

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: 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 TAPCON 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:

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 16GA (.058") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM
19. APPROVED CONFIGURATIONS: XX, X.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 - 5	ELEVATIONS
6	CHARTS AND GLAZING DETAILS
7 - 9	B.O.M., CROSS SECTIONS & GLAZING DETAIL
10 - 22	INSTALLATION DETAILS
23	COMPONENTS

REILLY WINDOWS & DOORS

901 BURMAN BLVD.

CALVERTON, NY 11933

RWD WOOD FRENCH DOOR IN-SWING

IMPACT

NOTES

DRAWN:

DWG NO.

REV

R.L.

08-03986

-

SCALE

DATE

SHEET

NTS

11/14/23

1

OF

23

L. ROBERTO LOMAS P.E.

208 7th Ave, INDIALANTIC, FL 32903

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/20/2026

LUIS R. LOMAS

LICENS. M. S.

No. 62514

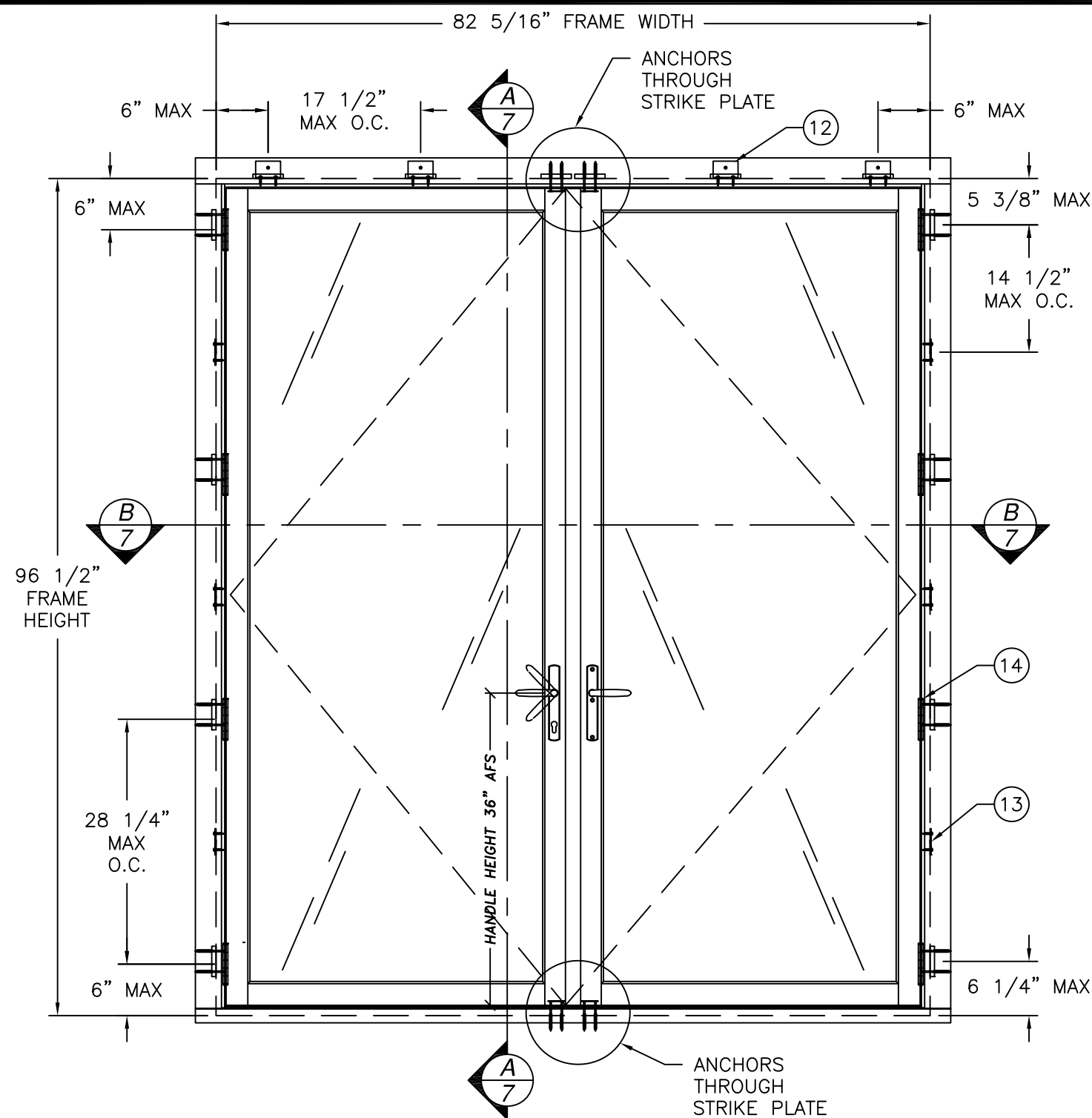
STATE OF

FLORIDA

PROFESSIONAL ENGINEER

Luis R. Lomas P.E.

FL No.: 62514



RWD WOOD FRENCH IN-SWING DOUBLE DOOR

EXTERIOR VIEW

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

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

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

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

40 1/8" X 94 3/16" PANELS SHOWN, OTHER SIZES ARE APPROVED
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 26.4 FT²

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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

SIGNED: 07/20/2026

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

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
DOUBLE DOOR ELEVATION

DRAWN:
R.L.

DWG NO.
08-03986

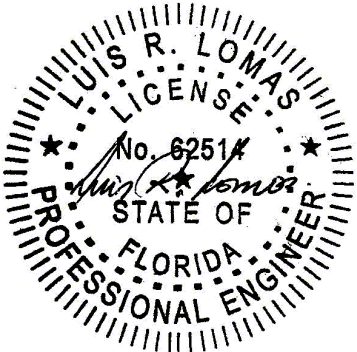
REV
-

SCALE
NTS

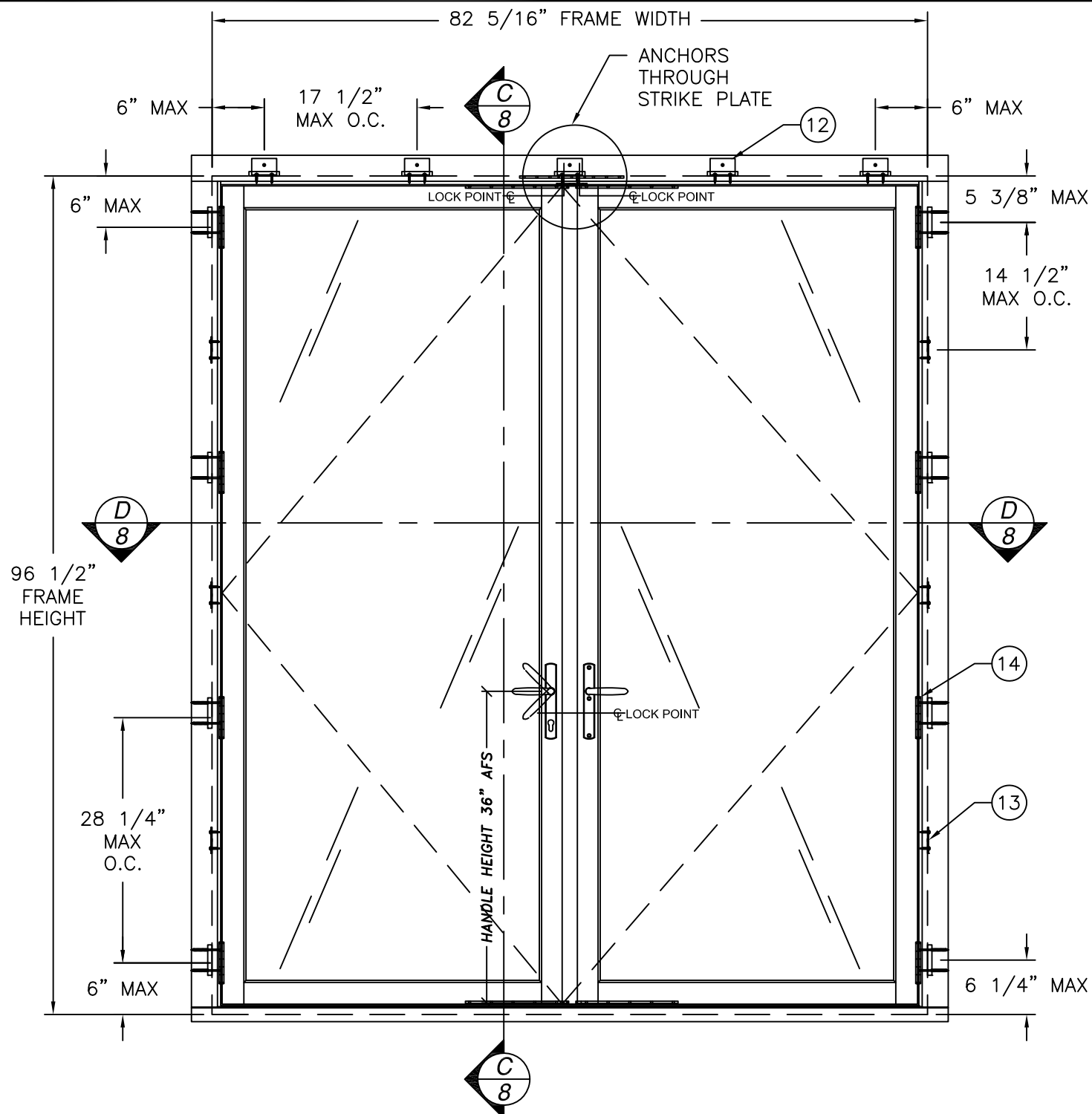
DATE
11/14/23

SHEET
2 OF 23

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



RWD WOOD FRENCH IN-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

40 1/8" X 94 3/16" PANELS SHOWN, OTHER SIZES ARE APPROVED
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 26.4 FT²
SEE CHART #2 FOR SMALLER UNITS RATINGS.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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

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

SIGNED: 07/20/2026

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

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
DOUBLE DOOR ELEVATION

DRAWN:
R.L.

DWG NO.
08-03986

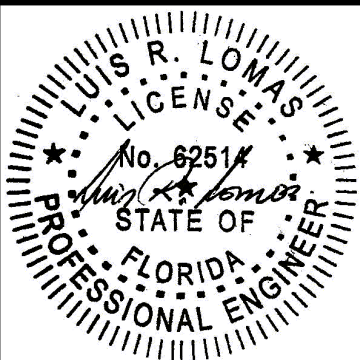
REV
-

SCALE
NTS

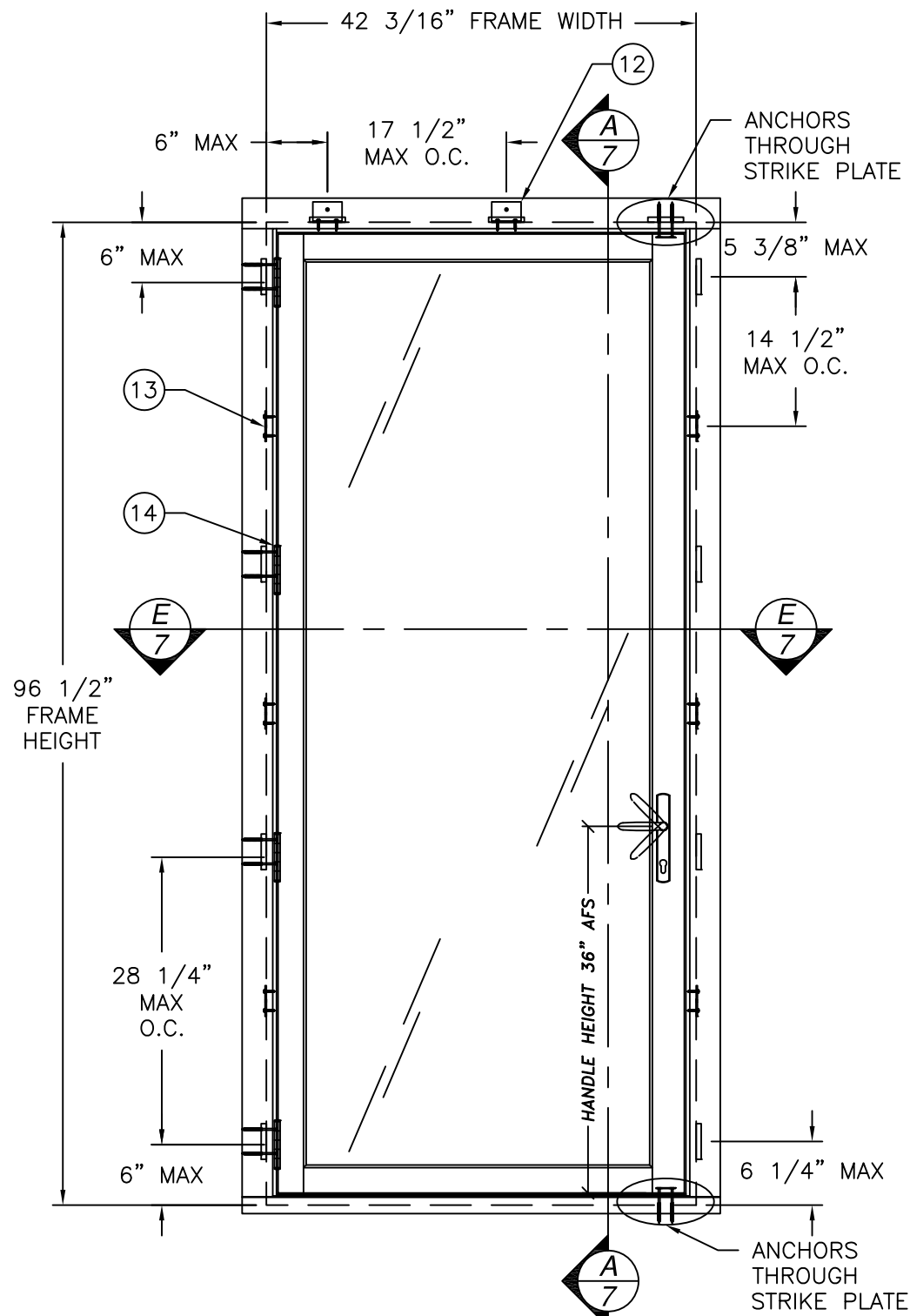
DATE
11/14/23

SHEET
3 OF 23

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



RWD WOOD FRENCH IN-SWING SINGLE DOOR

EXTERIOR VIEW

WITH SINGLE POINT LOCK & GLASS A

WITH SINGLE POINT LOCK & GLASS B

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

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

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

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

40 1/8" X 94 3/16" PANELS SHOWN, OTHER SIZES ARE APPROVED
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 26.4 FT²

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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

SIGNED: 07/20/2026

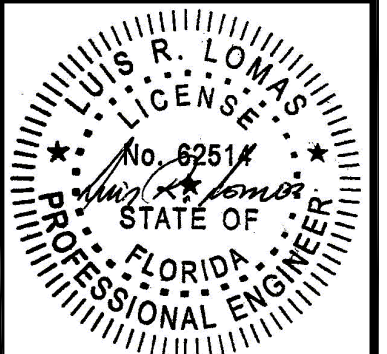
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
SINGLE DOOR ELEVATION

DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 4 OF 23

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



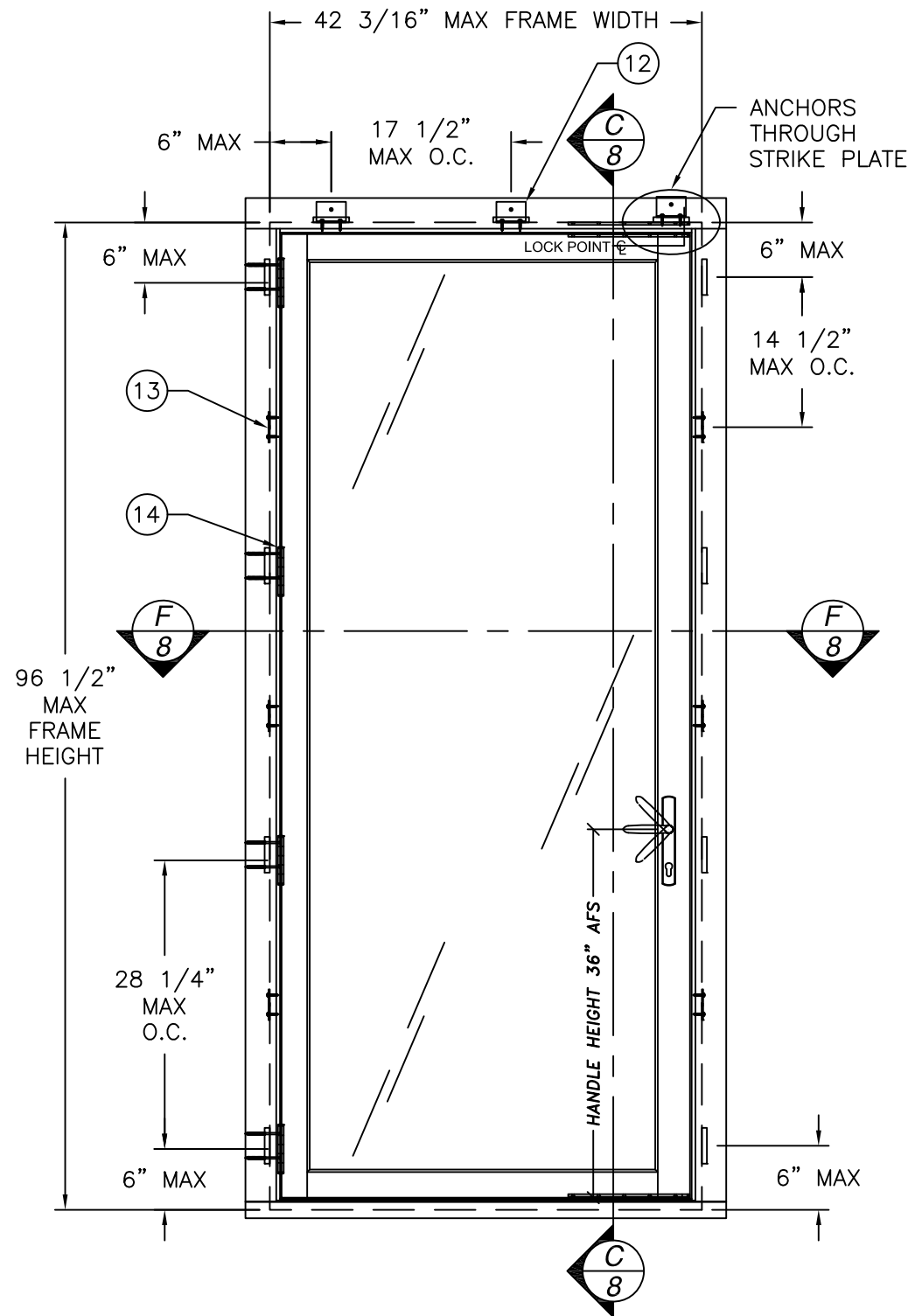
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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

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 IN-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

40 1/8" X 94 3/16" PANELS SHOWN, OTHER SIZES ARE APPROVED
AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 26.4 FT²

SIGNED: 07/20/2026

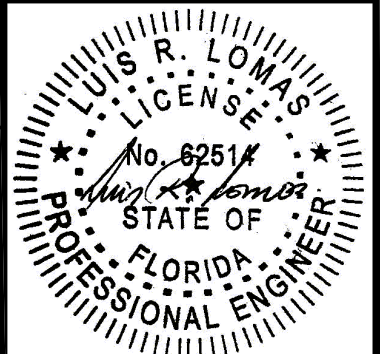
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
SINGLE DOOR ELEVATION

DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 5 OF 23

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

Chart #1

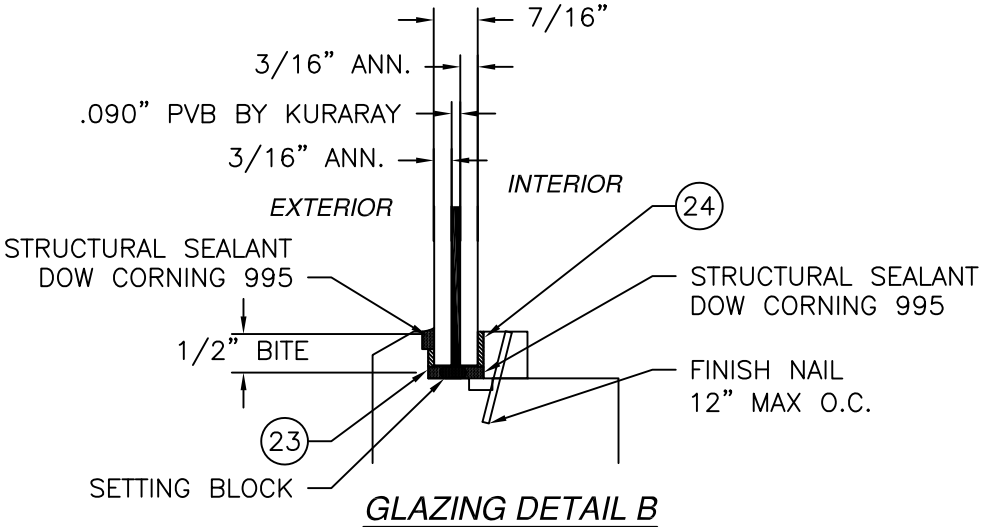
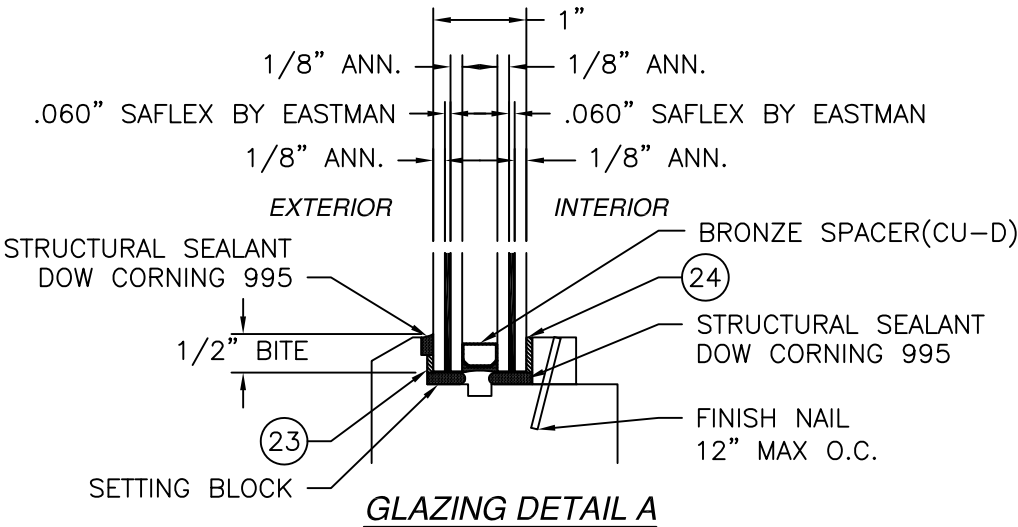
Ratings for double doors with glass A (psf)								
Panel Height (in)	Panel Width (in)							
	24.00		30.00		36.00		40.13	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
78.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
81.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
84.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
87.00	75.0	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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
CHARTS AND GLAZING DETAILS

DRAWN:
R.L.

DWG NO.
08-03986

REV
-

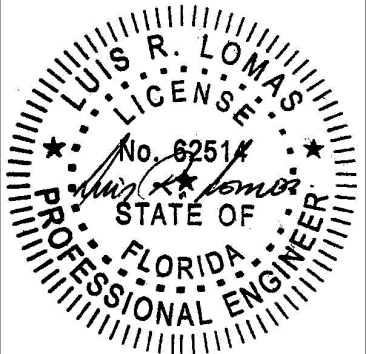
SCALE
NTS

DATE
11/14/23

SHEET
6 OF 23

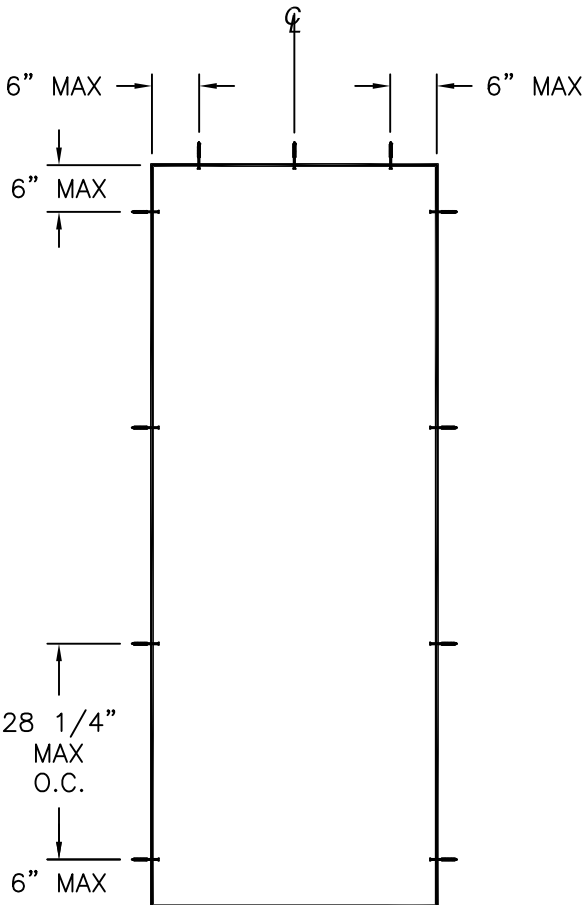
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/20/2026

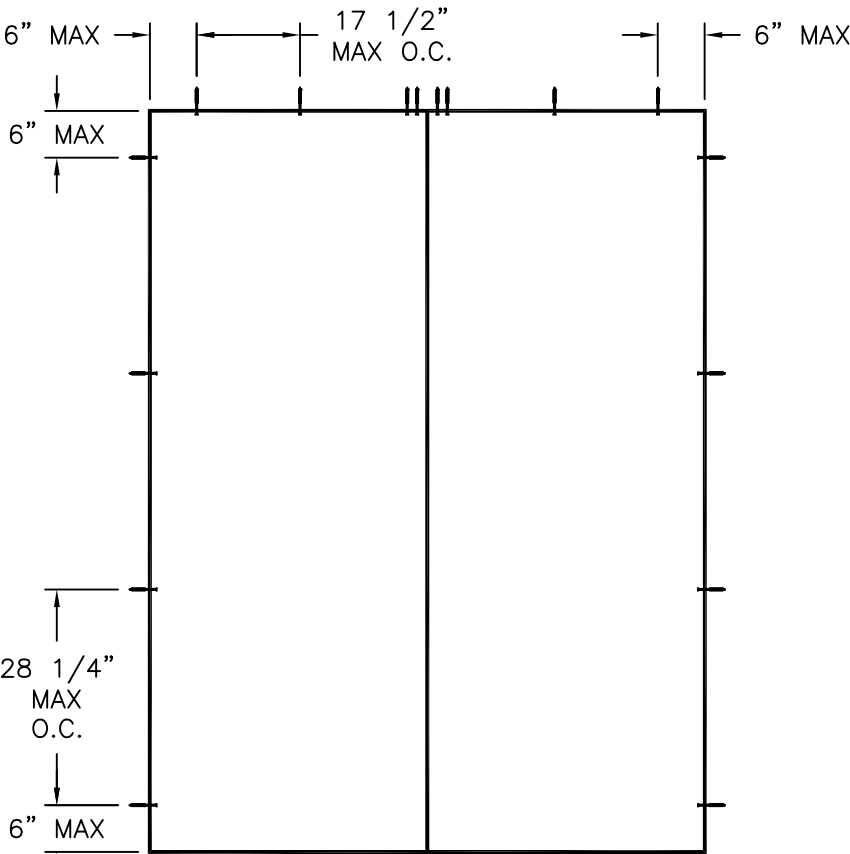


Luis R. Lomas P.E.
FL No.: 62514

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
28	PART C	SILL EXTRUSION		BRONZE
29	PART D	SILL EXTRUSION		BRONZE
30	EX-2	THRESHOLD	BRASS	MRD
31	SB	SUPPORT BLOCK		MAHOGANY
32	SL3.5	DOOR SILL	RWD	MAHOGANY
33	SN1.5	SILL NOSE	RWD	MAHOGANY



SINGLE DOOR ANCHORING LAYOUT
FRAME INSTALLATION



DOUBLE DOOR ANCHORING LAYOUT
FRAME INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

SIGNED: 07/20/2026

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

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
B.O.M. AND GLAZING DETAIL

DRAWN:
R.L.

DWG NO.
08-03986

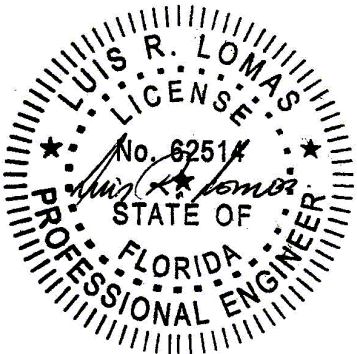
REV
-

SCALE
NTS

DATE
11/14/23

SHEET
7 OF 23

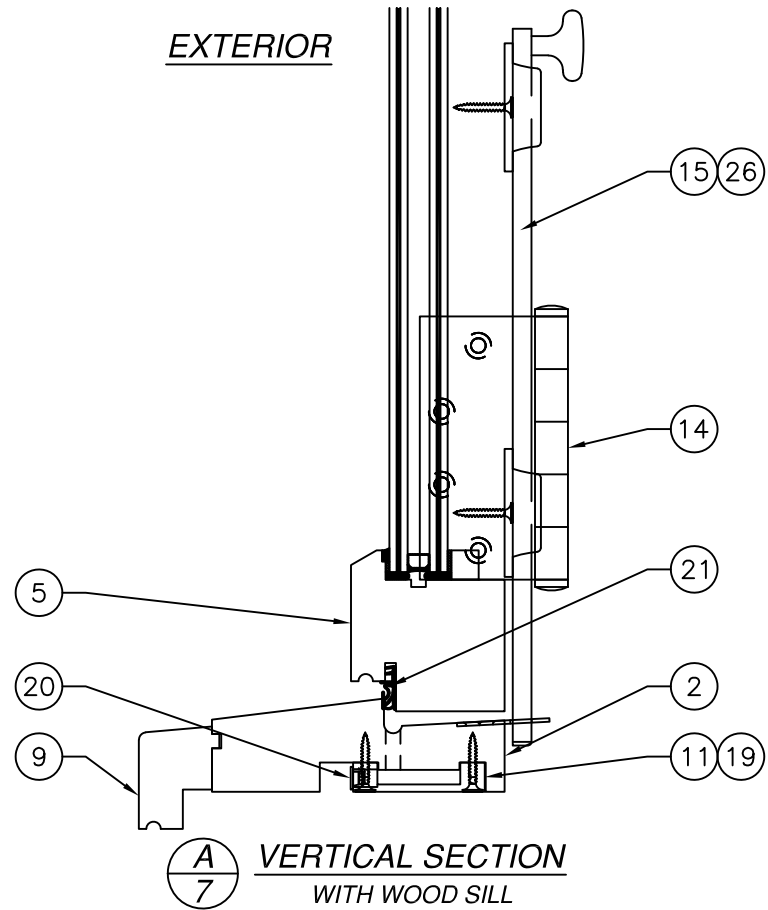
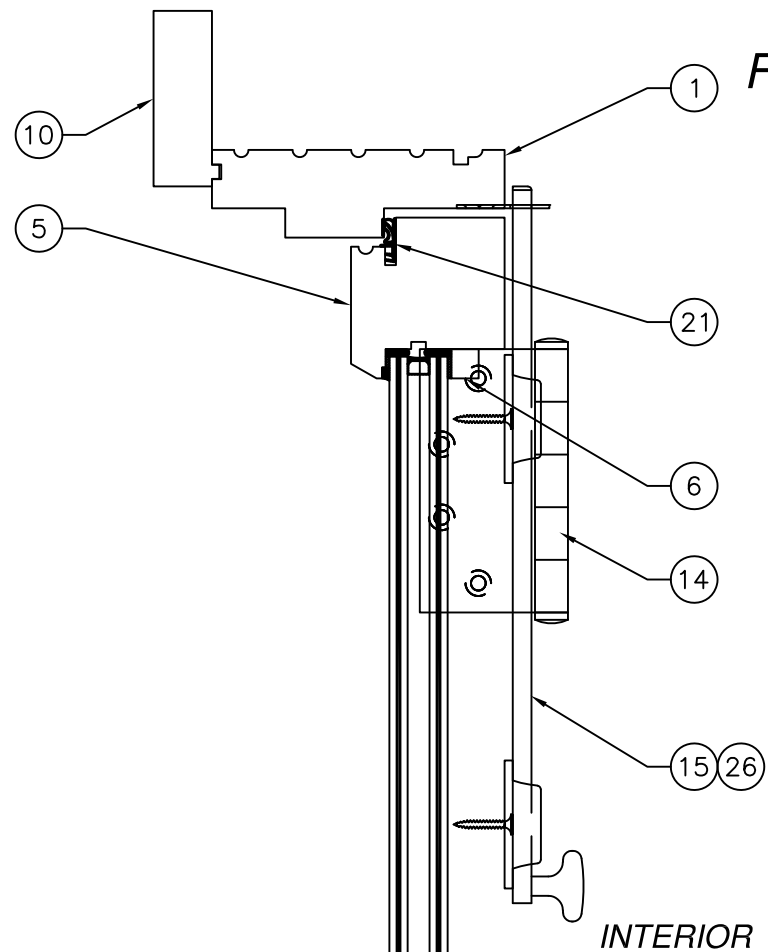
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



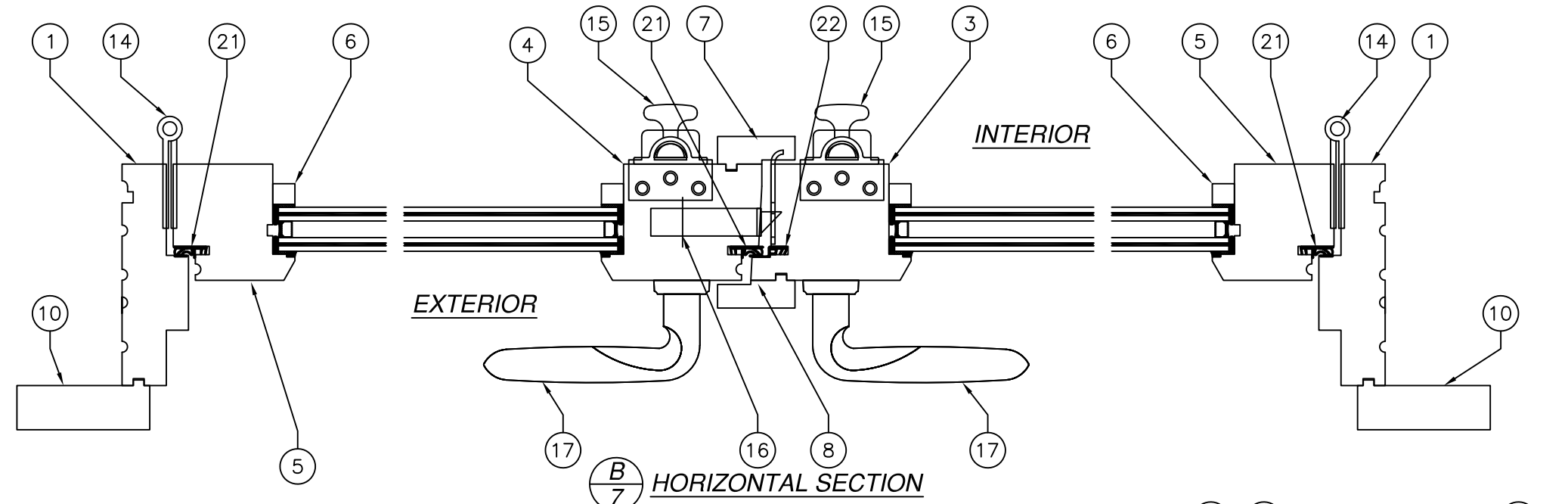
Luis R. Lomas P.E.
FL No.: 62514

FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 10 - 22

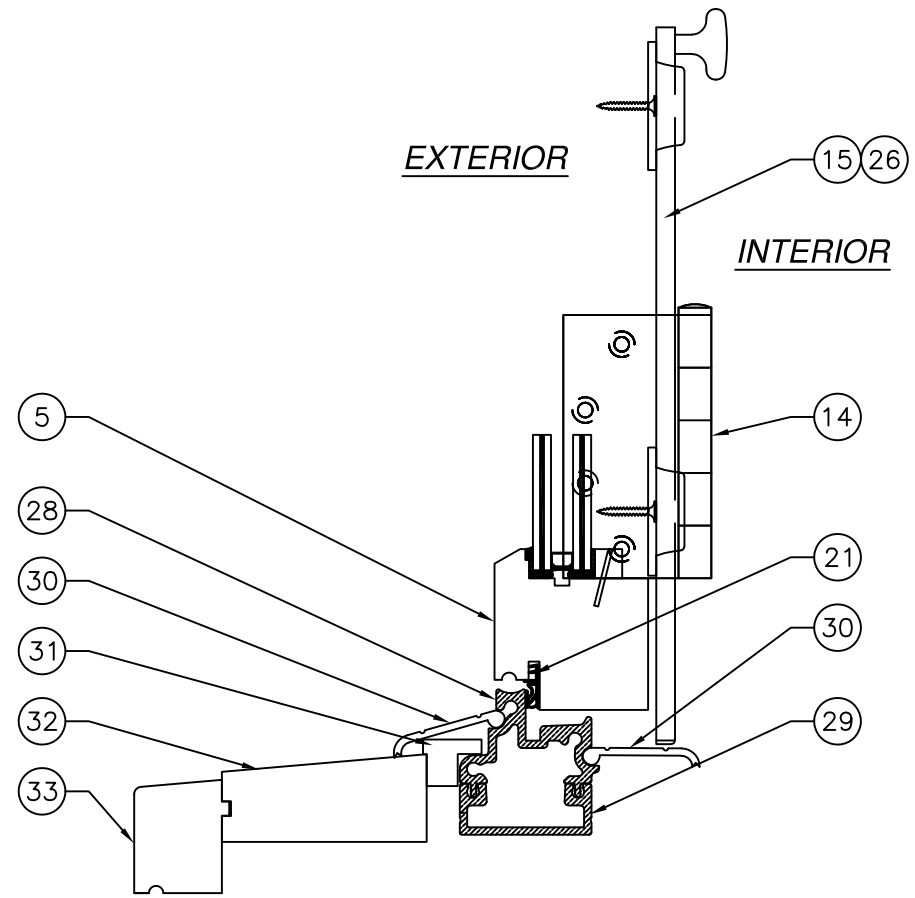
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



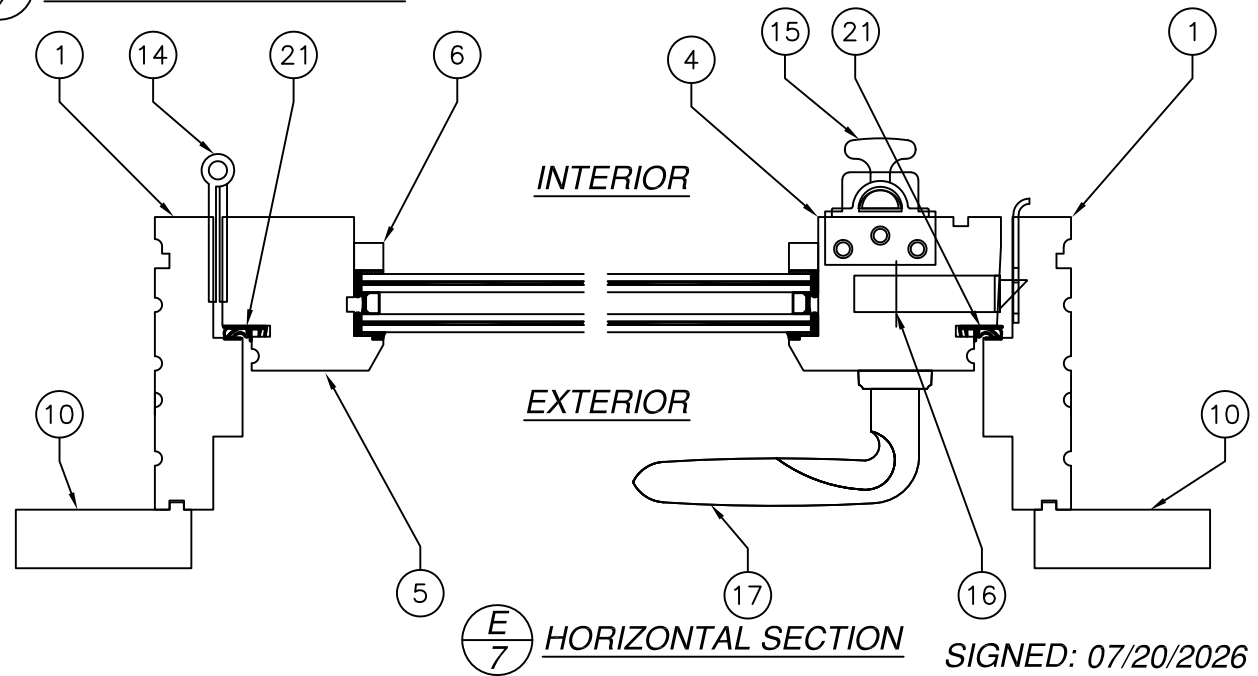
A
7 VERTICAL SECTION
WITH WOOD SILL



B
7 HORIZONTAL SECTION



A
7 VERTICAL SECTION
WITH BRONZE SILL



E
7 HORIZONTAL SECTION

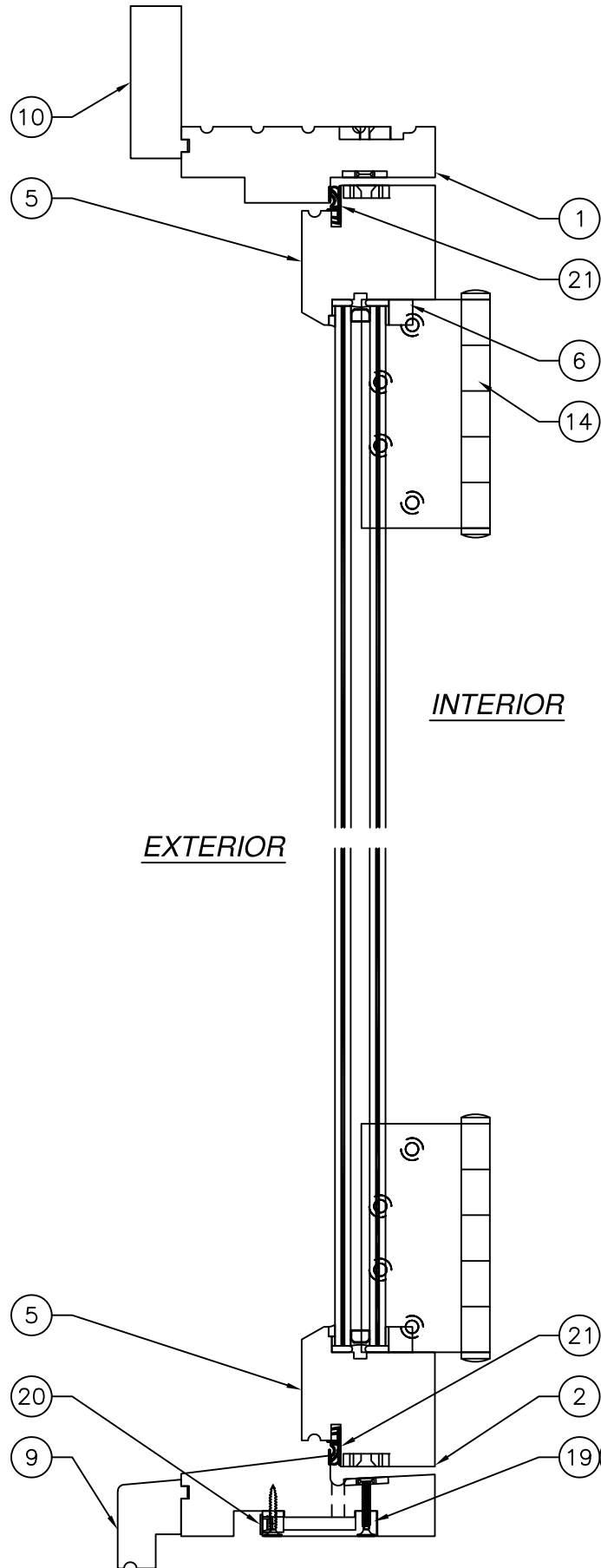
SIGNED: 07/20/2026

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT SINGLE POINT LOCK CROSS SECTIONS		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 8 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

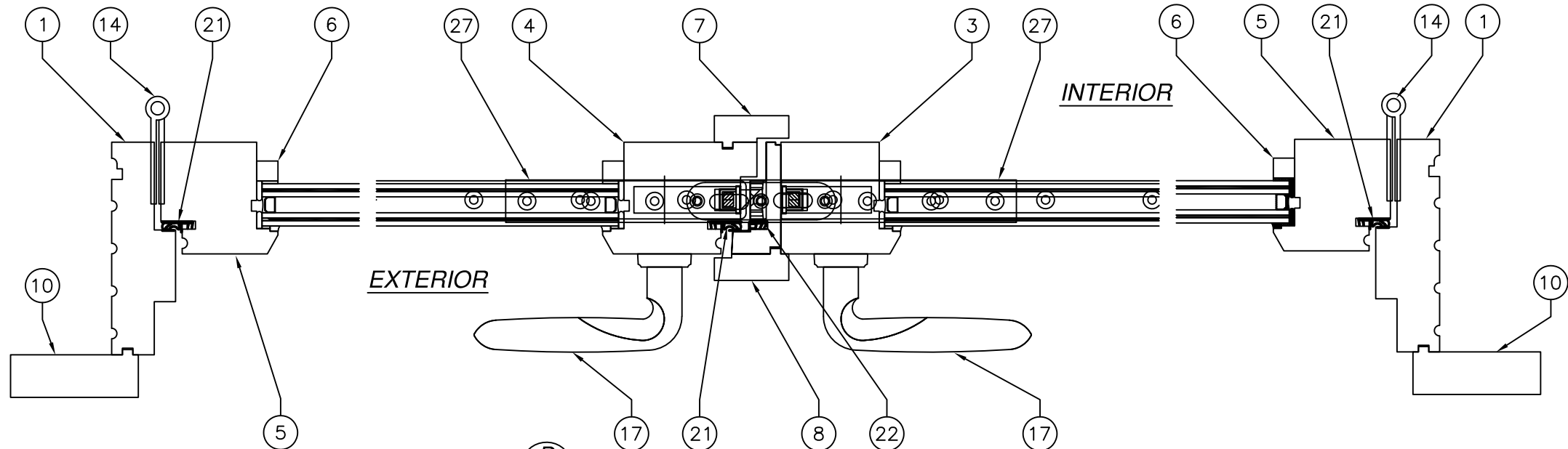
Professional Engineer Seal for Luis R. Lomas, State of Florida, License No. 62514.

FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 10 - 22

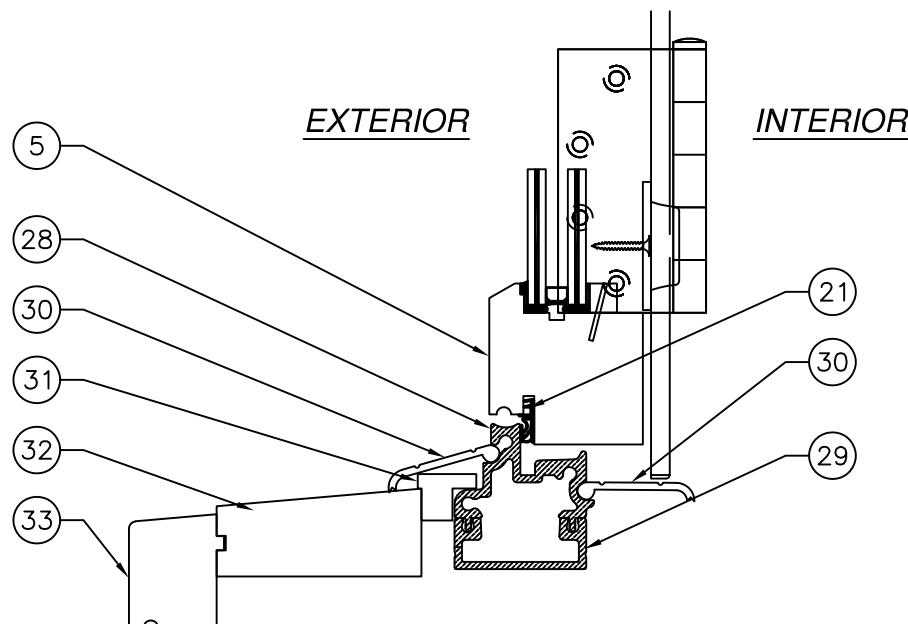
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



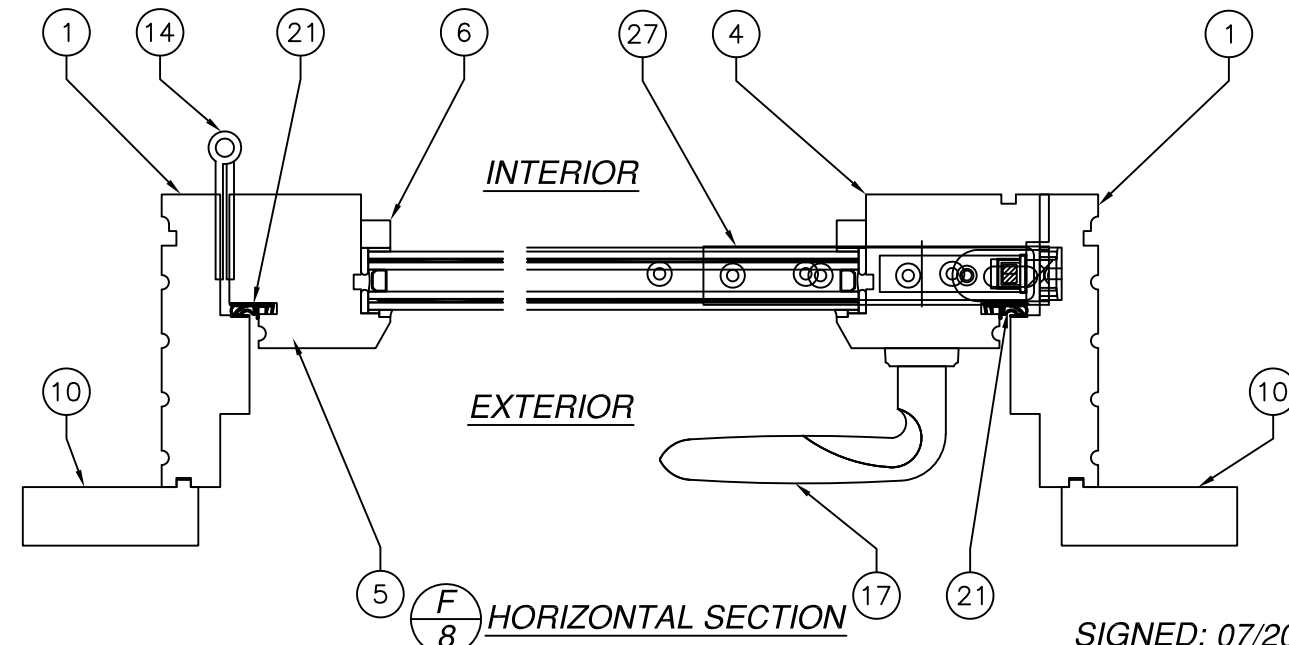
C
8 VERTICAL SECTION
WITH WOOD SILL



D
8 HORIZONTAL SECTION



C
8 VERTICAL SECTION
WITH BRONZE SILL



F
8 HORIZONTAL SECTION

SIGNED: 07/20/2026

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

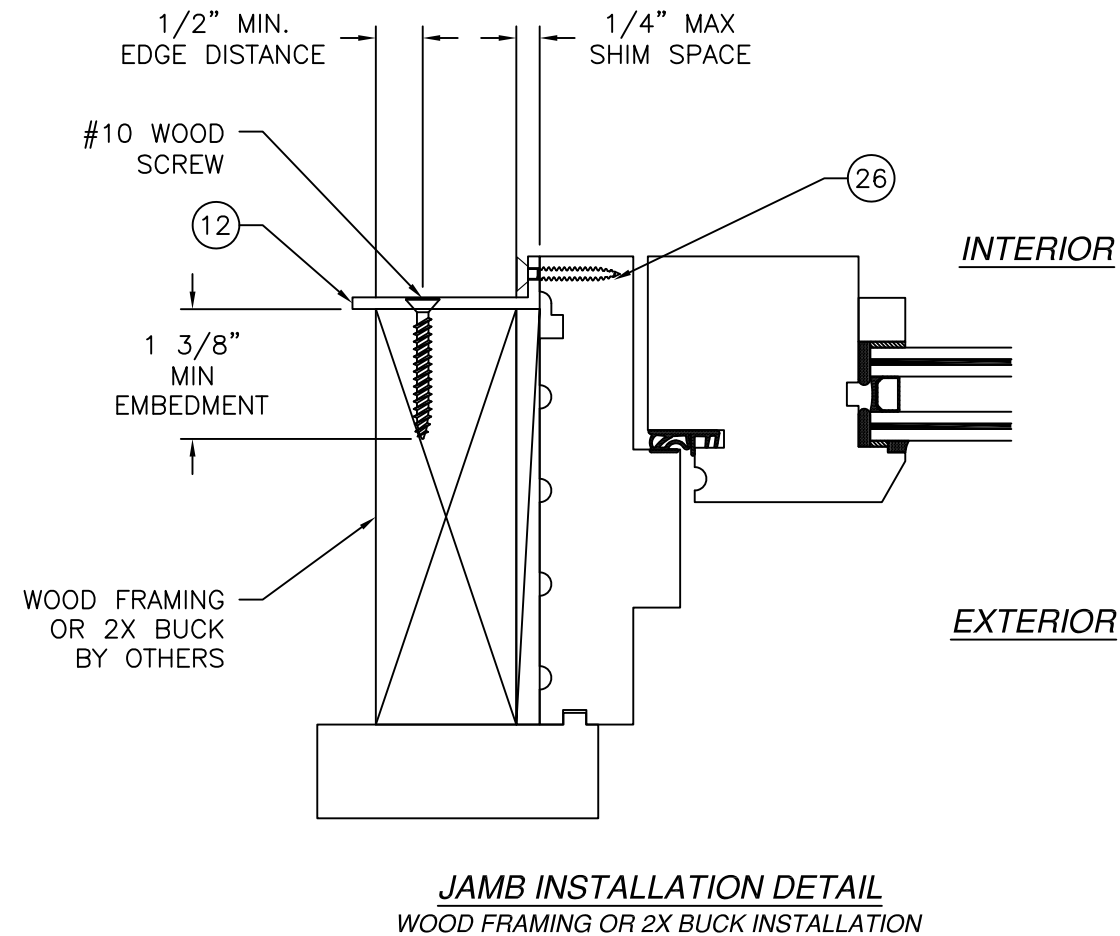
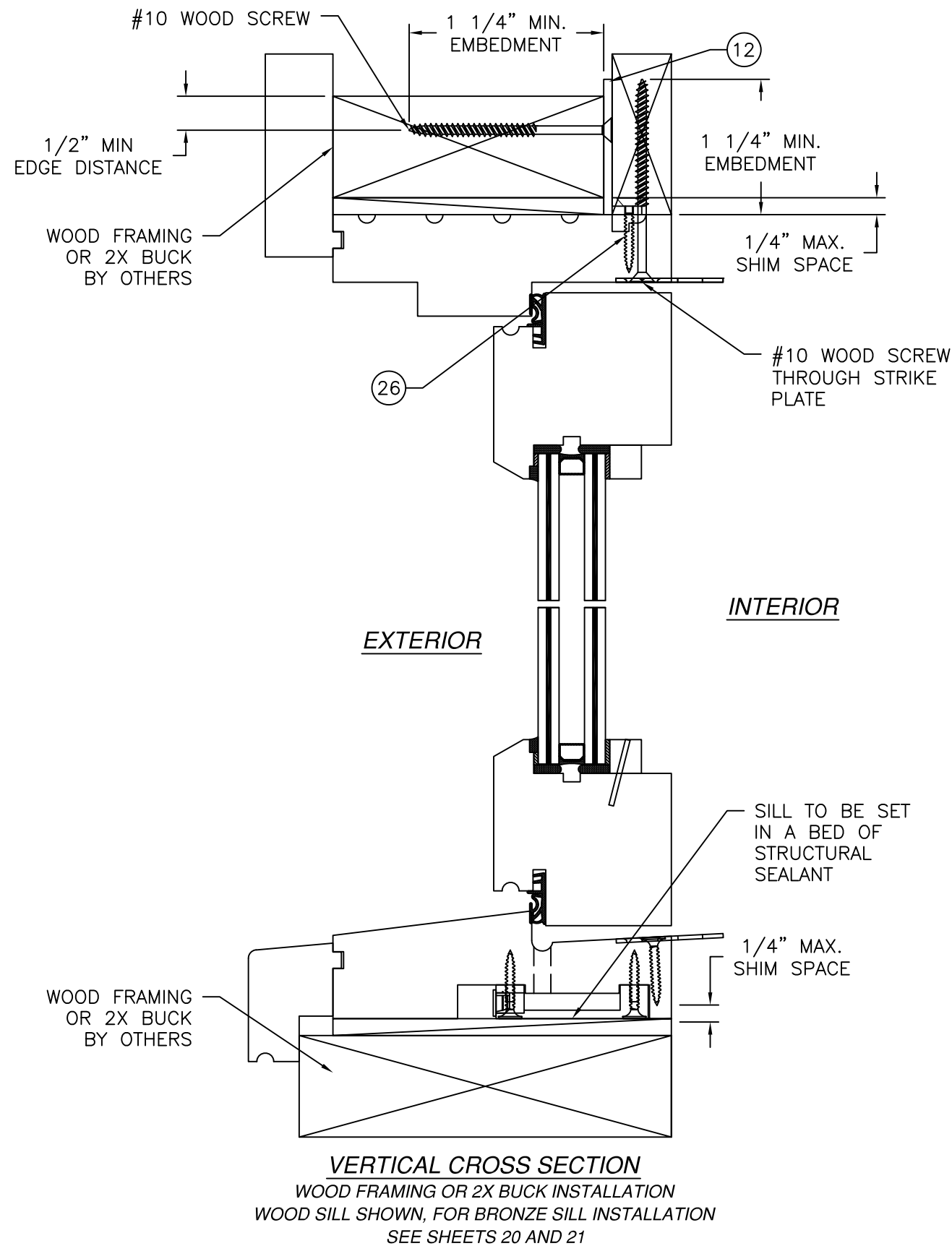
RWD WOOD FRENCH DOOR IN-SWING
IMPACT
MULTI POINT LOCK CROSS SECTIONS

DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 9 OF 23

L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
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

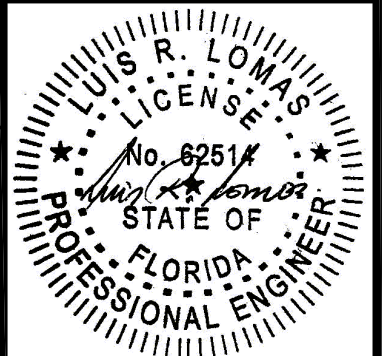


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

SIGNED: 07/20/2026

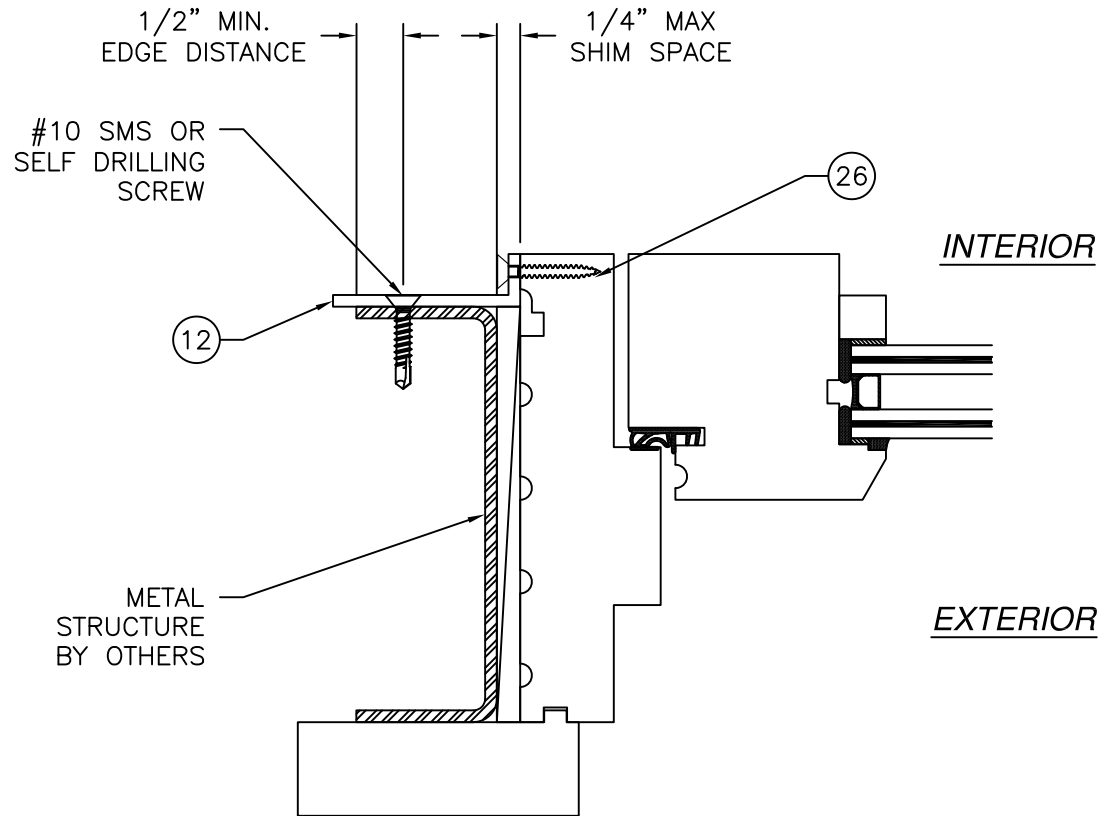
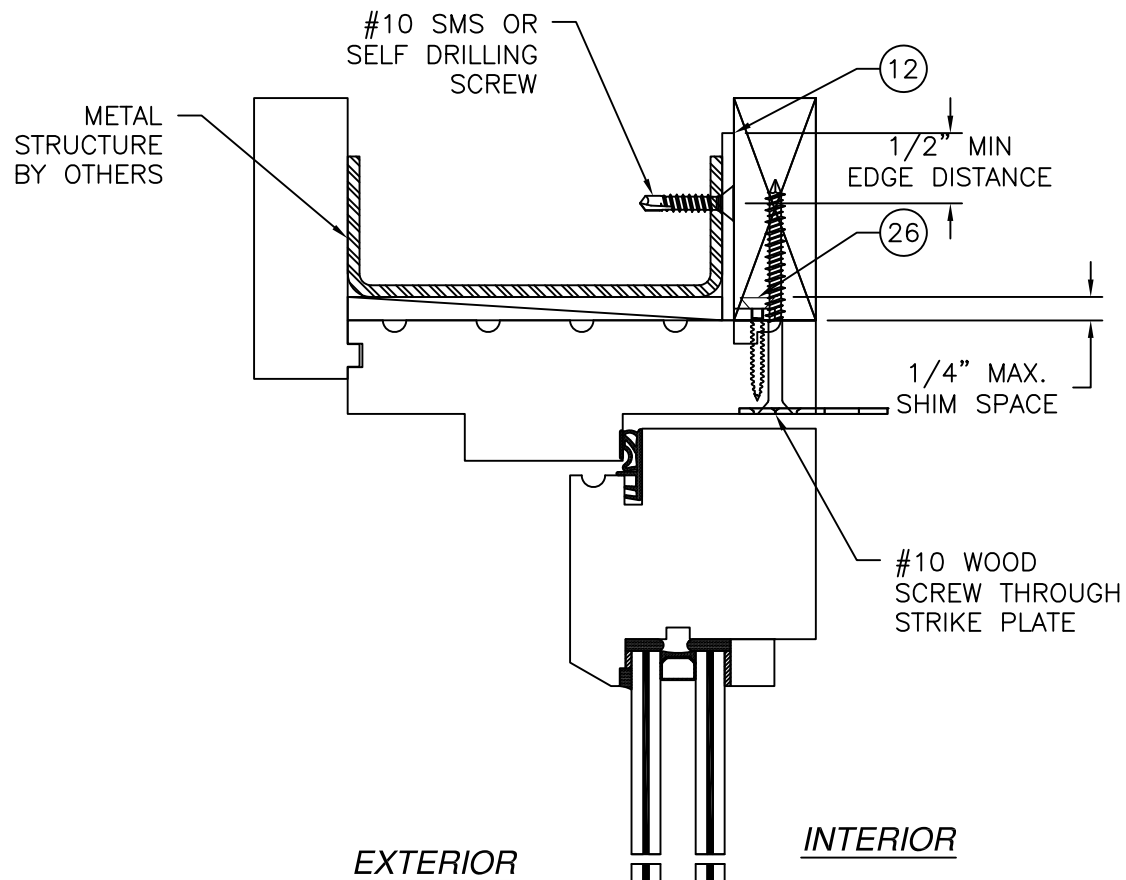
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT INSTALLATION DETAILS W/ANGLE BRACKET		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 10 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

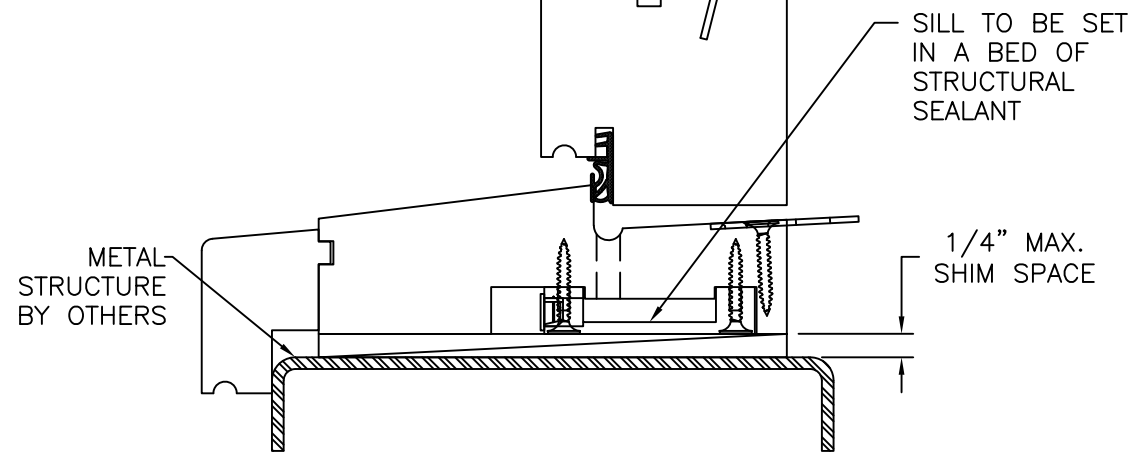


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

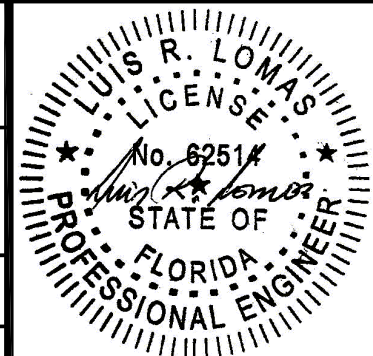


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
WOOD SILL SHOWN, FOR BRONZE SILL INSTALLATION
SEE SHEETS 20 AND 21

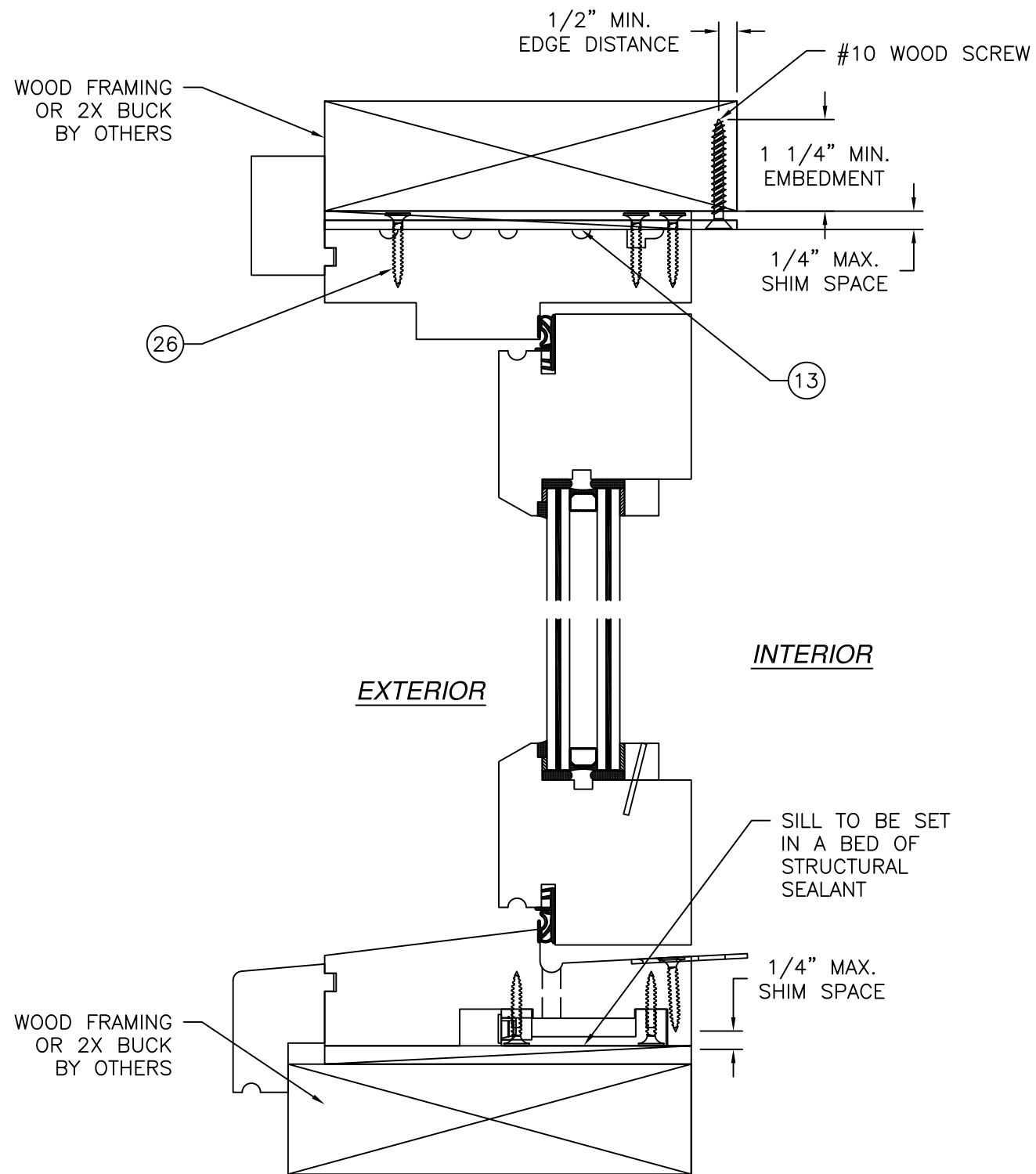
- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 07/20/2026

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT INSTALLATION DETAILS W/ANGLE BRACKET		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 11 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

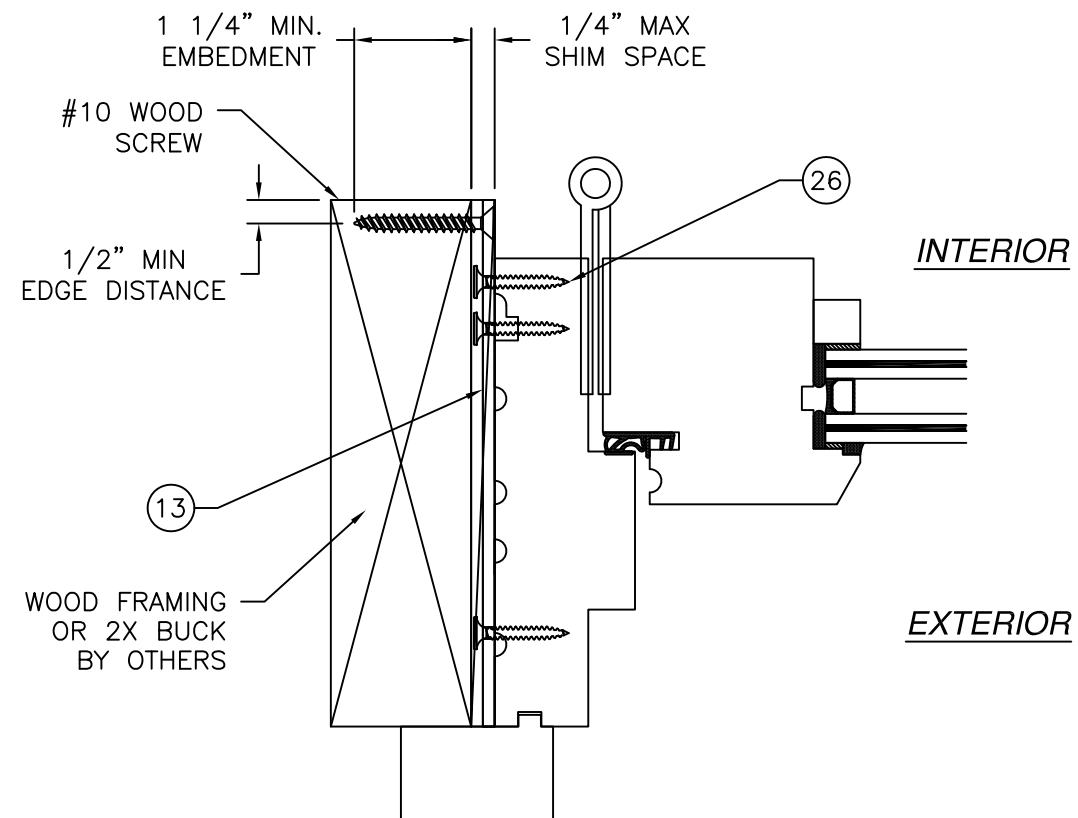


Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
WOOD SILL SHOWN, FOR BRONZE SILL INSTALLATION
SEE SHEETS 20 AND 21

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

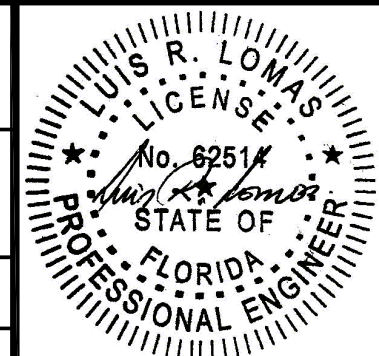


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

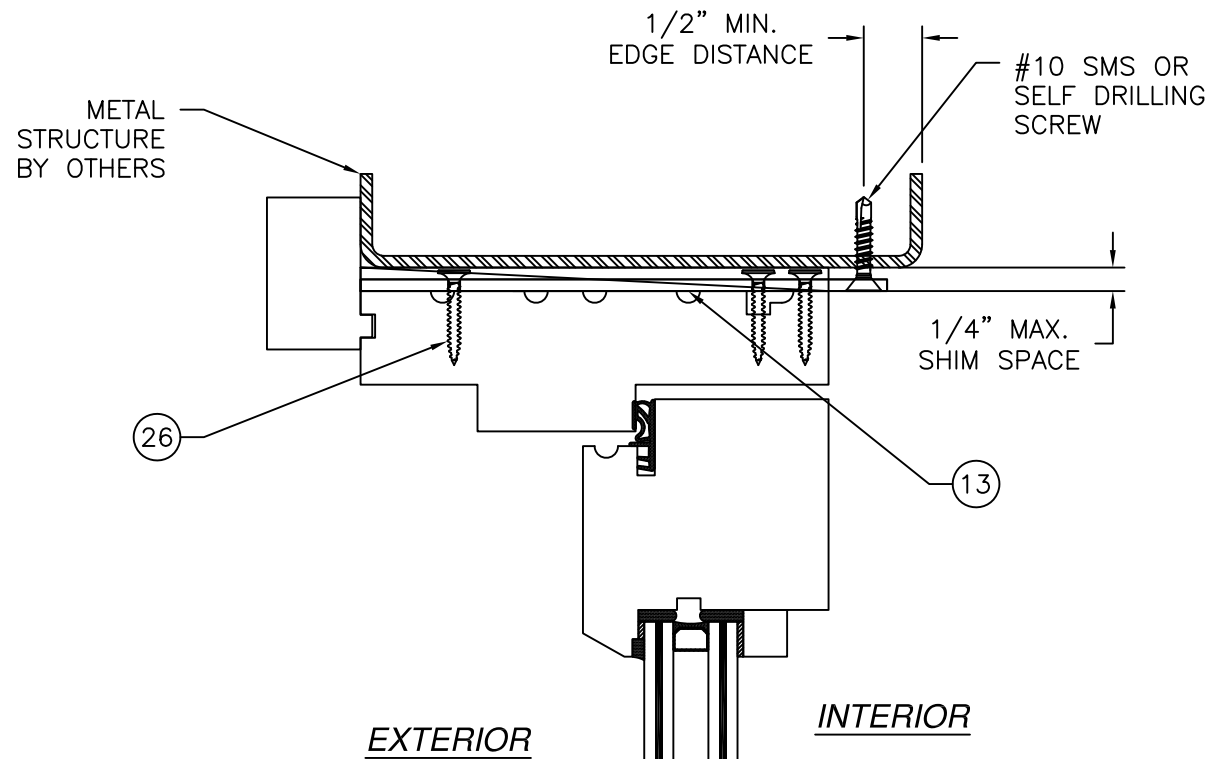
SIGNED: 07/20/2026

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT INSTALLATION DETAILS W/MOUNTING BRACKET		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 12 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

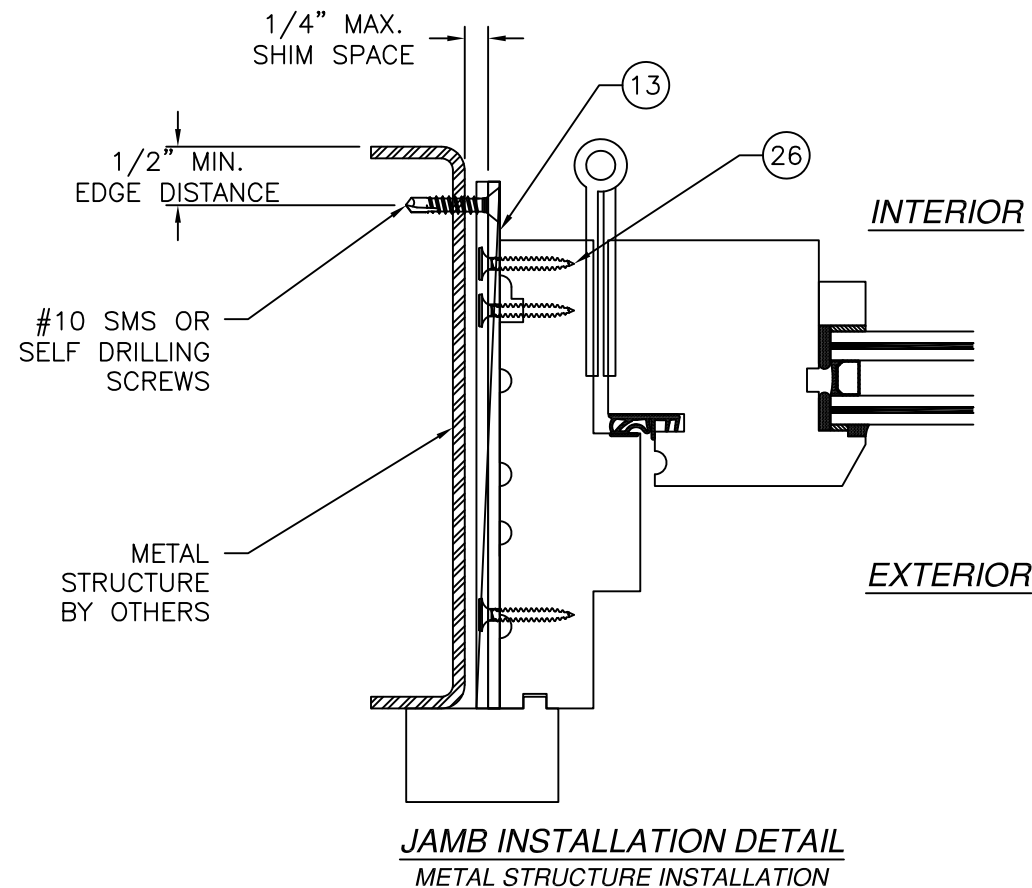


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



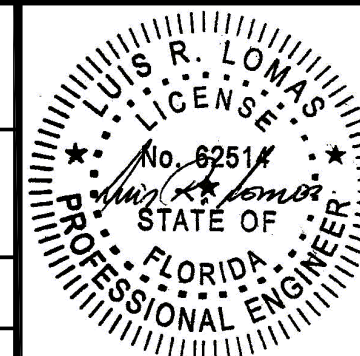
VERTICAL CROSS SECTION
 METAL STRUCTURE INSTALLATION
 WOOD SILL SHOWN, FOR BRONZE SILL INSTALLATION
 SEE SHEETS 20 AND 21



- 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

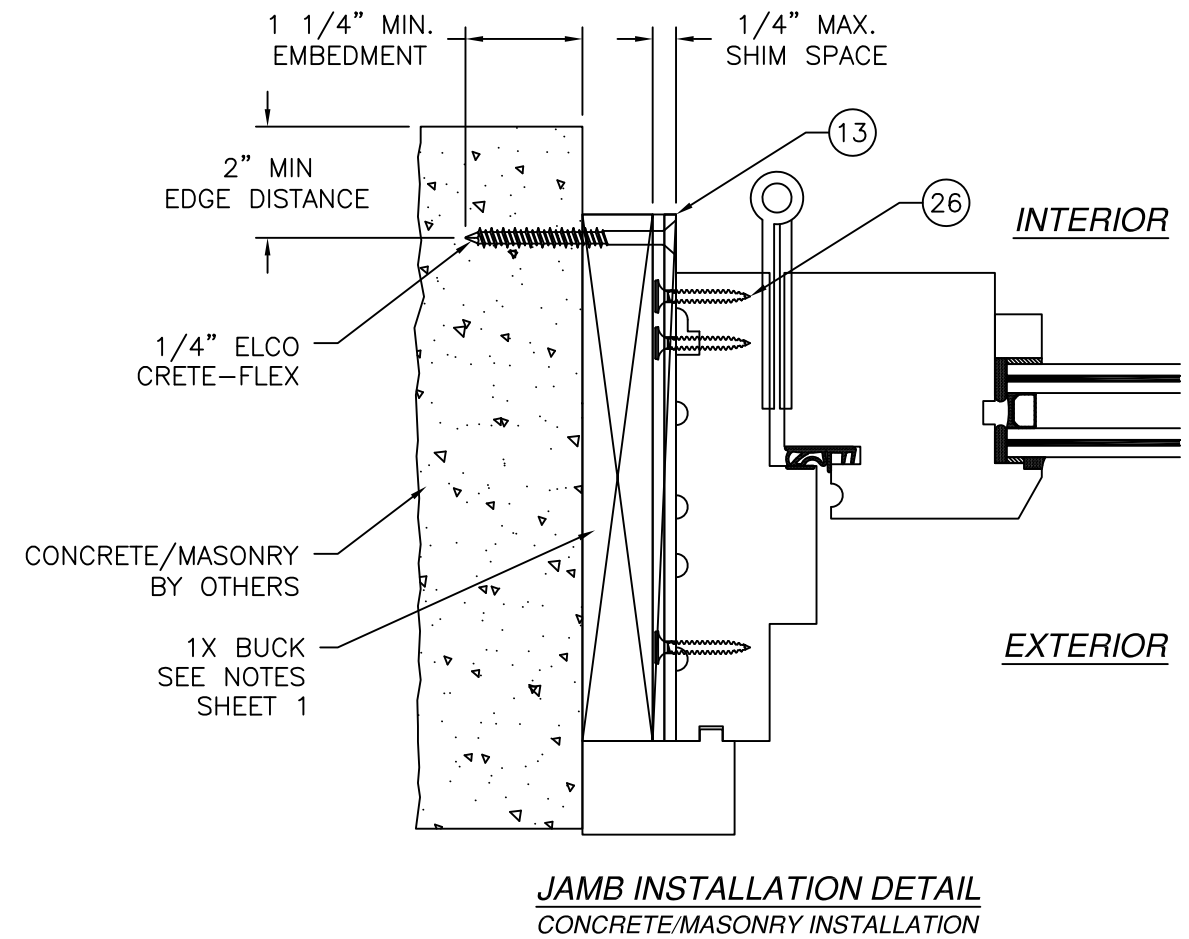
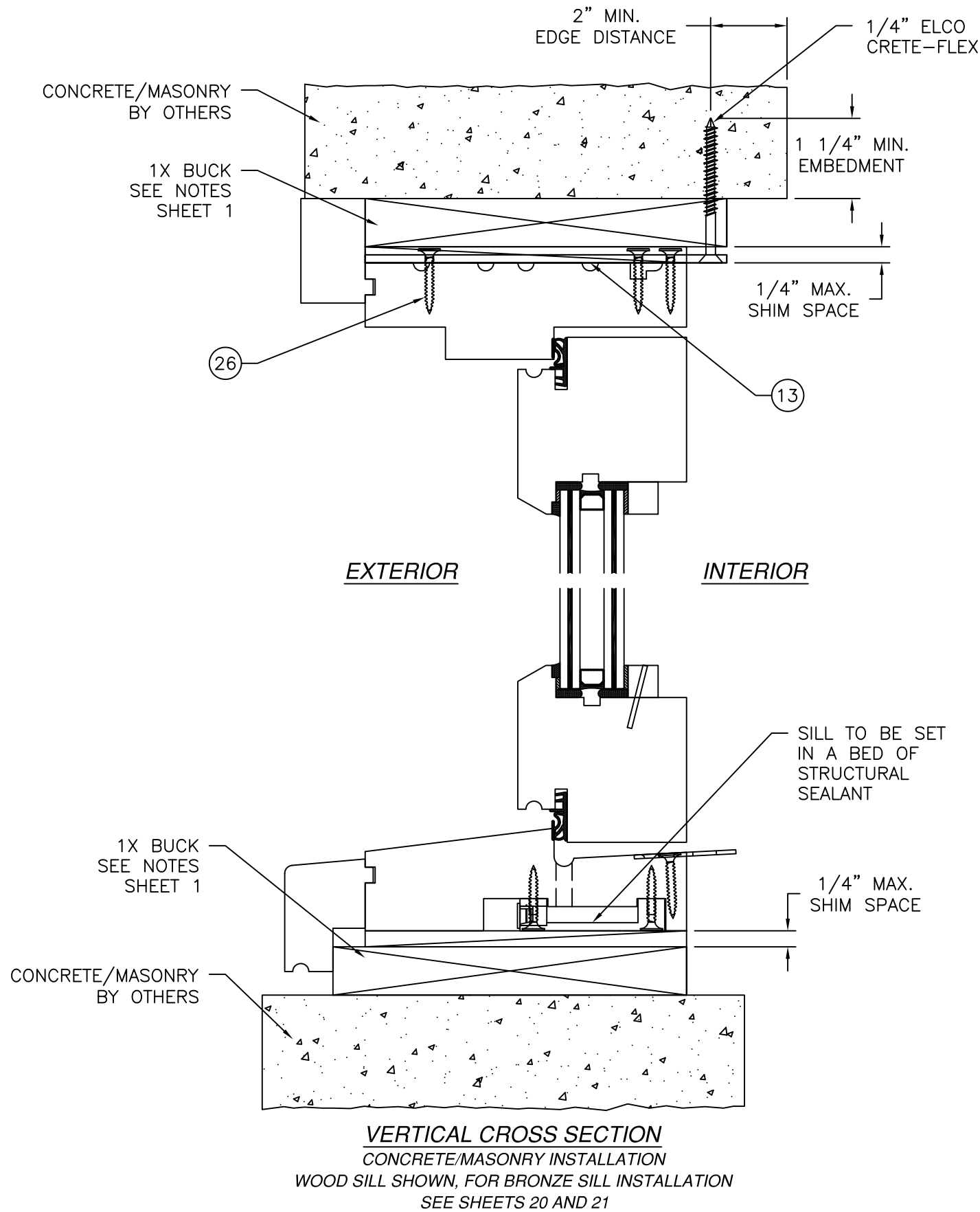
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT INSTALLATION DETAILS W/MOUNTING BRACKET		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 123 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 07/20/2026



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



- 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

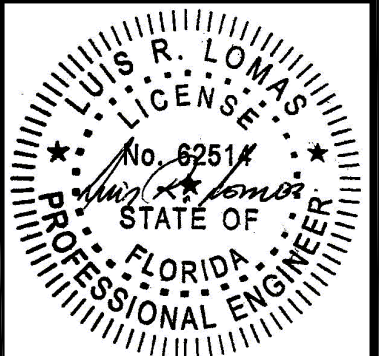
REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
INSTALLATION DETAILS W/MOUNTING BRACKET

DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 14 OF 23

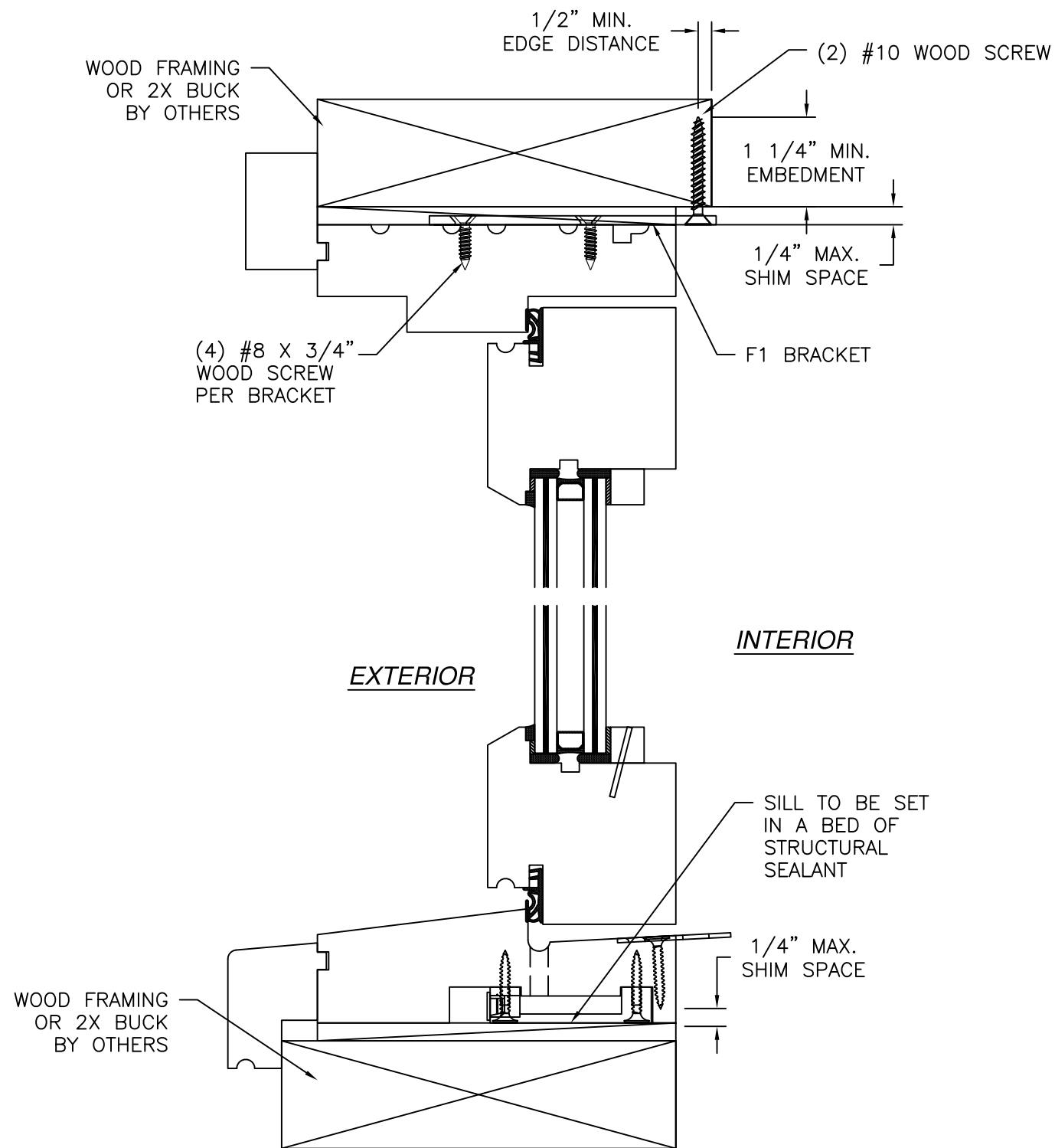
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/20/2026



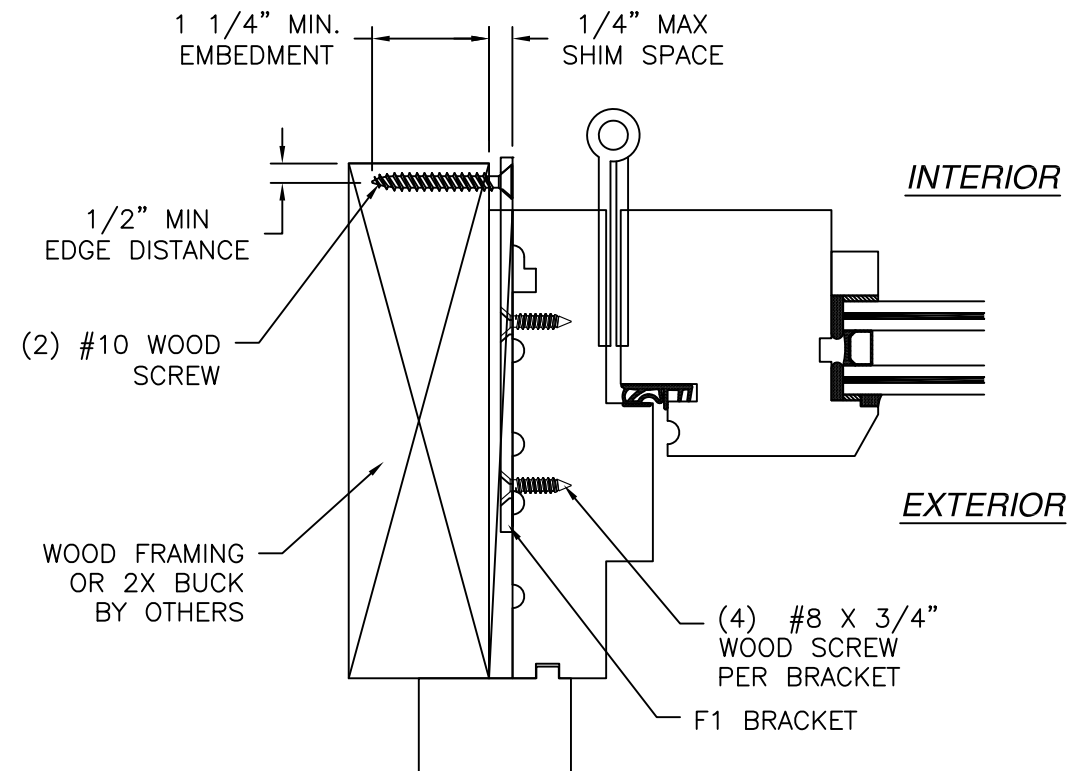
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
WOOD SILL SHOWN, FOR BRONZE SILL INSTALLATION
SEE SHEETS 20 AND 21

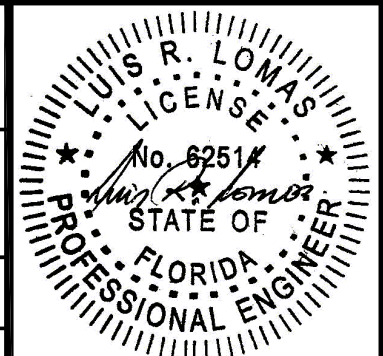
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS,
NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE
DESIGNED IN ACCORDANCE WITH ASTM E2112



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

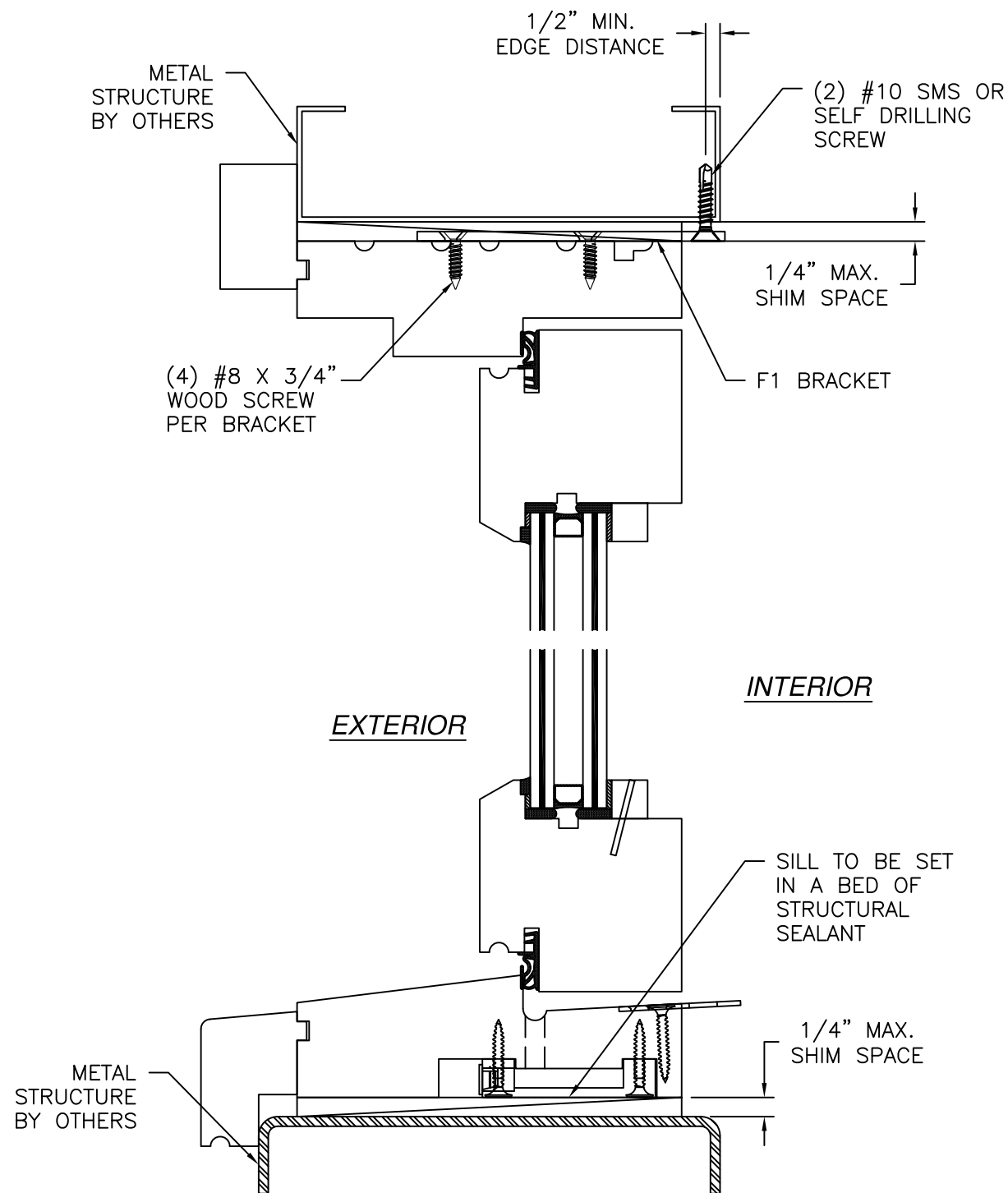
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT INSTALLATION DETAILS W/F1 BRACKET		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 15 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 07/20/2026



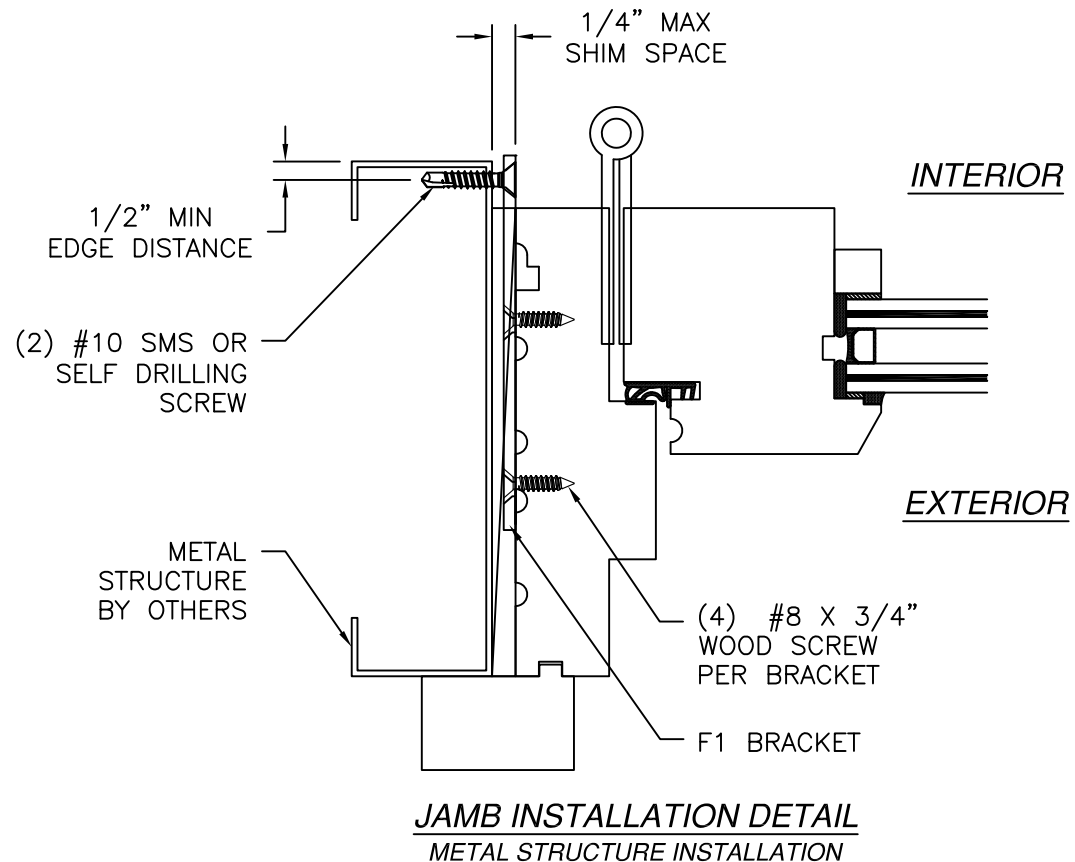
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
 METAL STRUCTURE INSTALLATION
 WOOD SILL SHOWN, FOR BRONZE SILL INSTALLATION
 SEE SHEETS 20 AND 21

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



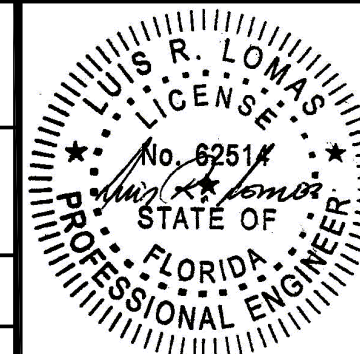
REILLY WINDOWS & DOORS
901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
INSTALLATION DETAILS W/F1 BRACKET

DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 16 OF 23

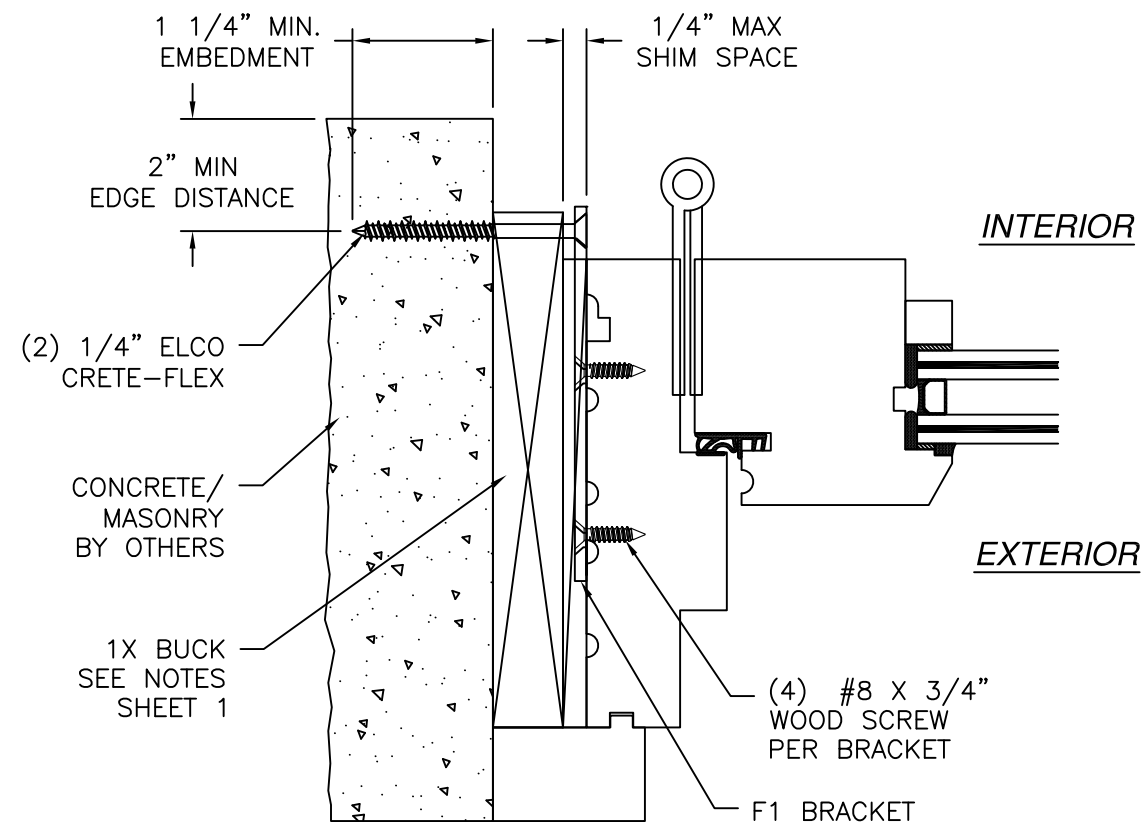
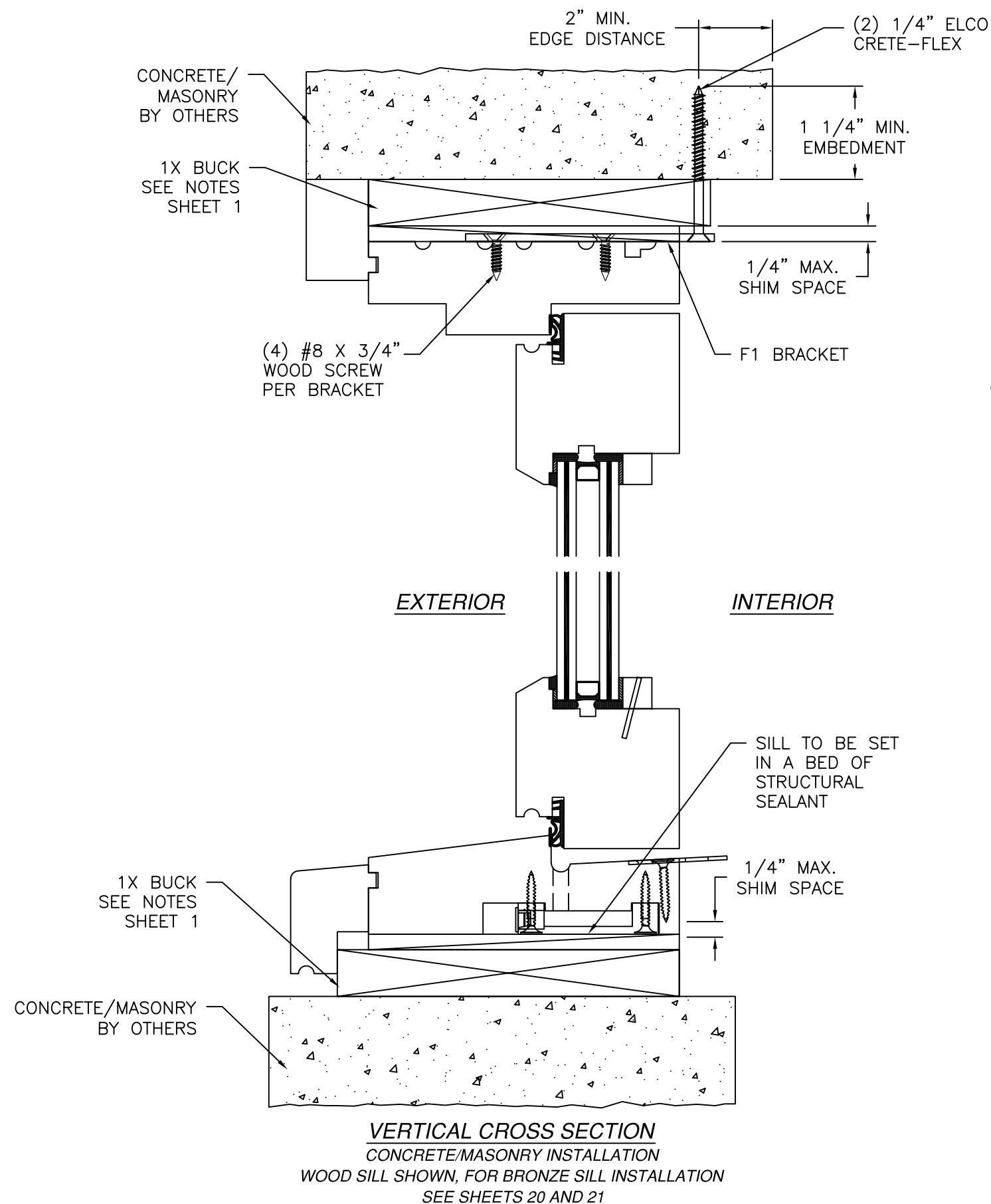
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/20/2026



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY 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: 07/20/2026

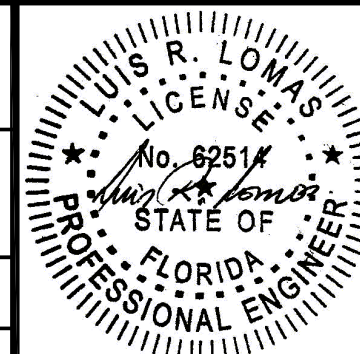
REILLY WINDOWS & DOORS

901 BURMAN BLVD.
CALVERTON, NY 11933

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
INSTALLATION DETAILS W/F1 BRACKET

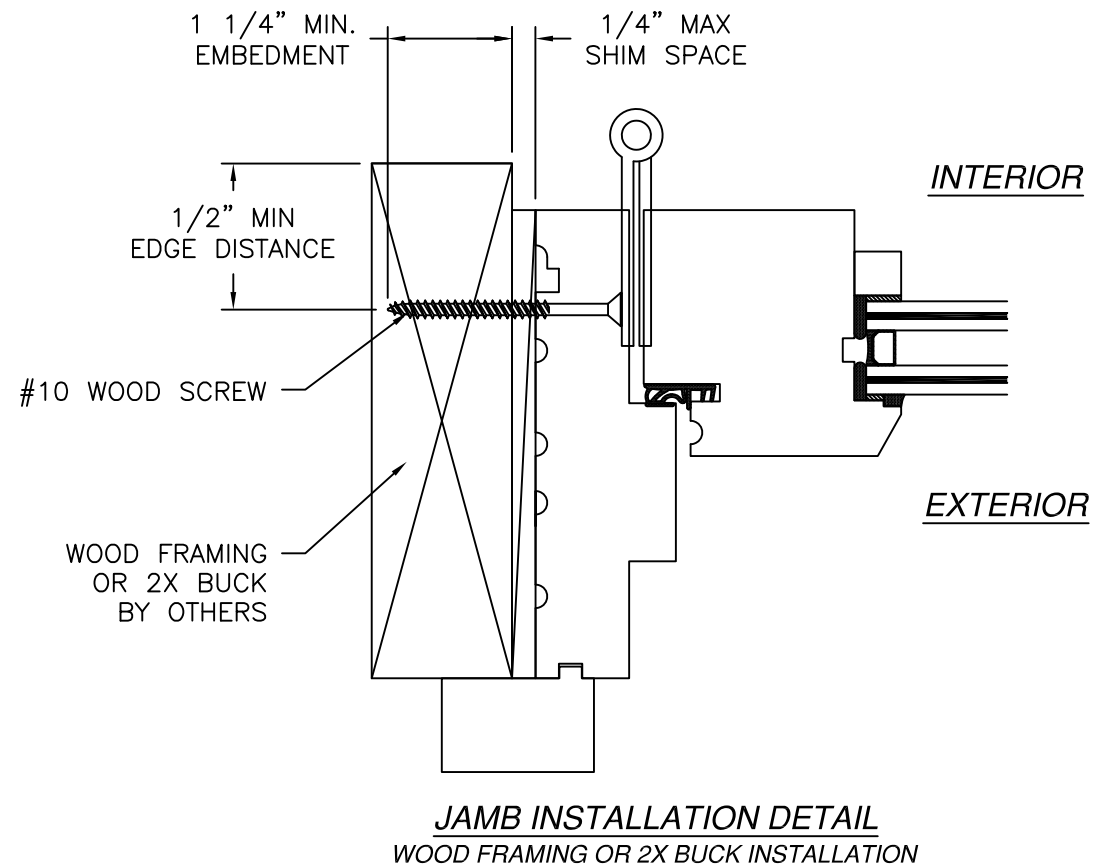
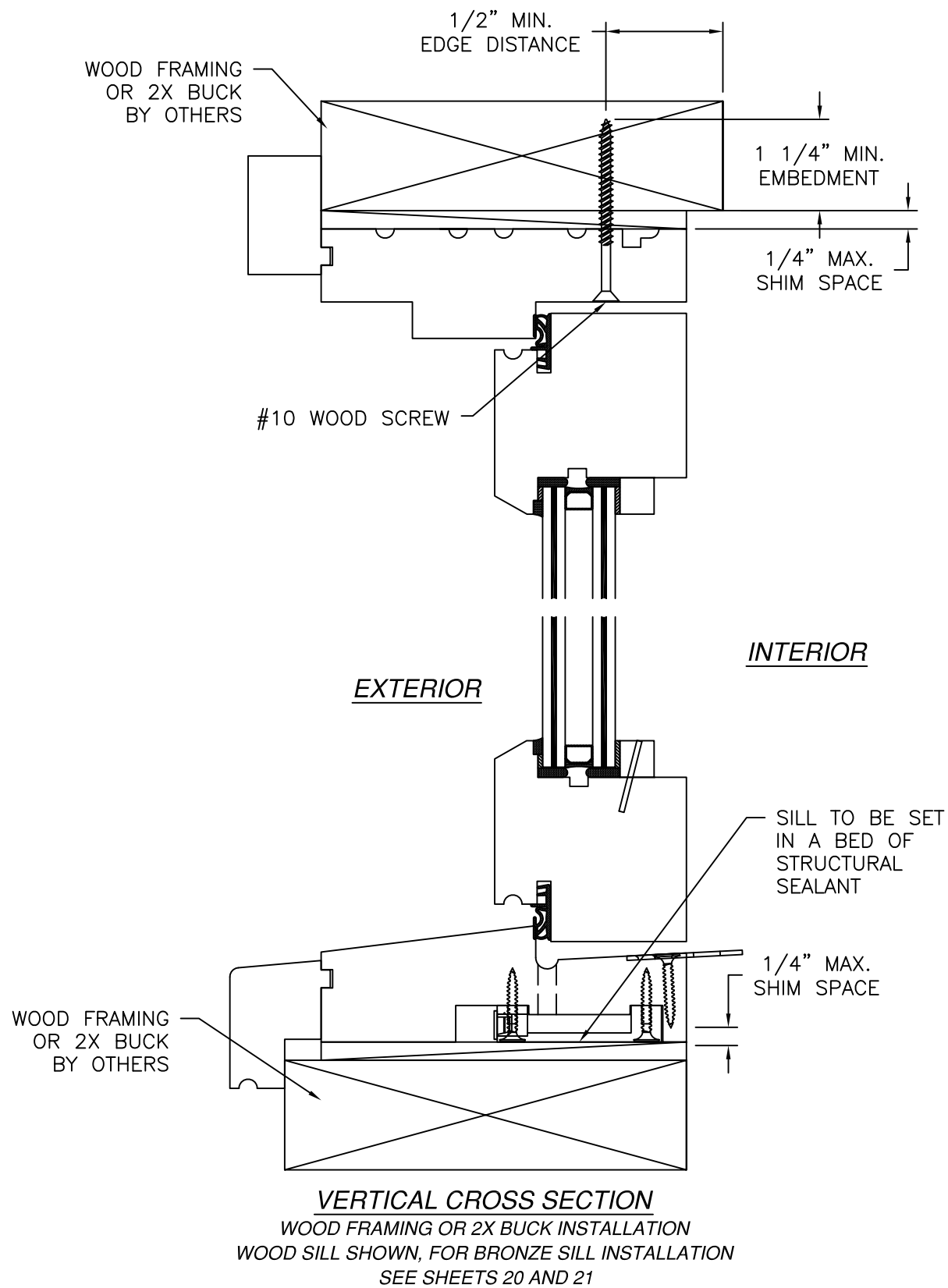
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 17 OF 23

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



- 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 IN-SWING
IMPACT
FRAME INSTALLATION DETAILS

DRAWN:
R.L.

DWG NO.
08-03986

REV
-

SCALE
NTS

DATE
11/14/23

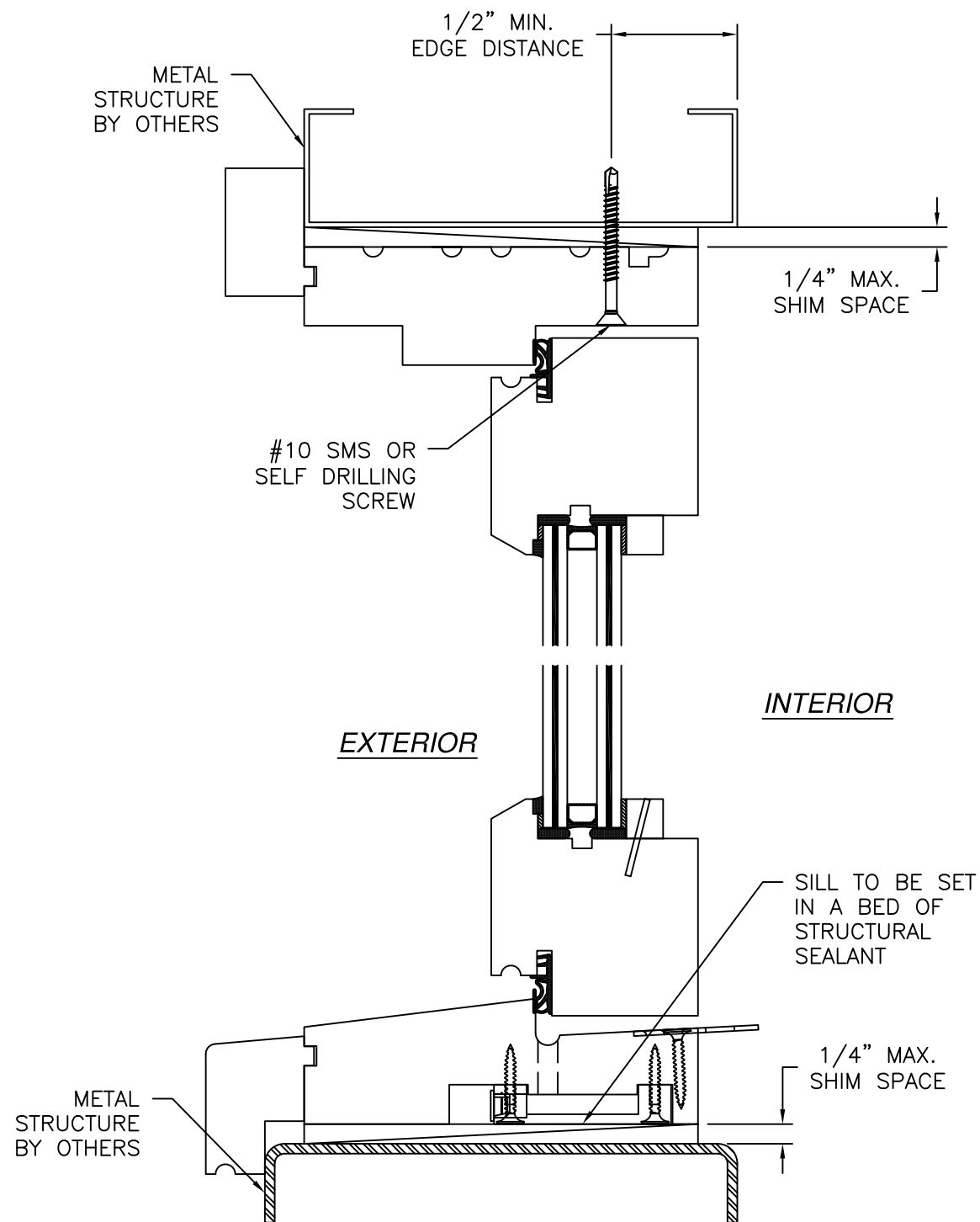
SHEET
18 OF 23

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

SIGNED: 07/20/2026

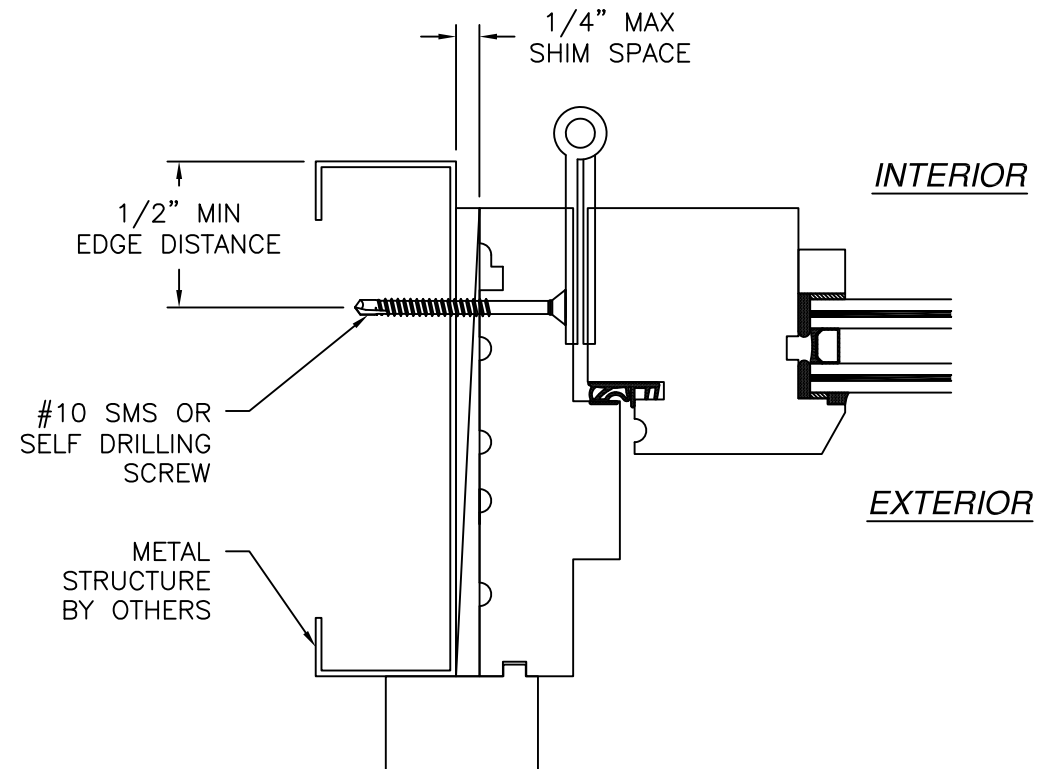
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
WOOD SILL SHOWN, FOR BRONZE SILL INSTALLATION
SEE SHEETS 20 AND 21

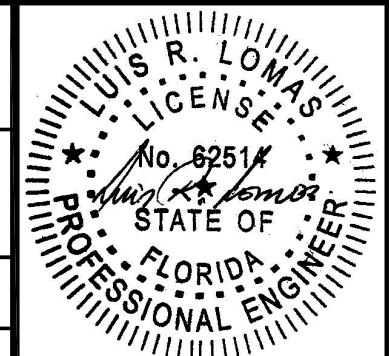
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS,
NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE
DESIGNED IN ACCORDANCE WITH ASTM E2112



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

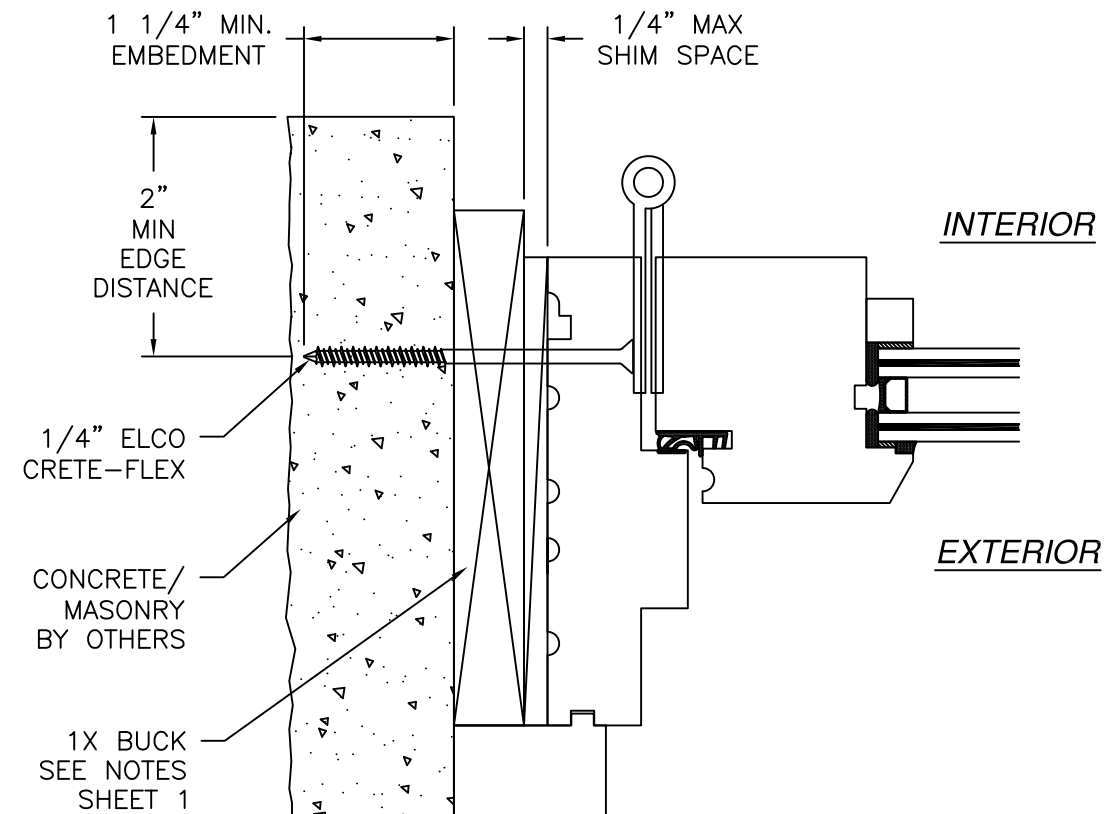
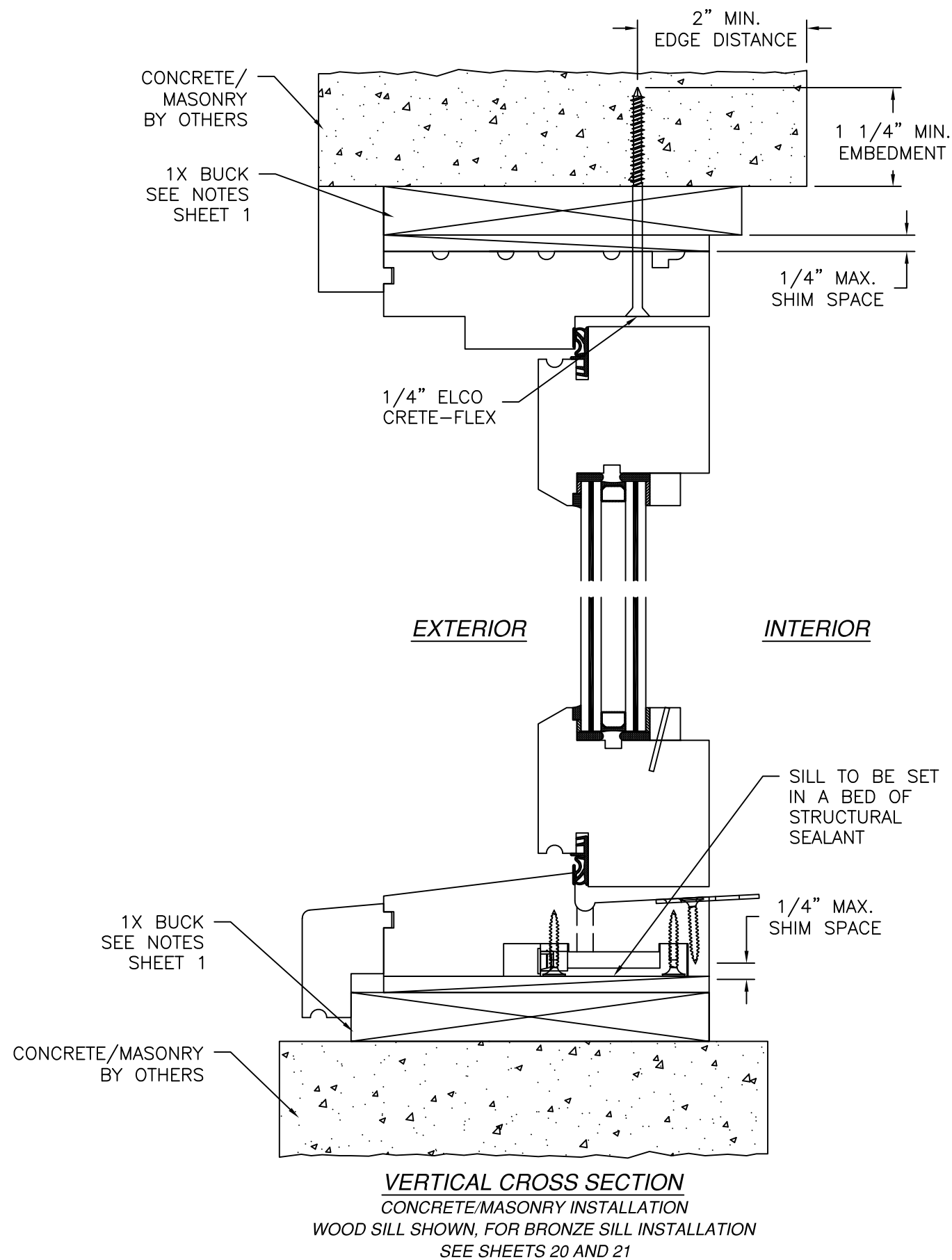
REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT FRAME INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 19 OF 23
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 07/20/2026



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

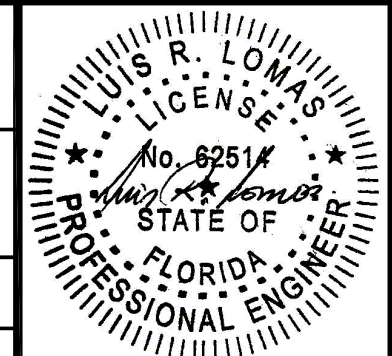


JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

- 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

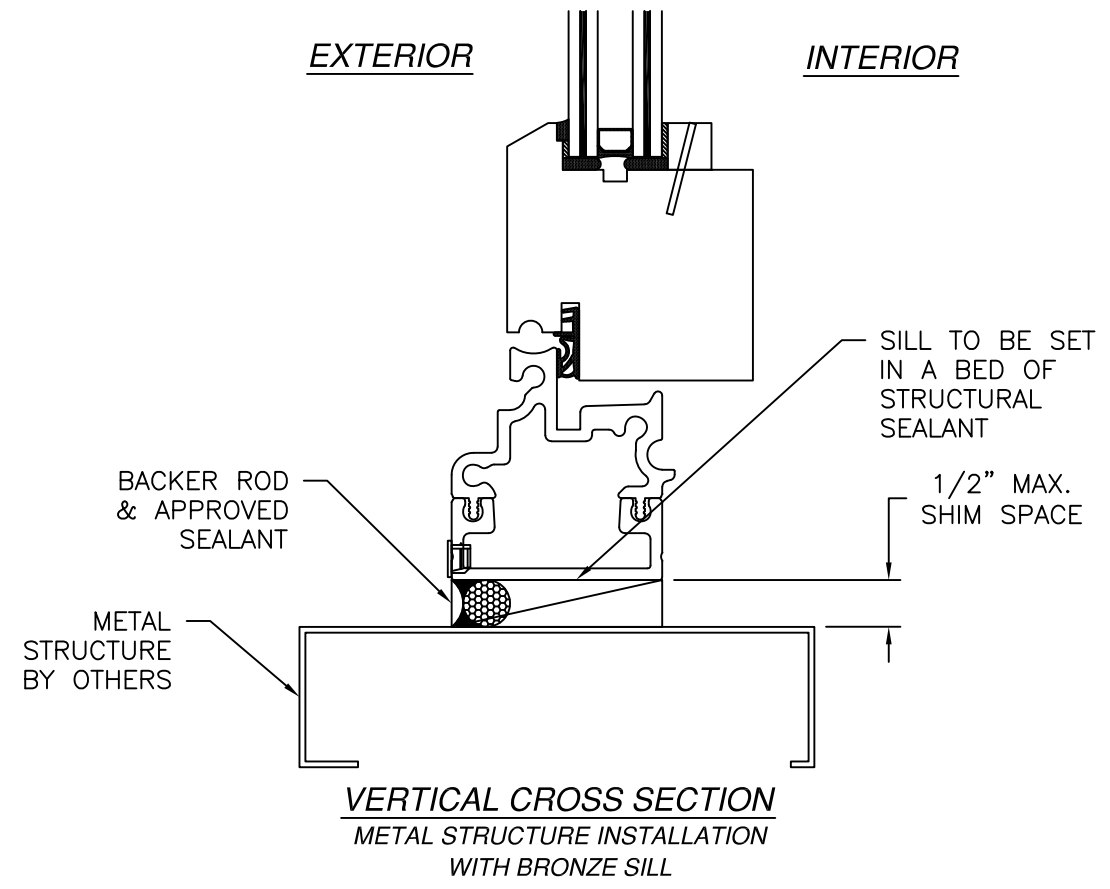
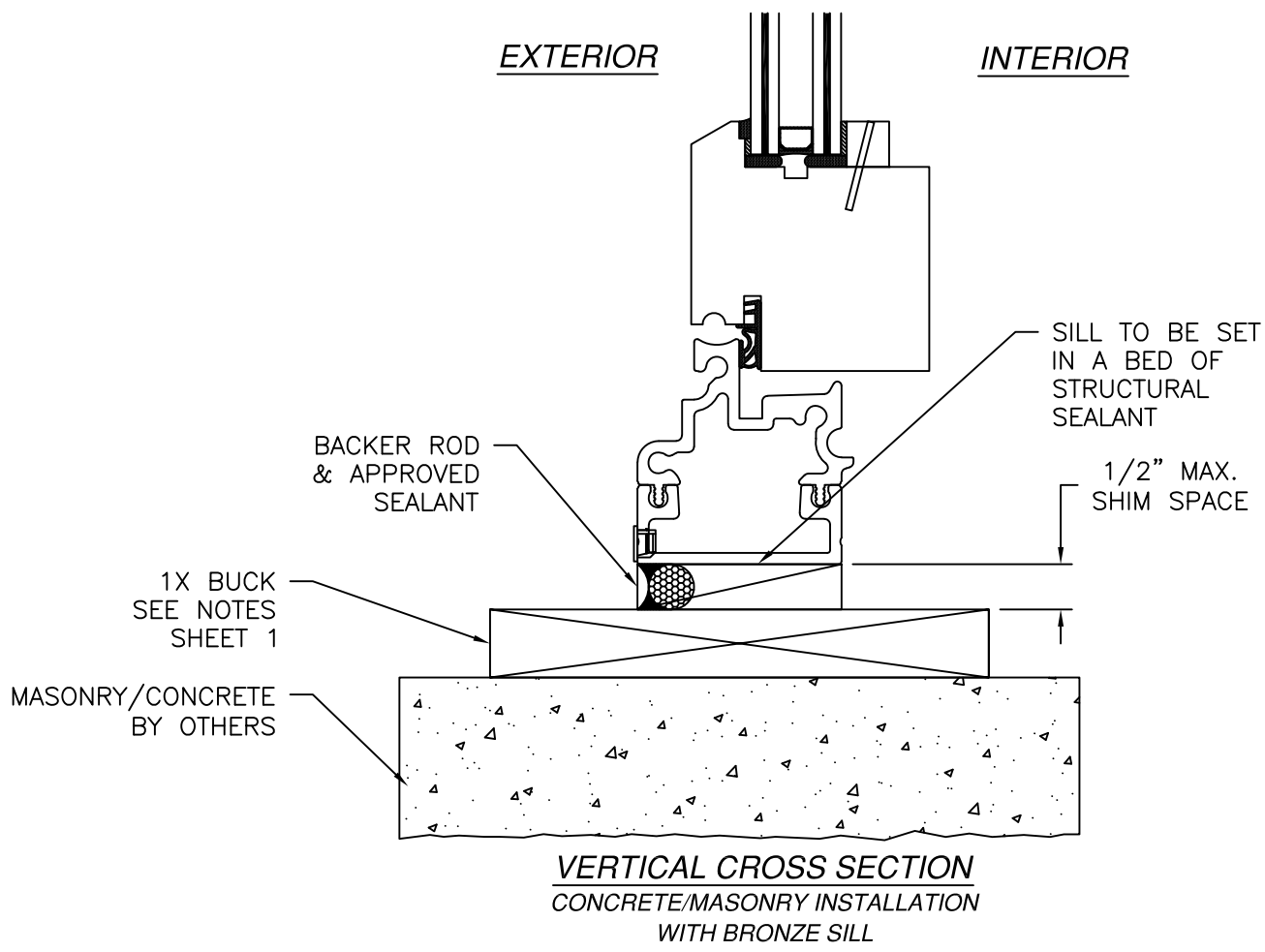
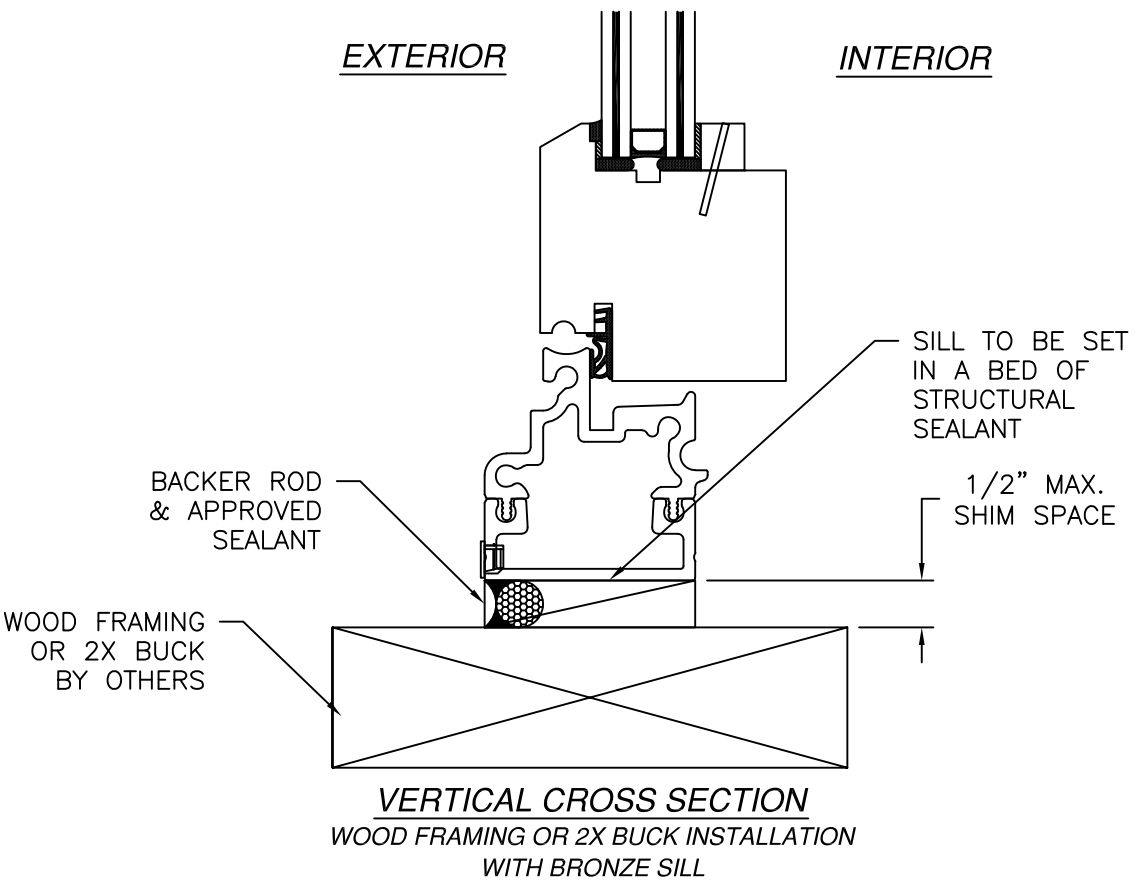
SIGNED: 07/20/2026

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933		
RWD WOOD FRENCH DOOR IN-SWING IMPACT FRAME INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 20 OF 23
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



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

RWD WOOD FRENCH DOOR IN-SWING
IMPACT
INSTALLATION DETAILS W/BRONZE SILL

DRAWN: R.L.	DWG NO. 08-03986	REV -
SCALE NTS	DATE 11/14/23	SHEET 21 OF 23

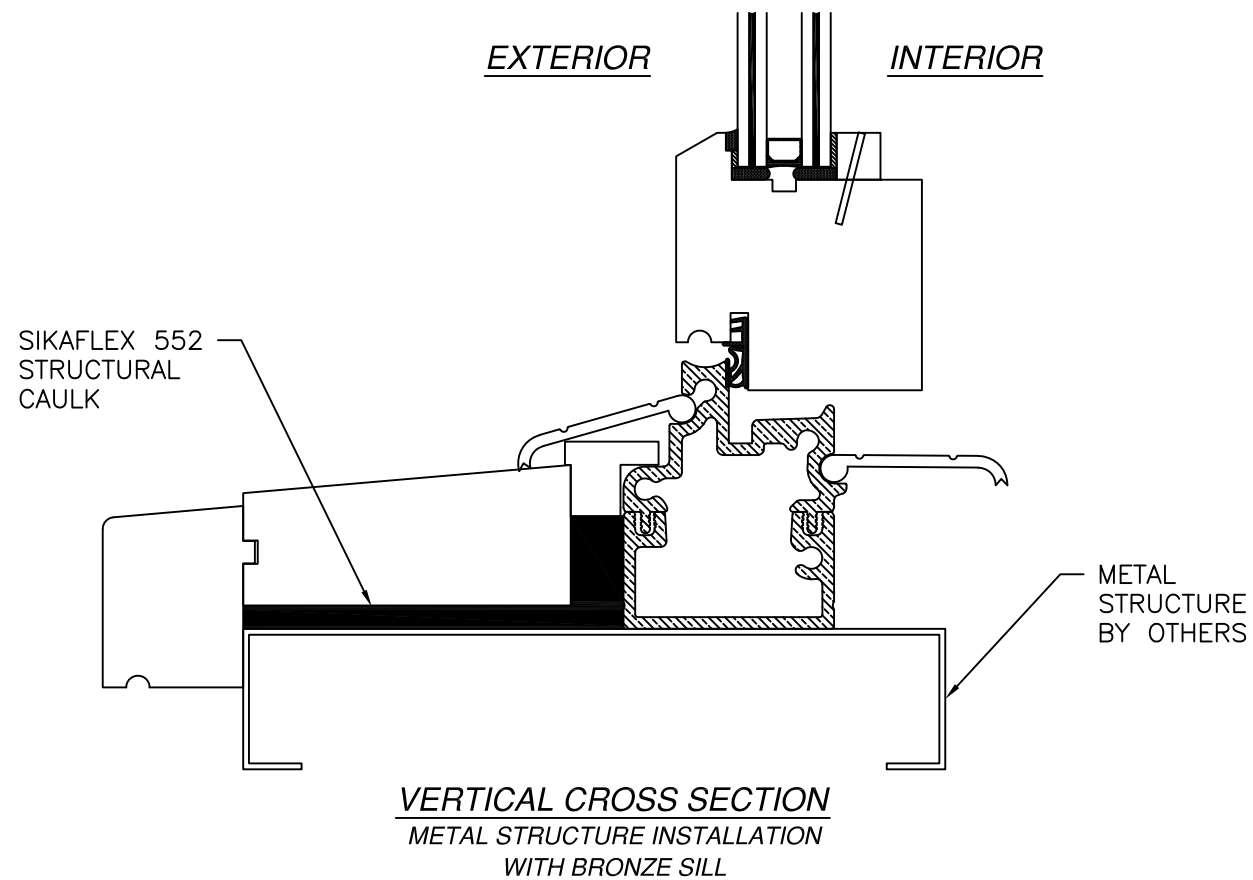
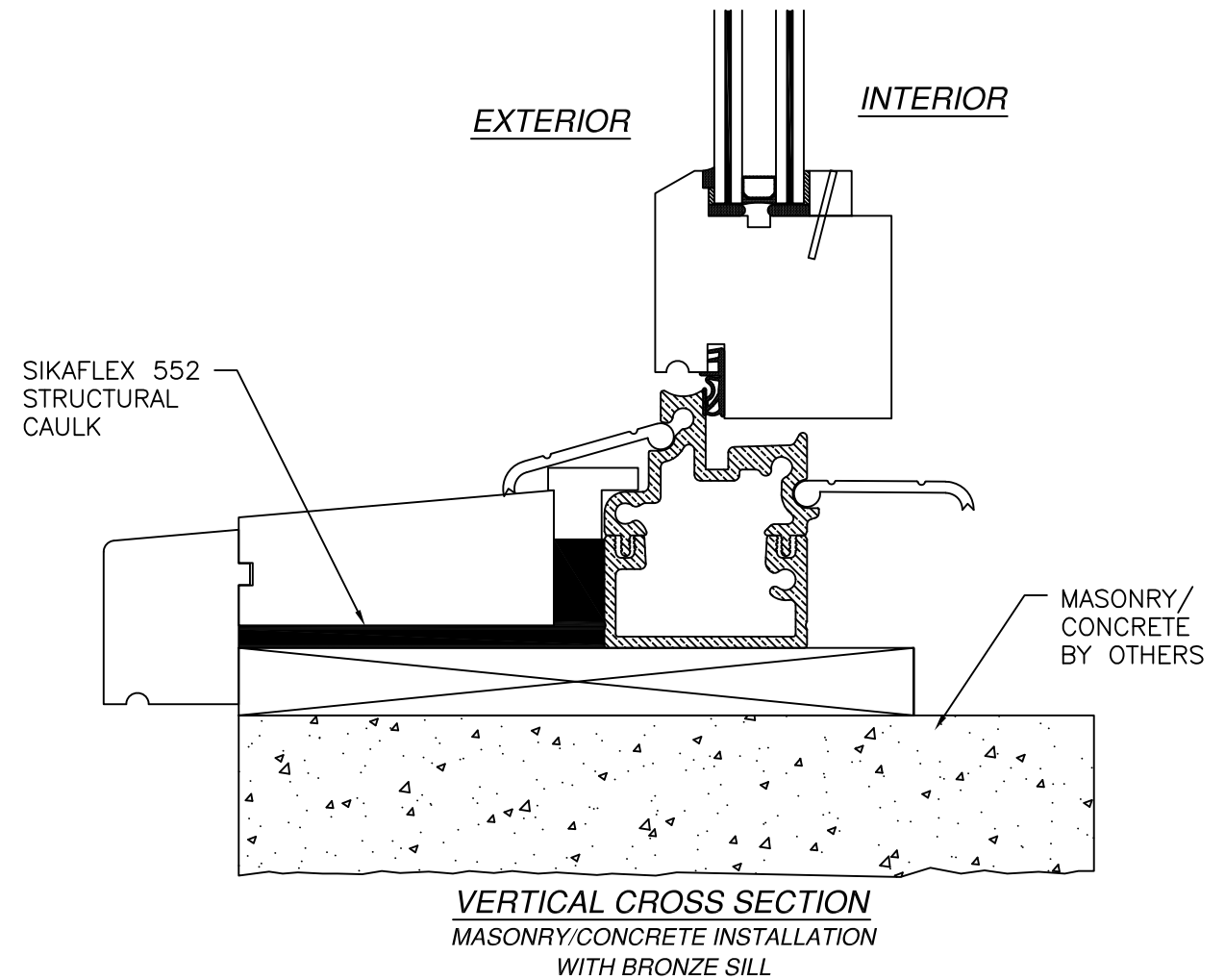
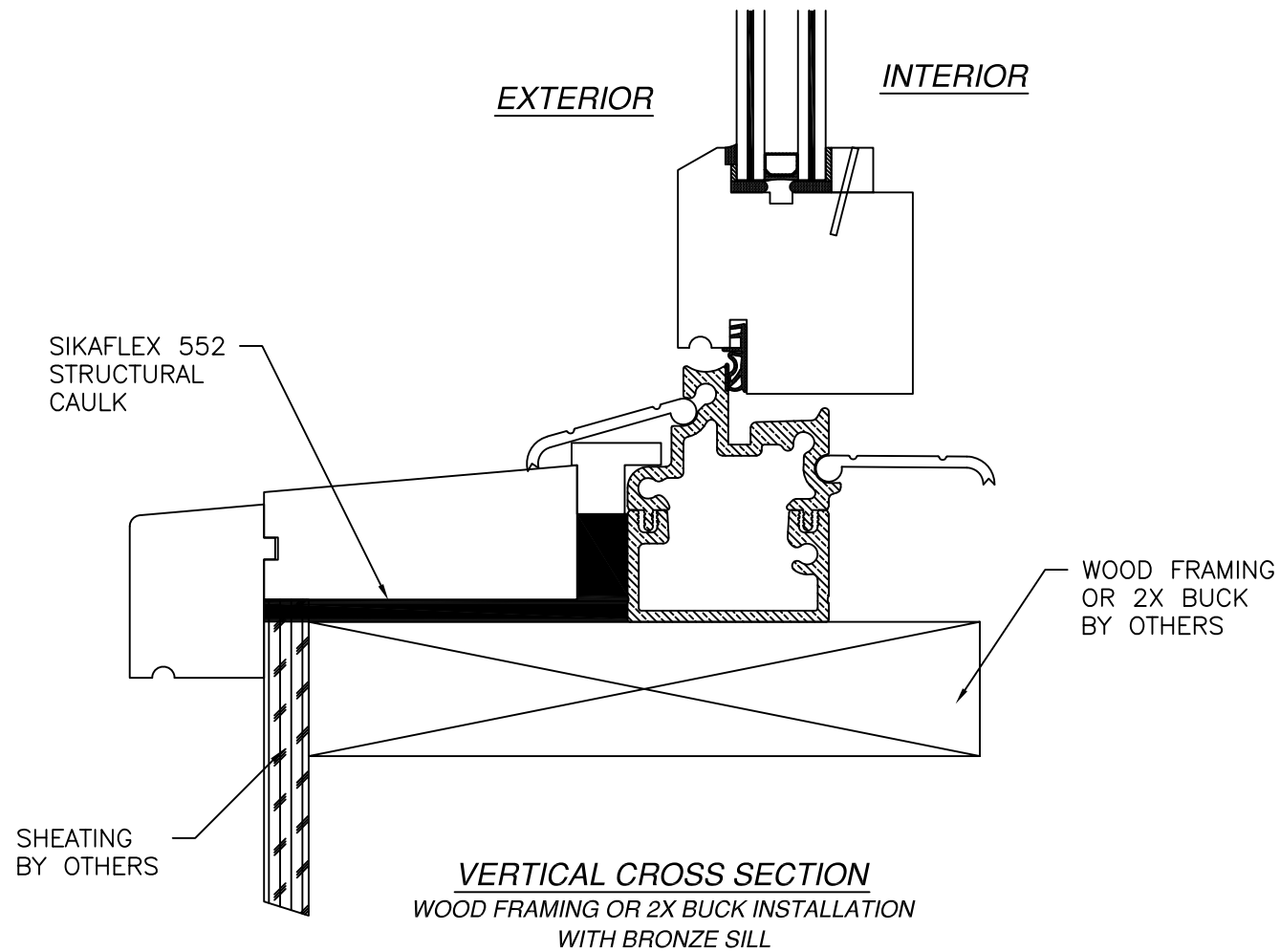
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 07/20/2026

L. ROBERTO LOMAS
P.E.
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SIGNED: 07/20/2026

REILLY WINDOWS & DOORS 901 BURMAN BLVD. CALVERTON, NY 11933			
RWD WOOD FRENCH DOOR IN-SWING IMPACT INSTALLATION DETAILS W/BRONZE SILL			
DRAWN: R.L.	DWG NO. 08-03986	REV -	
SCALE NTS	DATE 11/14/23	SHEET 22 OF 23	
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

