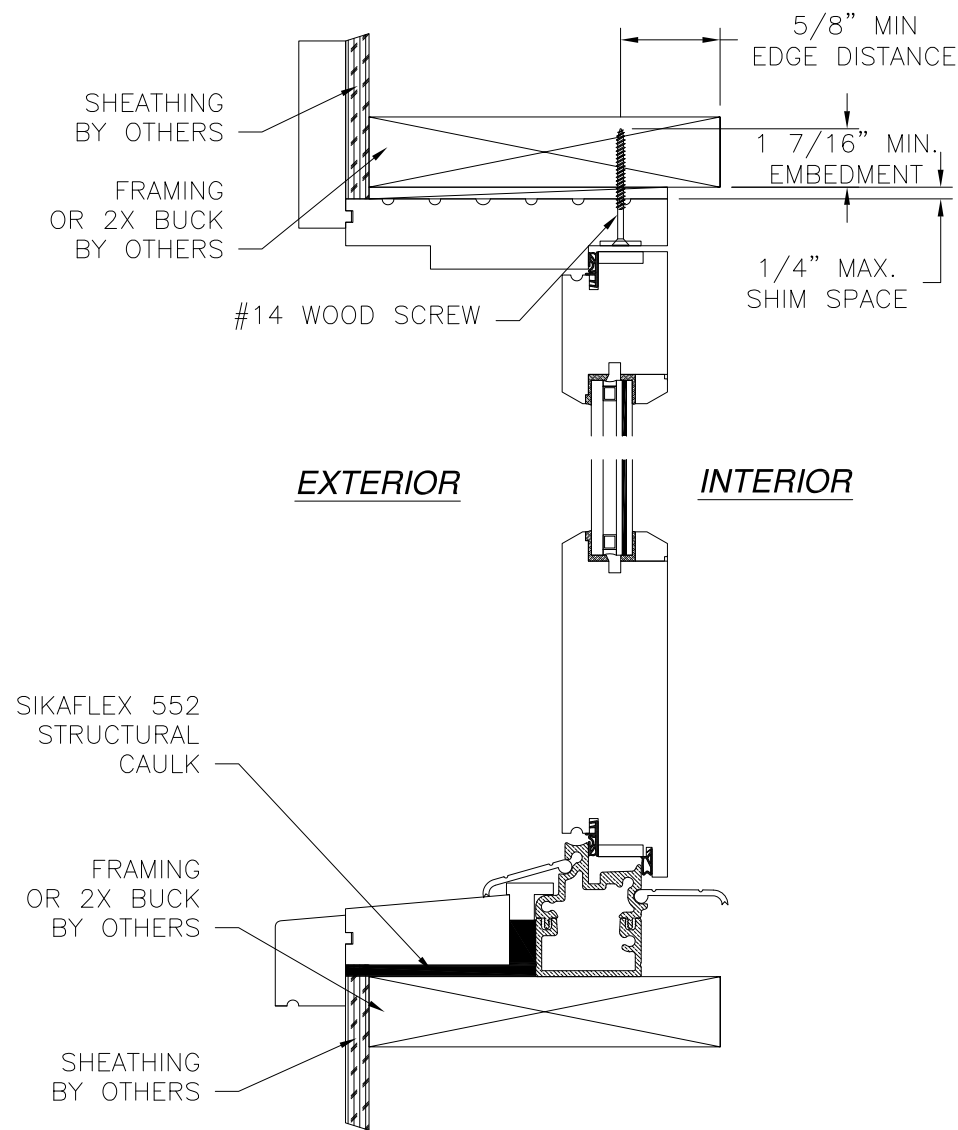
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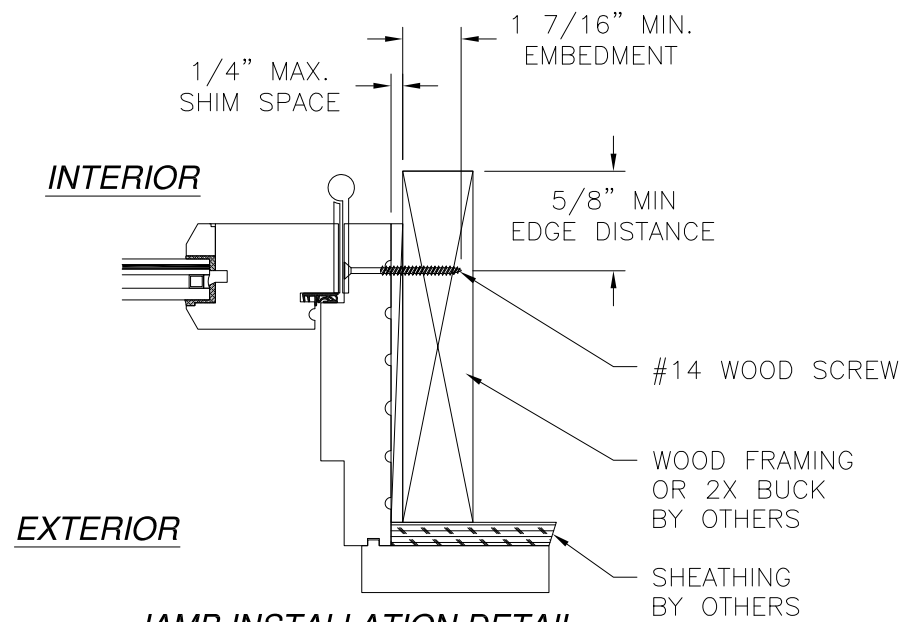
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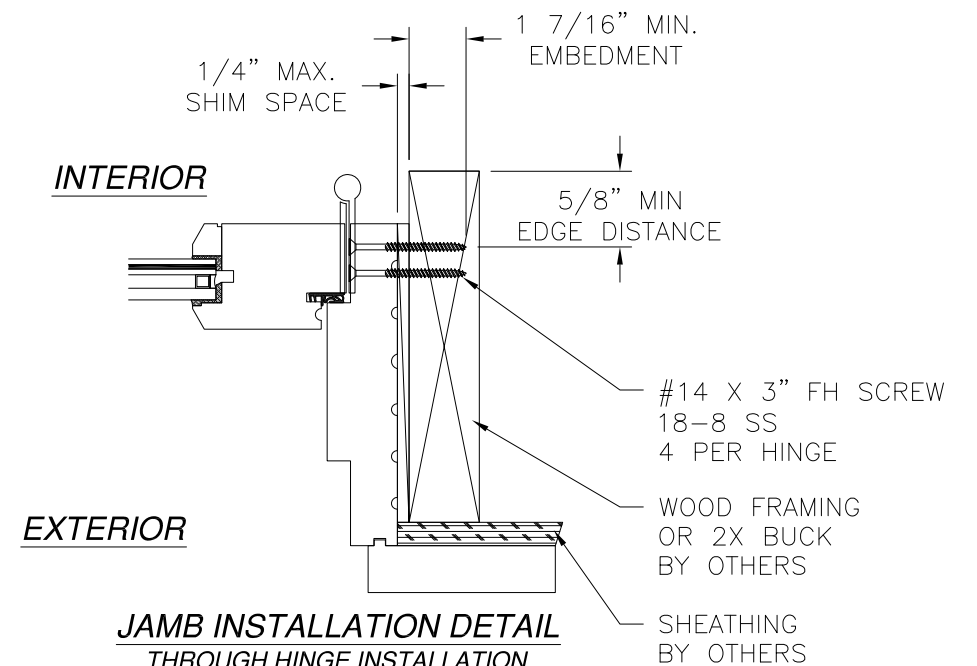
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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

SIGNED: 11/27/2023

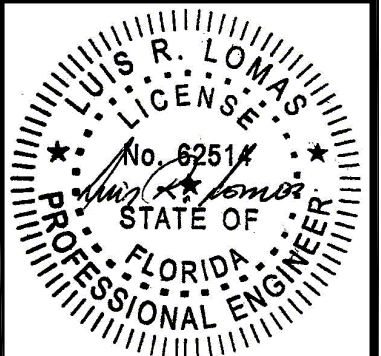
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

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

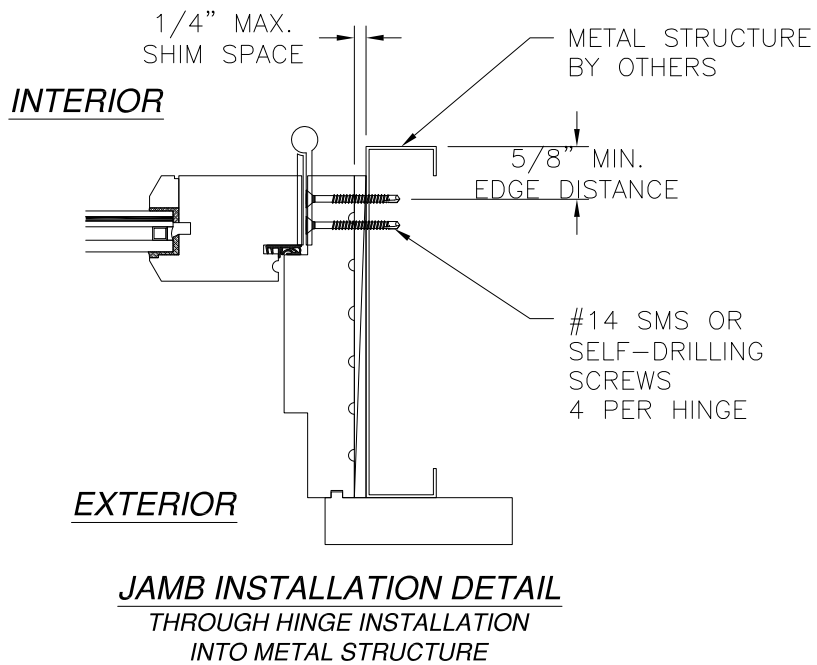
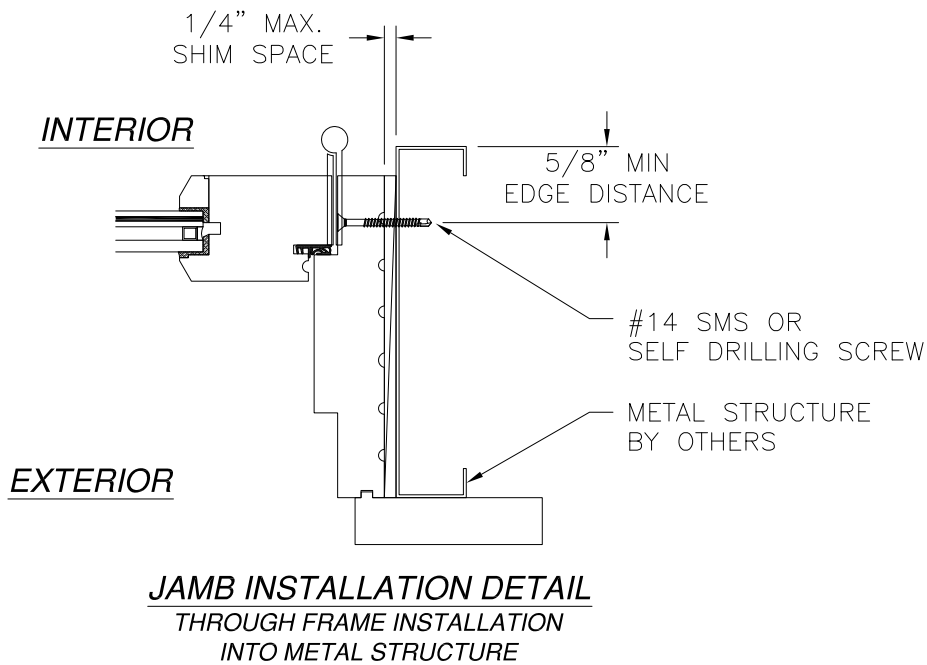
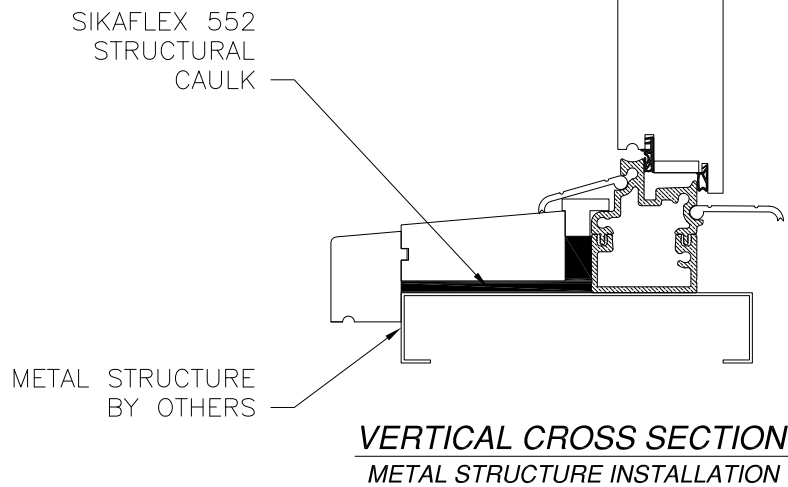
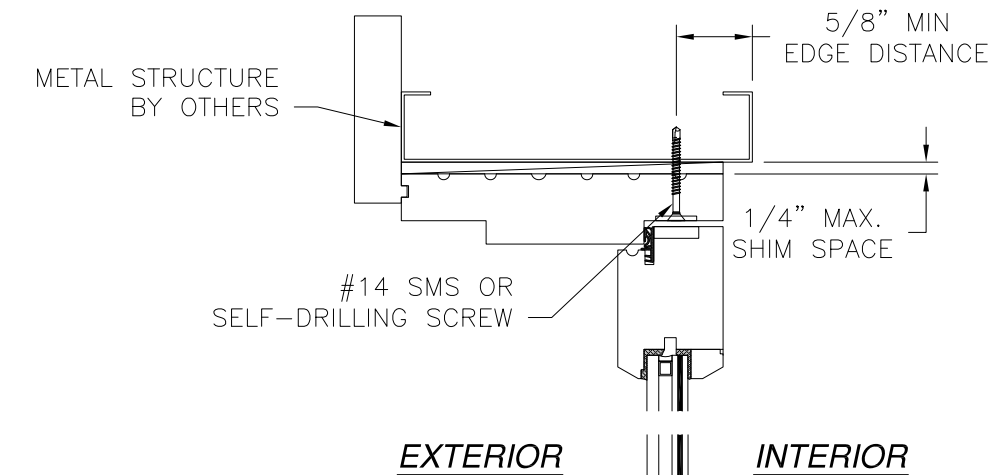
DRAWN: R.L.	DWG NO. 08-00287	REV G
SCALE NTS	DATE 10/17/07	SHEET 5 OF 12

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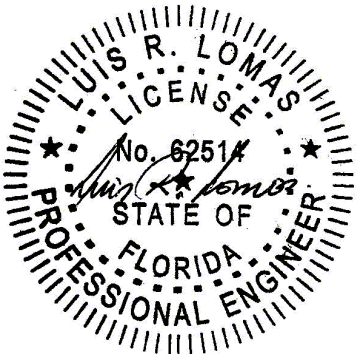
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REILLY WINDOWS & DOORS
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CALVERTON, NY 11933

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

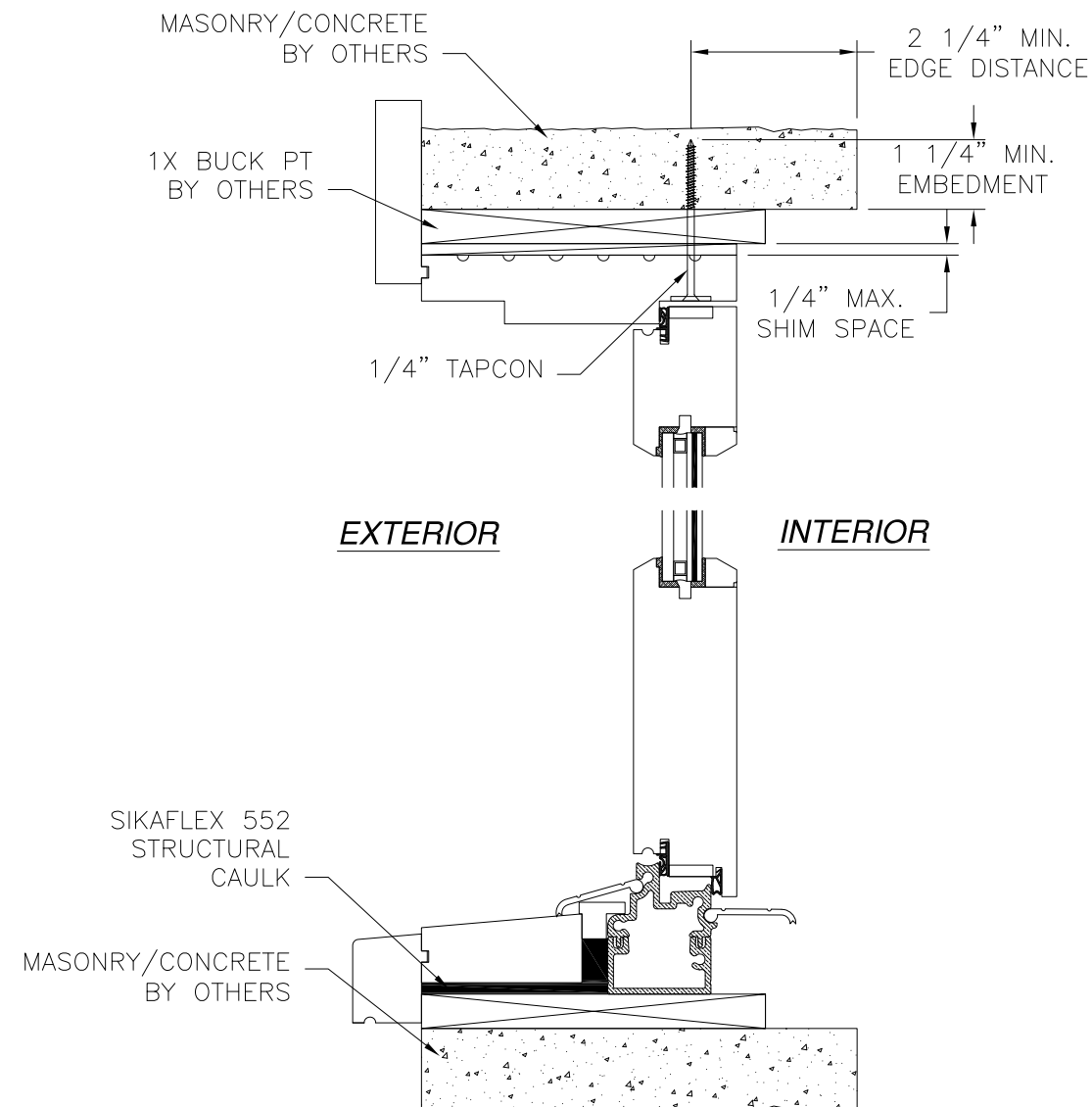
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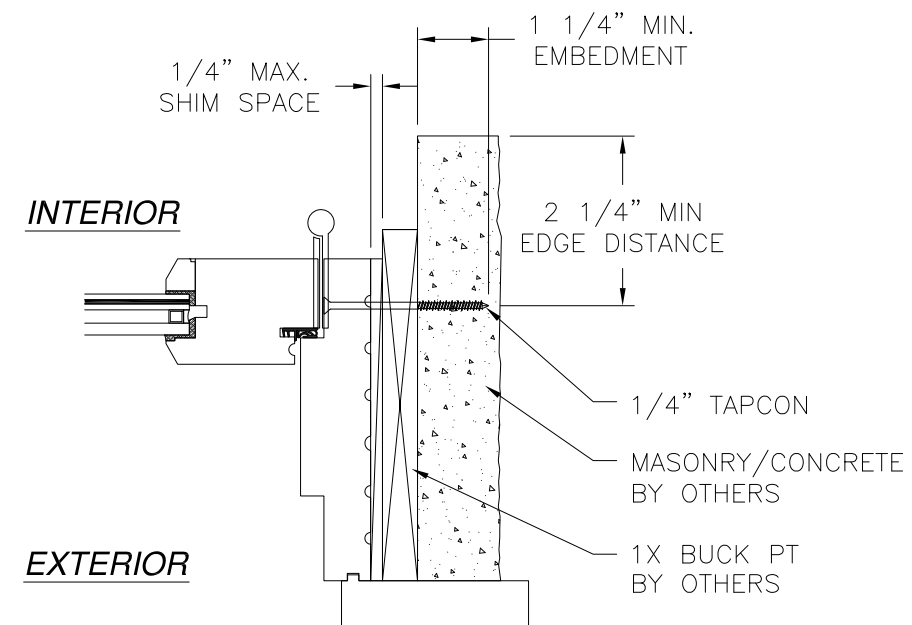


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
THROUGH FRAME INSTALLATION
INTO MASONRY/CONCRETE

- NOTES:
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REILLY WINDOWS & DOORS

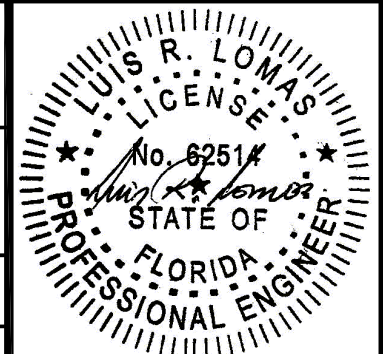
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CALVERTON, NY 11933

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

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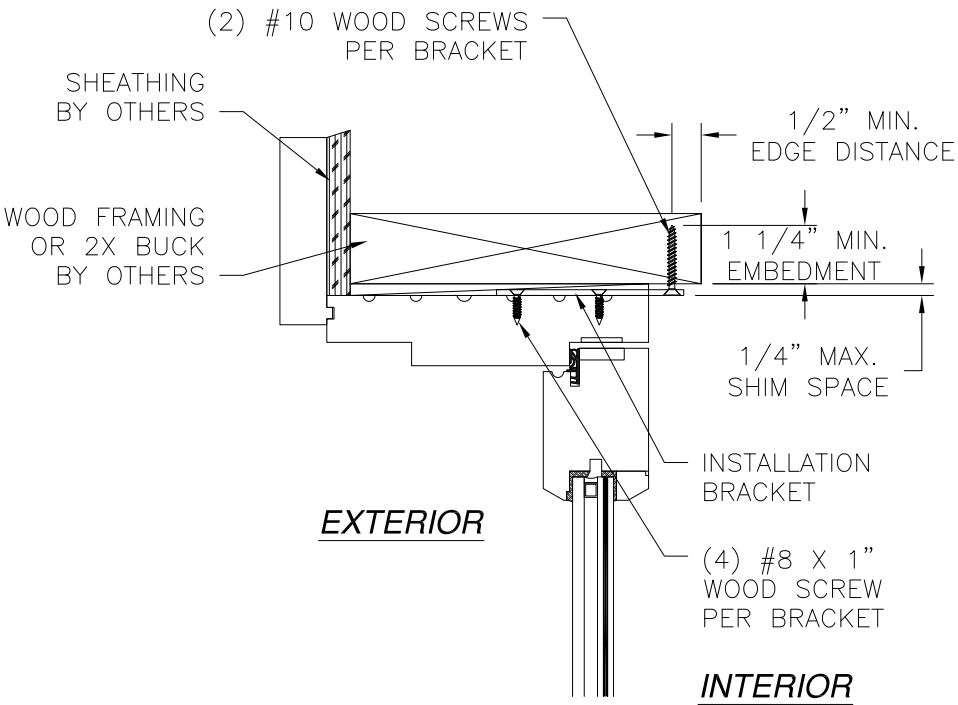
SCALE NTS	DATE 10/17/07	SHEET 7 OF 12
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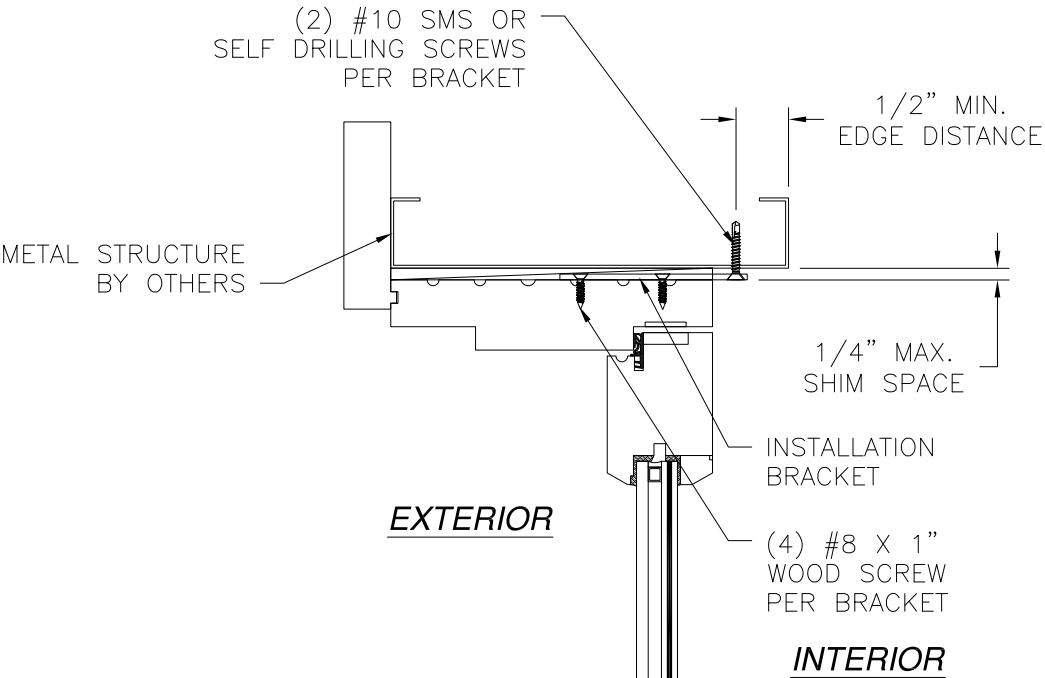


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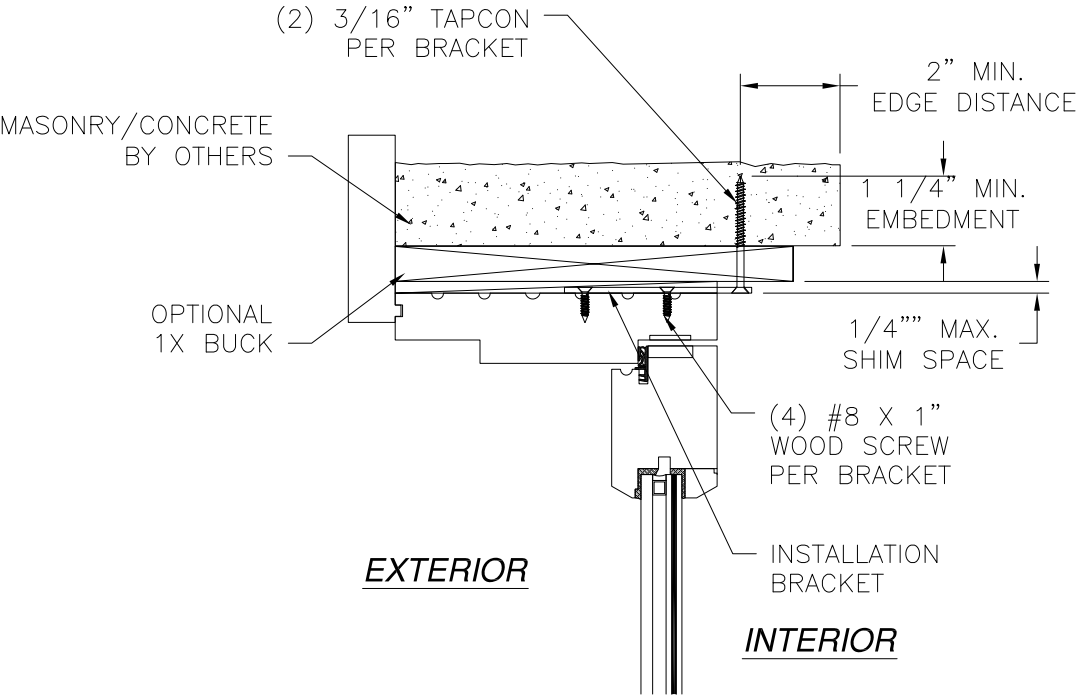
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

- NOTES:
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 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
 3. INSTALLATION BRACKETS TO BE SPACED AS INDICATED IN SHEET 3

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

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

DRAWN:
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08-00287

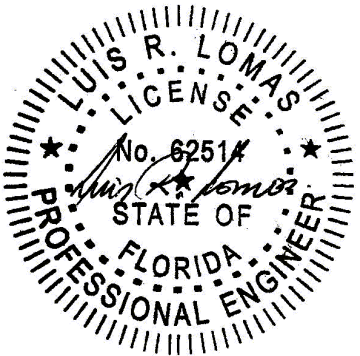
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SCALE
NTS

DATE
10/17/07

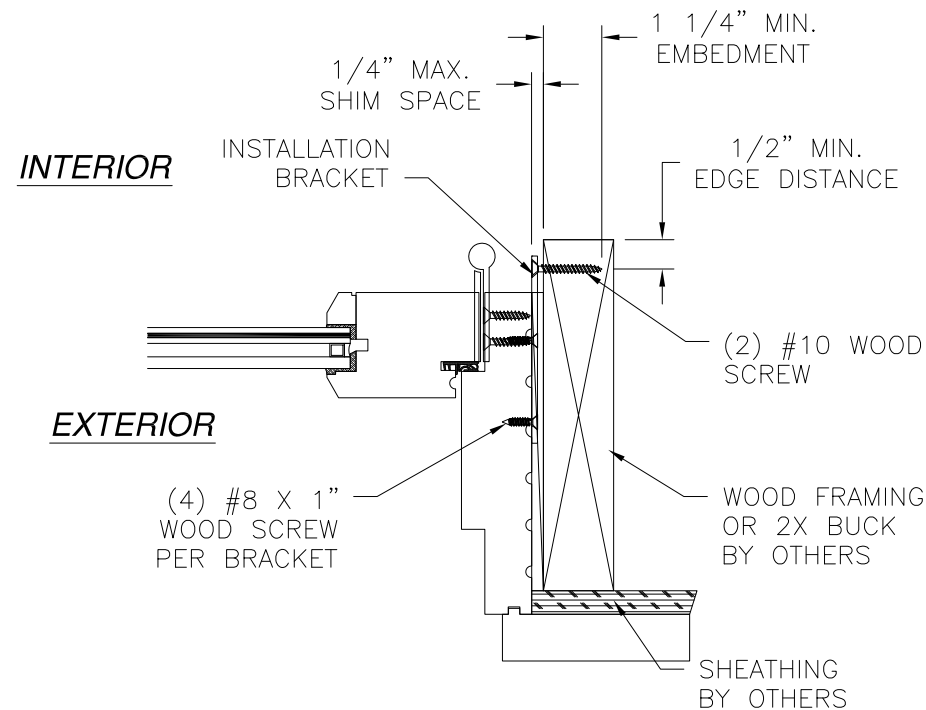
SHEET
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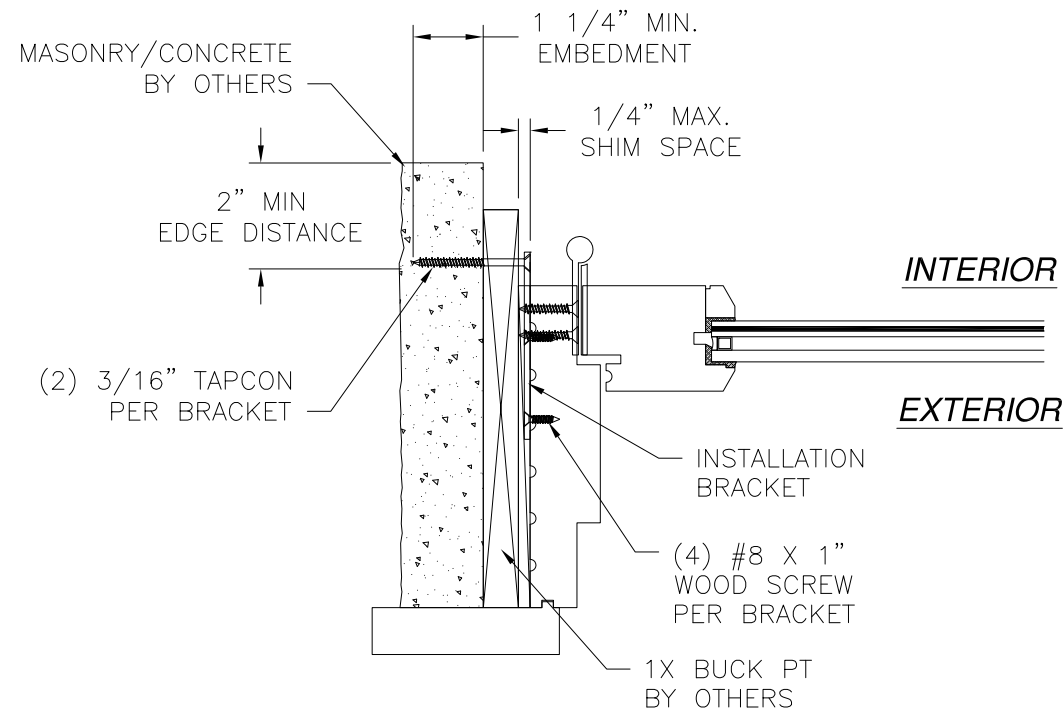


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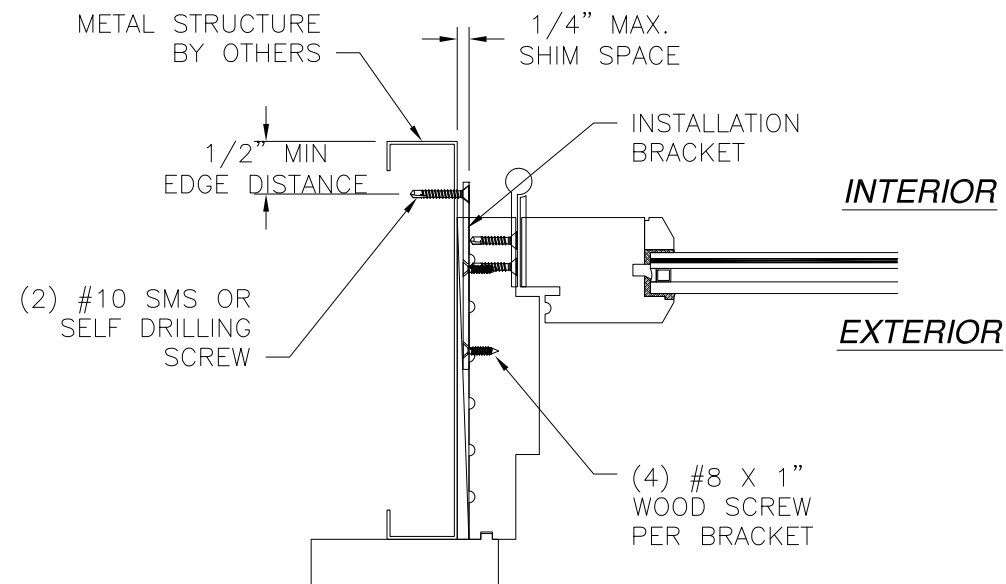
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JAMB INSTALLATION DETAIL
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JAMB INSTALLATION DETAIL
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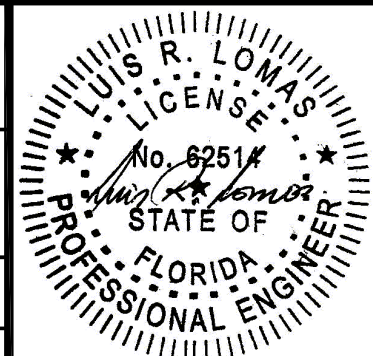


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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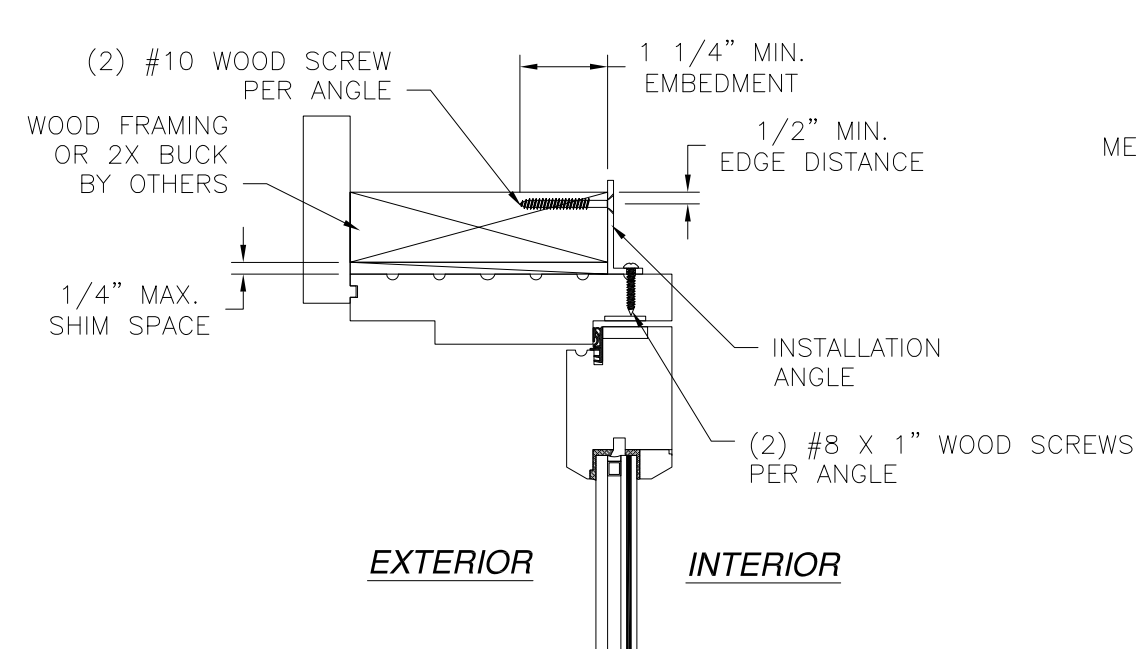
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REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT HVHZ INSTALLATION DETAILS W/CLIP		
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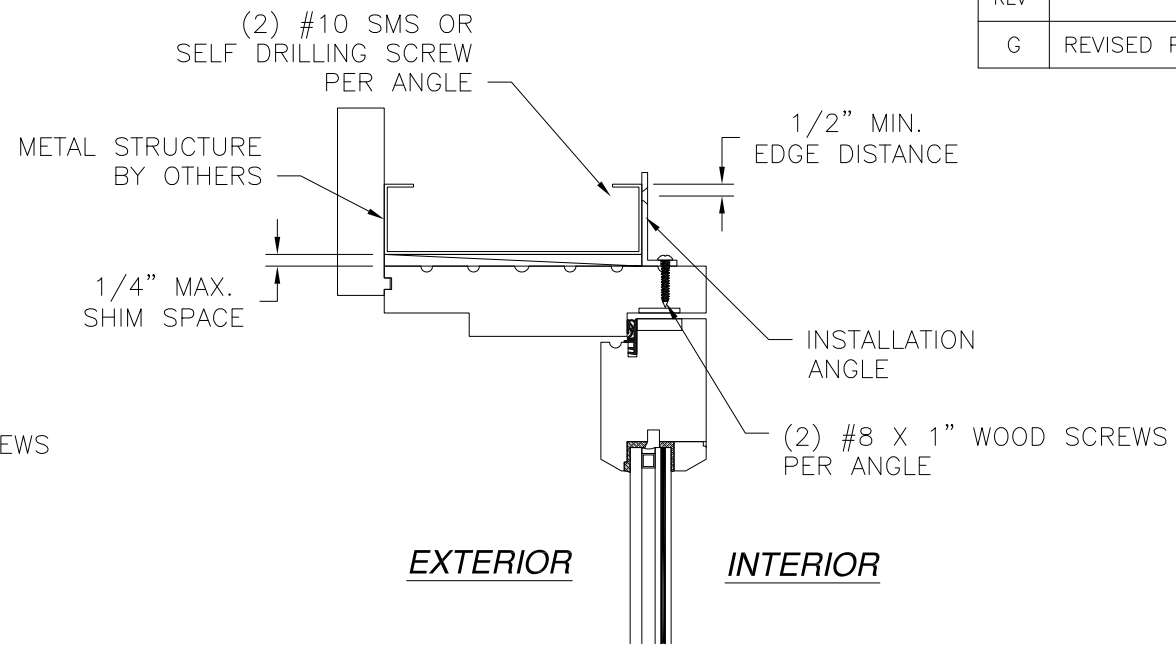


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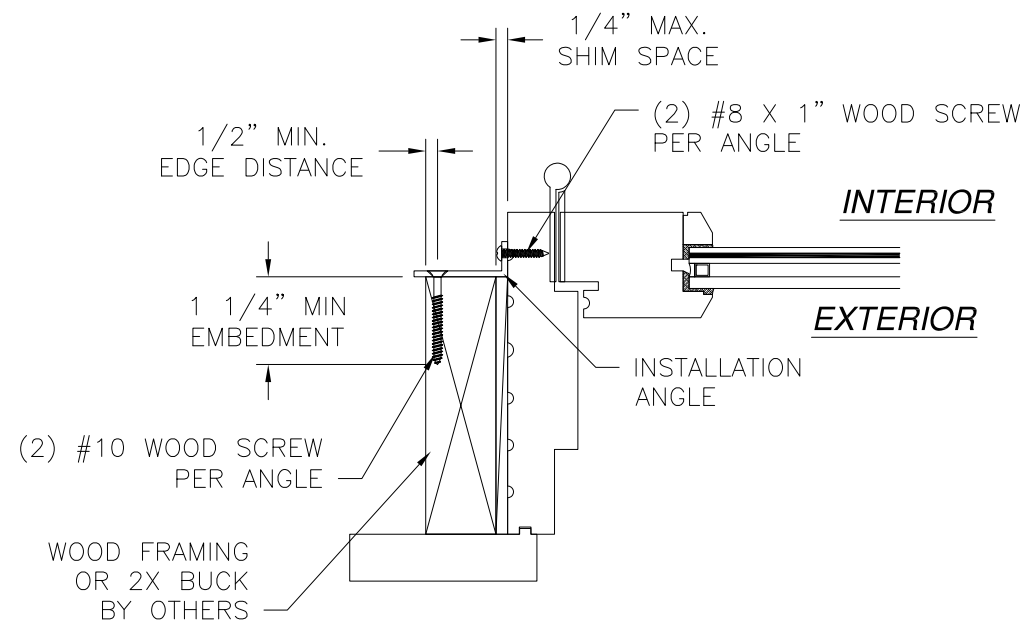
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REV	DESCRIPTION	DATE	APPROVED
G	REVISED PER NEW REQUIREMENTS	11/24/23	R.L.



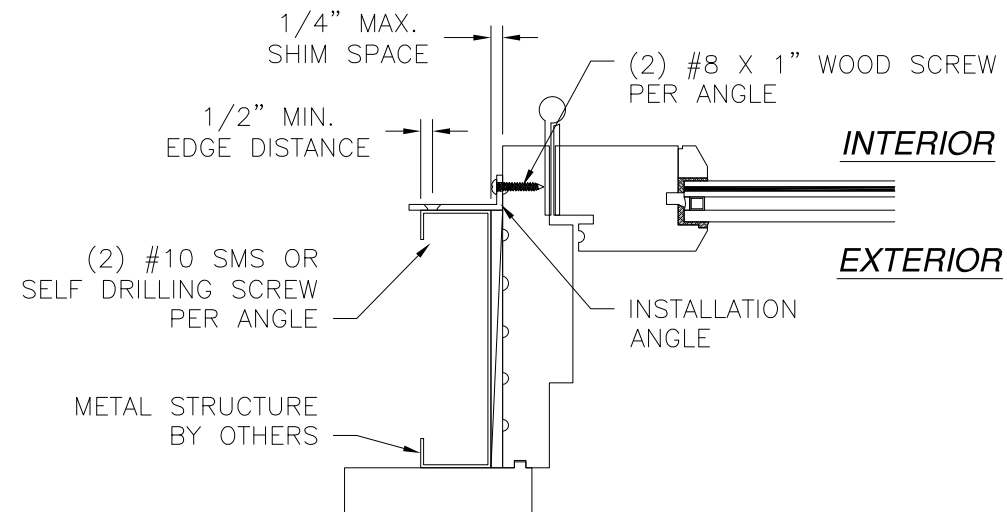
VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

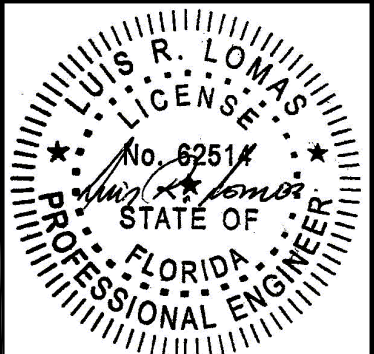


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

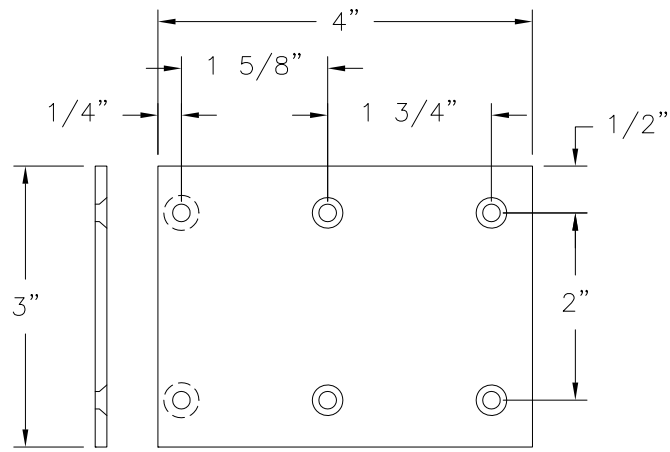
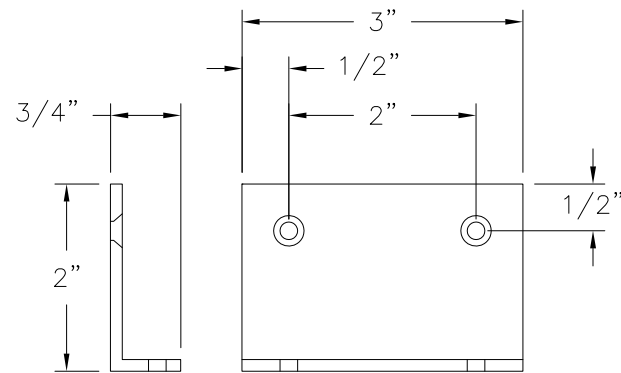
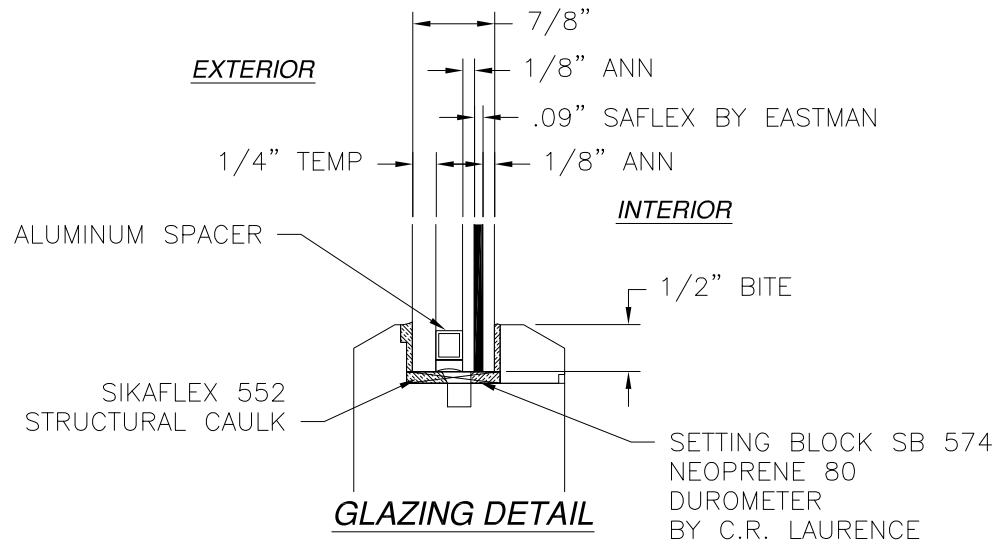
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112
 3. INSTALLATION BRACKETS TO BE SPACED AS INDICATED IN SHEET 3

SIGNED: 11/27/2023

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE IMPACT HVHZ INSTALLATION DETAILS W/ANGLE		
DRAWN: R.L.	DWG NO. 08-00287	REV G
SCALE NTS	DATE 10/17/07	SHEET 10 OF 12
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
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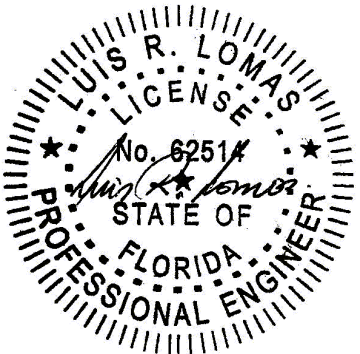
REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

FRENCH DOOR IN-SWING WOOD, SINGLE & DOUBLE
IMPACT HVHZ
COMPONENTS

DRAWN: R.L.	DWG NO. 08-00287	REV G
SCALE NTS	DATE 10/17/07	SHEET 12 OF 12

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

SIGNED: 11/27/2023



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