

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING, METAL STRUCTURE 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: EXTRUDED RIGID PVC.
11. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 6 FOR GLASS DETAILS.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

13. FOR ANCHORING 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 INTO CONCRETE/MASONRY USE 1/4” ELCO CRETE–FLEX 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 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.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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:W
- 17.1. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
- 17.2. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
- 17.3. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
- 17.4. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .125” THICK MINIMUM
19. APPROVED CONFIGURATIONS: XX, X.

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REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR
OUT–SWING IMPACT
NOTES

DRAWN:
R.L.

DWG NO.
08–03987

REV
A

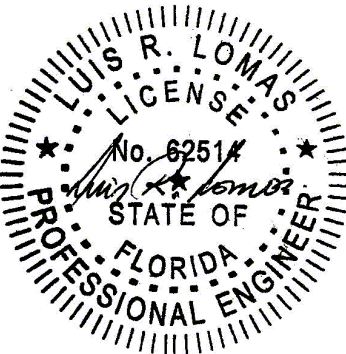
SCALE NTS

DATE 11/15/23

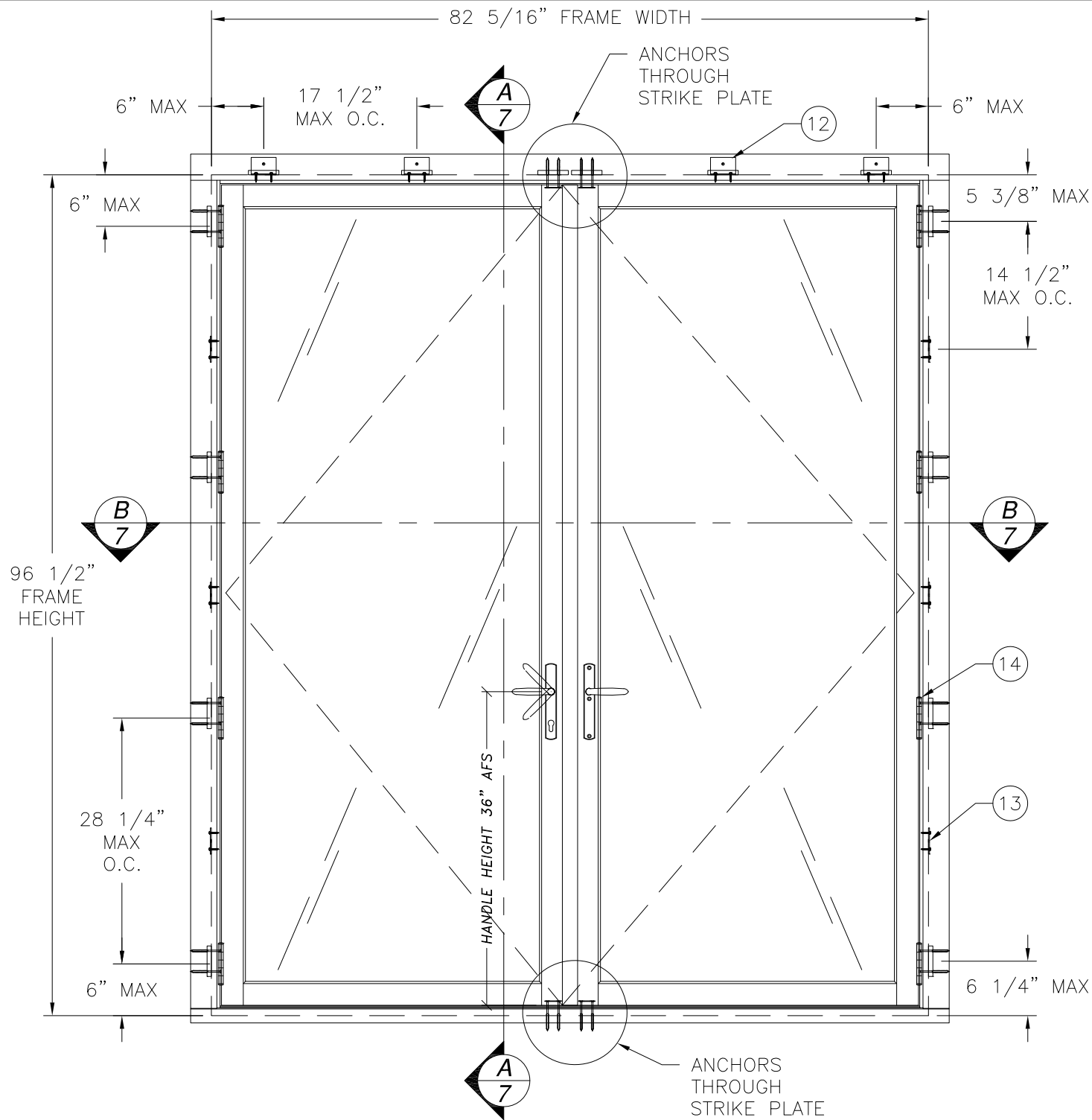
SHEET 1 OF 22

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SIGNED: 08/13/2024



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.

HARDWARE SCHEDULE	
A.	(4) BUTT HINGE BY UNLACQ
B.	SINGLE POINT LOCK BY ACCURATE
C.	(4) SURFACE BOLTS BY RWD.

WEEP HOLES:
(7) 1/4" WEEP HOLES LOCATED 12" MAX O.C.
USING ASHLAND PROWEEP 60606

- NOTES:
- FRAME HEAD TO JAMB CORNERS WERE COPED, BUTTED AND JOINED TOGETHER WITH #10X4-3/4" WOOD SCREWS AND SEALED WITH BINDAN D4.
 - SILL TO JAMB CORNERS ARE COPED, BUTTED AND JOINED WITH M8X1-9/16" MACHINE SCREWS THROUGH SILL INTO JAMBS THREADED INSERTS AND SEALED WITH SG20 SILICONE.
 - RAILS AND STILES ARE COPED, BUTTED AND JOINED WITH .394"X3.150" DOWELS, GLUED AND SEALED WITH BINDAN D4.
 - HINGES ARE LOCATED 6" FROM EACH END AND 28 1/4" MAX O.C. THERAFTER.
 - PANEL SIZE: 40 1/8" X 94 3/16"
 - DLO SIZE: 33 3/4" X 88 21/32"
 - APPROVED CONFIGURATIONS: XX, X

RWD WOOD FRENCH OUT-SWING DOUBLE DOOR

WITH SINGLE POINT LOCK & GLASS A

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #1, SHEET 6

WITH SINGLE POINT LOCK & GLASS B

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

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #3, SHEET 6

WITH BRONZE SILL

DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #4, SHEET 6

REILLY WINDOWS & DOORS

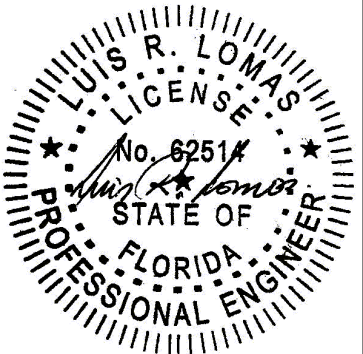
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
DOUBLE DOOR ELEVATION

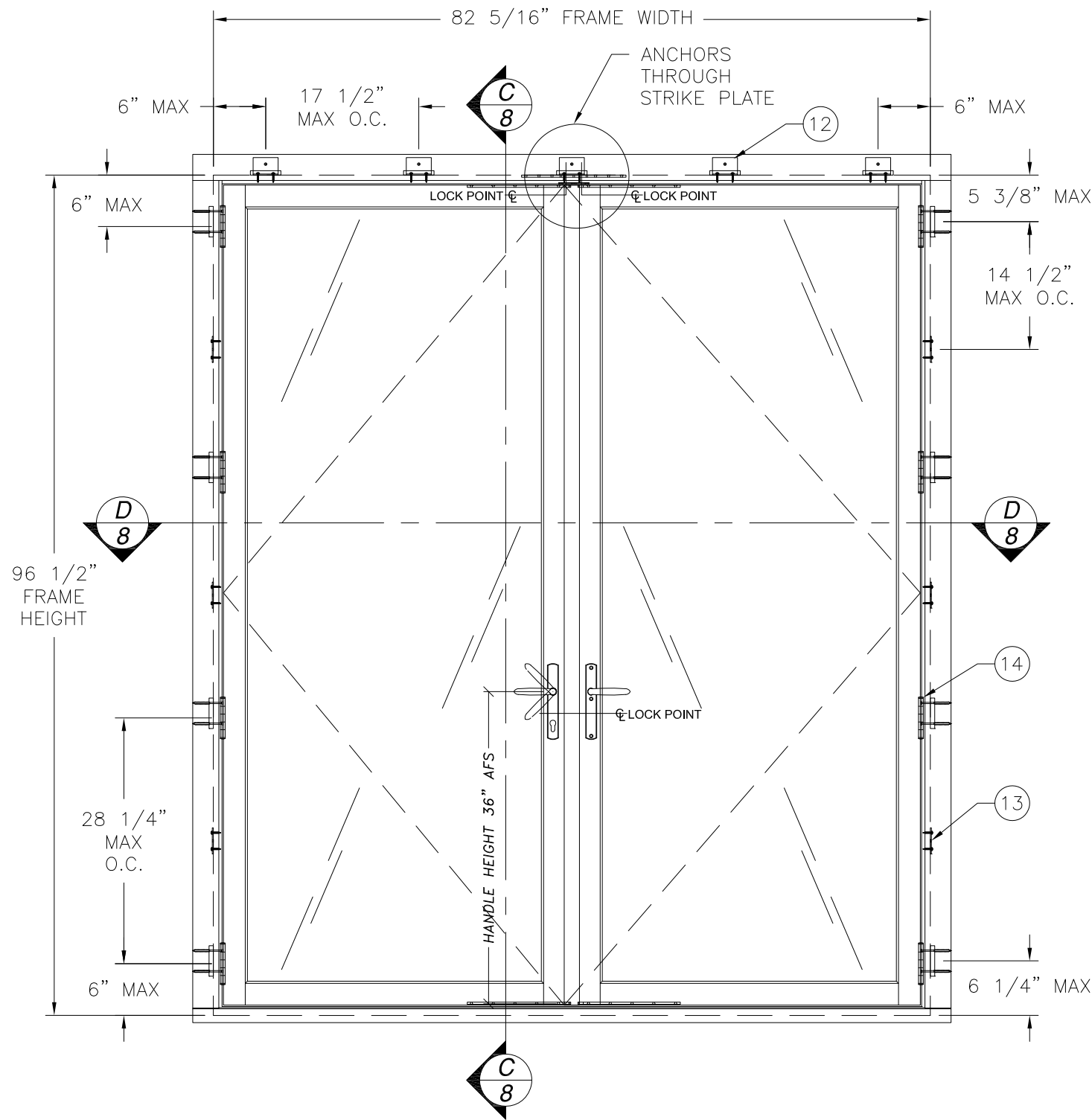
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SCALE NTS	DATE 11/15/23	SHEET 2 OF 22

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RWD WOOD FRENCH OUT-SWING DOUBLE DOOR
EXTERIOR VIEW

WITH MULTI POINT LOCK & GLASS A

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #1, SHEET 6

WITH MULTI POINT LOCK & GLASS B

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

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #3, SHEET 6

WITH BRONZE SILL

DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #4, SHEET 6

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HARDWARE SCHEDULE

A.	(4) BUTT HINGE BY UNLACQ
B.	MULTI POINT LOCK BY HOPPE

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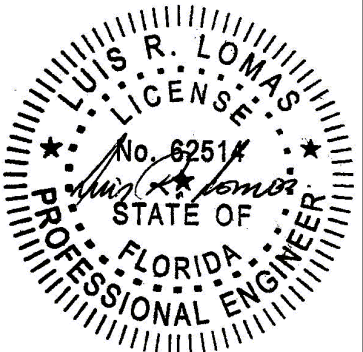
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

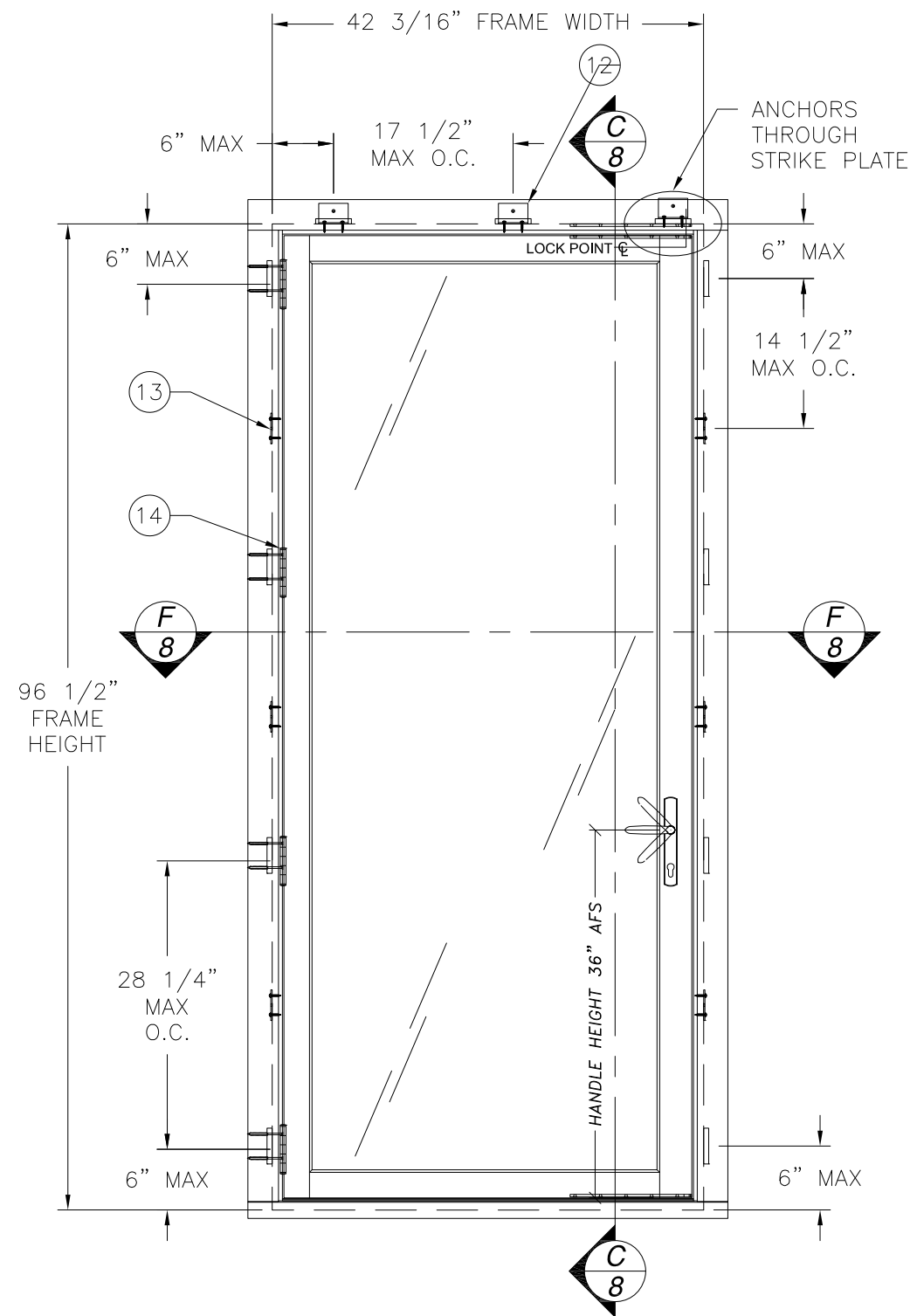
RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
DOUBLE DOOR ELEVATION

DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 3 OF 22

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RWD WOOD FRENCH OUT-SWING SINGLE DOOR
EXTERIOR VIEW

WITH MULTI POINT LOCK & GLASS A

DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #2, SHEET 6

WITH MULTI POINT LOCK & GLASS B

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

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #3, SHEET 6

WITH BRONZE SILL

DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	LARGE & SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4
SEE CHART #4, SHEET 6

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HARDWARE SCHEDULE

A.	(4) BUTT HINGE BY UNLACQ
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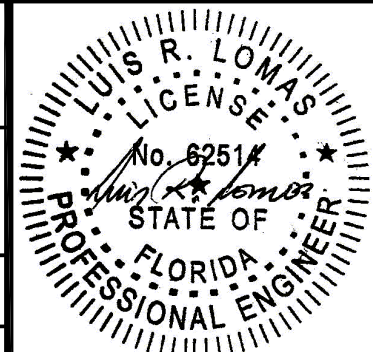
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
SINGLE DOOR ELEVATION

DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 5 OF 22

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Chart #1

Ratings for double doors with glass A (psf)								
Panel Height (in)	Panel Width (in)							
	24.00		30.00		36.00		40.13	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
78.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
81.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
84.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
87.00	75.0	75.0	75.0	75.0	75.0	75.0	72.0	72.0
90.00	75.0	75.0	75.0	75.0	74.6	74.6	68.9	68.9
93.00	75.0	75.0	75.0	75.0	71.6	71.6	66.1	66.1
94.19	75.0	75.0	75.0	75.0	70.5	70.5	65.0	65.0

Chart #2

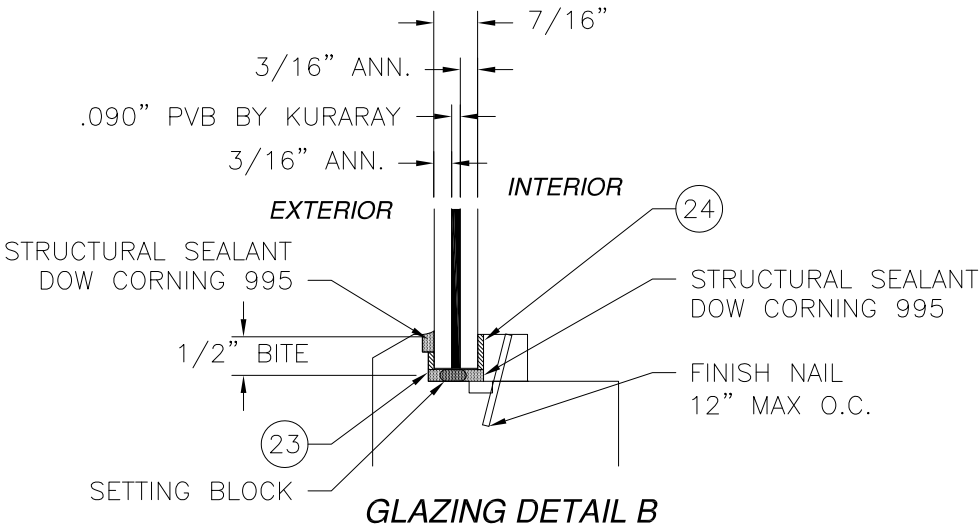
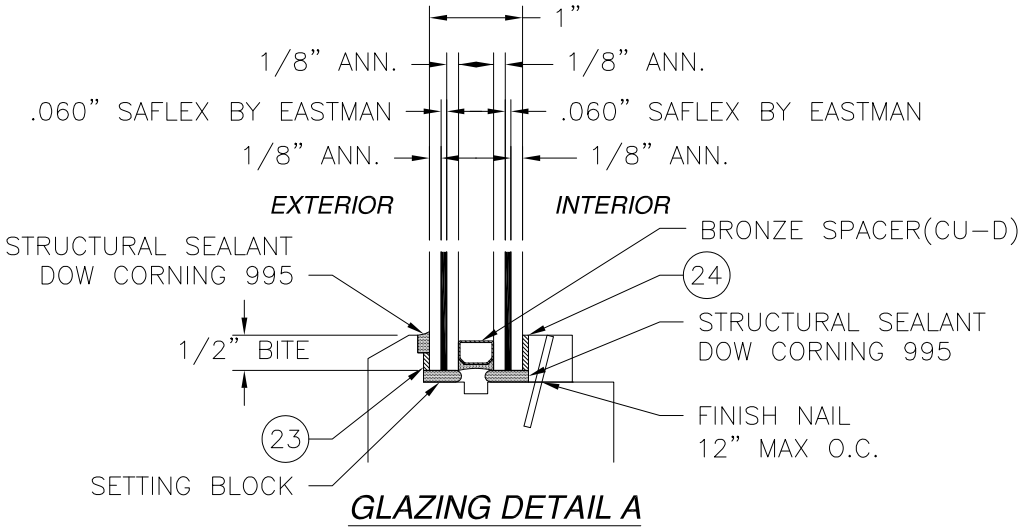
Ratings for single doors with glass A (psf)								
Frame Height (in)	Frame width (in)							
	24.00		30.00		36.00		40.13	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
78.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
81.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
84.00	75.0	75.0	75.0	75.0	75.0	75.0	72.9	72.9
87.00	75.0	75.0	75.0	75.0	75.0	75.0	70.4	70.4
90.00	75.0	75.0	75.0	75.0	75.0	75.0	68.0	68.0
93.00	75.0	75.0	75.0	75.0	73.4	73.4	65.8	65.8
94.19	75.0	75.0	75.0	75.0	72.4	72.4	65.0	65.0

Chart #3

Ratings for doors with glass B (psf)								
Panel Height (in)	Panel Width (in)							
	24.00		30.00		36.00		40.13	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
78.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
81.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
84.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
87.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
90.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
93.00	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
94.19	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0

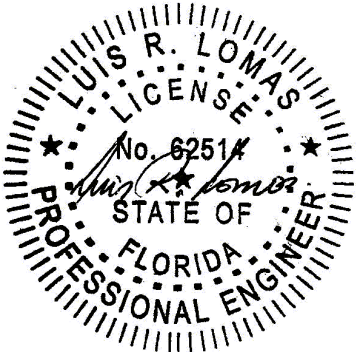
Chart #4

Ratings with bronze sill (psf)								
Panel Height (in)	Panel Width (in)							
	24.00		30.00		36.00		40.13	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
78.00	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
81.00	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
84.00	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
87.00	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
90.00	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
93.00	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
94.19	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0



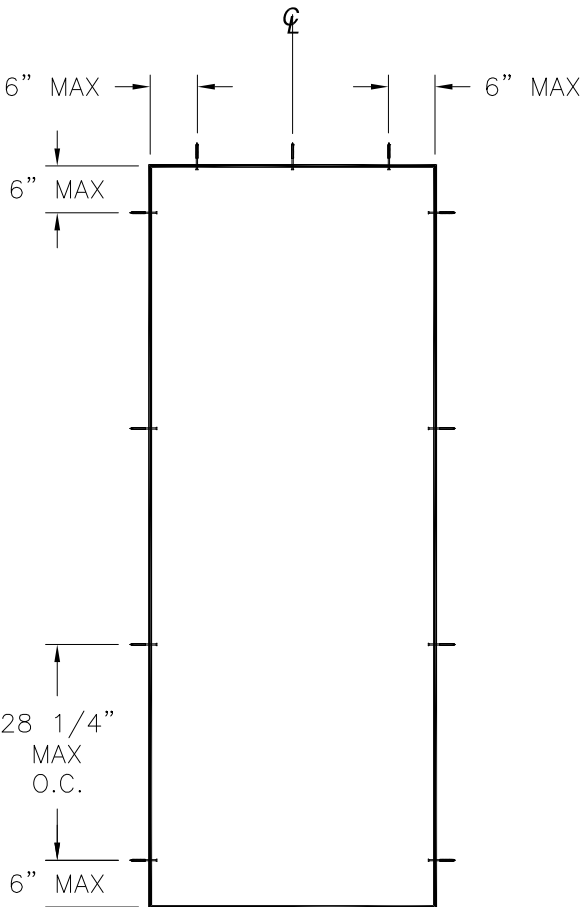
SIGNED: 08/13/2024

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT CHARTS & GLAZING DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 6 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		

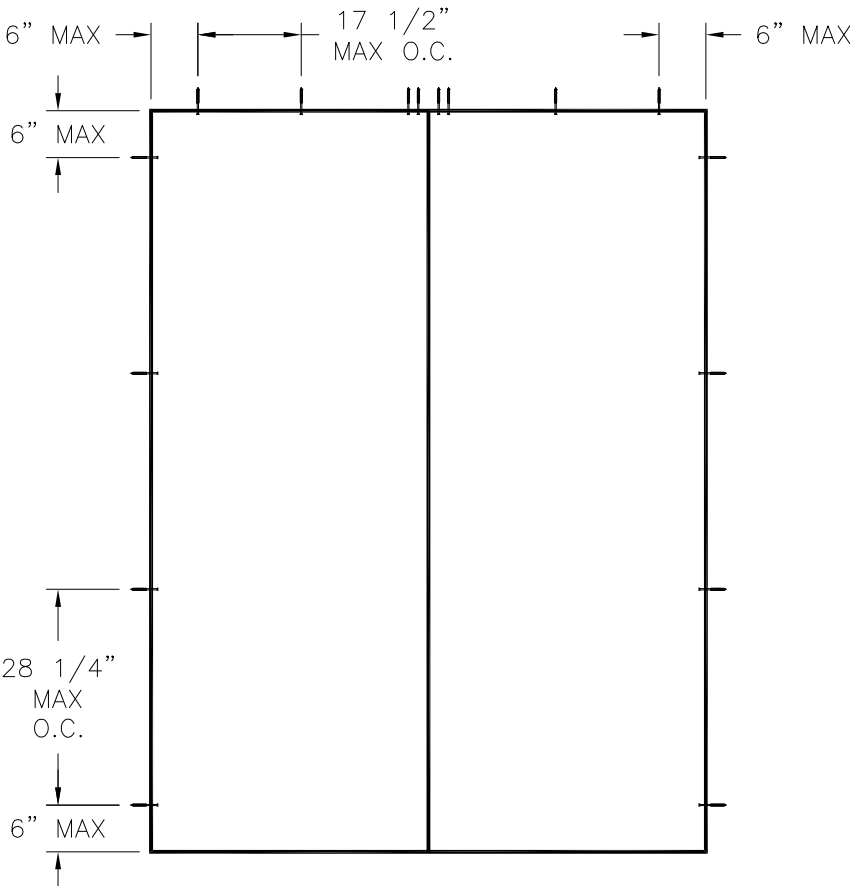


Luis R. Lomas P.E.
FL No.: 62514

BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	J5A	FRAME	RWD	MAHOGANY
2	SL5A	SILL FRAME	RWD	MAHOGANY
3	A3.25	STILE	RWD	MAHOGANY
4	A3.25A	STILE	RWD	MAHOGANY
5	A2.37	PANEL FRAME	RWD	MAHOGANY
6	GSA	GLASS STOP	RWD	MAHOGANY
7	AS1.7	ASTRAGAL INTERIOR	RWD	MAHOGANY
8	AS1.7A	ASTRAGAL EXTERIOR	RWD	MAHOGANY
9	SN1.7	SILL NOSING	RWD	MAHOGANY
10	CA3	CASING	RWD	MAHOGANY
11	NEW ALUM EXT	ALUMINUM EXTRUSION	NOVA	ALUMINUM 6063-T5
12	CMAB-1	ANGLE MOUNTING BRACKET	RWD	ALUMINUM 6063-T5
13	CMV-1	MOUNTING BRACKET	RWD	ALUMINUM 6063-T5
14	125PBA-4.5X4.5	HINGE	MERIT	BRASS
15	12ISBU53A	SURFACE BOLT	RWD	STAINLESS STEEL
16	RF47302SSU-FD	STRIKER LATCH & DEADBOLT	ACCURATE LOCK	STAINLESS STEEL
17	8773331	HANDLE	HOPPE	STAINLESS STEEL
18	90065A199	#8X1" FH SHEET METAL SCREW	MCMASTER CARR	18-8 SS
19	90294A199	#8X3/4" FH SHEET METAL SCREW	MCMASTER CARR	18-8 SS
20	60606	PRO WEEP	ASHLAND	ALUMINUM 6063-T5
21	WS24-B	SILICONE WEATHERSTRIP	RCT	SILICONE
22	60-DURO-B	WEATHER SEAL	IND-EX INC	60 DUROMETER
23	6116-WH-1875	GLAZING TAPE 1/6"X3/16"	LAMATEK	FOAM
24	6116-WH-375	GLAZING TAPE 1/16"X3/8"	LAMATEK	FOAM
25	995	STRUCTURAL CAULK	DOW CORNING	SILICONE
26	92408A201	#8X1-1/4" OH SCREW	RWD	BRASS
27	8778847	MULTI-POINT LOCK	HOPPE	STAINLESS STEEL



SINGLE DOOR ANCHORING LAYOUT
FRAME INSTALLATION



DOUBLE DOOR ANCHORING LAYOUT
FRAME INSTALLATION

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OUT-SWING IMPACT
B.O.M.

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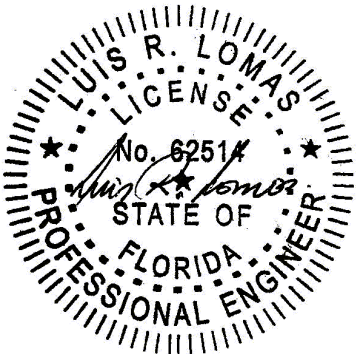
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SHEET 7 OF 22

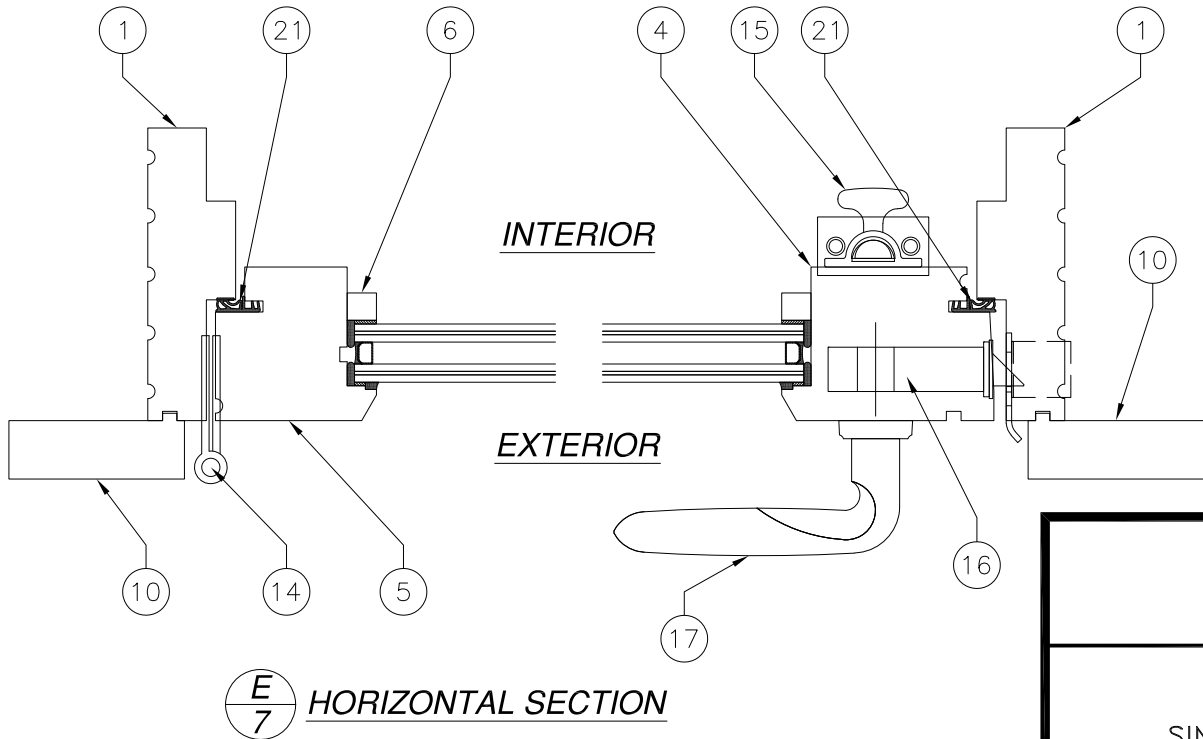
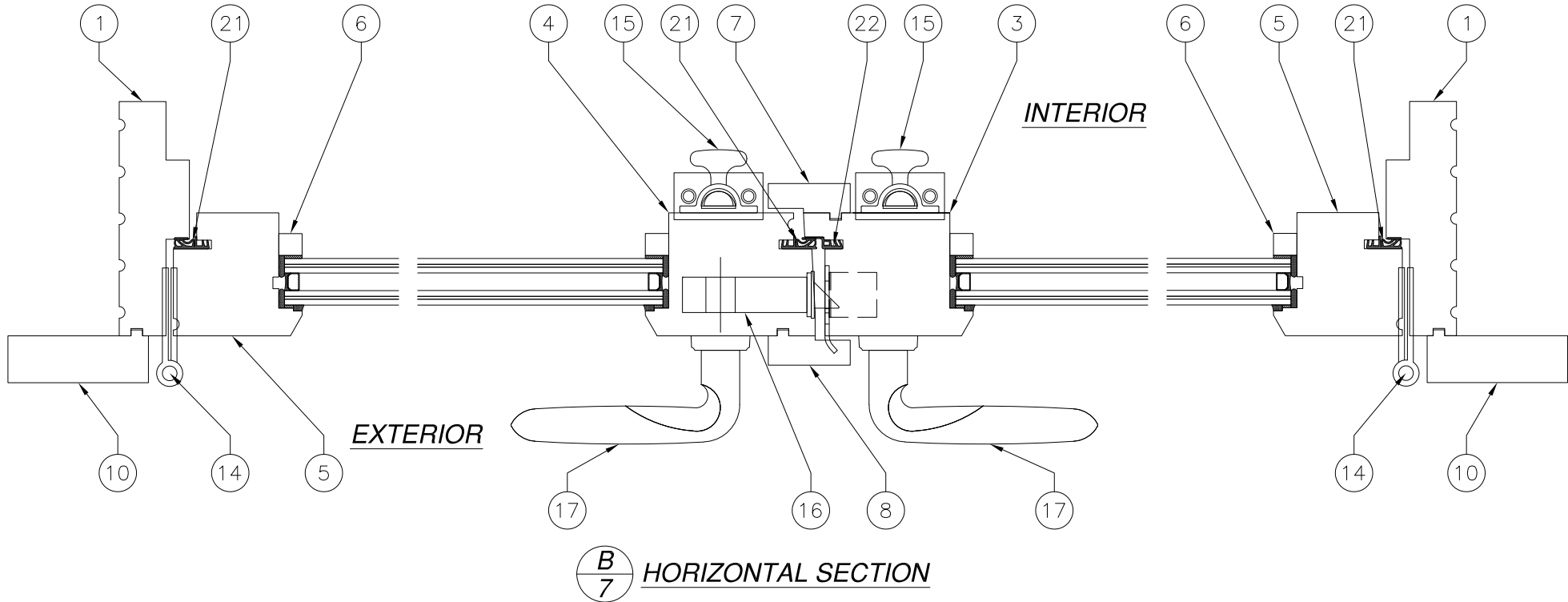
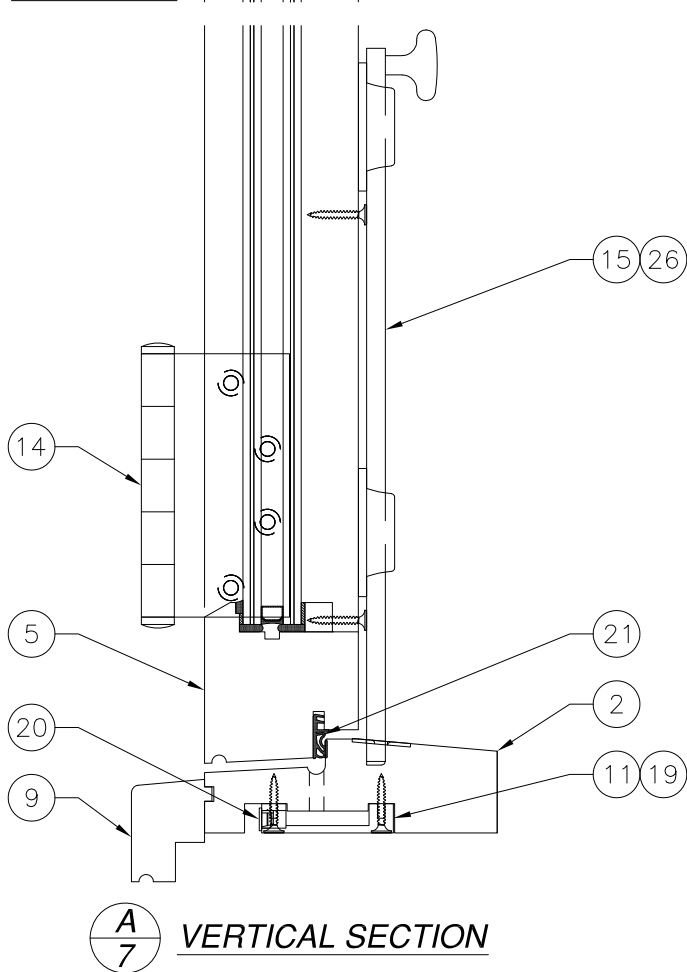
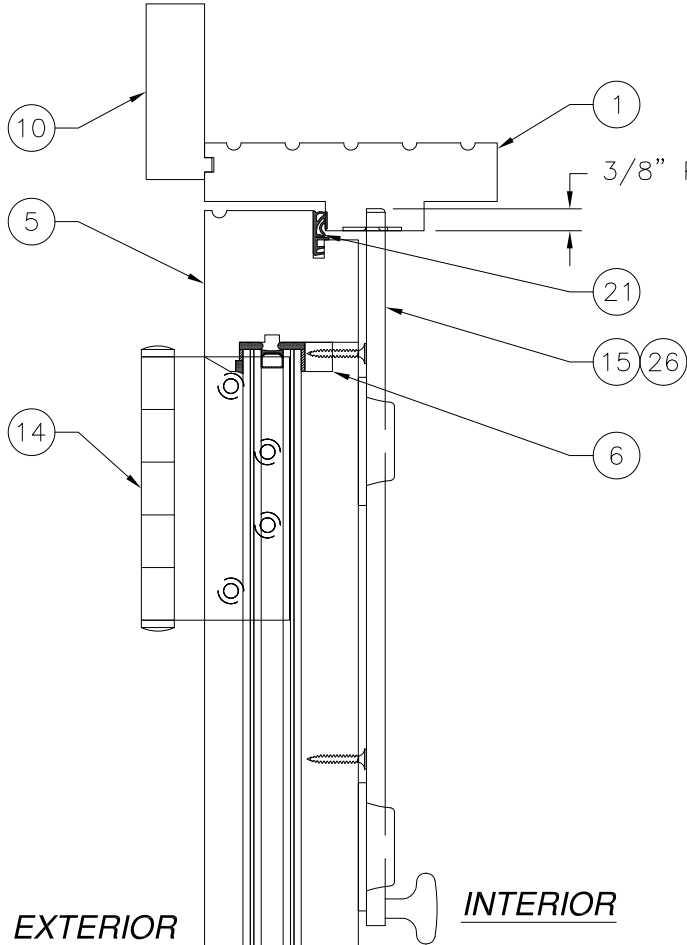
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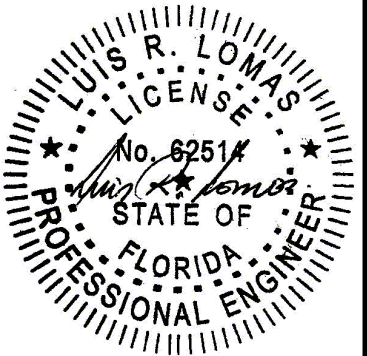
FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 10 - 21

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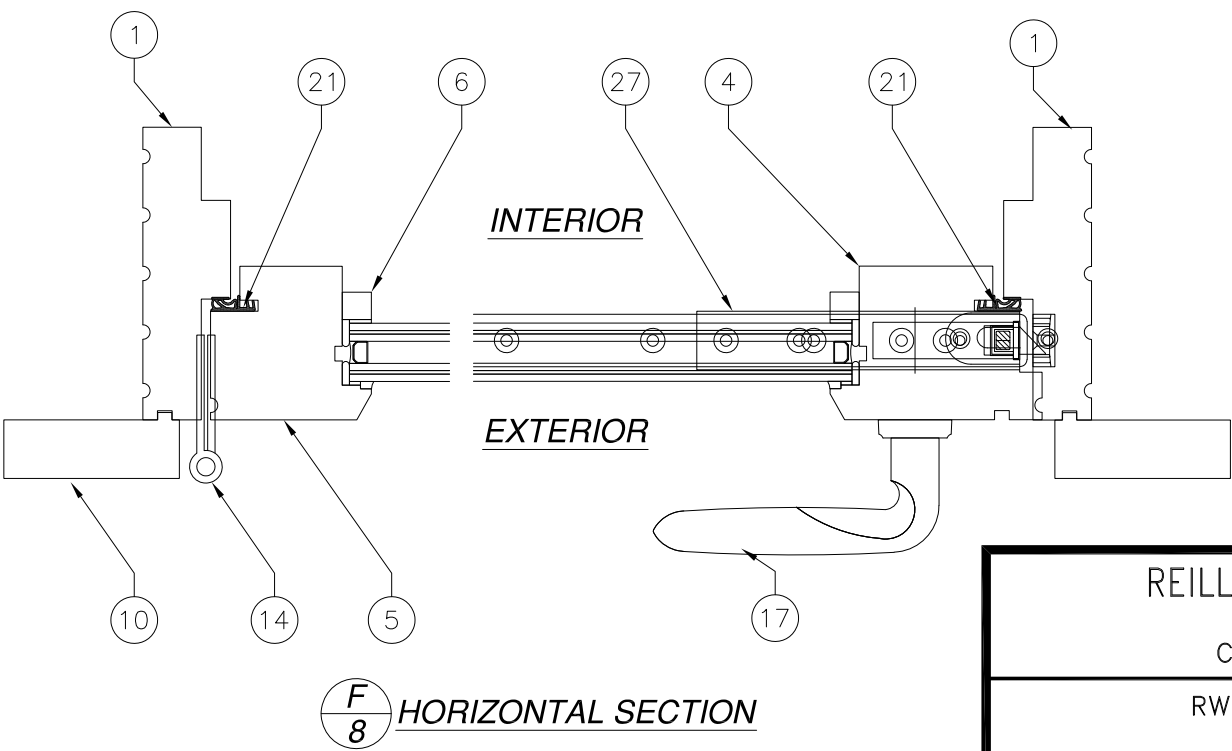
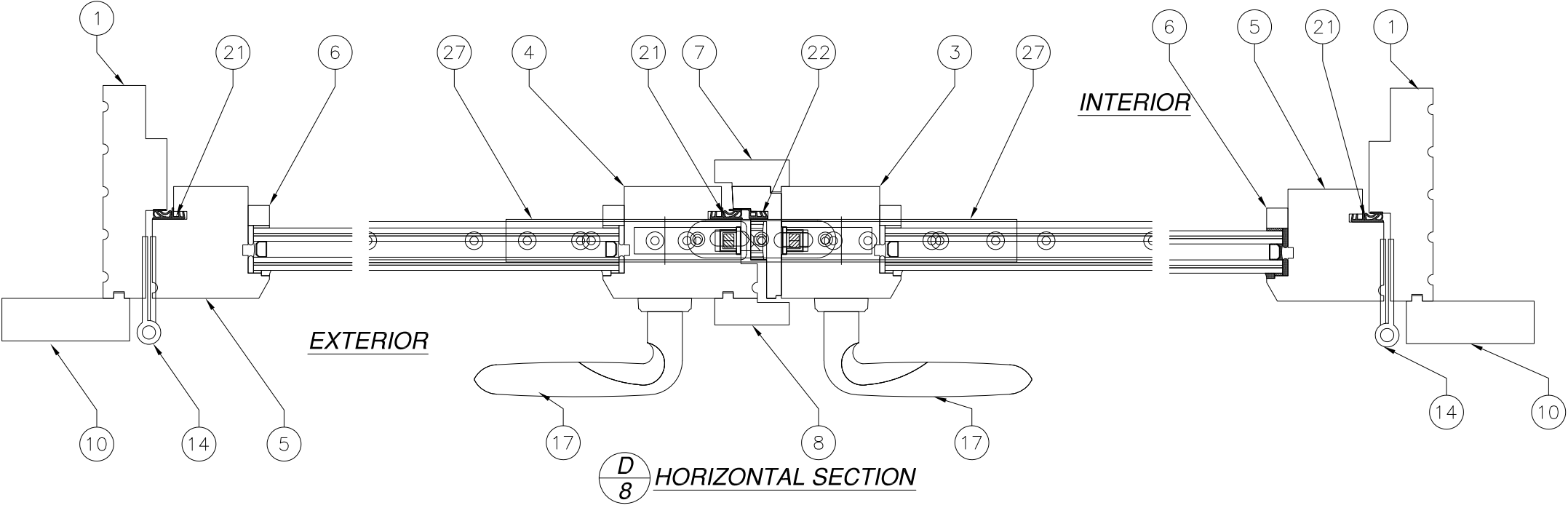
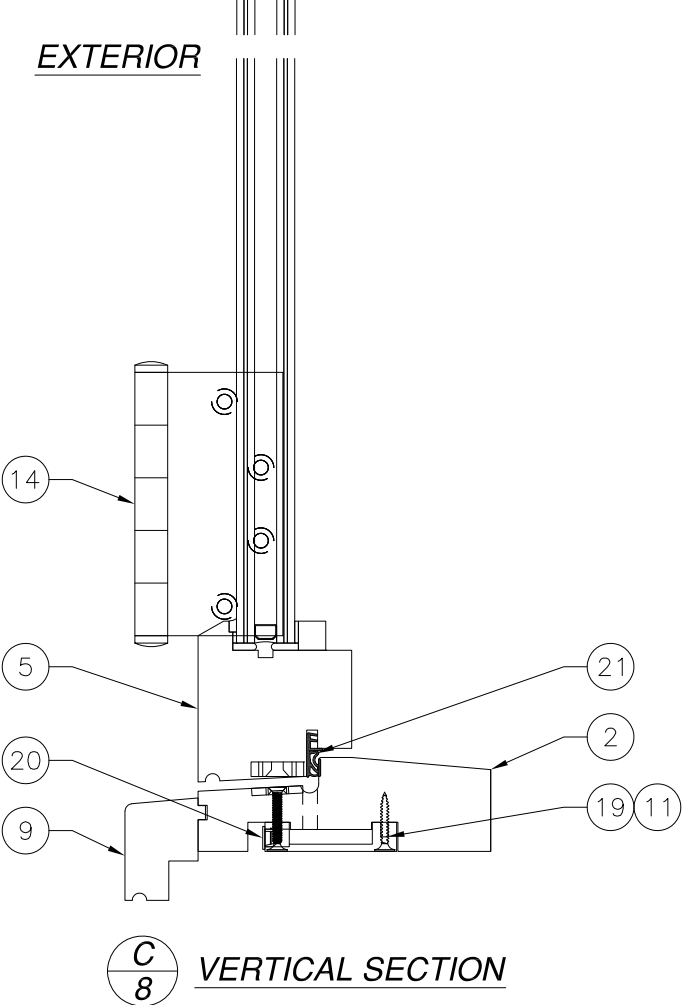
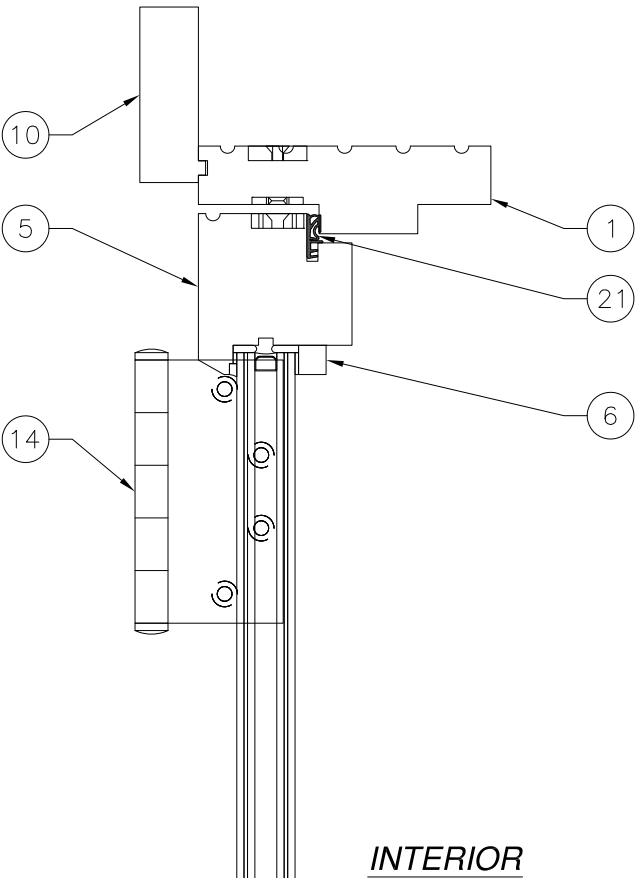
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT SINGLE POINT LOCK CROSS SECTIONS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 8 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.

FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 10 - 21



SIGNED: 08/13/2024

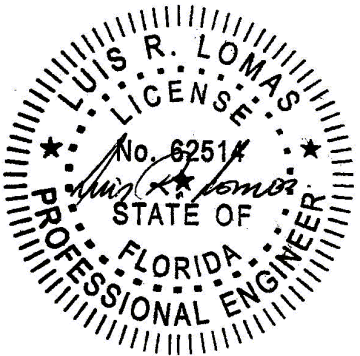
REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
MULTI POINT LOCK CROSS SECTIONS

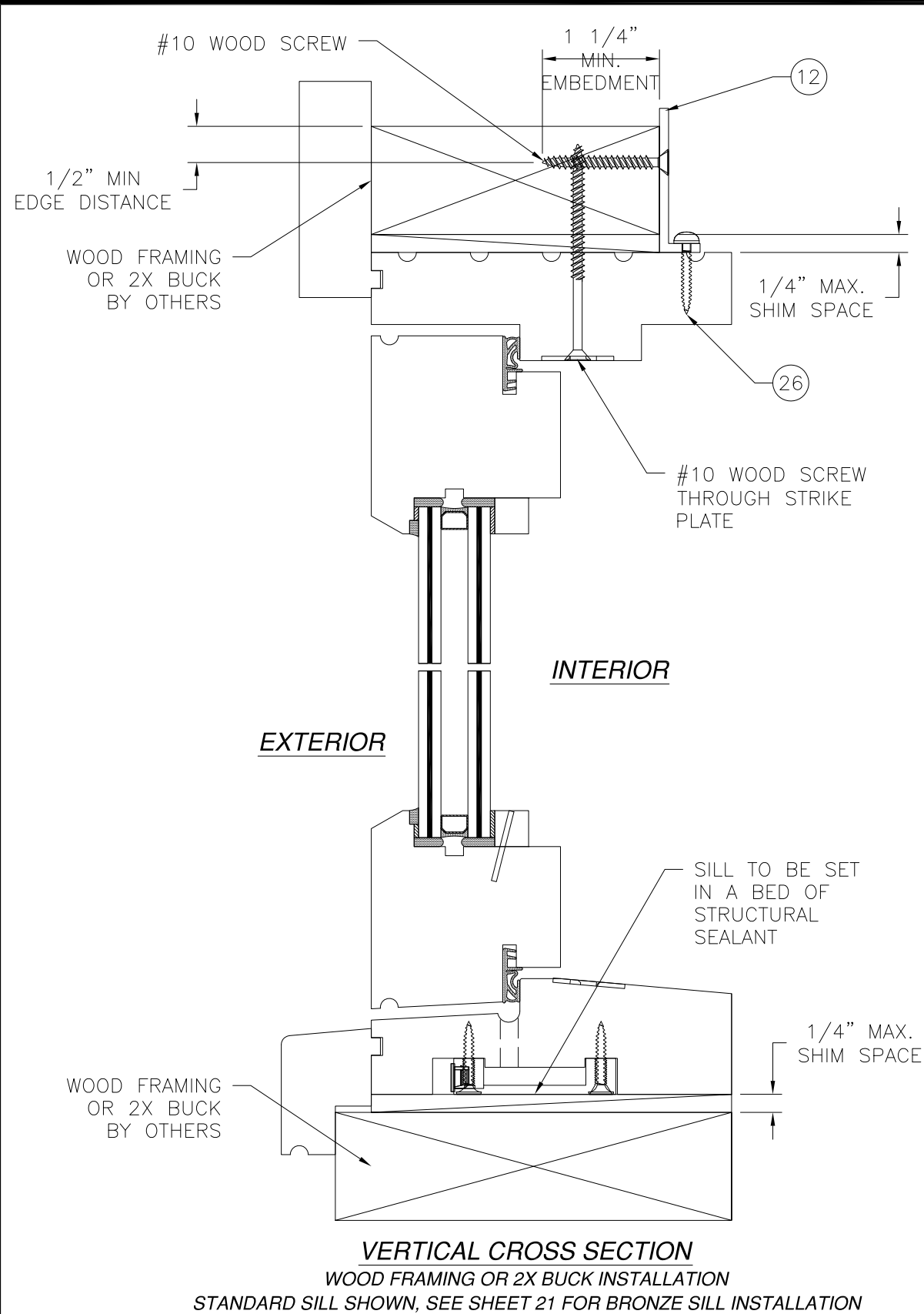
DRAWN: R.L. DWG NO. 08-03987 REV A

SCALE NTS DATE 11/15/23 SHEET 9 OF 22

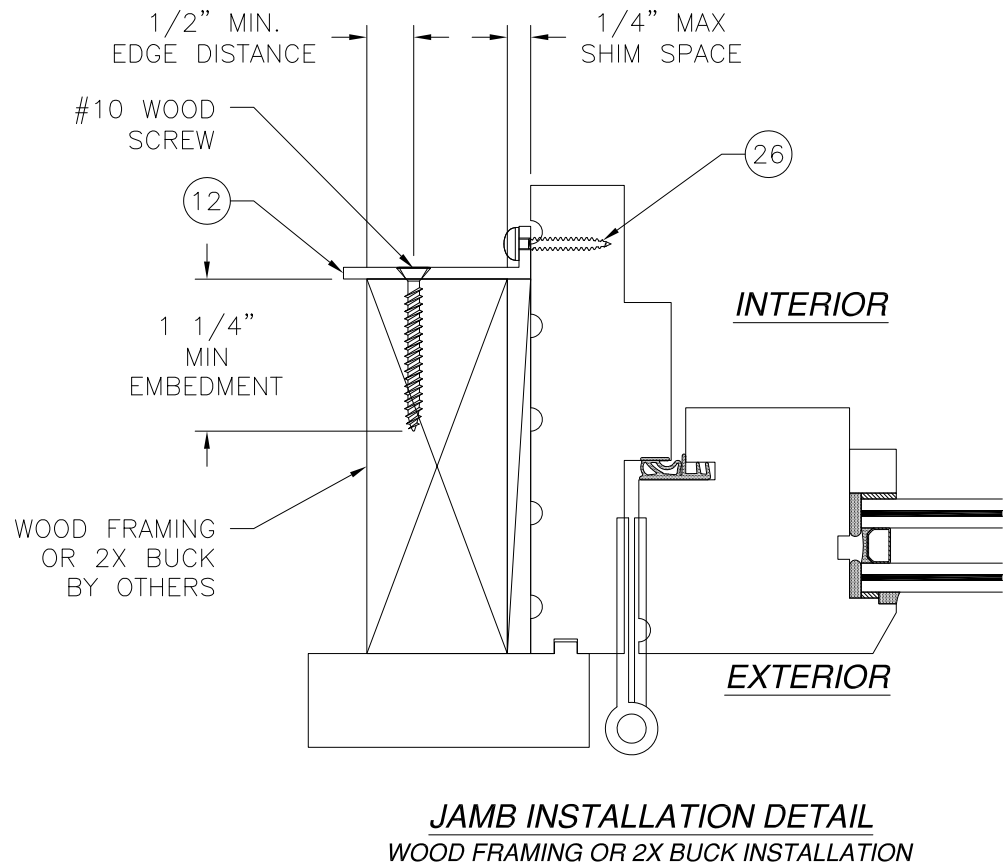
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.

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

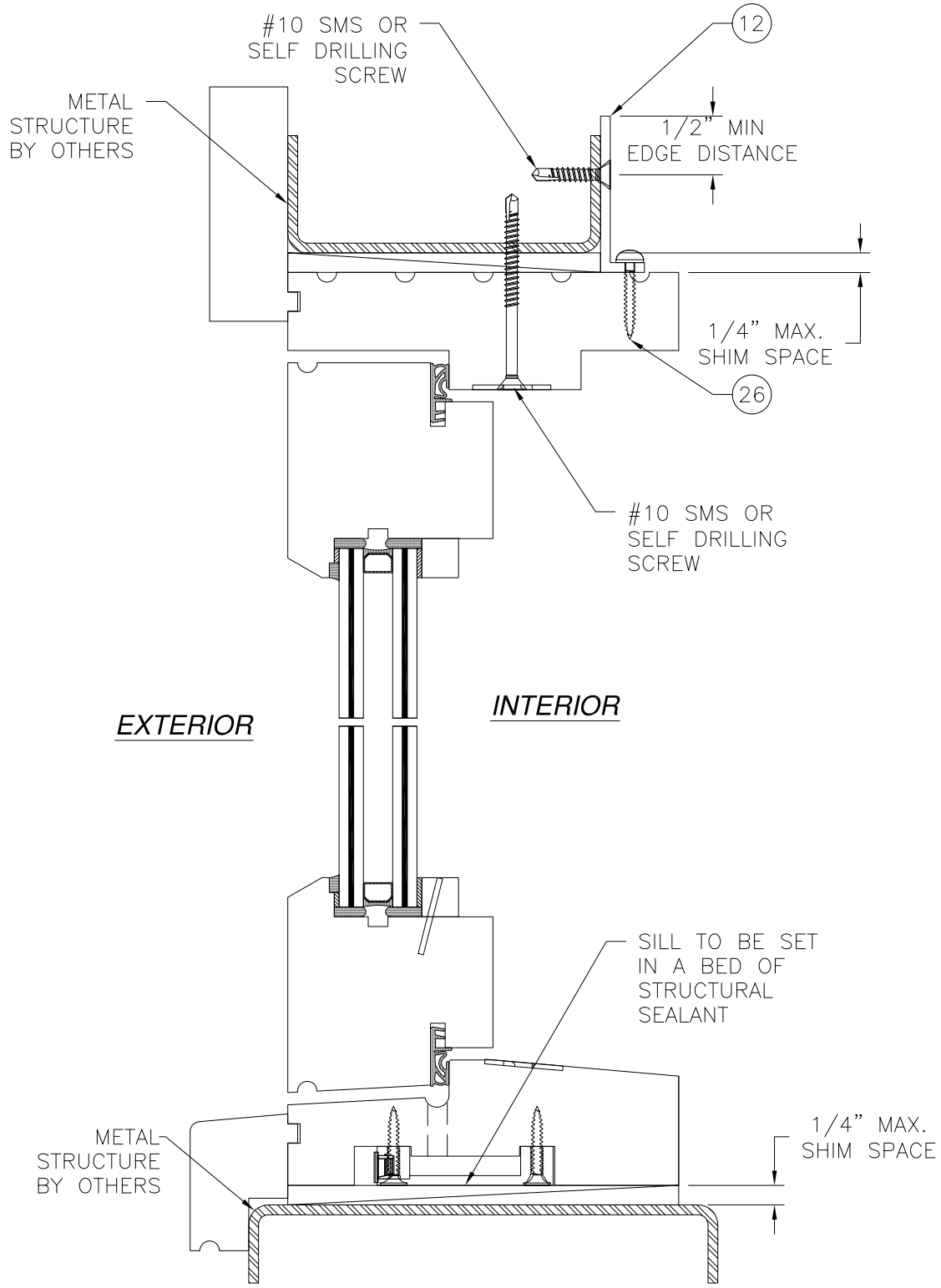
RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
ANGLE BRACKET INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 10 OF 22

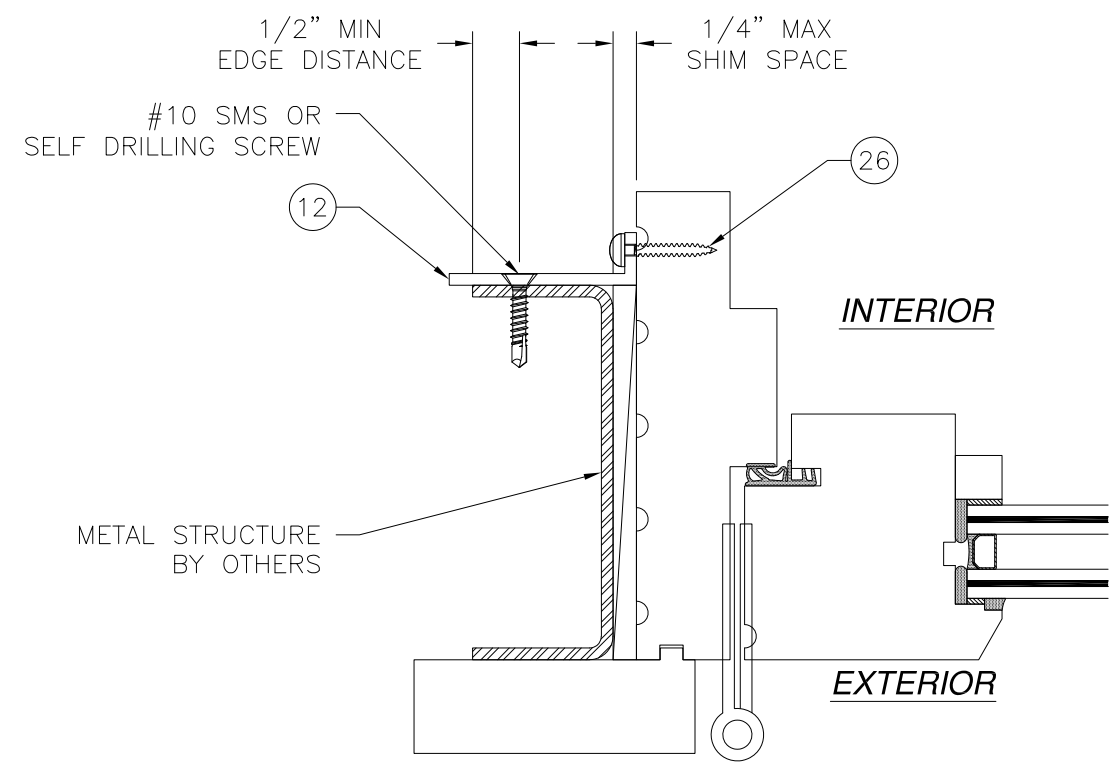
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/13/2024

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



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL 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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.

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

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
ANGLE BRACKET INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 11 OF 22

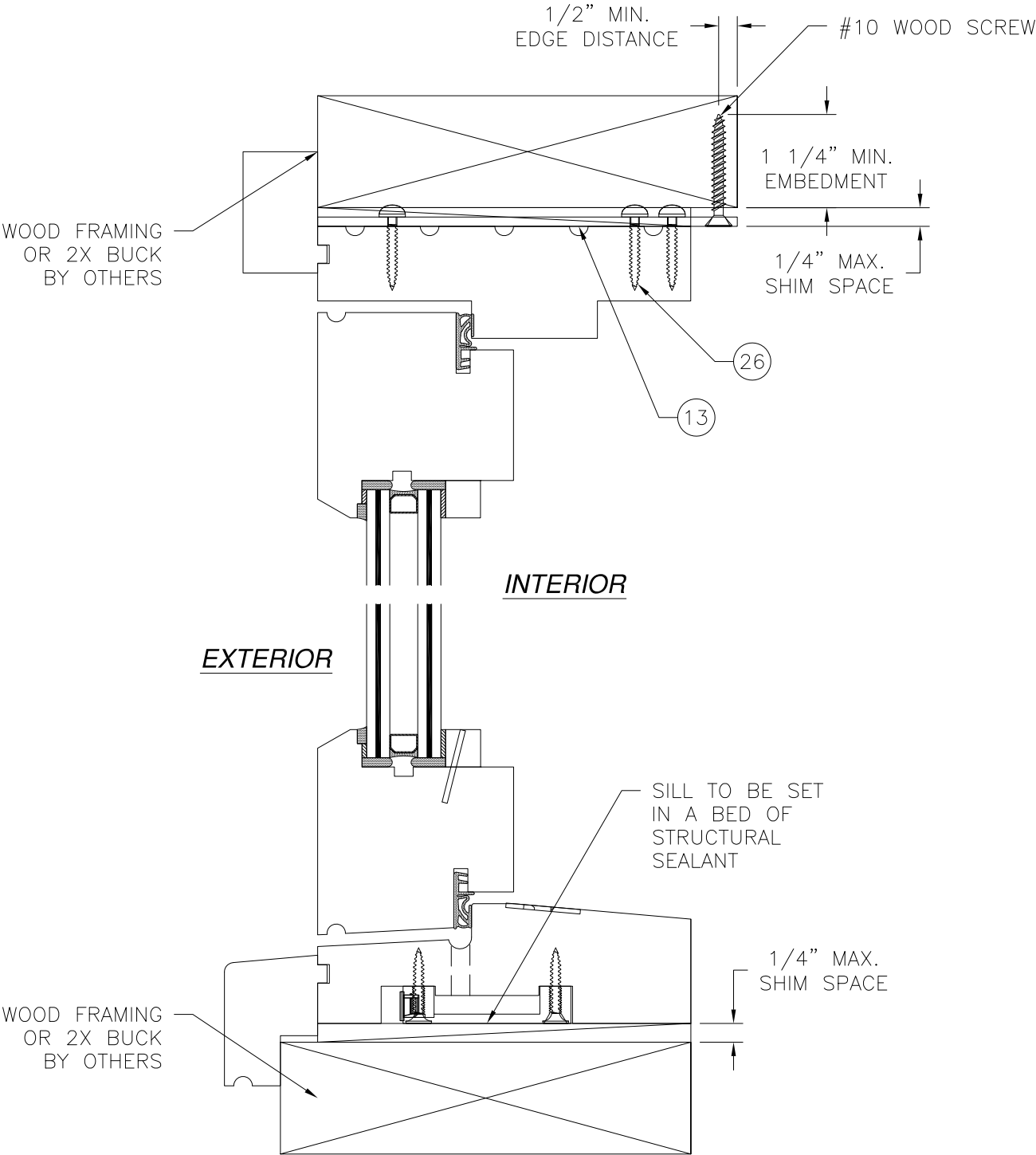
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/13/2024

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

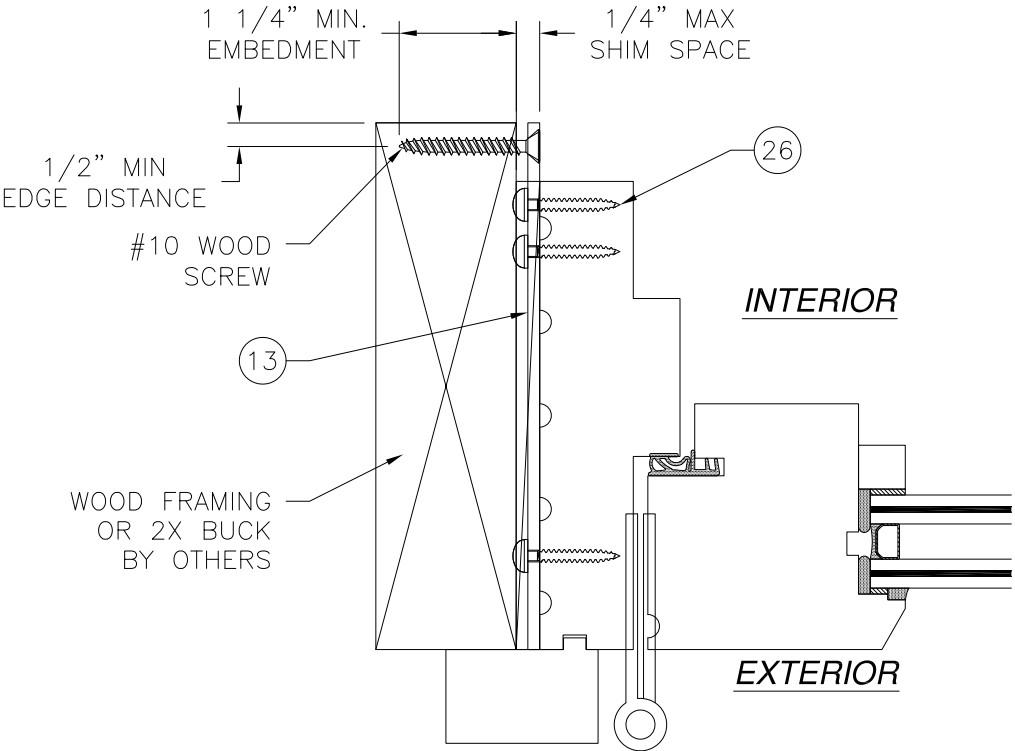
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL 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
WOOD FRAMING OR 2X BUCK INSTALLATION

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

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
BRACKET INSTALLATION DETAILS

DRAWN:
R.L.

DWG NO.
08-03987

REV
A

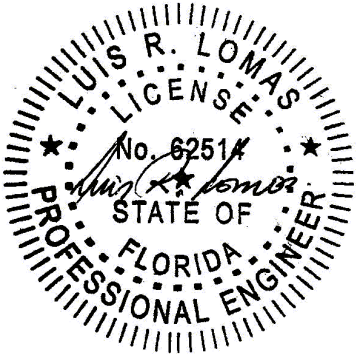
SCALE
NTS

DATE
11/15/23

SHEET
12 OF 22

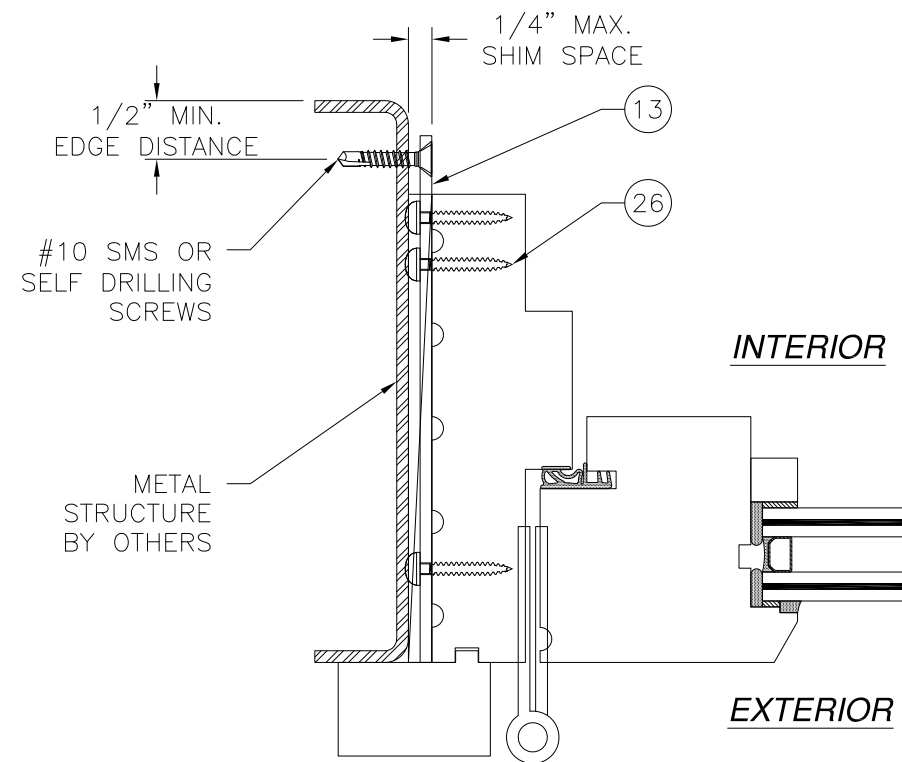
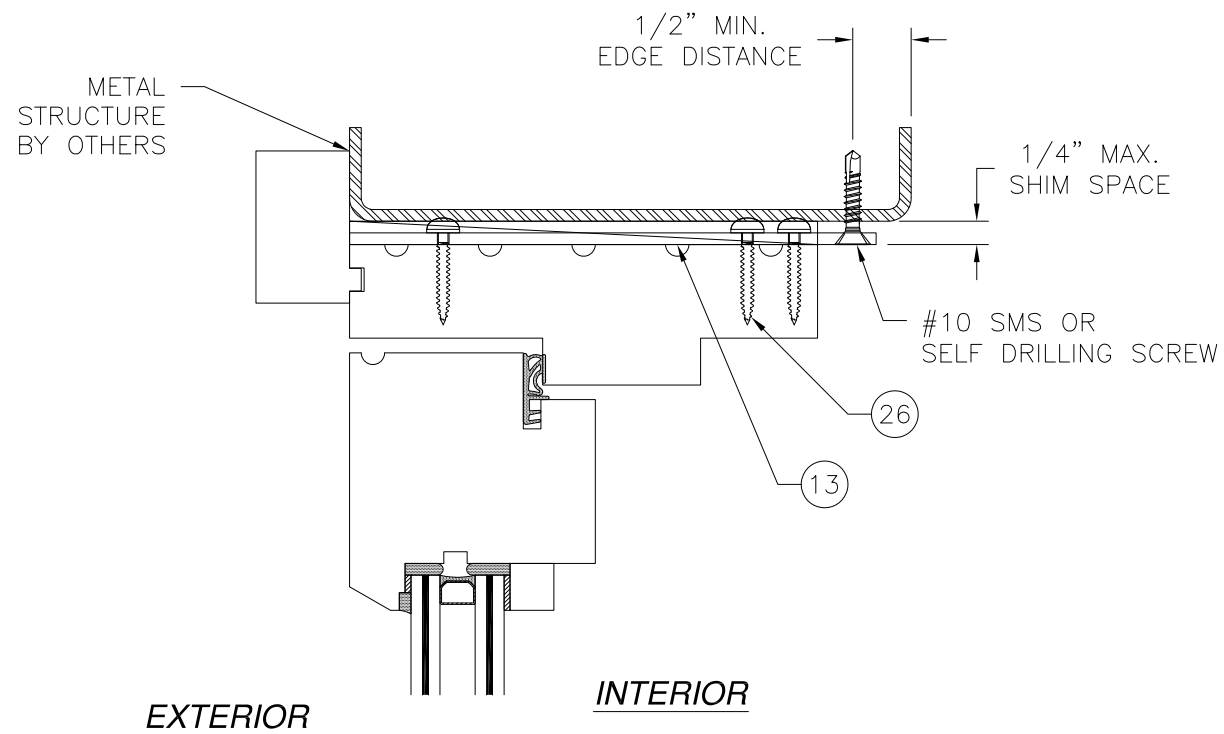
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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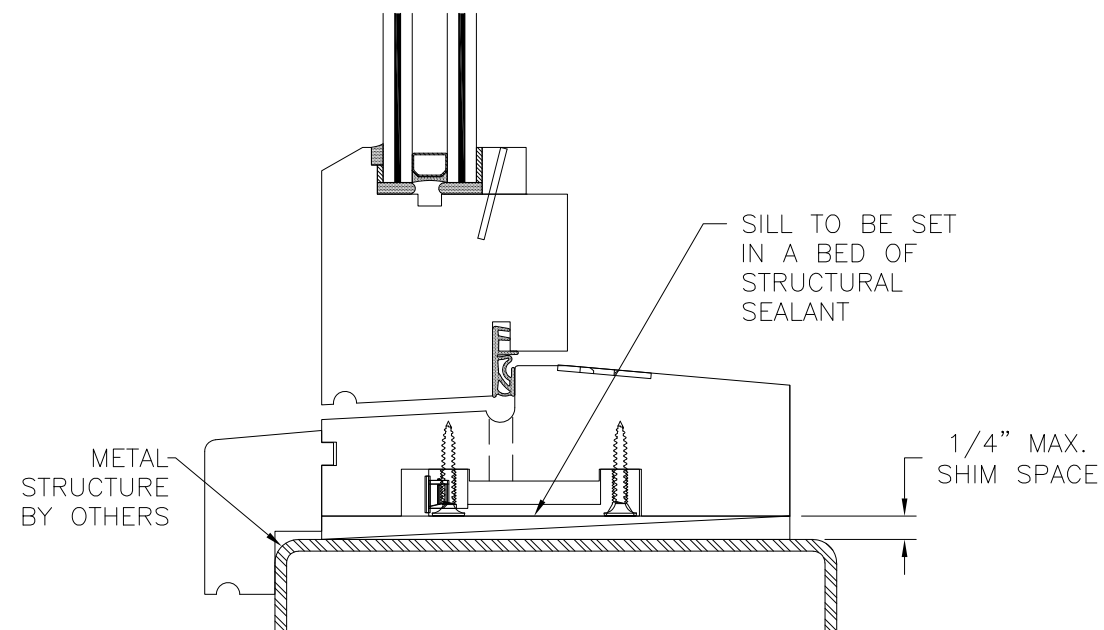


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FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL 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

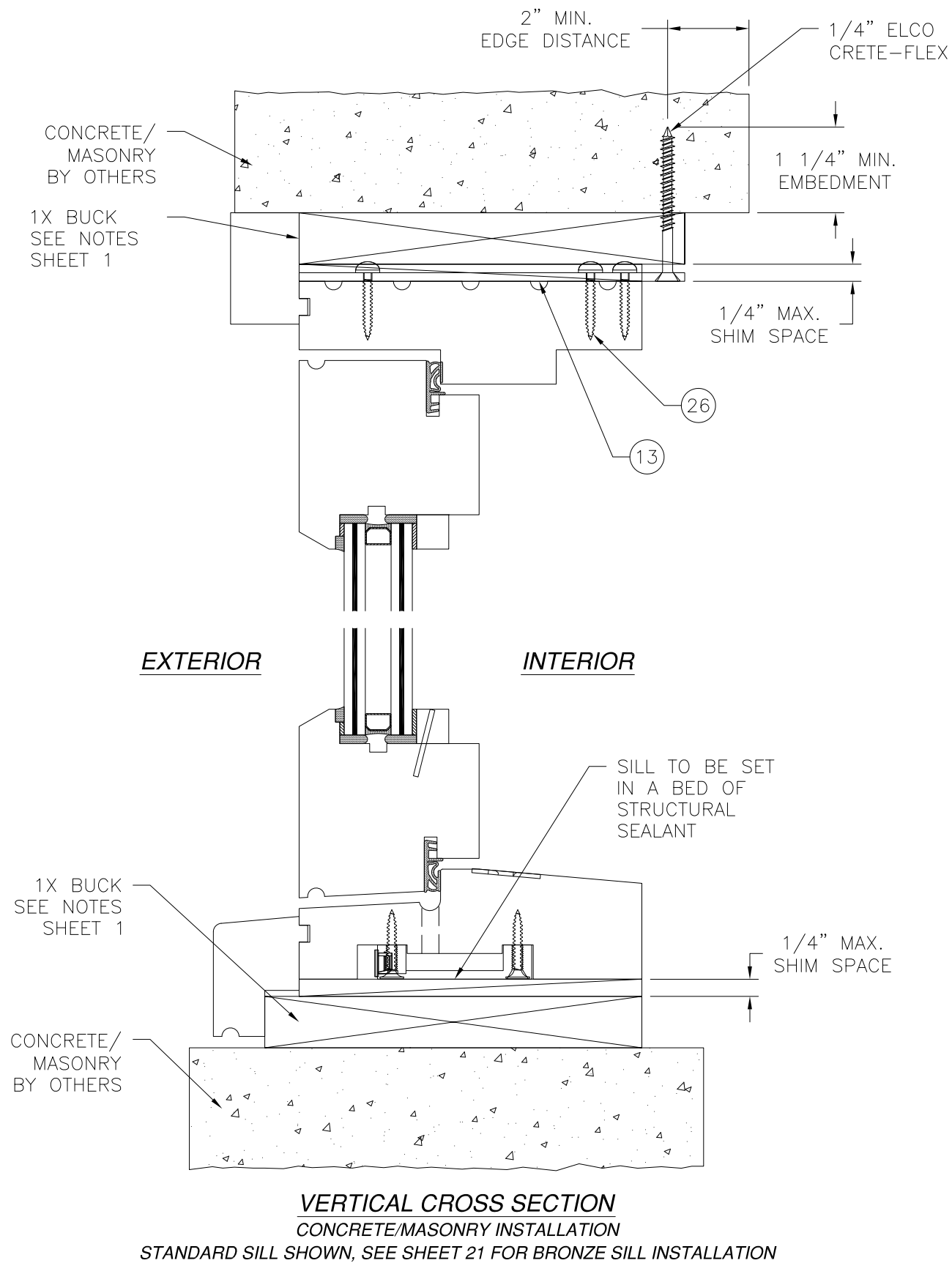
SIGNED: 08/13/2024

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT BRACKET INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 13 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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

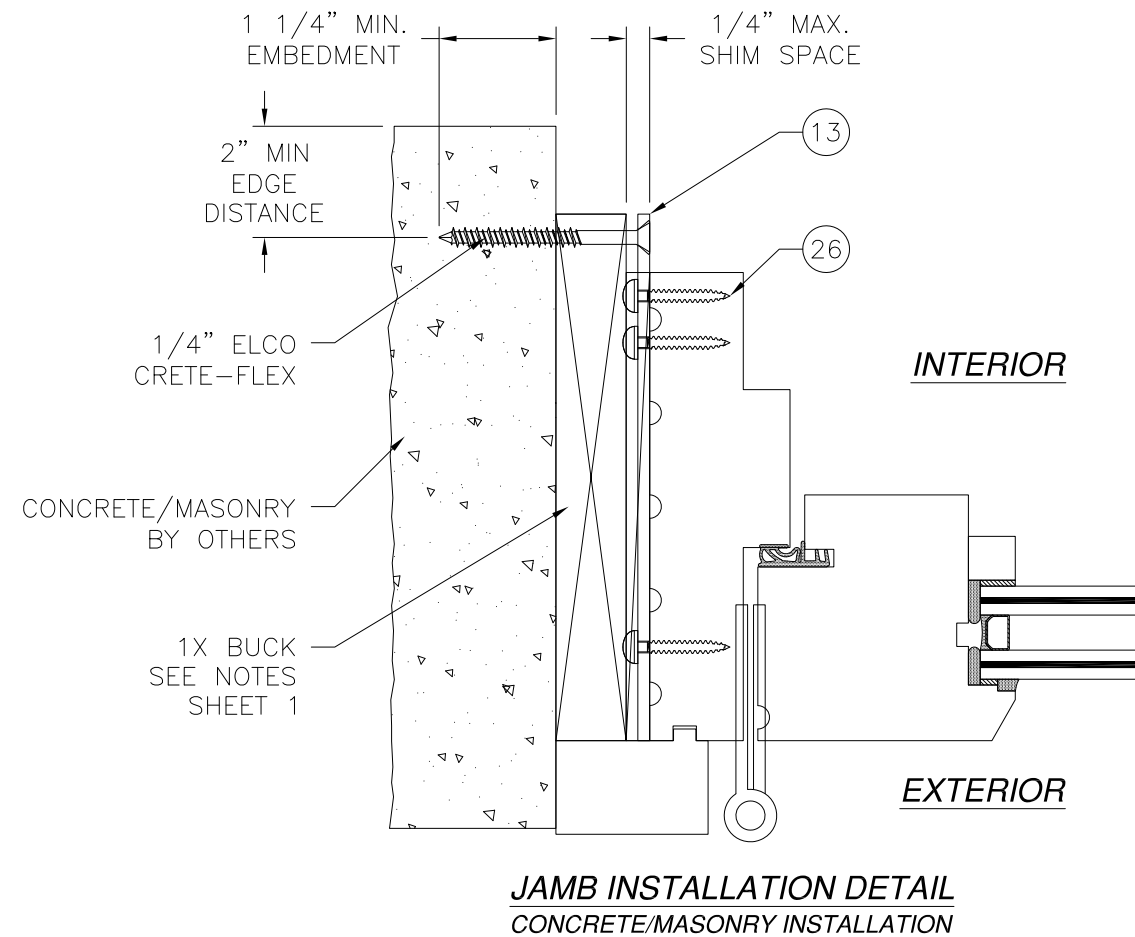
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
 STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL 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



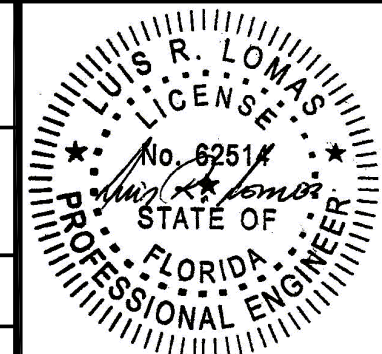
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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

RWD WOOD FRENCH DOOR
 OUT-SWING IMPACT
 BRACKET INSTALLATION DETAILS

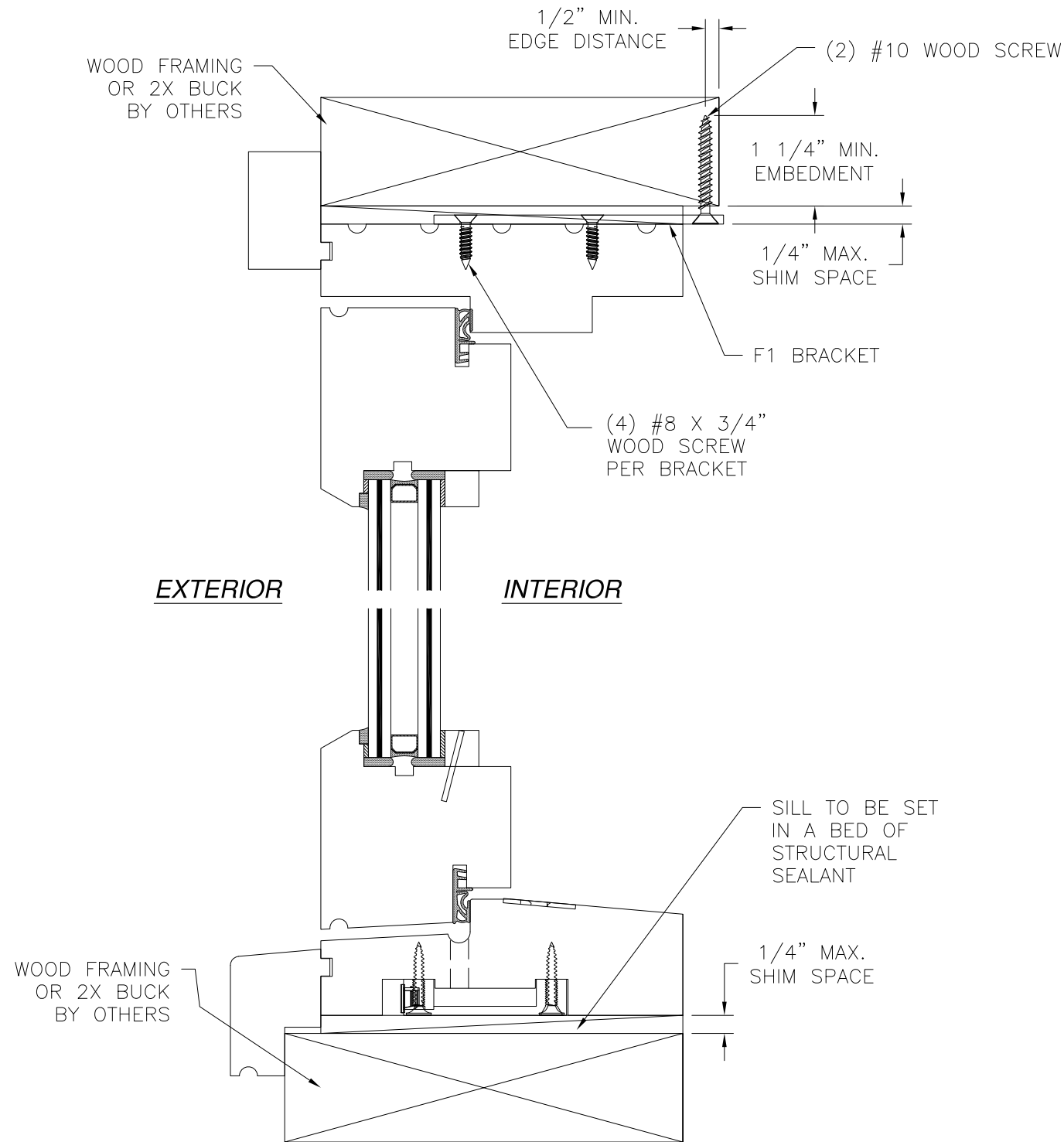
DRAWN: R.L.		DWG NO. 08-03987		REV A
SCALE NTS	DATE 11/15/23	SHEET 14 OF 22		
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com				

SIGNED: 08/13/2024



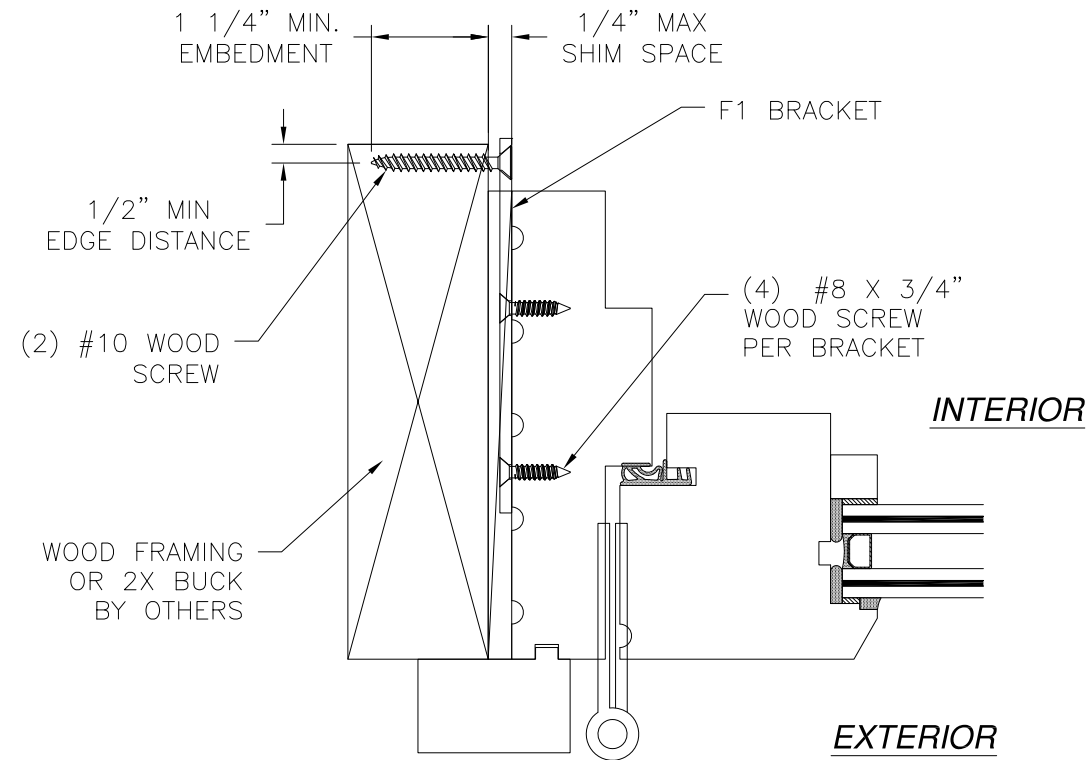
Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL INSTALLATION

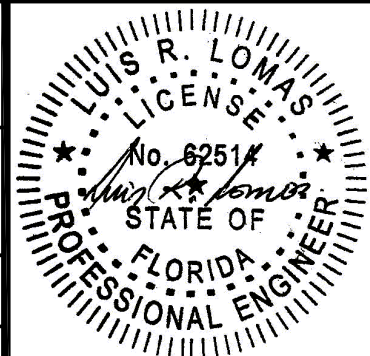
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

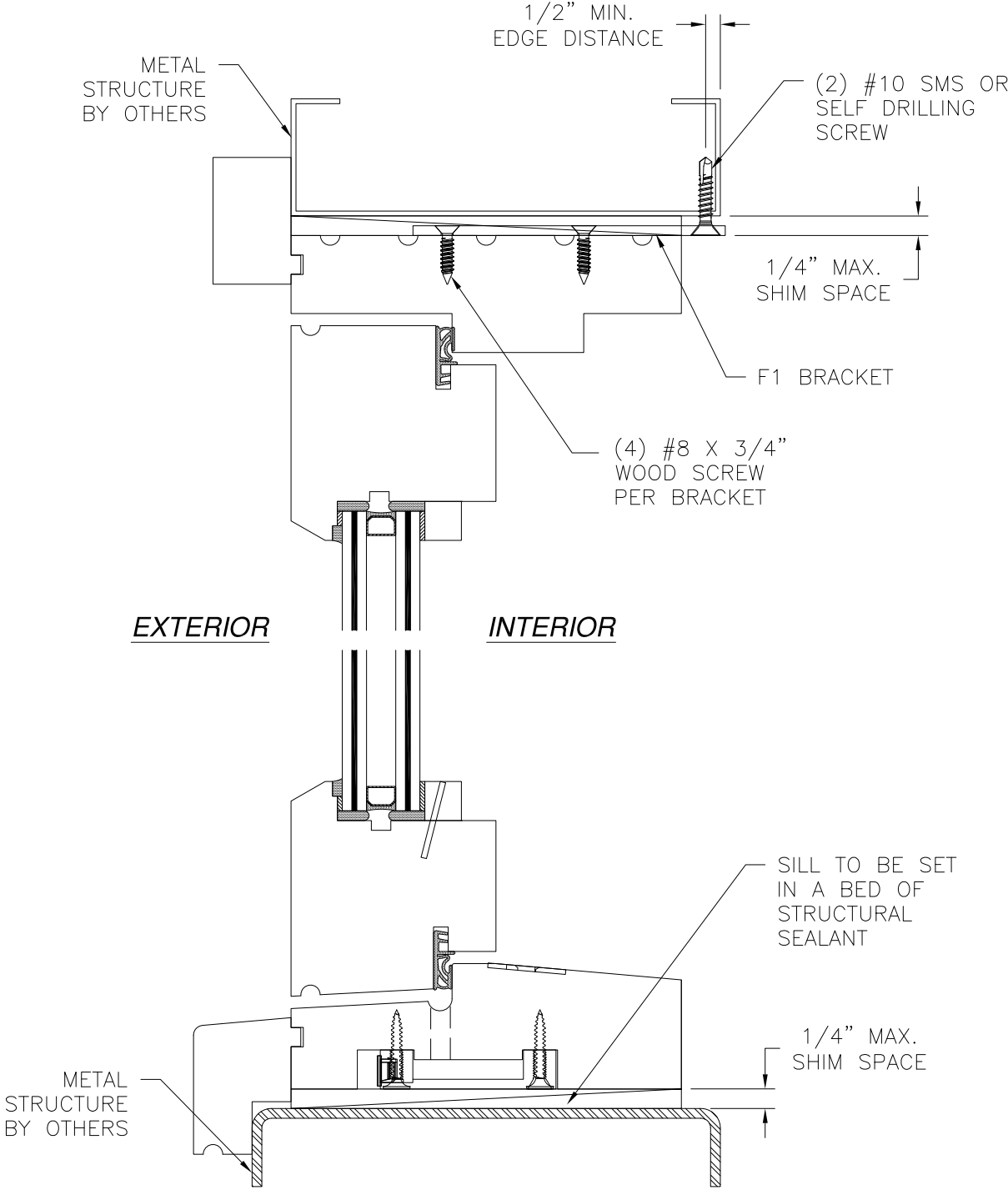
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT F1 BRACKET INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 15 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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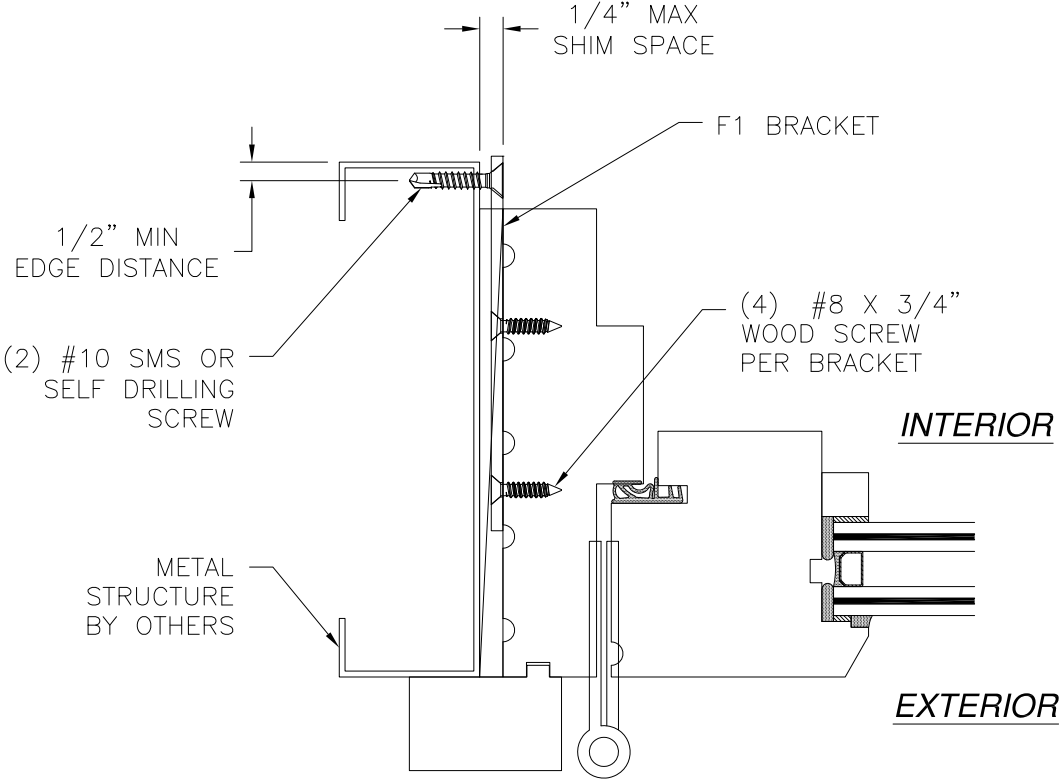


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
 STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL 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

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

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
F1 BRACKET INSTALLATIION DETAILS

DRAWN:
R.L.

DWG NO.
08-03987

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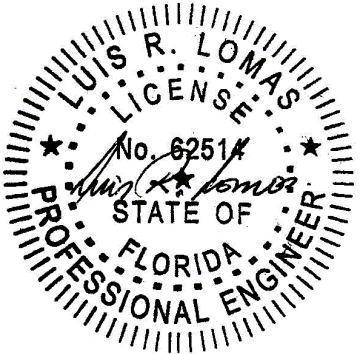
SCALE
NTS

DATE
11/15/23

SHEET
16 OF 22

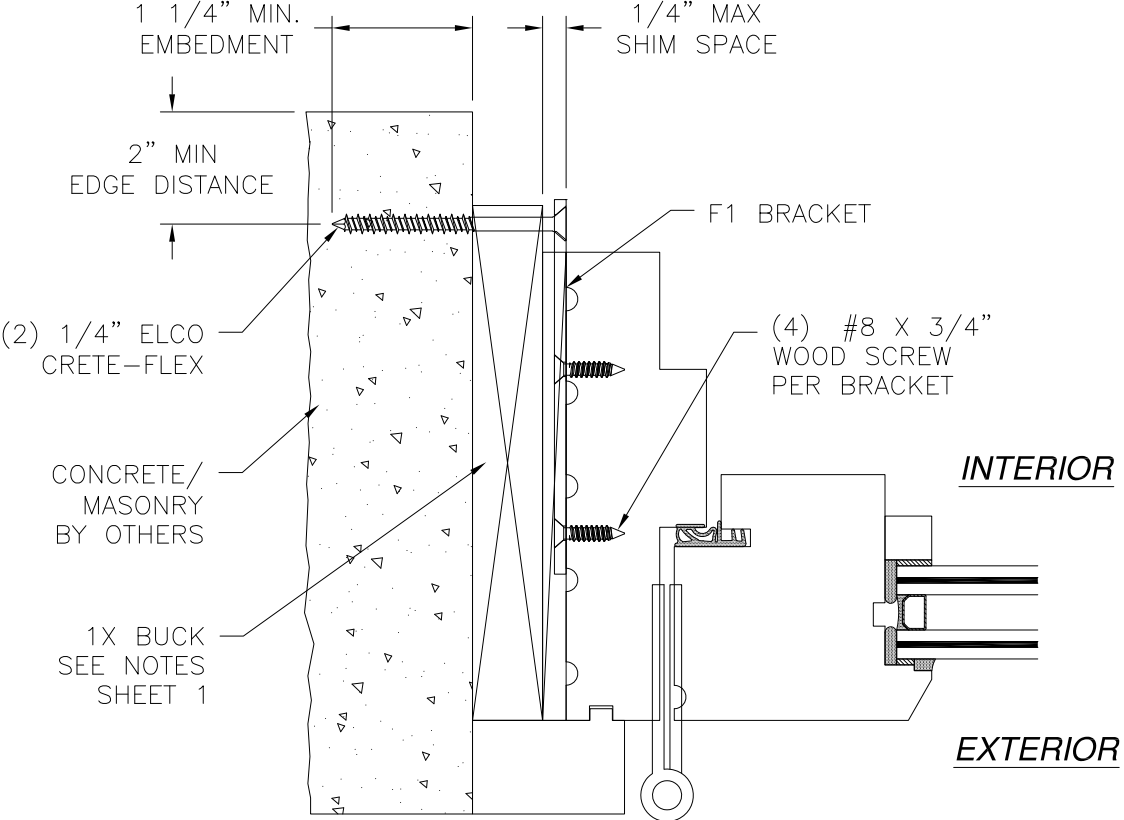
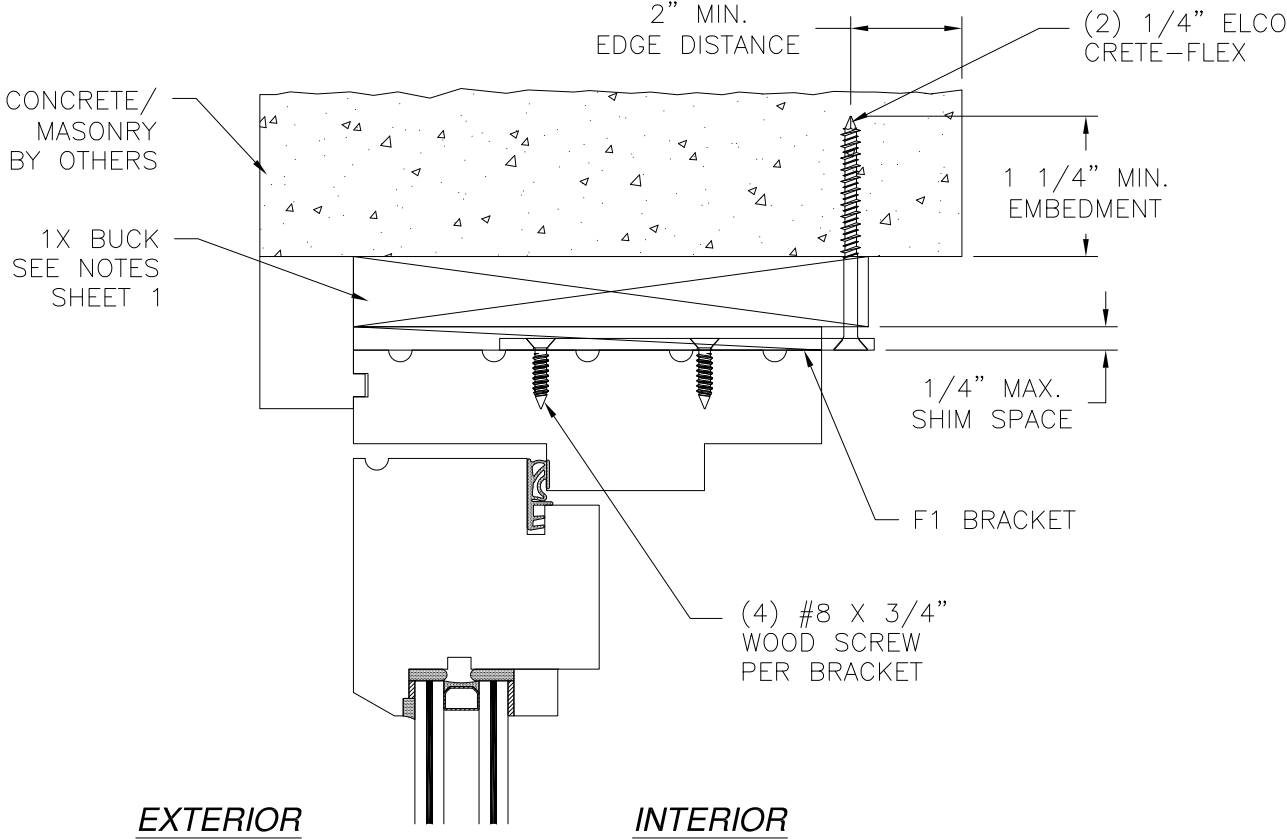
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/13/2024

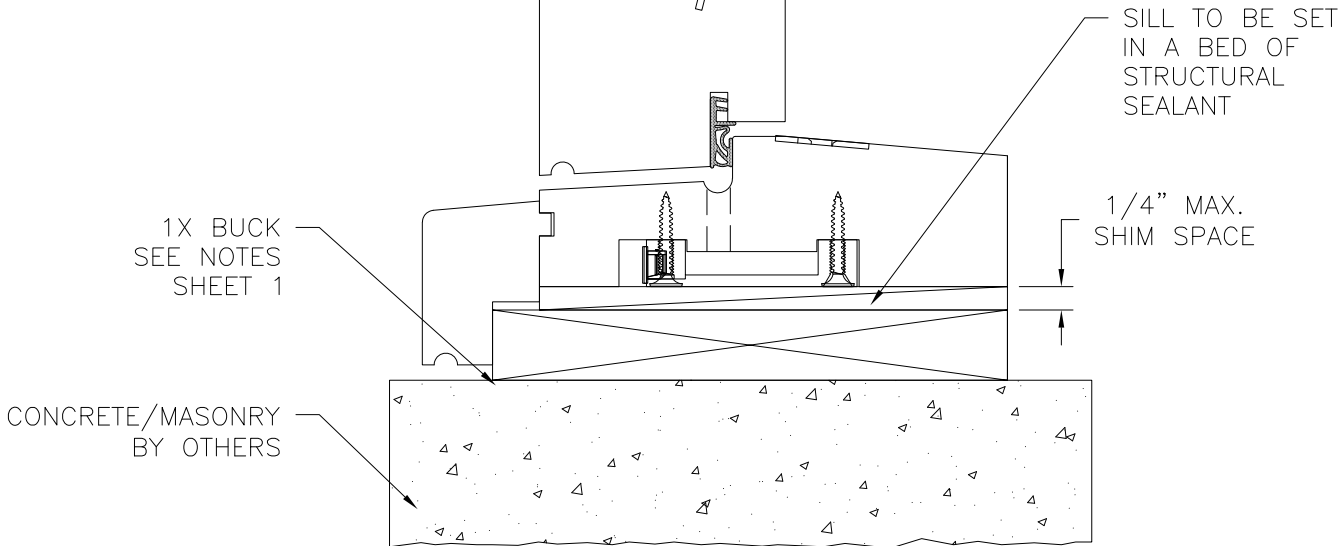


Luis R. Lomas P.E.
 FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

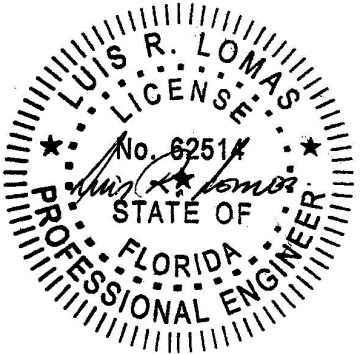


VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL INSTALLATION

- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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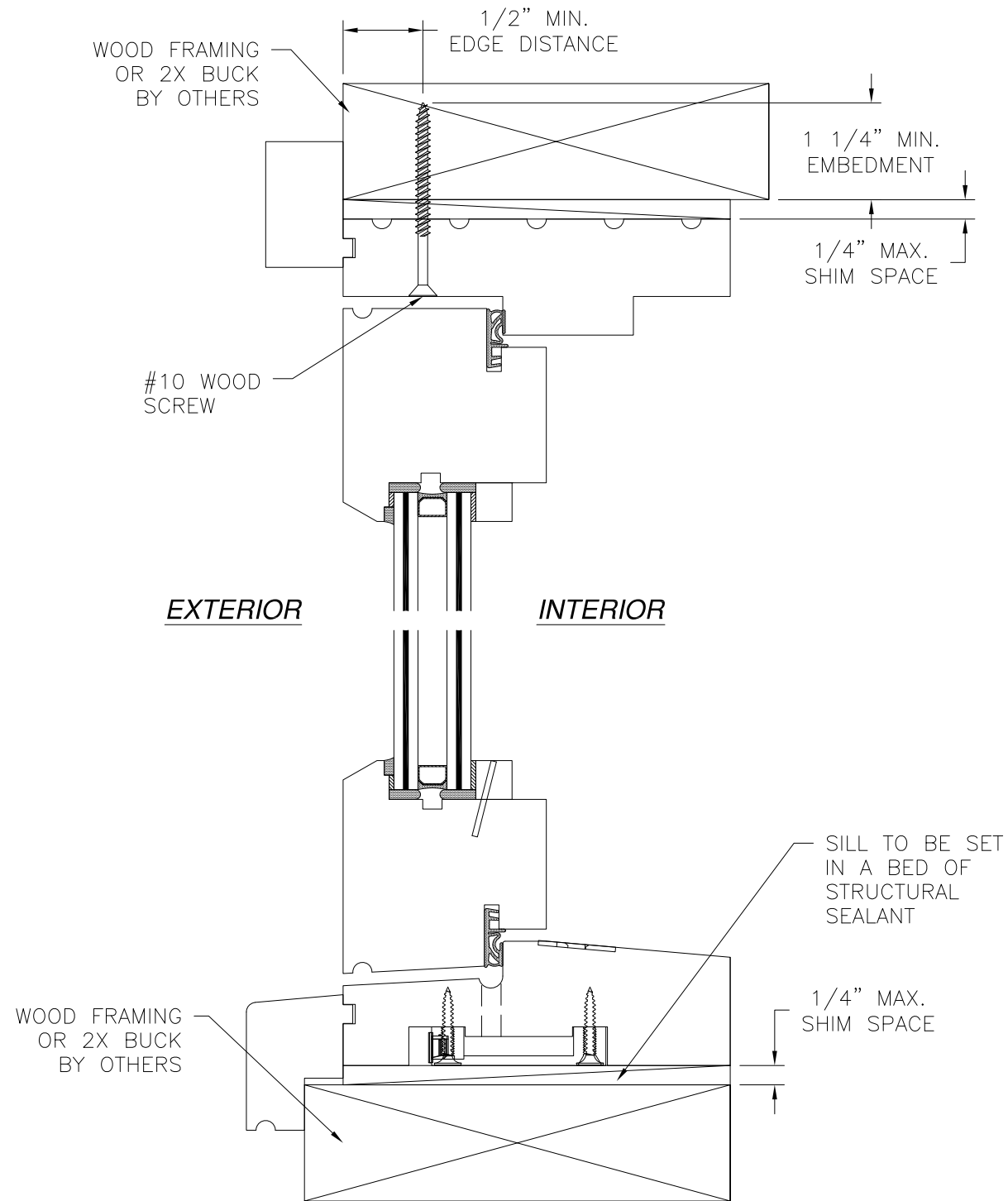
SIGNED: 08/13/2024

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT F1 BRACKET INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 17 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

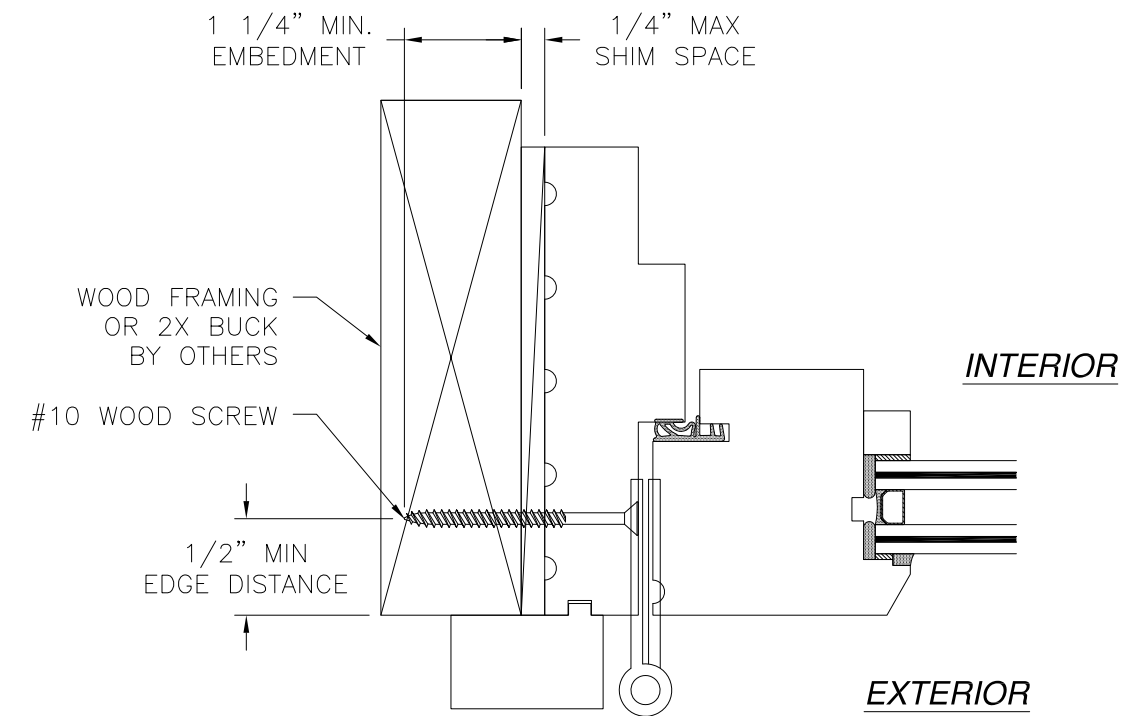


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL INSTALLATION

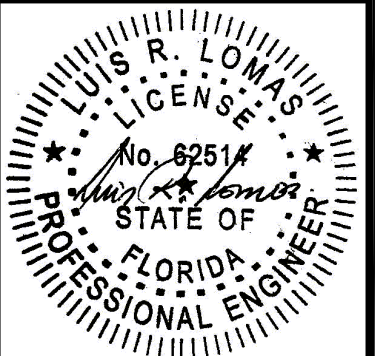


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- NOTES:
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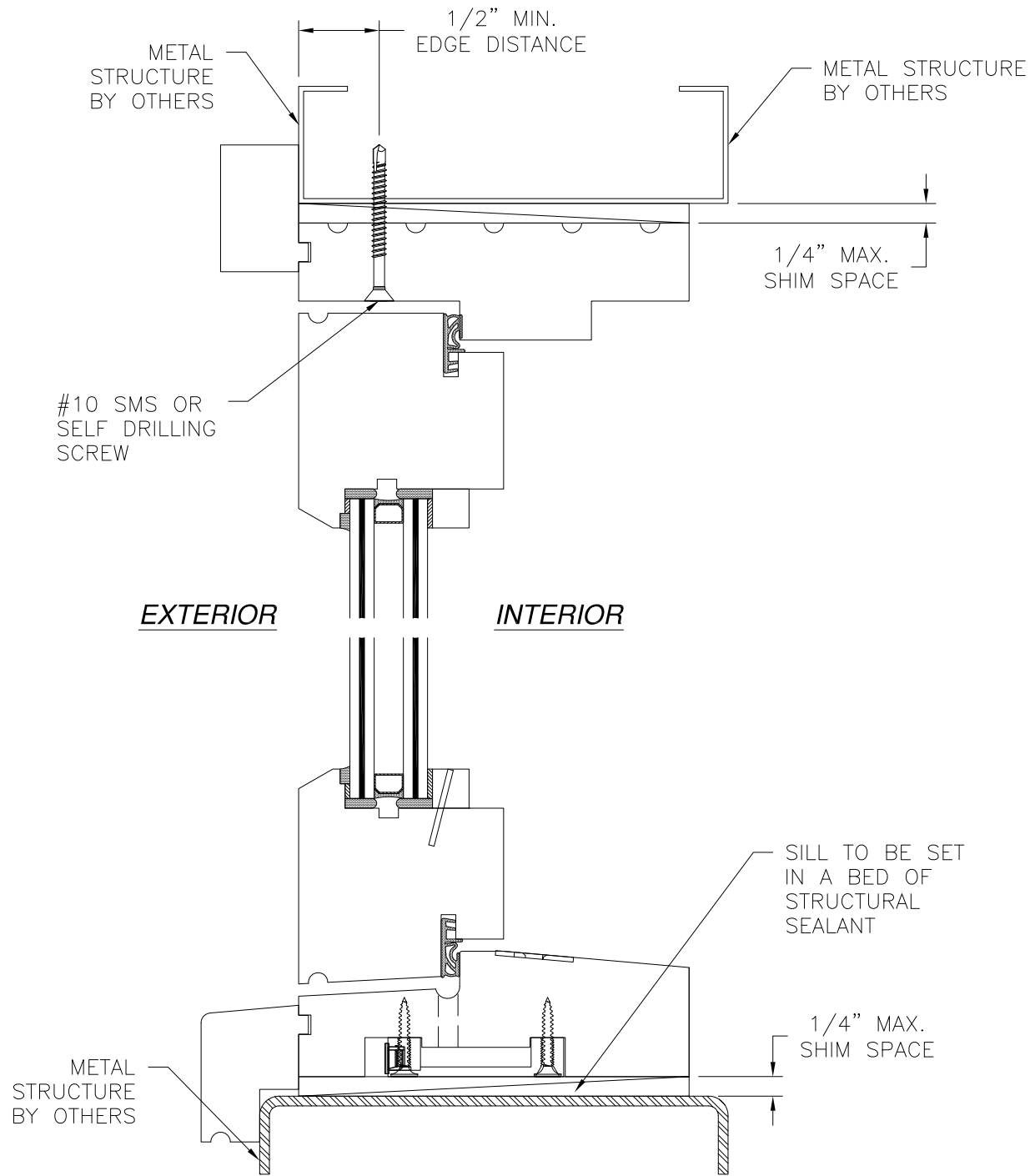
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT FRAME INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 18 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 08/13/2024

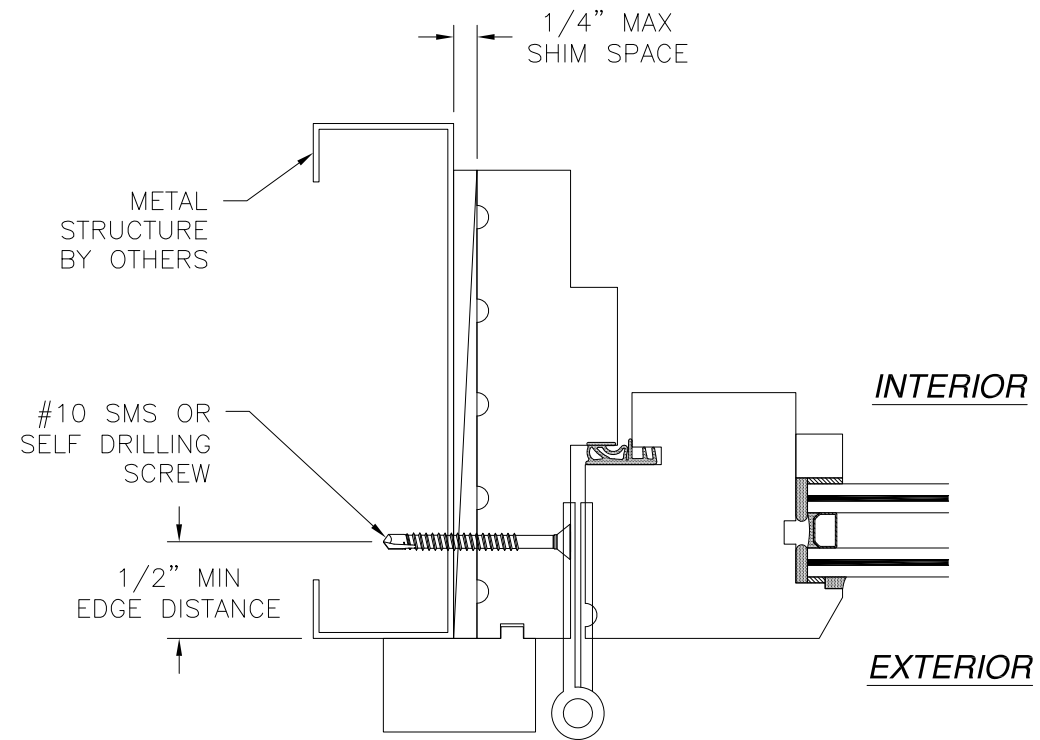


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL INSTALLATION

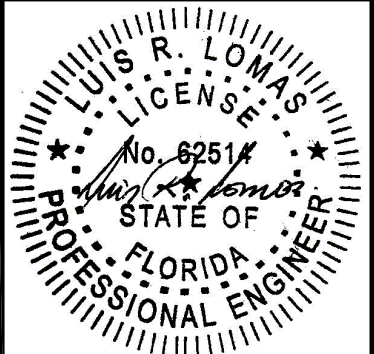


JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:
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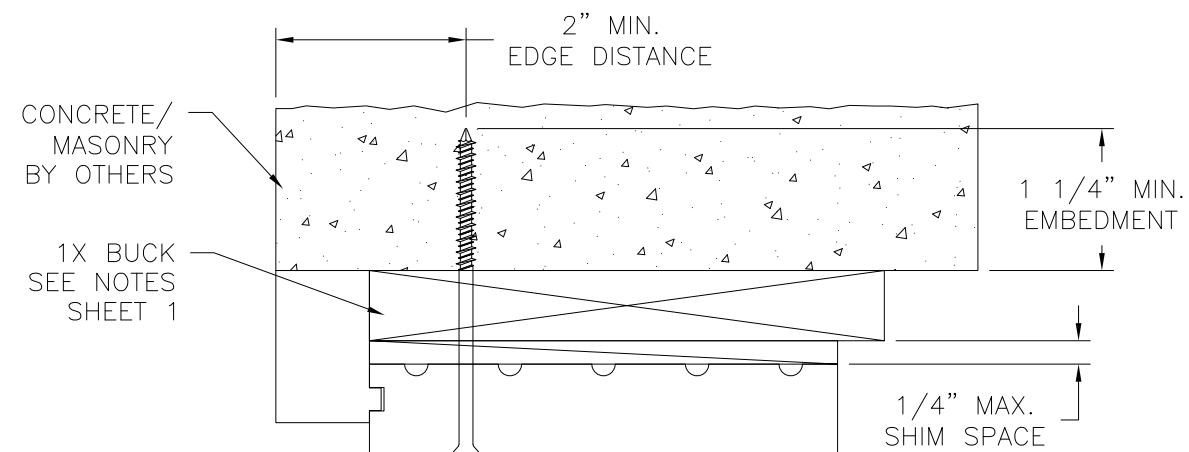
SIGNED: 08/13/2024

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT FRAME INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 19 OF 22
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

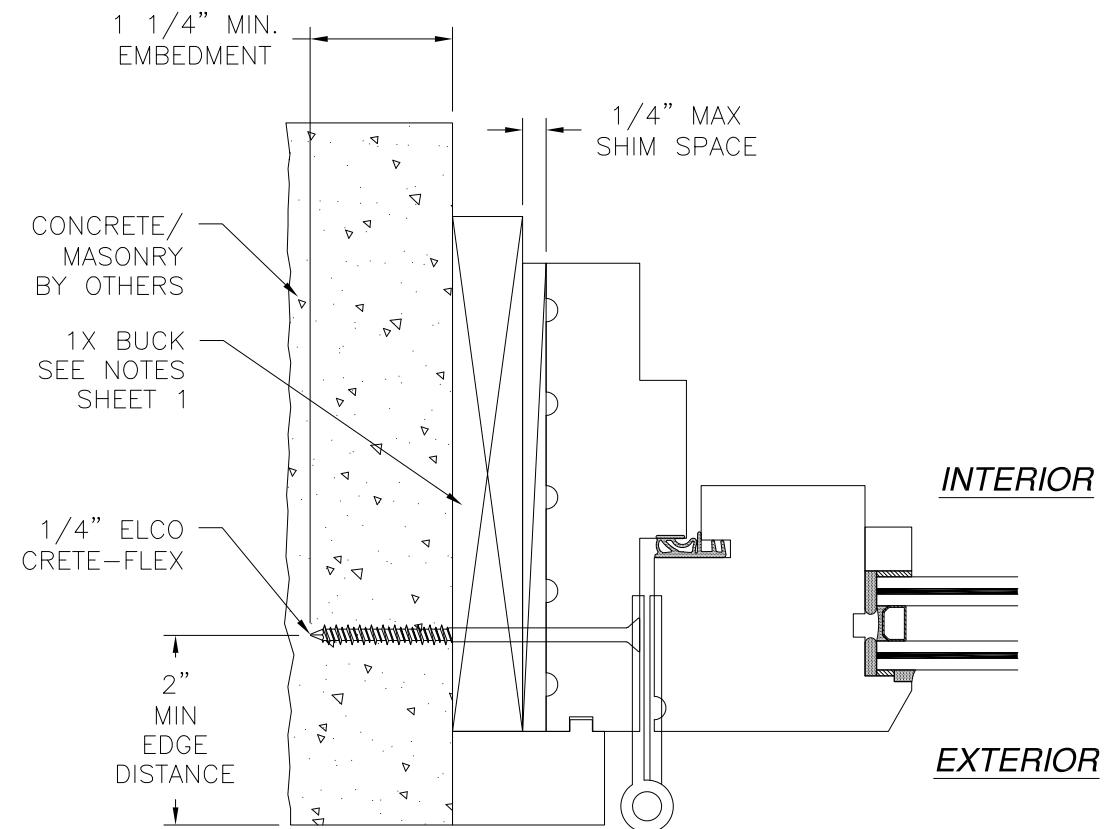
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



EXTERIOR

INTERIOR

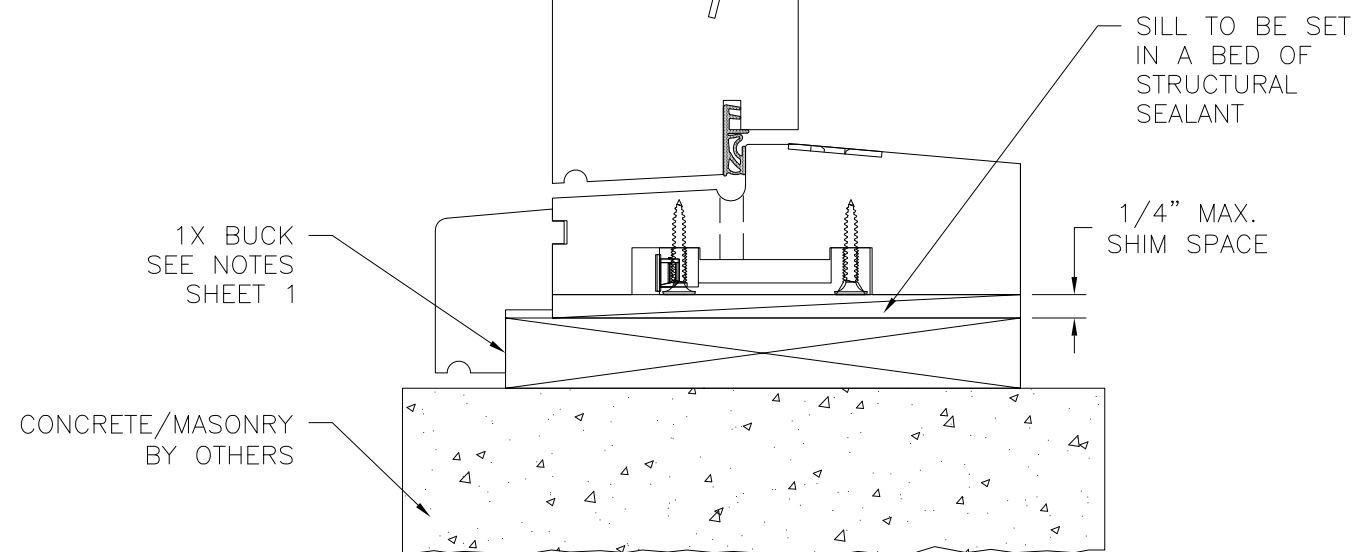
1/4" ELCO CRETE-FLEX



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

- NOTES:**
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SIGNED: 08/13/2024



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
STANDARD SILL SHOWN, SEE SHEET 21 FOR BRONZE SILL INSTALLATION

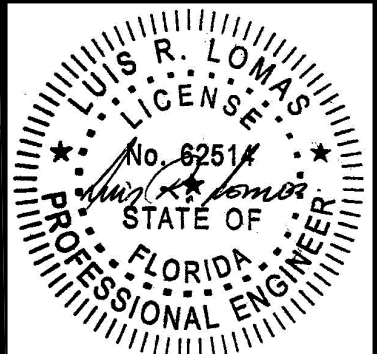
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
FRAME INSTALLATION DETAILS

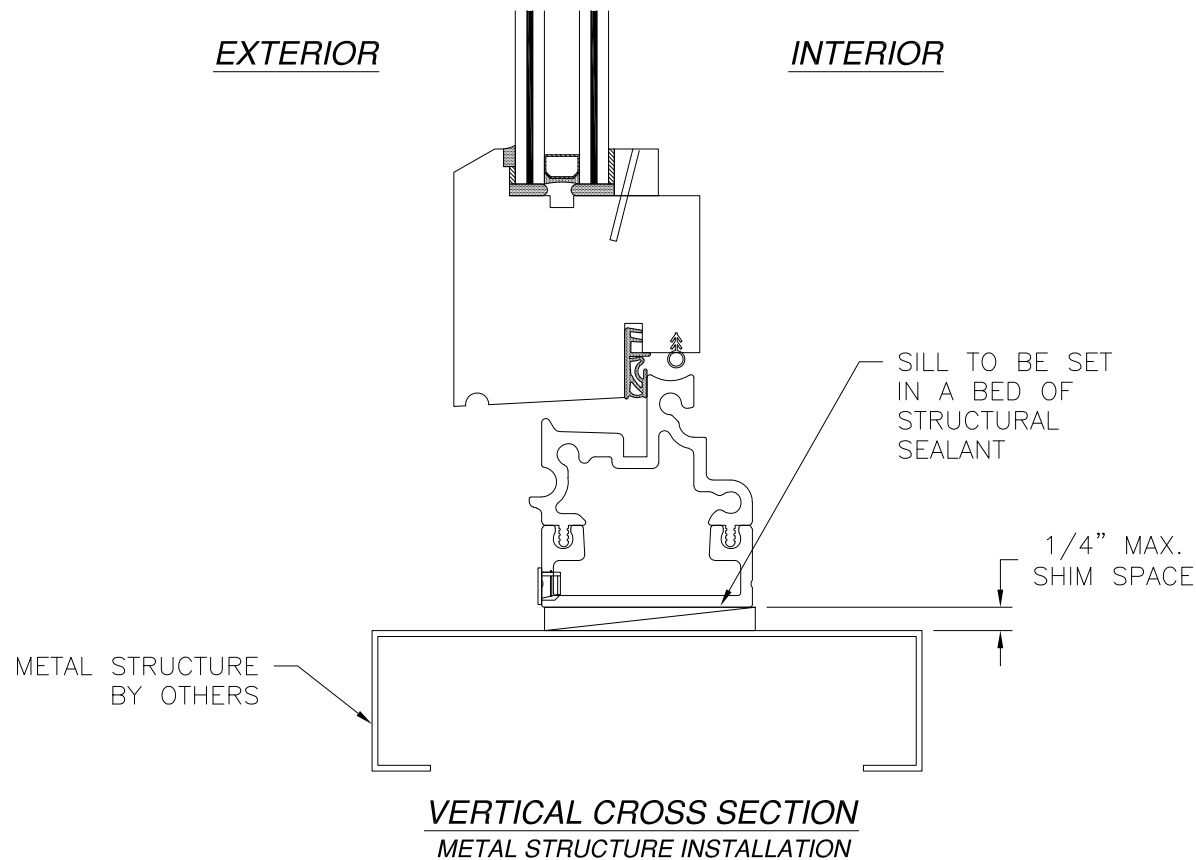
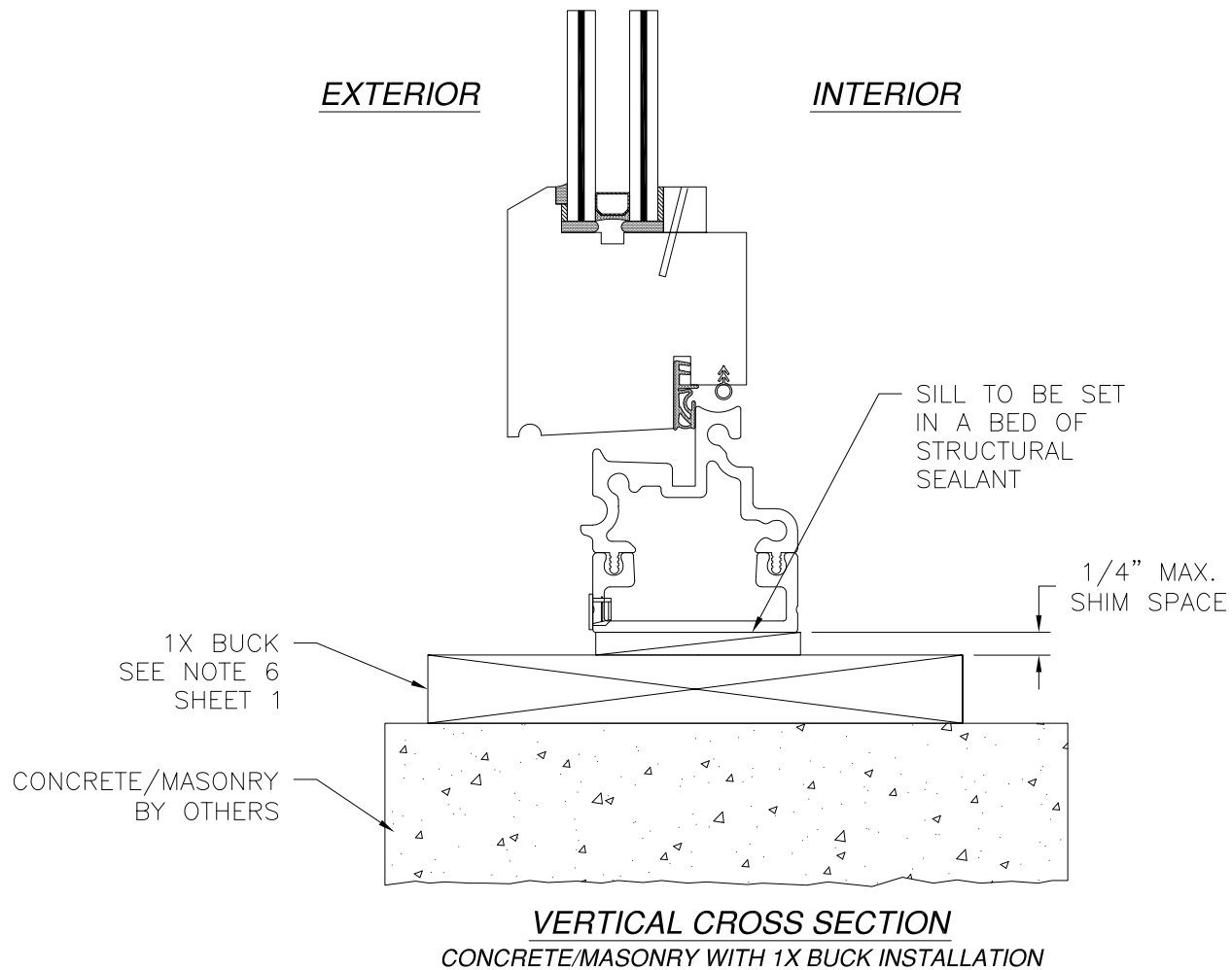
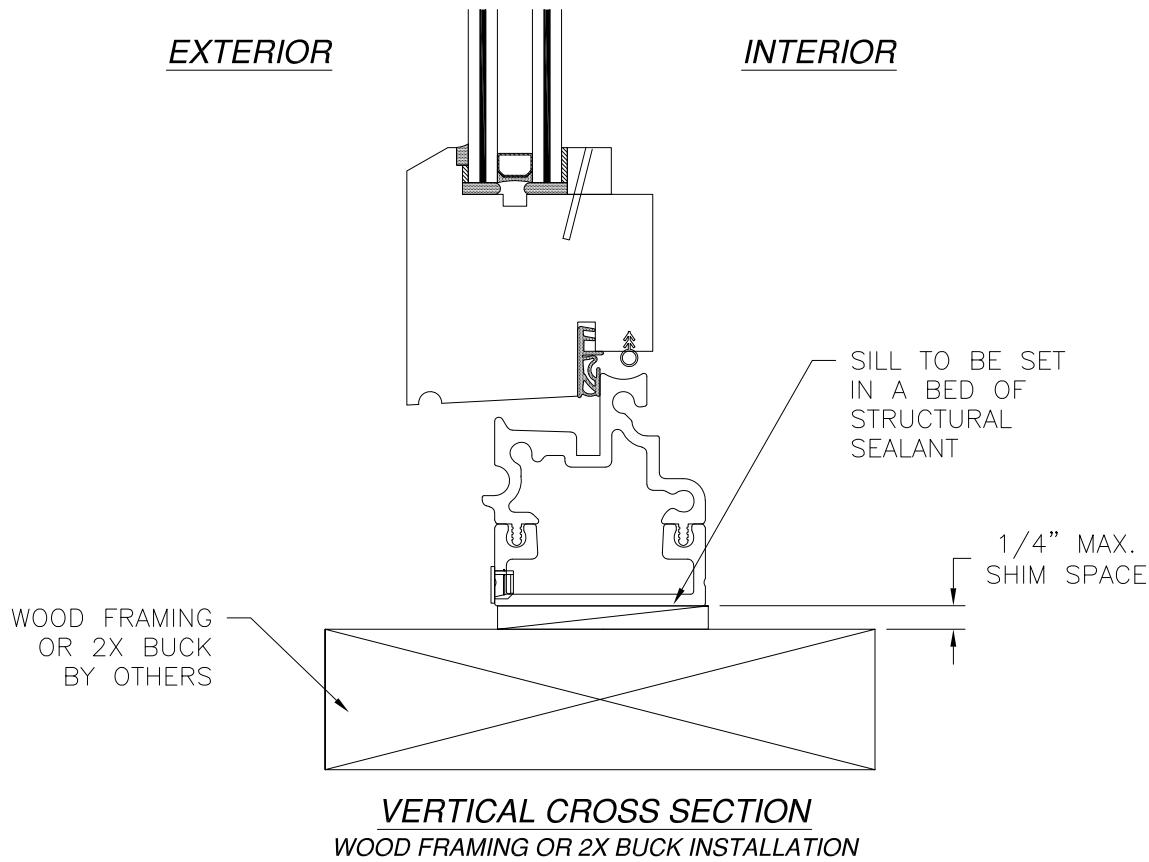
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 20 OF 22

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

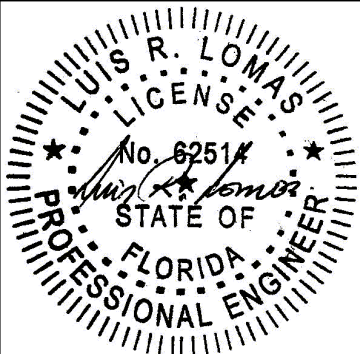
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.



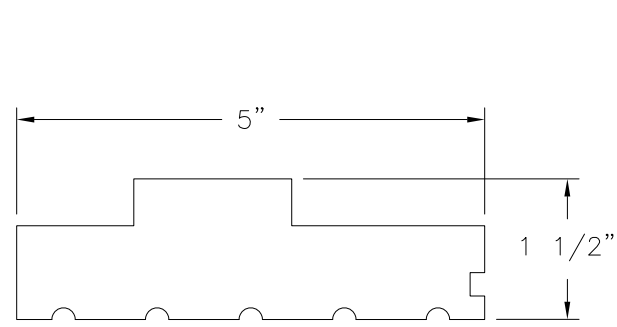
NOTES:
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SIGNED: 08/13/2024

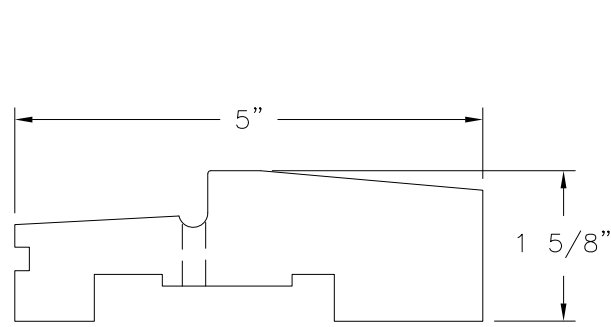
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR OUT-SWING IMPACT BRONZE SILL INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03987	REV A
SCALE NTS	DATE 11/15/23	SHEET 21 OF 22
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



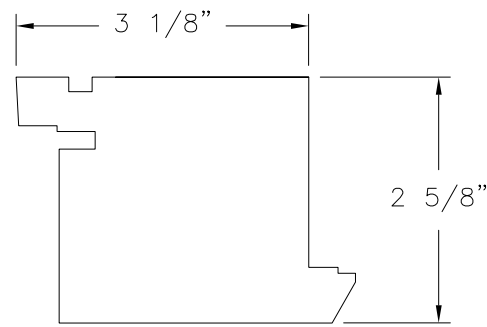
Luis R. Lomas P.E.
FL No.: 62514



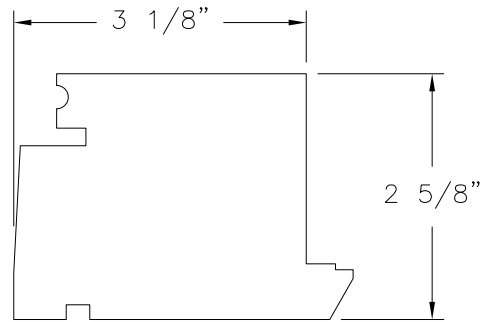
① **FRAME**
WOOD MAHOGANY



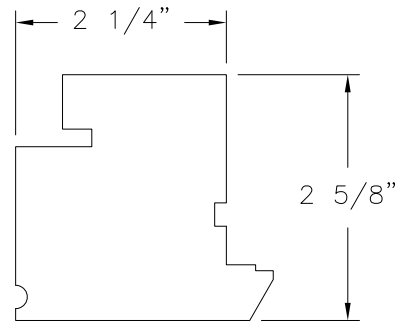
② **SILL FRAME**
WOOD MAHOGANY



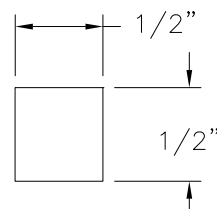
③ **STILE**
WOOD MAHOGANY



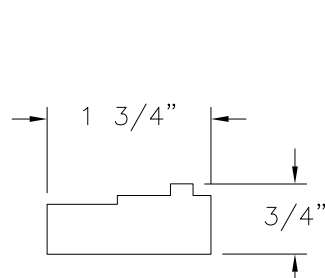
④ **STILE**
WOOD MAHOGANY



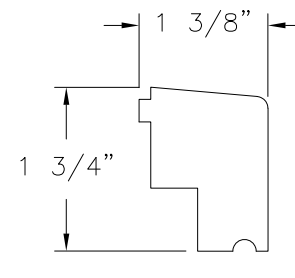
⑤ **PANEL FRAME**
WOOD MAHOGANY



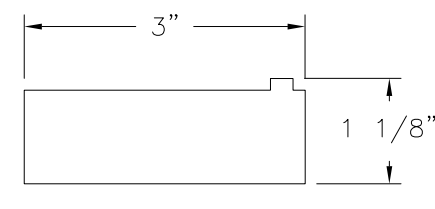
⑥ **GLASS STOP**
WOOD MAHOGANY



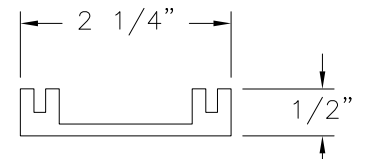
⑧ ⑦ **ASTRAGAL**
WOOD MAHOGANY



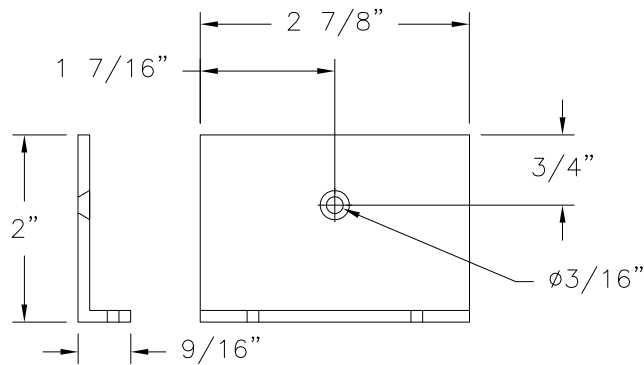
⑨ **SILL NOSING**
WOOD MAHOGANY



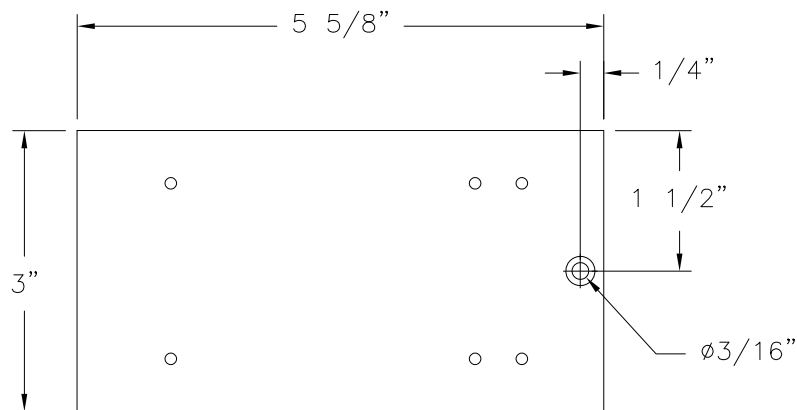
⑩ **CASING**
WOOD MAHOGANY



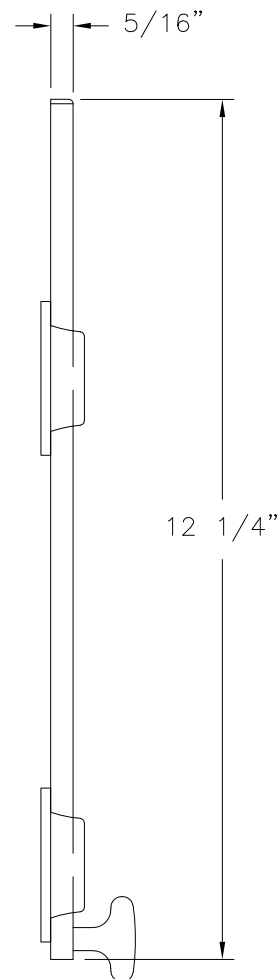
⑪ **EXTRUSION**
ALUMINUM 6063-T5



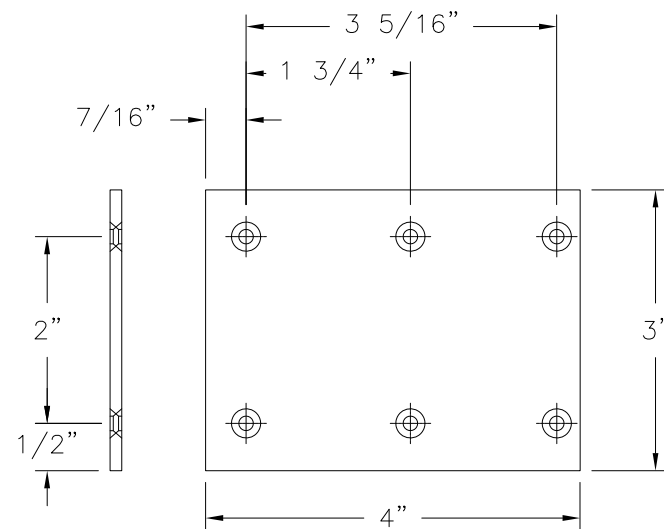
⑫ **ANGLE MOUNTING BRACKET**
ALUMINUM 6063-T5 1/8" THICK



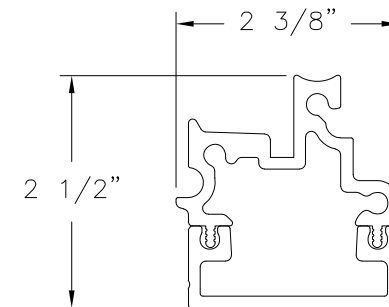
⑬ **MOUNTING BRACKET**
ALUMINUM 6063-T5 1/8" THICK



⑮ **SURFACE BOLT**
BRASS



F1 BRACKET
ALUMINUM 6063-T5 1/8" THICK



SILL
BRONZE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD BRONZE SILL	08/06/2024	R.L.

SIGNED: 08/13/2024

REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR
OUT-SWING IMPACT
COMPONENTS

DRAWN:
R.L.

DWG NO.

08-03987

REV
A

SCALE NTS

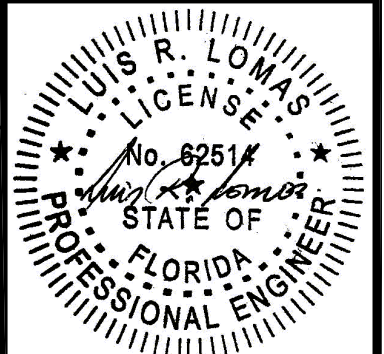
DATE

11/15/23

SHEET

22 OF 22

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