

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1–1/2” UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
5. WHERE WOOD BUCK THICKNESS IS 1–1/2” OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS.
6. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
7. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16” OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4”.
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: MAHOGANY.
12. UNITS MUST BE GLAZED PER ASTM E1300–04/09, SEE SHEET 3 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. 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.

15. FOR ANCHORING THROUGH INSTALLATION CLIP AND ANGLE CLIP INTO METAL STRUCTURE OR 2X BUCK 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. 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.
17. FOR ANCHORING 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.
18. 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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

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1	NOTES
2 – 3	ELEVATIONS
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REILLY WINDOW & DOORS
901 BURMAN BLVD., BLDG 701
CALVERTON, NY 11933

RWD WOOD OUTSWING FRENCH CASEMENT
IMPACT – HVHZ
NOTES

DRAWN:
J.L.

DWG NO.
08–02430B

REV
B

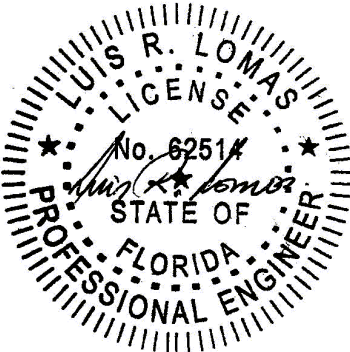
SCALE NTS

DATE 08/04/14

SHEET 1 OF 15

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

SIGNED: 02/11/2026

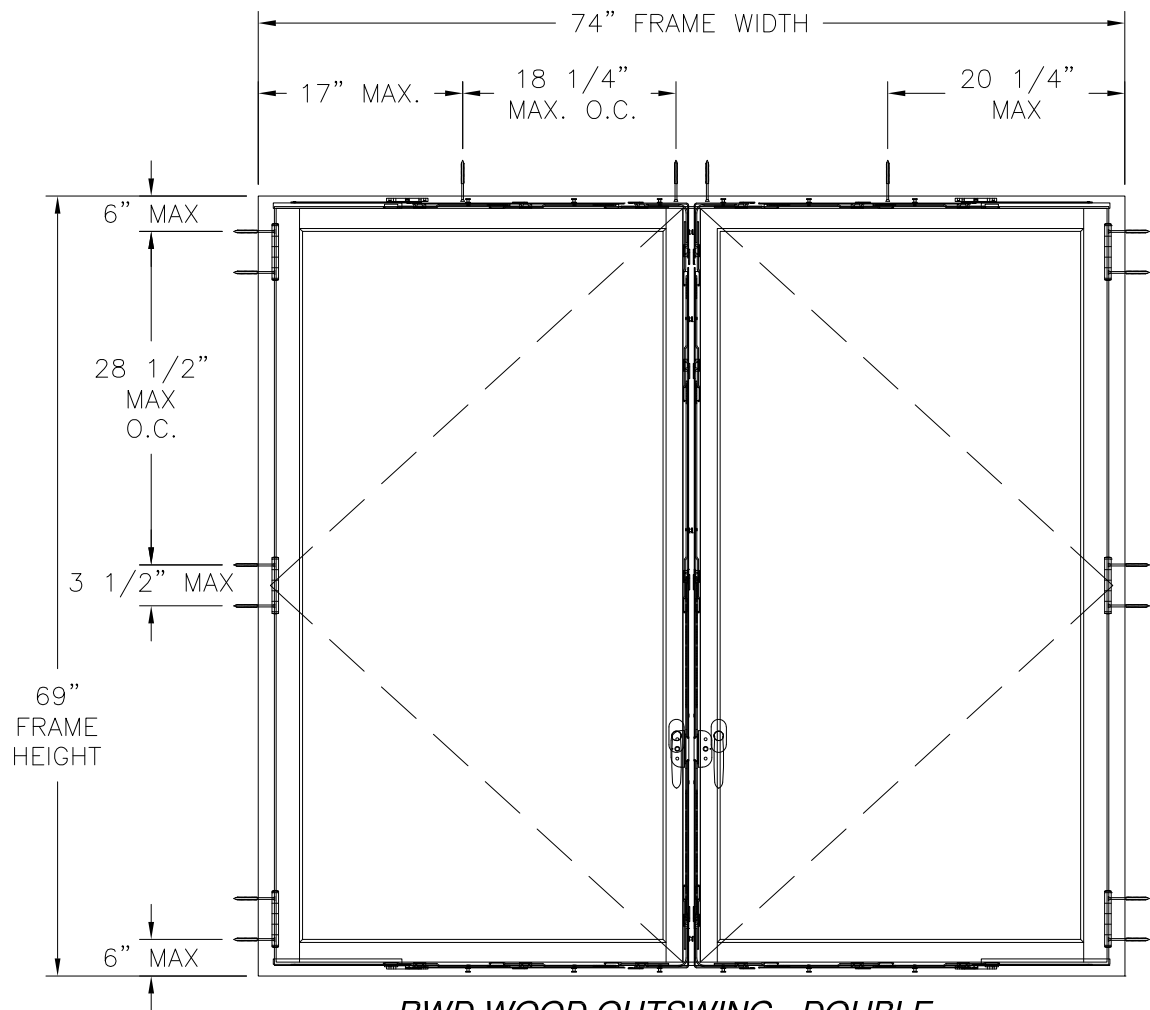


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FL No.: 62514

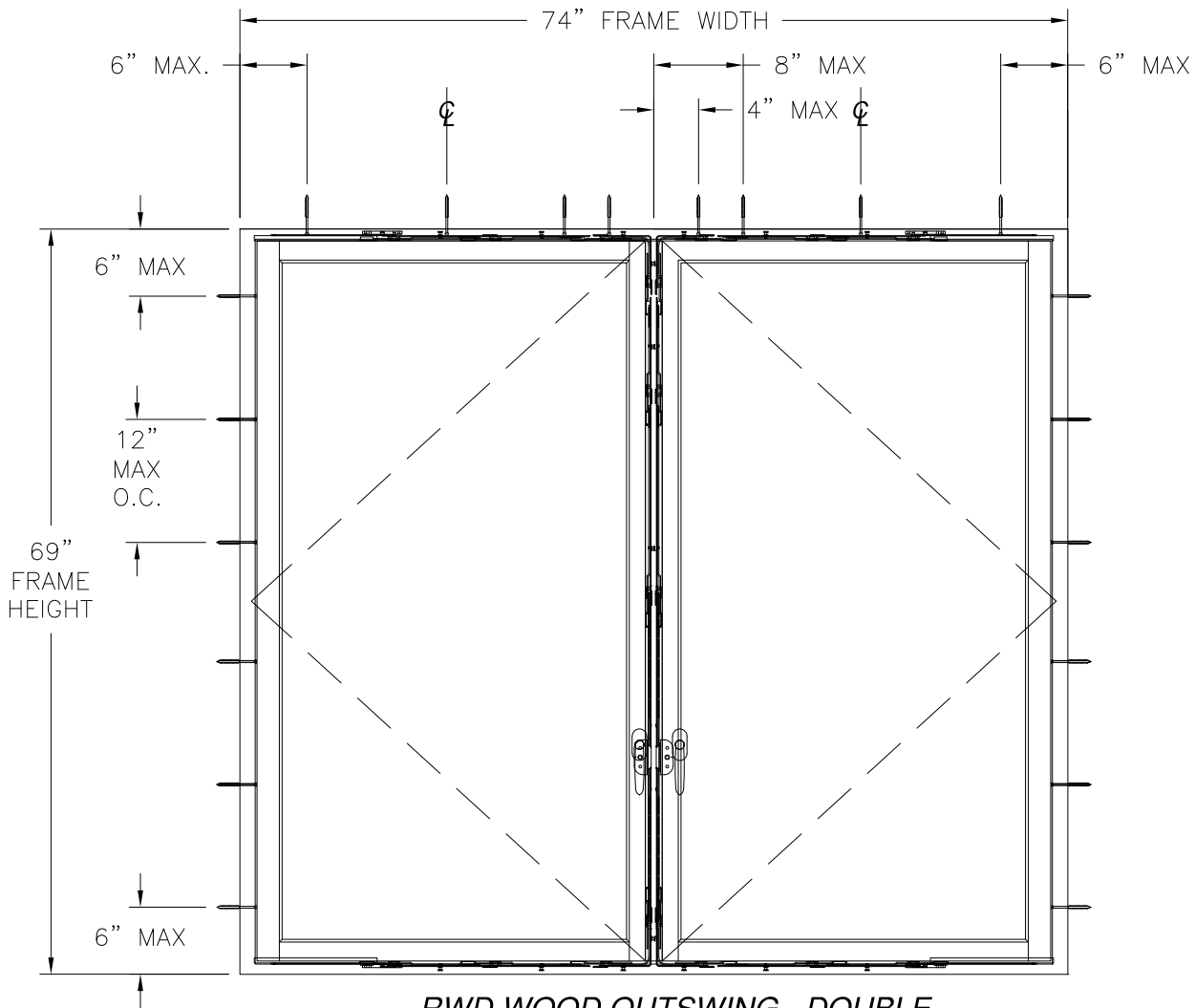
NOTES:

1. PANEL SIZE: 36" X 64 3/8"
2. D.L.O.: 31 1/2" X 61 1/4"
3. FRAME HEAD TO JAMB CORNERS WERE COPED, BUTTED AND JOINED TOGETHER WITH #10X4-3/4" WOOD SCREWS AND SEALED WITH BINDAN D4.
4. 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.
5. RAILS AND STILES ARE COPED, BUTTED AND JOINED WITH .394"X3.150" DOWELS, GLUED AND SEALED WITH BINDAN D4.
6. HINGES ARE LOCATED 5" FROM EACH END AND 28 1/2" MAX O.C. THERAFTER.

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RWD WOOD OUTSWING - DOUBLE
EXTERIOR VIEW (ANCHORS THROUGH HARDWARE & HINGES)



RWD WOOD OUTSWING - DOUBLE
EXTERIOR VIEW (ANCHORS THROUGH FRAME)

WEEP HOLES:
(6) 1/4" WEEP HOLES LOCATED 12" MAX O.C. USING
ASHLAND PROWEEP 60606

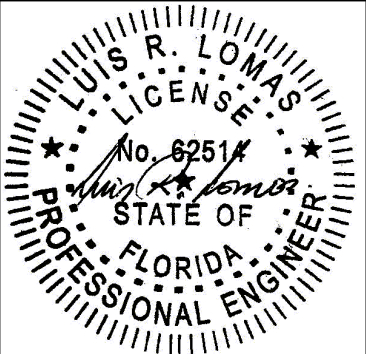
DESIGN PRESSURE RATING	IMPACT RATING
±65.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
FOR ADDITIONAL SIZES SEE CHART #1 SHEET 3
36" X 64 3/8" PANEL SHOWN. OTHER SIZES APPROVED AS LONG AS
PANEL AREA DOES NOT EXCEED 16.09 FT²

HARDWARE SCHEDULE	
A.	(6) BUTT HINGES BUTTON TIP UNLACQ POLISHED BRASS AT JAMBS
B.	(4) RWD CUSTOM SURFACE BOLTS AT BOTTOM AND TOP OF KEEPER/LOCK STILES
C.	(4) KEEPERS FOR SURFACE BOLTS AT HEAD/SILL
D.	(1) SINGLE POINT HOPPE STEEL LOCKING SYSTEM AT MEETING STILE

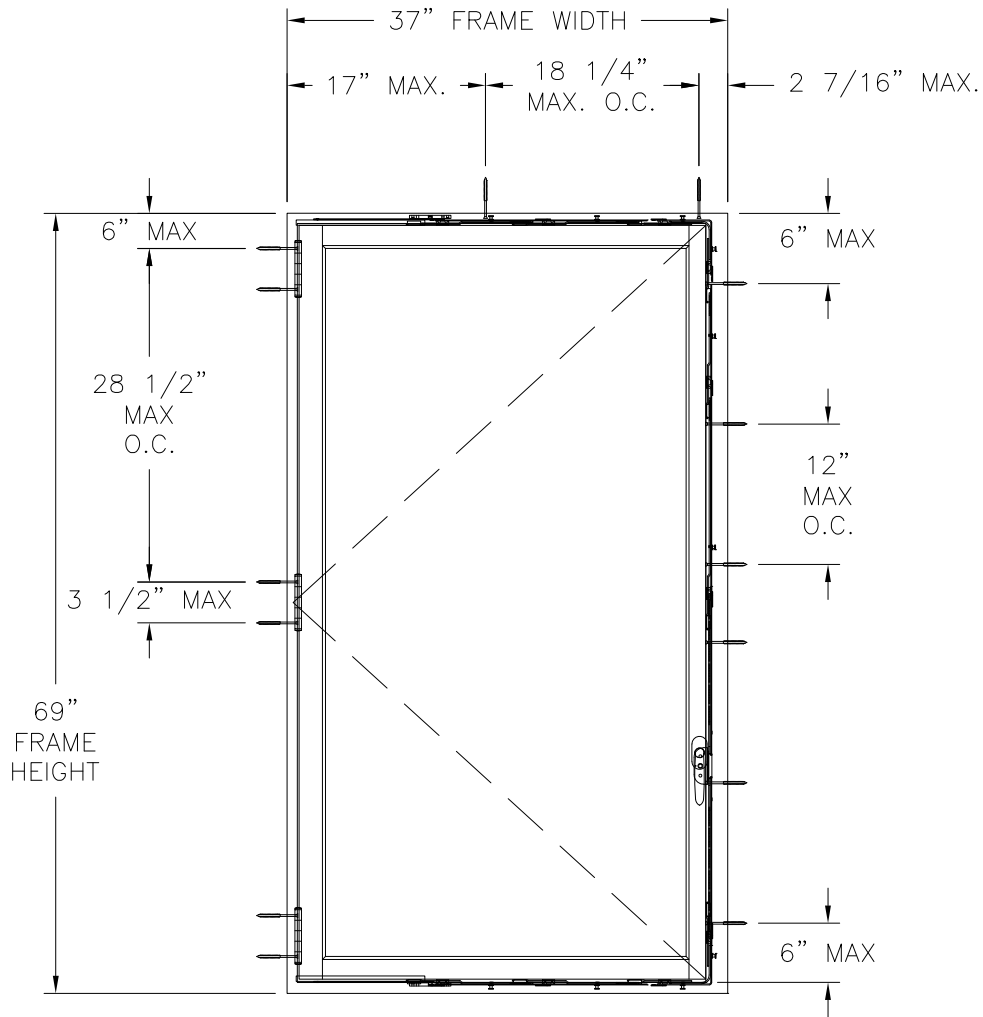
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT – HVHZ DOUBLE ELEVATION		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 2 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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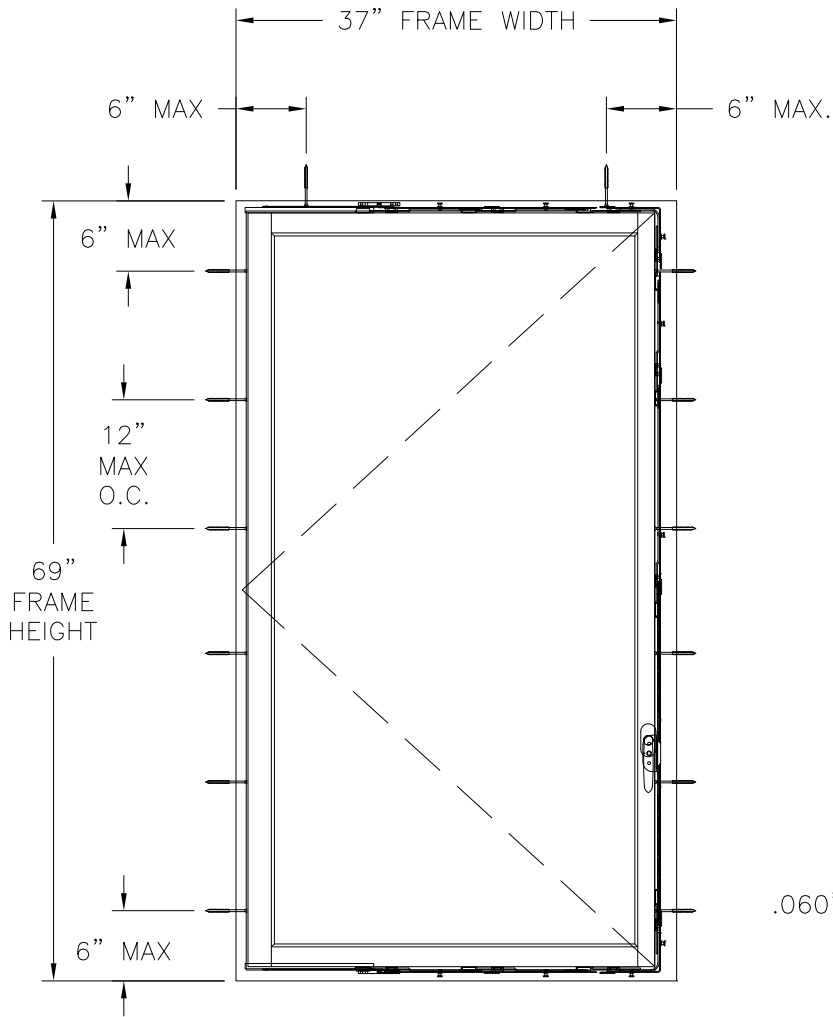


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RWD WOOD OUTSWING - SINGLE
EXTERIOR VIEW (ANCHORS THROUGH HARDWARE & HINGES)

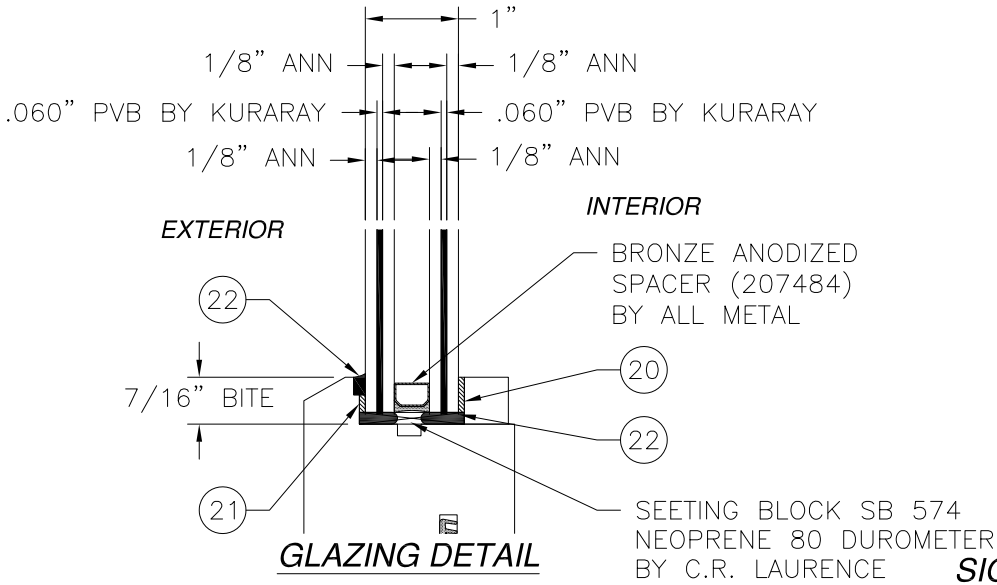


RWD WOOD OUTSWING - SINGLE
EXTERIOR VIEW (ANCHORS THROUGH FRAME)

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

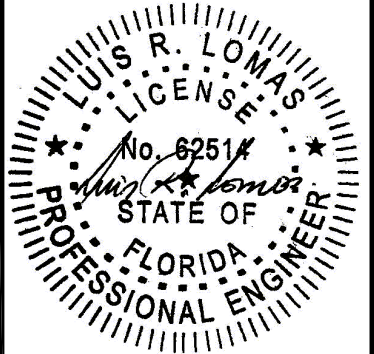
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
FOR ADDITIONAL SIZES SEE CHART #1, THIS SHEET
36" X 64 3/8" PANEL SHOWN. OTHER SIZES APPROVED AS LONG AS
PANEL AREA DOES NOT EXCEED 16.09 FT²

CHART #1 Maximum design pressure capacity chart (psf)												
Panel Height (in)	Panel width (in)											
	18.0		24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
30.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
36.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	74.9	74.9
42.00	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	71.4	71.4
48.00	75.0	75.0	75.0	75.0	75.0	75.0	74.9	74.9	71.4	71.4	70.2	70.2
54.00	75.0	75.0	75.0	75.0	75.0	75.0	70.2	70.2	65.7	65.7	-	-
60.00	75.0	75.0	75.0	75.0	74.9	74.9	66.9	66.9	-	-	-	-
64.38	75.0	75.0	75.0	75.0	73.3	73.3	65.0	65.0	-	-	-	-
66.00	75.0	75.0	75.0	75.0	72.7	72.7	-	-	-	-	-	-
72.00	75.0	75.0	75.0	75.0	71.0	71.0	-	-	-	-	-	-
74.00	75.0	75.0	75.0	75.0	70.5	70.5	-	-	-	-	-	-
84.00	75.0	75.0	75.0	75.0	-	-	-	-	-	-	-	-
90.00	75.0	75.0	75.0	75.0	-	-	-	-	-	-	-	-
96.00	75.0	75.0	75.0	75.0	-	-	-	-	-	-	-	-
102.00	75.0	75.0	-	-	-	-	-	-	-	-	-	-
108.00	75.0	75.0	-	-	-	-	-	-	-	-	-	-
114.00	75.0	75.0	-	-	-	-	-	-	-	-	-	-
120.00	75.0	75.0	-	-	-	-	-	-	-	-	-	-



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REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT – HVHZ ELEVATIONS AND GLAZING DETAIL		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 3 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

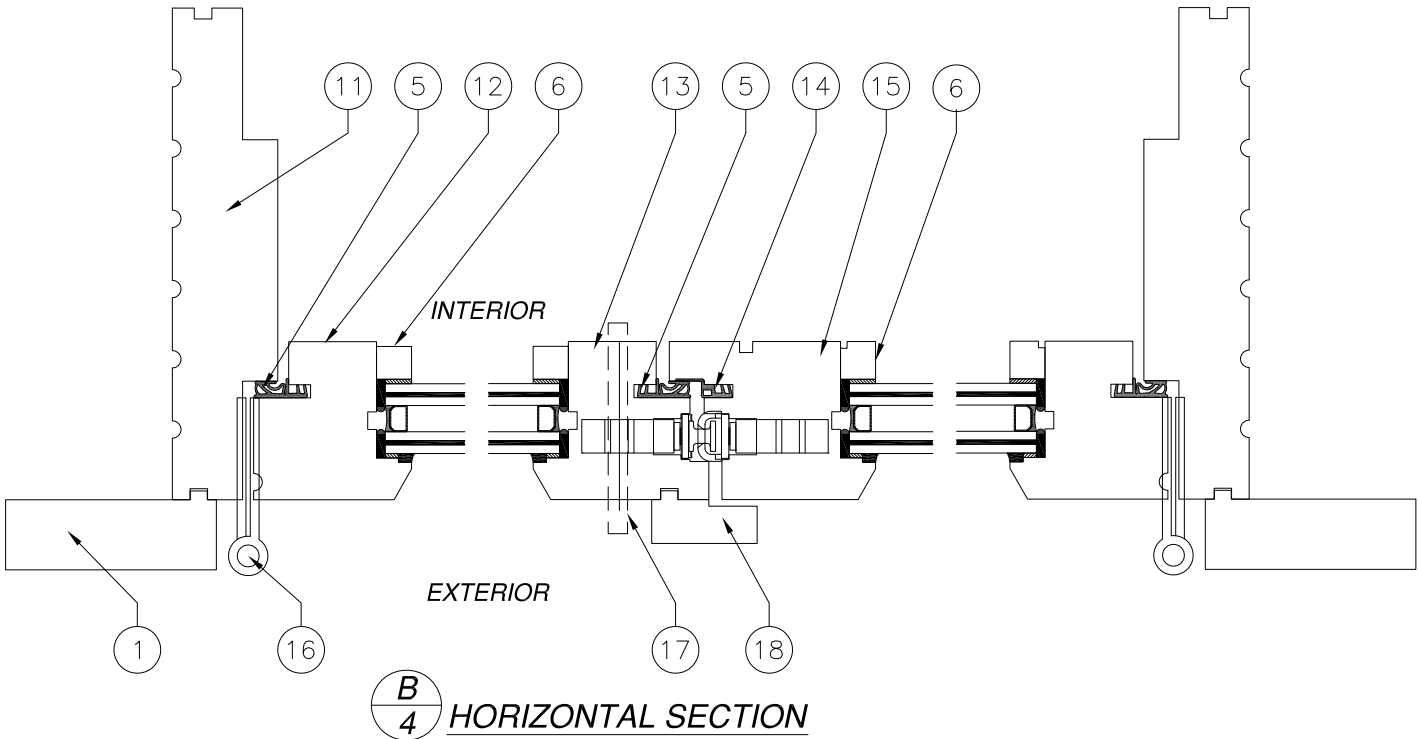
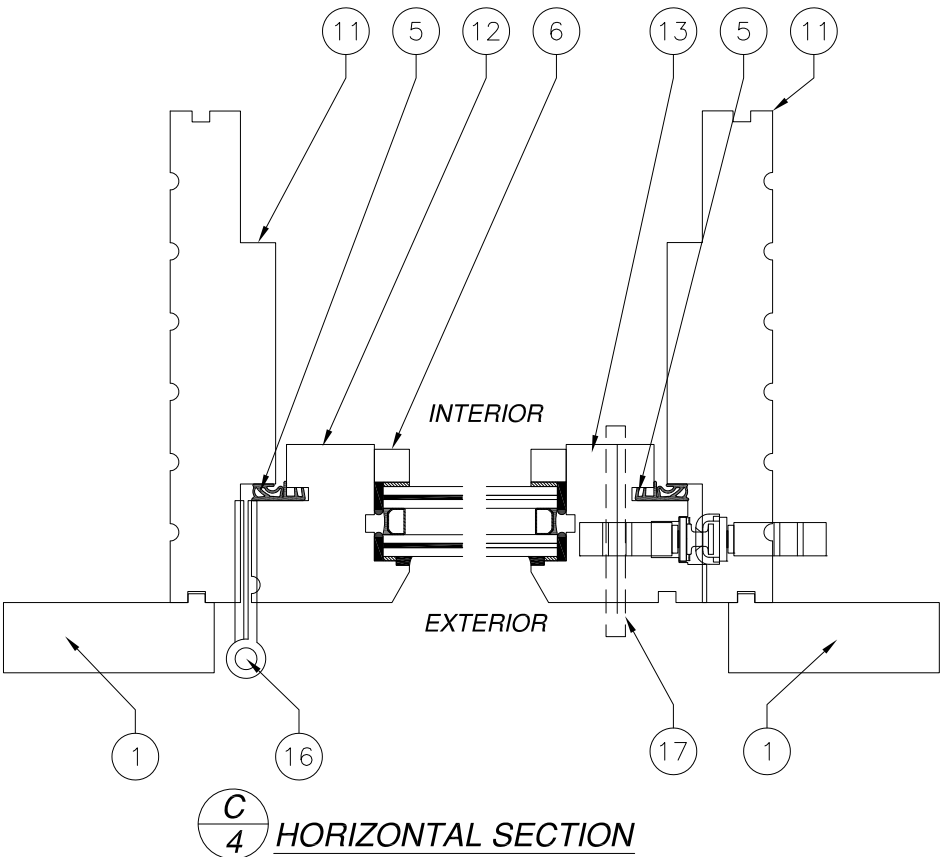
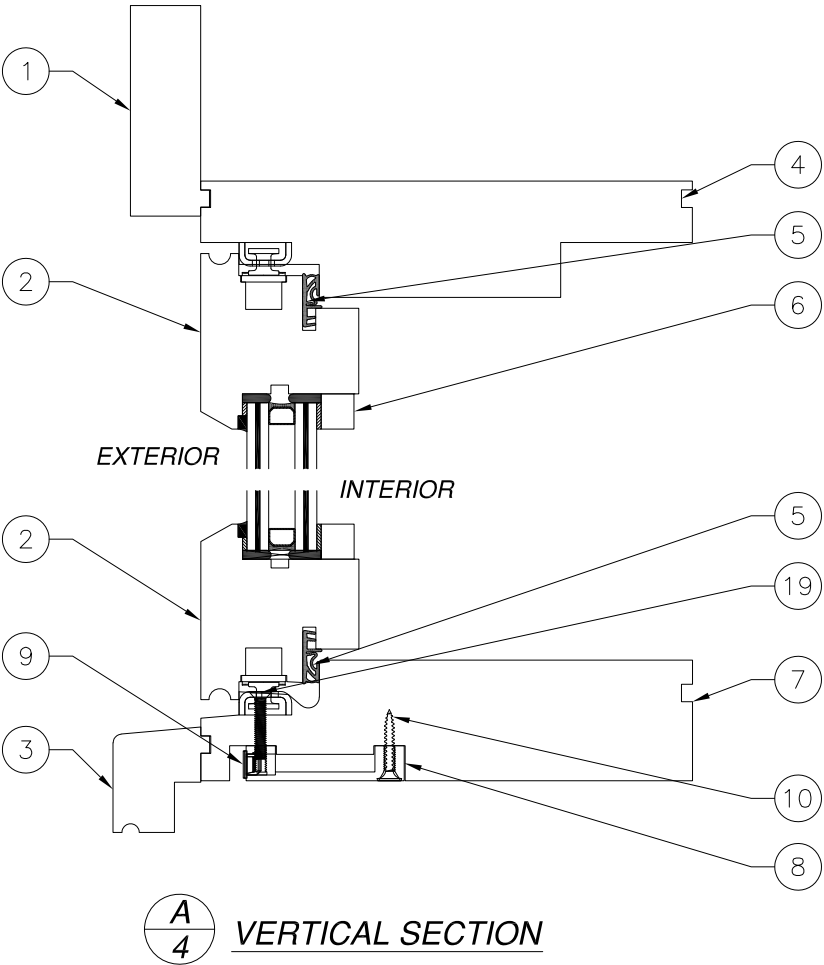


Luis R. Lomas P.E.
FL No.: 62514

HARDWARE SCHEDULE

A.	(6) BUTT HINGES BUTTON TIP UNLACQ POLISHED BRASS AT JAMBS
B.	(4) RWD CUSTOM SURFACE BOLTS AT BOTTOM AND TOP OF KEEPER/LOCK STILES
C.	(4) KEEPERS FOR SURFACE BOLTS AT HEAD/SILL
D.	(1) SINGLE POINT HOPPE STEEL LOCKING SYSTEM AT MEETING STILE

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	CA3	CASING	REILLY	MAHOGANY
2	A2.12	HEAD & SILL FRAME	REILLY	MAHOGANY
3	SN1.2	NOSING	REILLY	MAHOGANY
4	J7B	HEAD	REILLY	MAHOGANY
5	WS24-B	WEATHERSTRIP BLACK	RCT	EPDM 75 SHORE A
6	GSA	GLASS STOP	REILLY	MAHOGANY
7	SL7A	SILL	REILLY	MAHOGANY
8	NEW ALUM EXT	EXTRUSION	NOVA	ALUMINUM 6063-T5
9	60606	PROWEEP 4 AMOUNT AS	ASHLAND HARDWARE	
10	90065A199	WOOD SCREW #8	McMASTER CARR	
11	J7C	JAMB	REILLY	MAHOGANY
12	A1.87	STILE	REILLY	MAHOGANY
13	A2.12B	STILE	REILLY	MAHOGANY
14	60 DURO-WH	ASTRAGAL WEATHER SEAL	IND-EX	60 DURO
15	A2.56	STILE	REILLY	MAHOGANY
16	125P-PBA-4.5X4.5	BUTT HINGE	SIEGENIA	
17	1740123	VERONA: WINDOW LEVER	HOPPE	BRASS
18	AS1.5B	EXTERIOR ASTRAGAL	REILLY	MAHOGANY
19	91771A199	#8-32 SMS	McMASTER CARR	
20	6116-WH-1875	GLAZING TAPE	LAMATEK	
21	6116-WH-375	GLAZING TAPE	LAMATEK	
22	995-WH-20 OZ	STRUCTURAL SILICONE CAULK	DOW CORNING	
23	90294A155	WOOD SCREW #6	McMASTER CARR	



FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 5 - 10

SIGNED: 02/11/2026

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CALVERTON, NY 11933

RWD WOOD OUTSWING FRENCH CASEMENT
IMPACT - HVHZ
B.O.M. & CROSS SECTIONS

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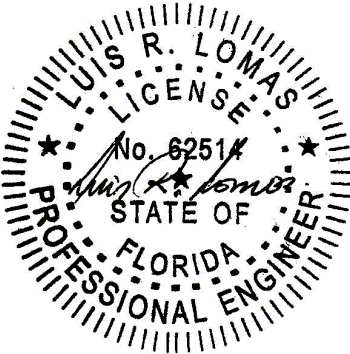
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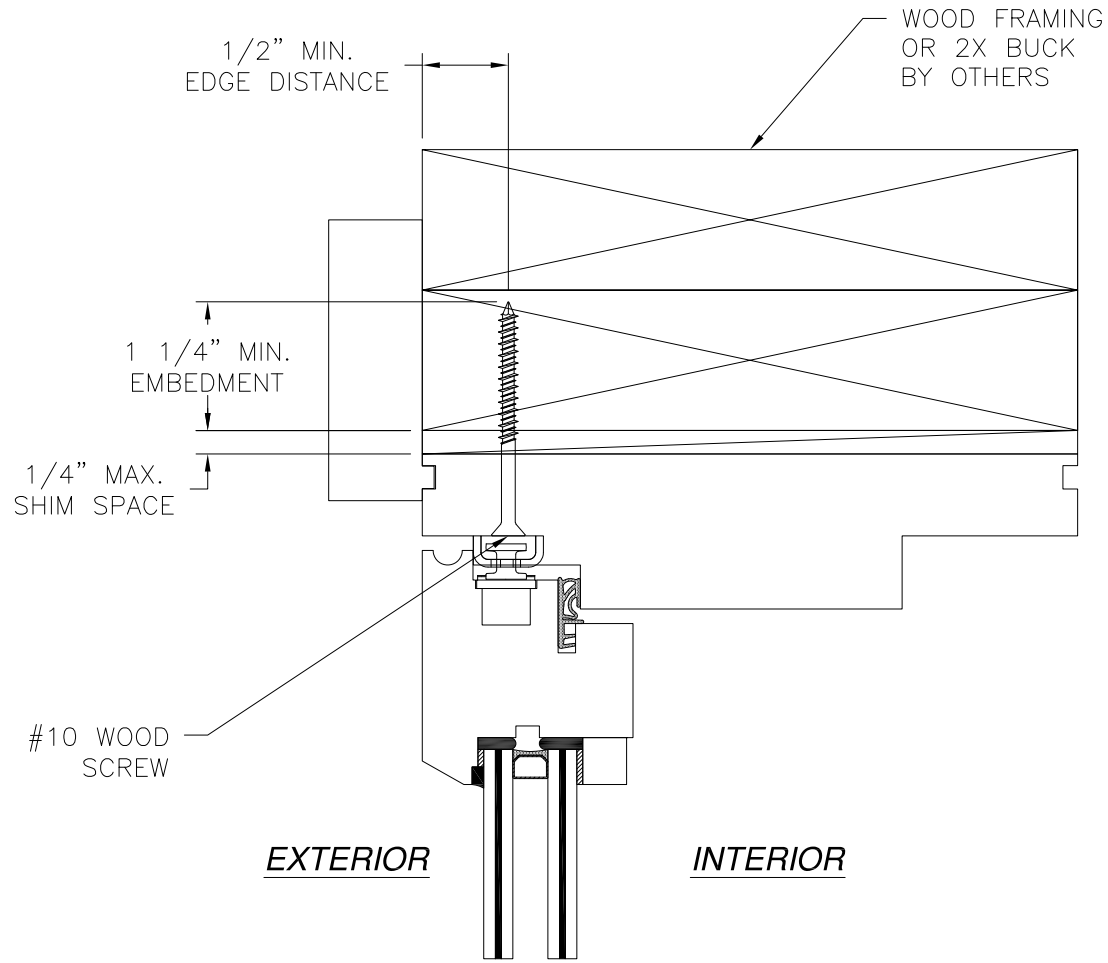
DATE
08/04/14

SHEET
4 OF 15

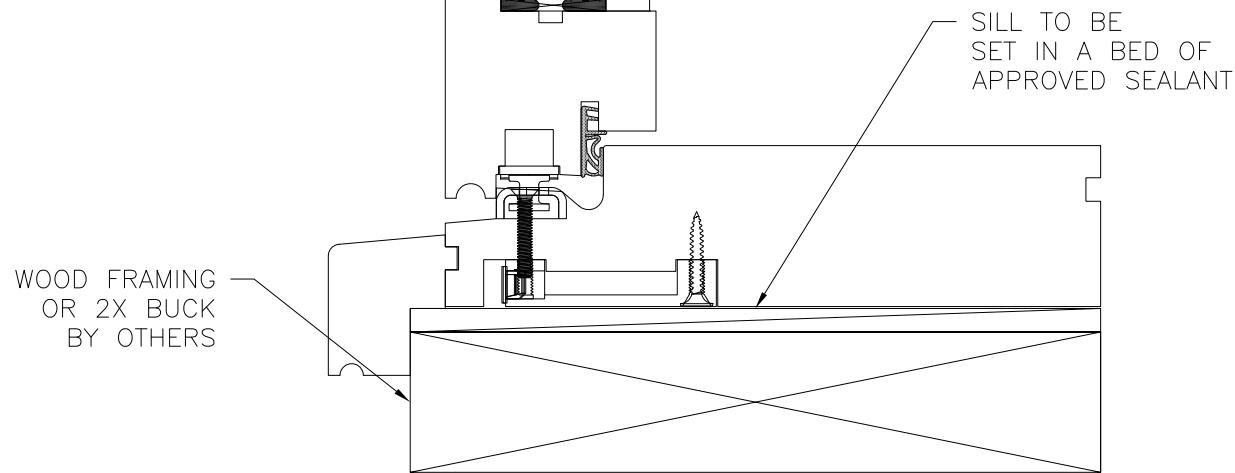
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com



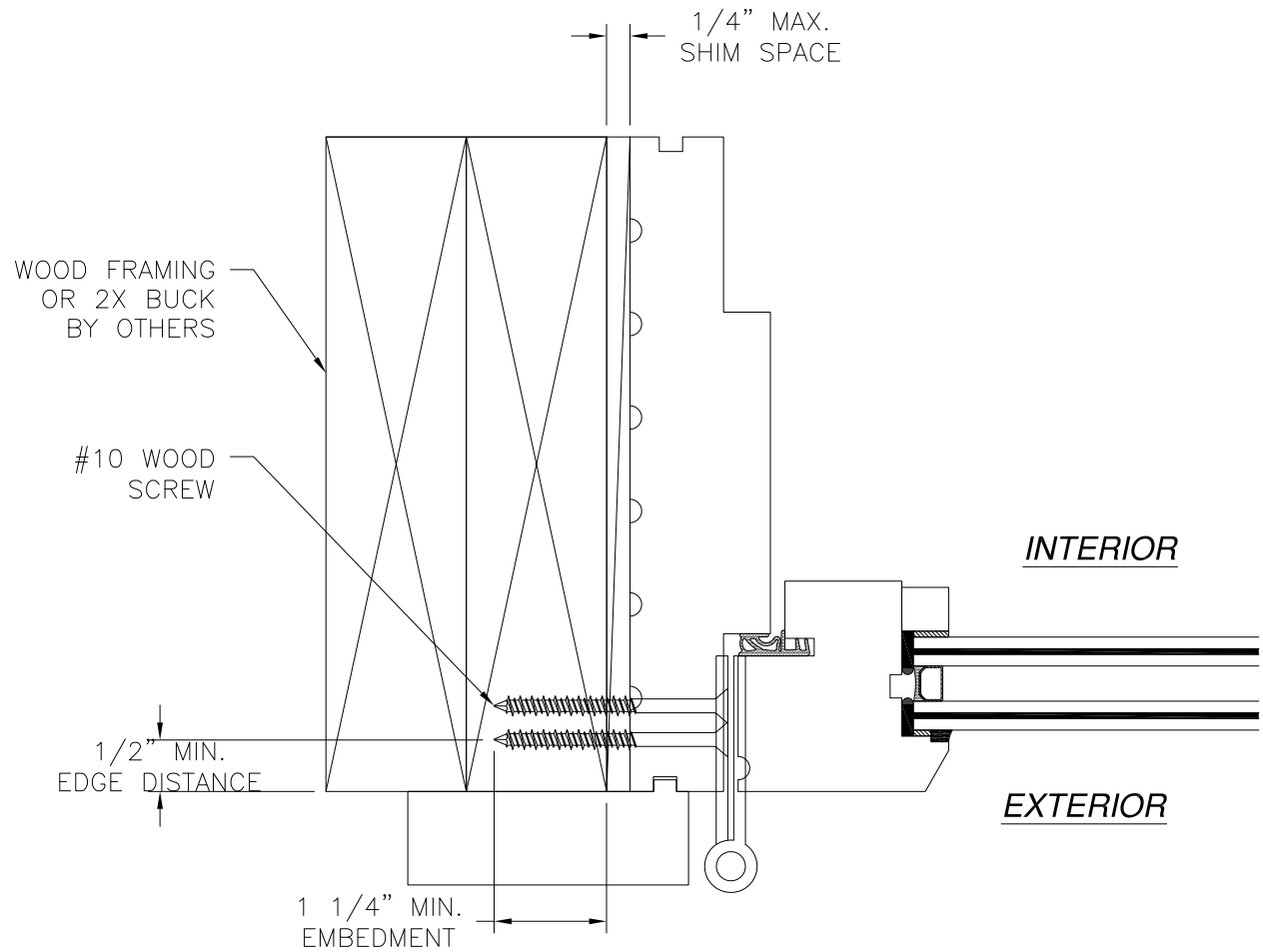
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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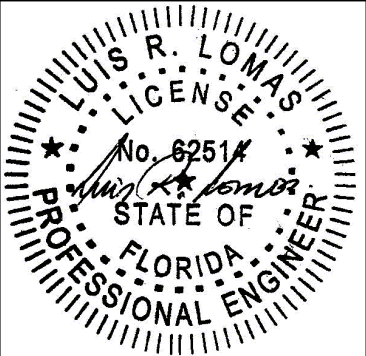


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

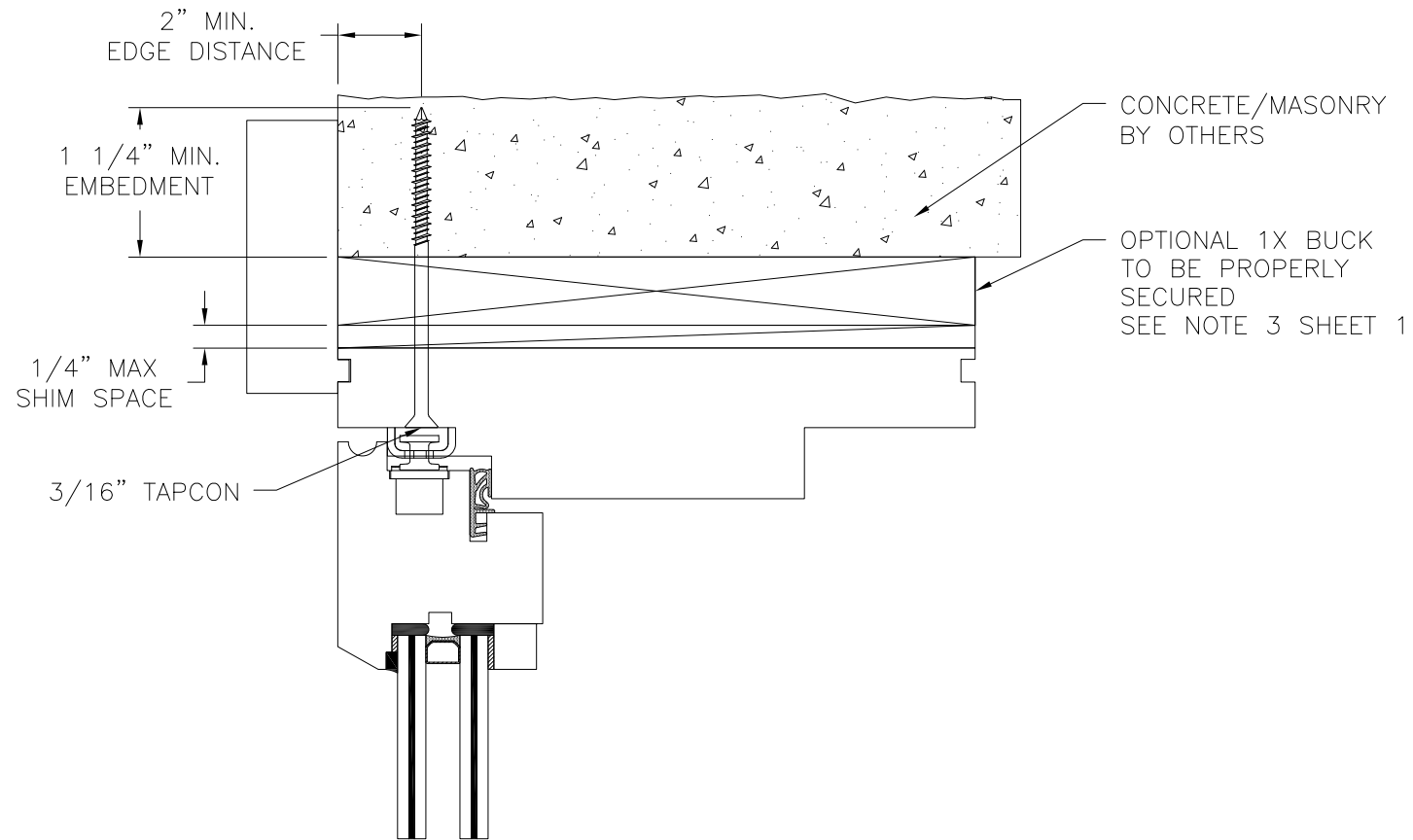
SIGNED: 02/11/2026

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT – HVHZ INSTALLATION DETAILS		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 5 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



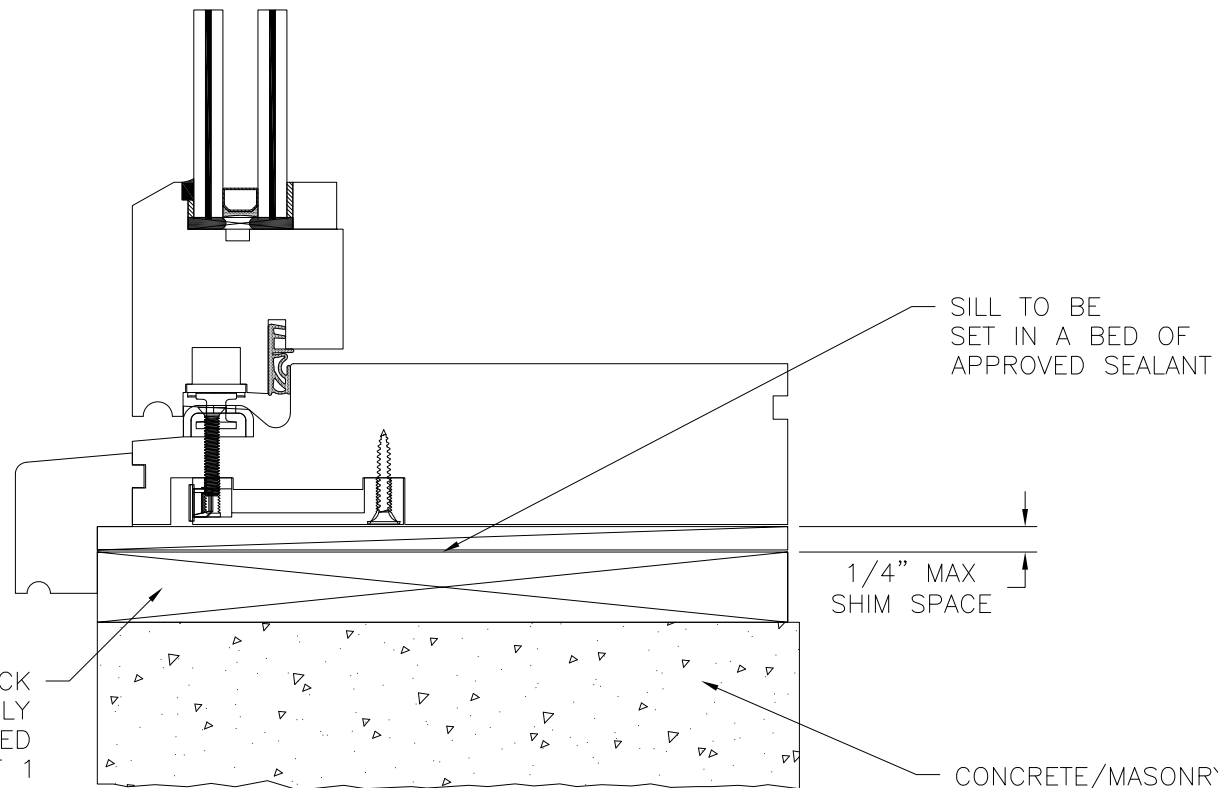
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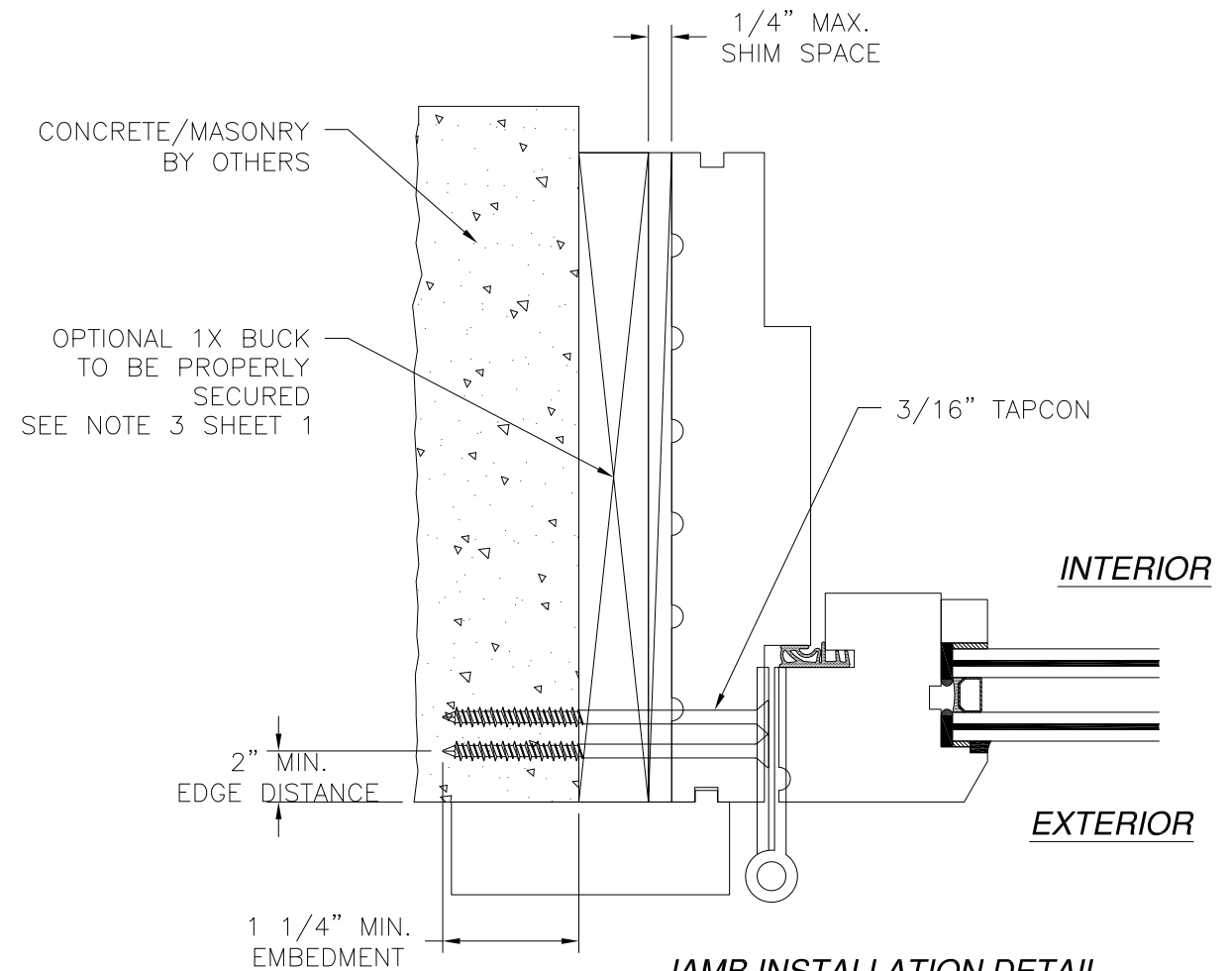


EXTERIOR

INTERIOR



VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



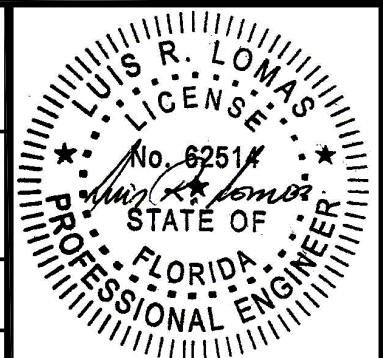
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

NOTES:

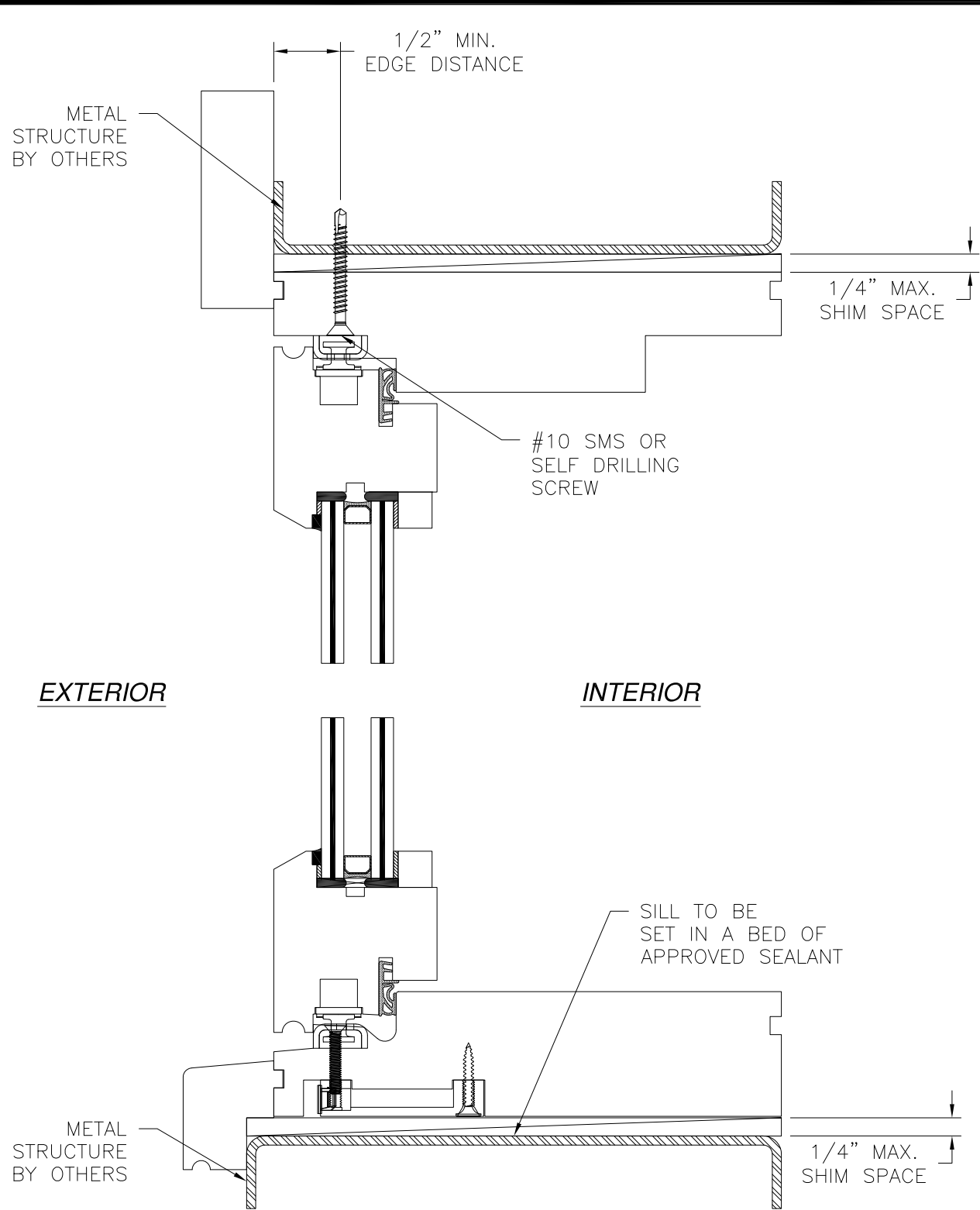
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L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



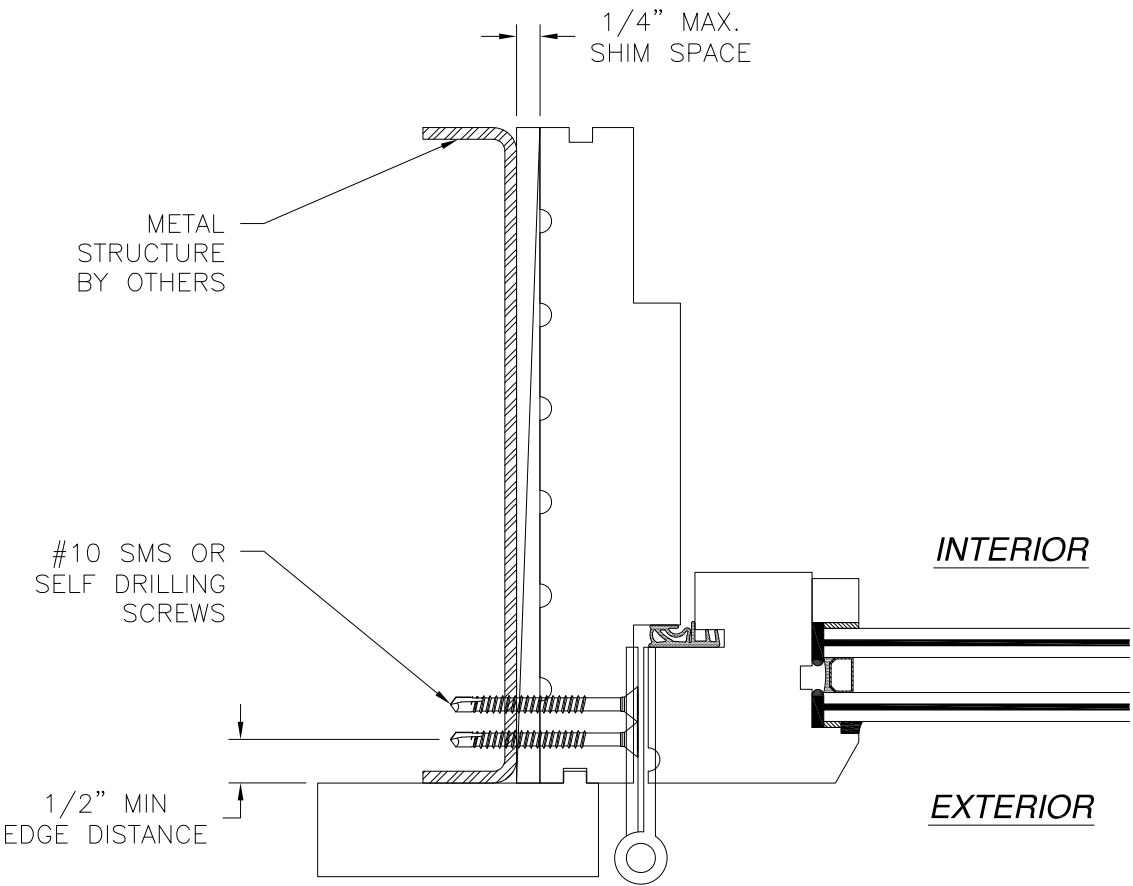
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- NOTES:
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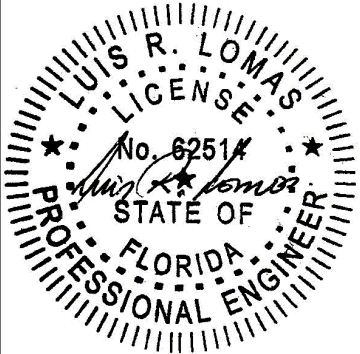
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 7 OF 15
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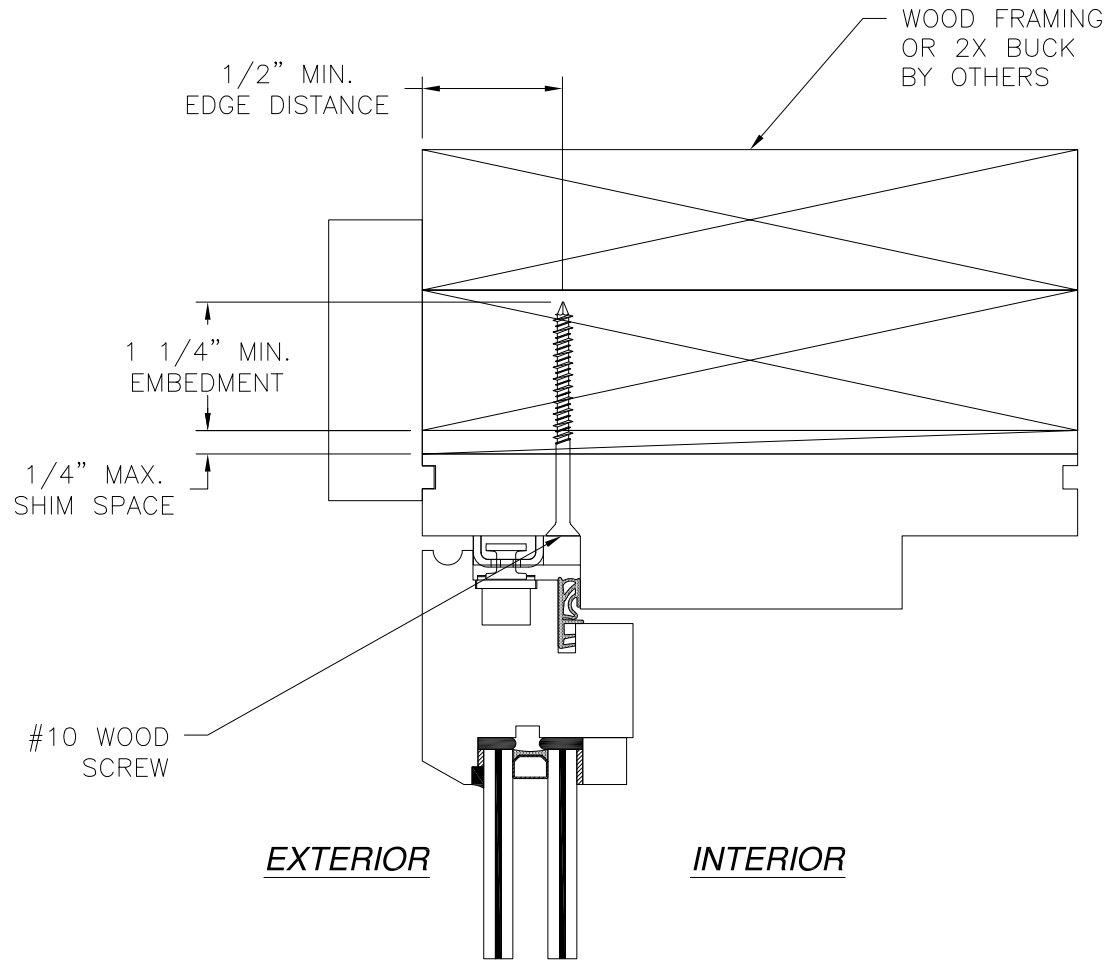
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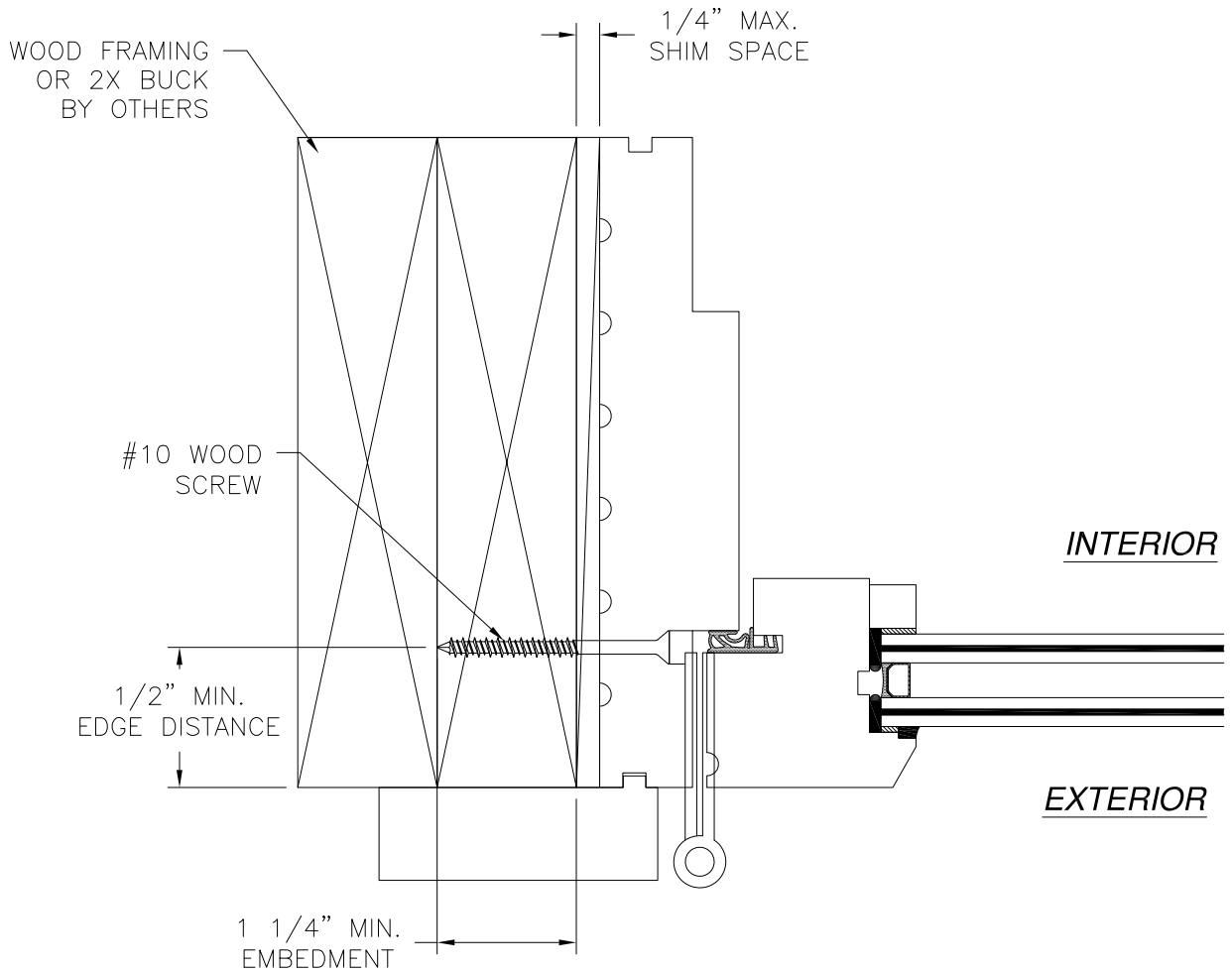


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EXTERIOR

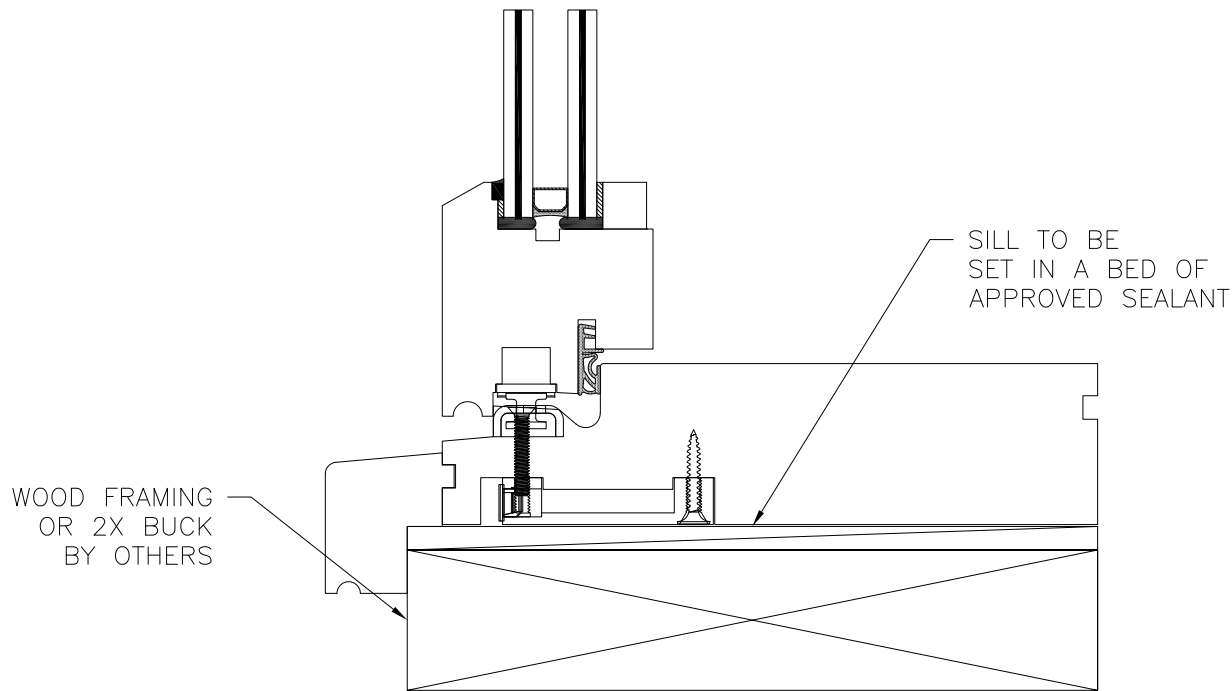
INTERIOR



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



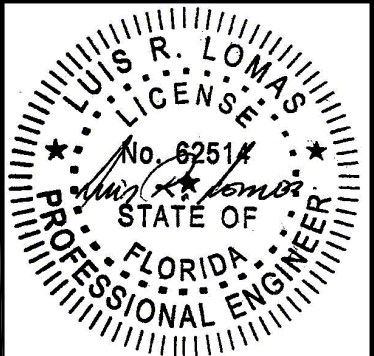
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WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 02/11/2026

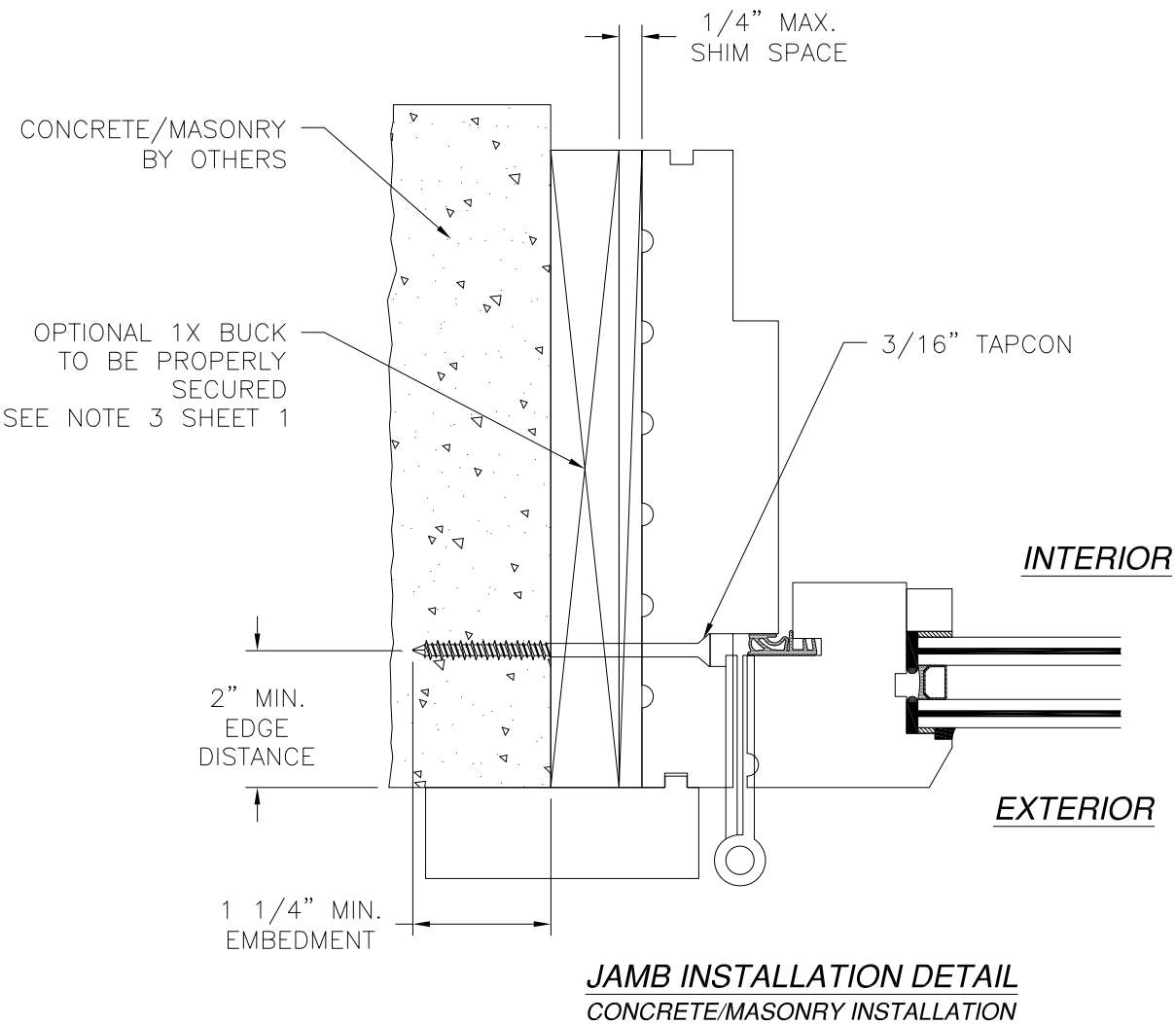
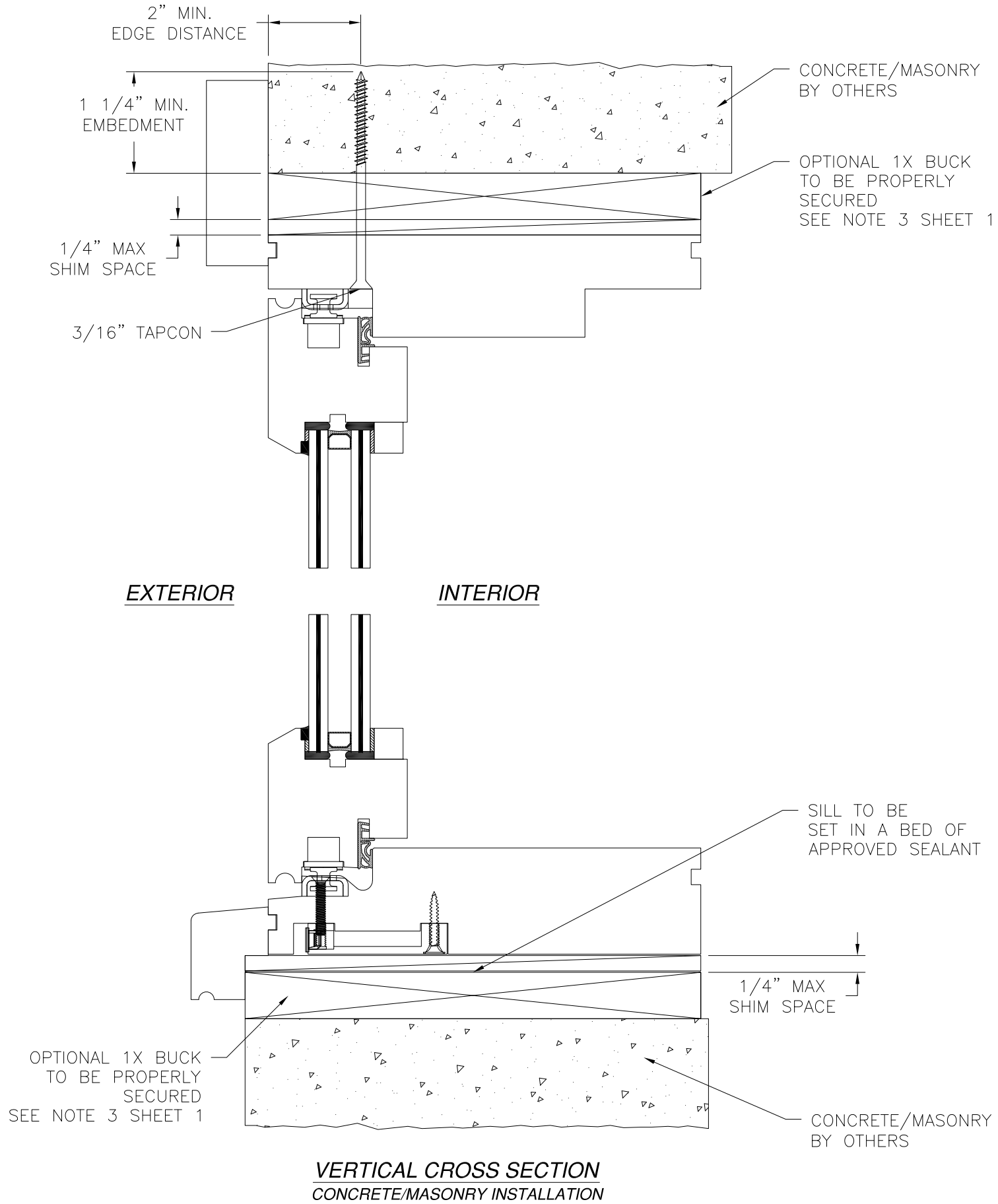
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 8 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



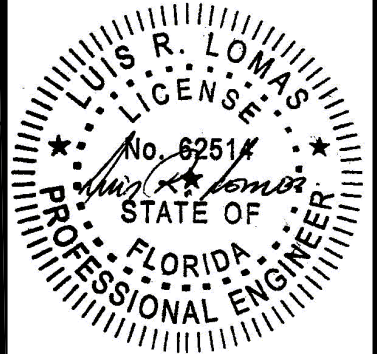
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



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

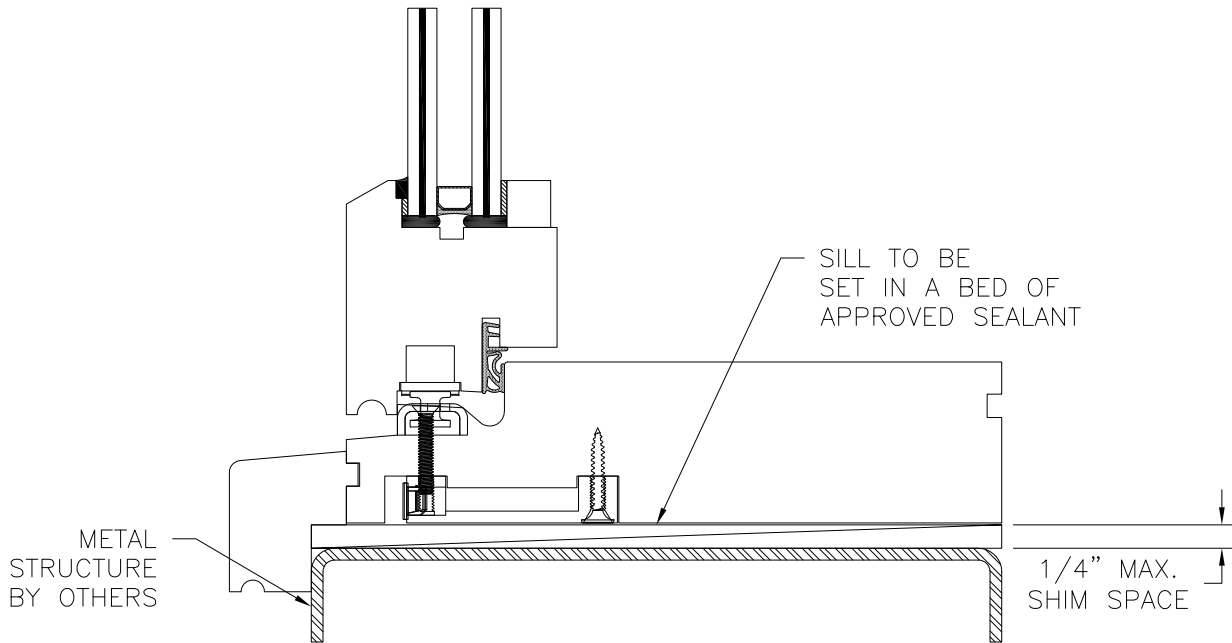
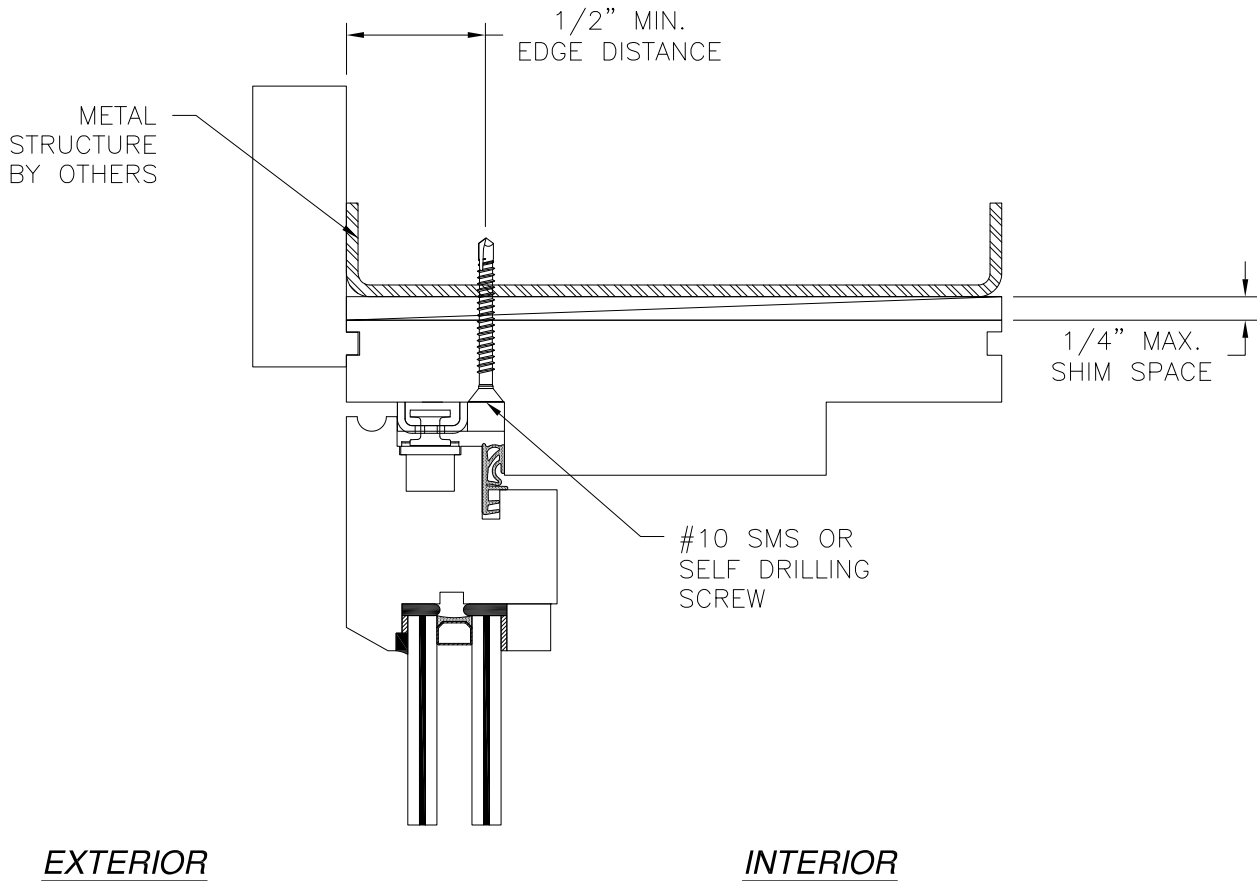
SIGNED: 02/11/2026

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 9 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



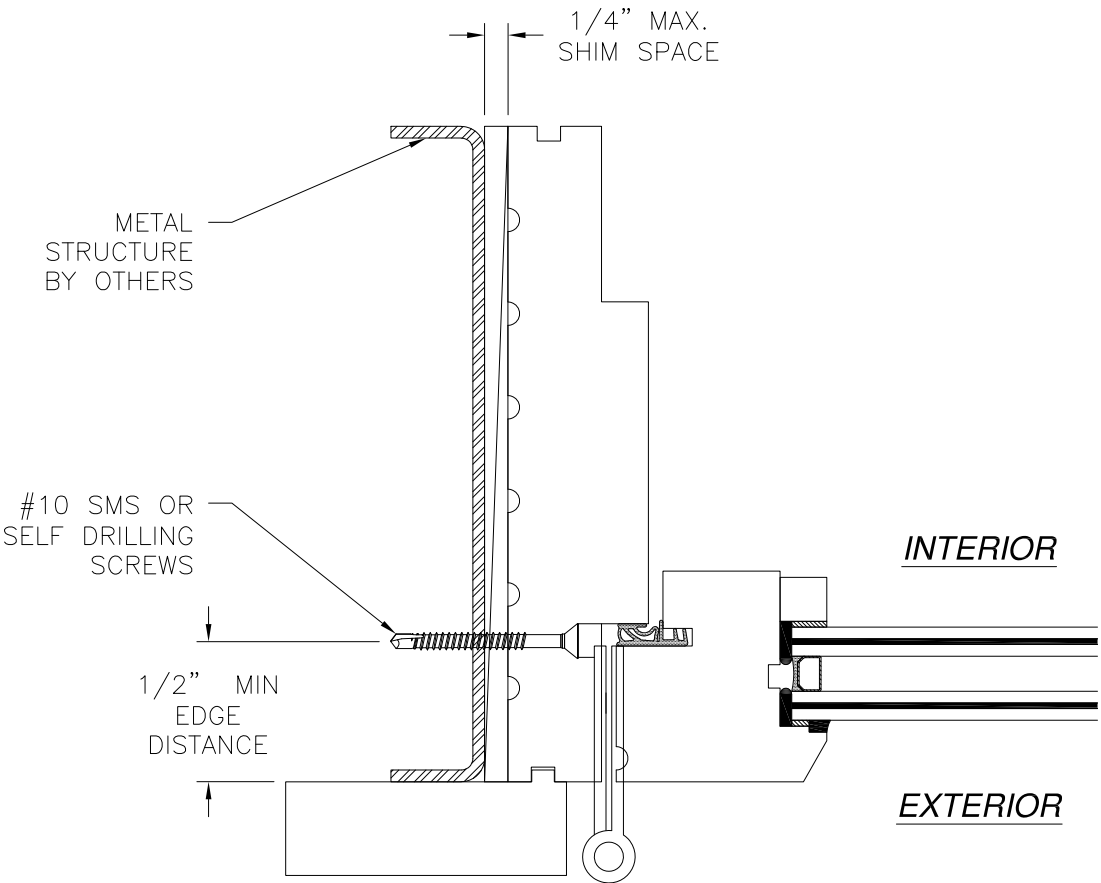
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

- NOTES:
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

REILLY WINDOW & DOORS
901 BURMAN BLVD., BLDG 701
CALVERTON, NY 11933

RWD WOOD OUTSWING FRENCH CASEMENT
IMPACT – HVHZ
INSTALLATION DETAILS

DRAWN:
J.L.

DWG NO.
08-02430B

REV
B

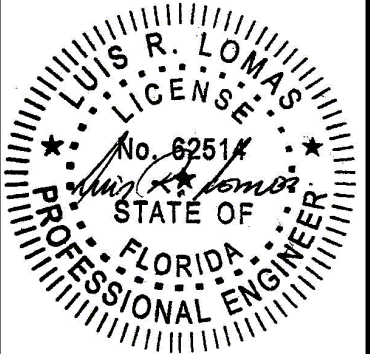
SCALE
NTS

DATE
08/04/14

SHEET
10 OF 15

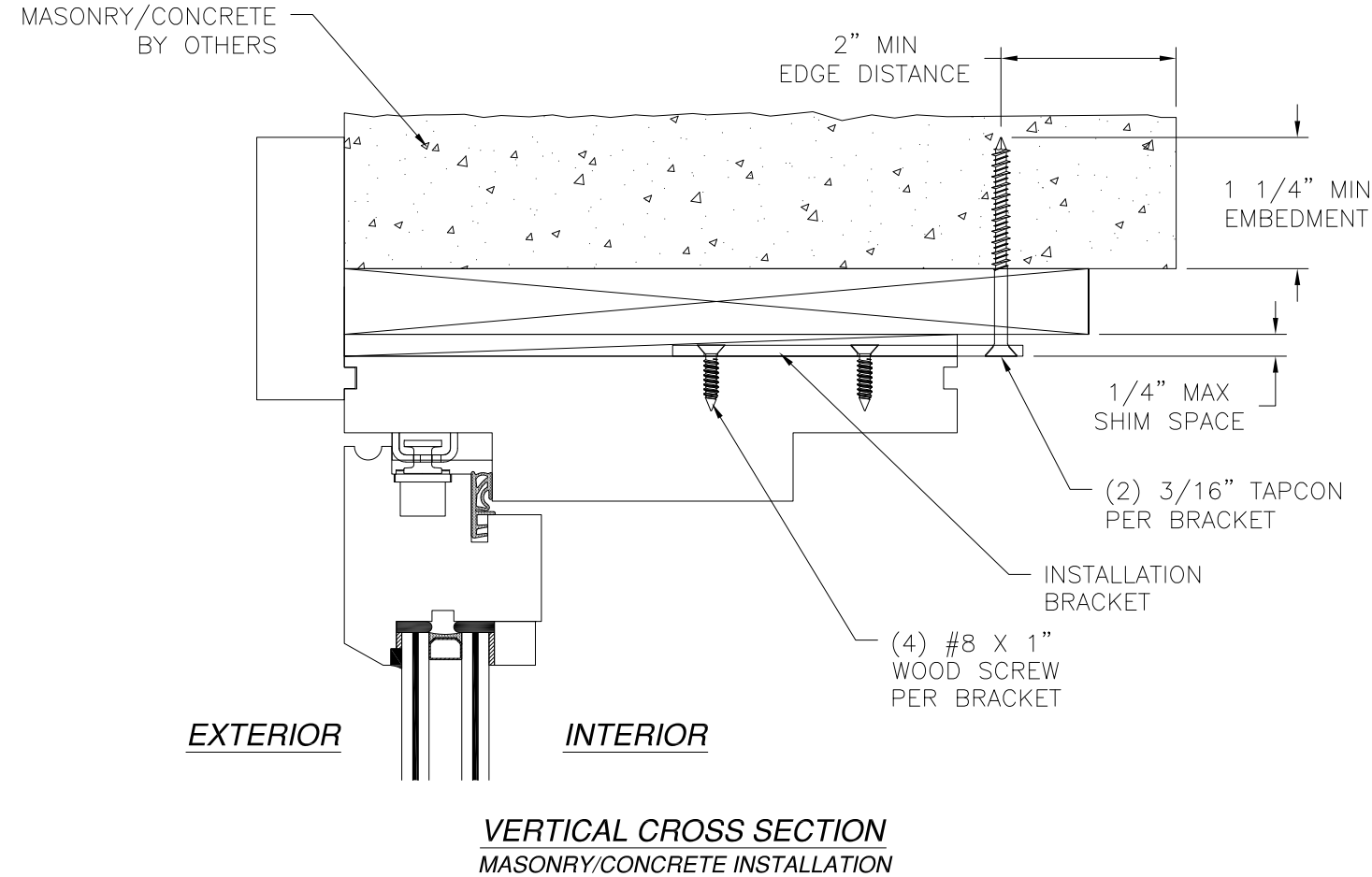
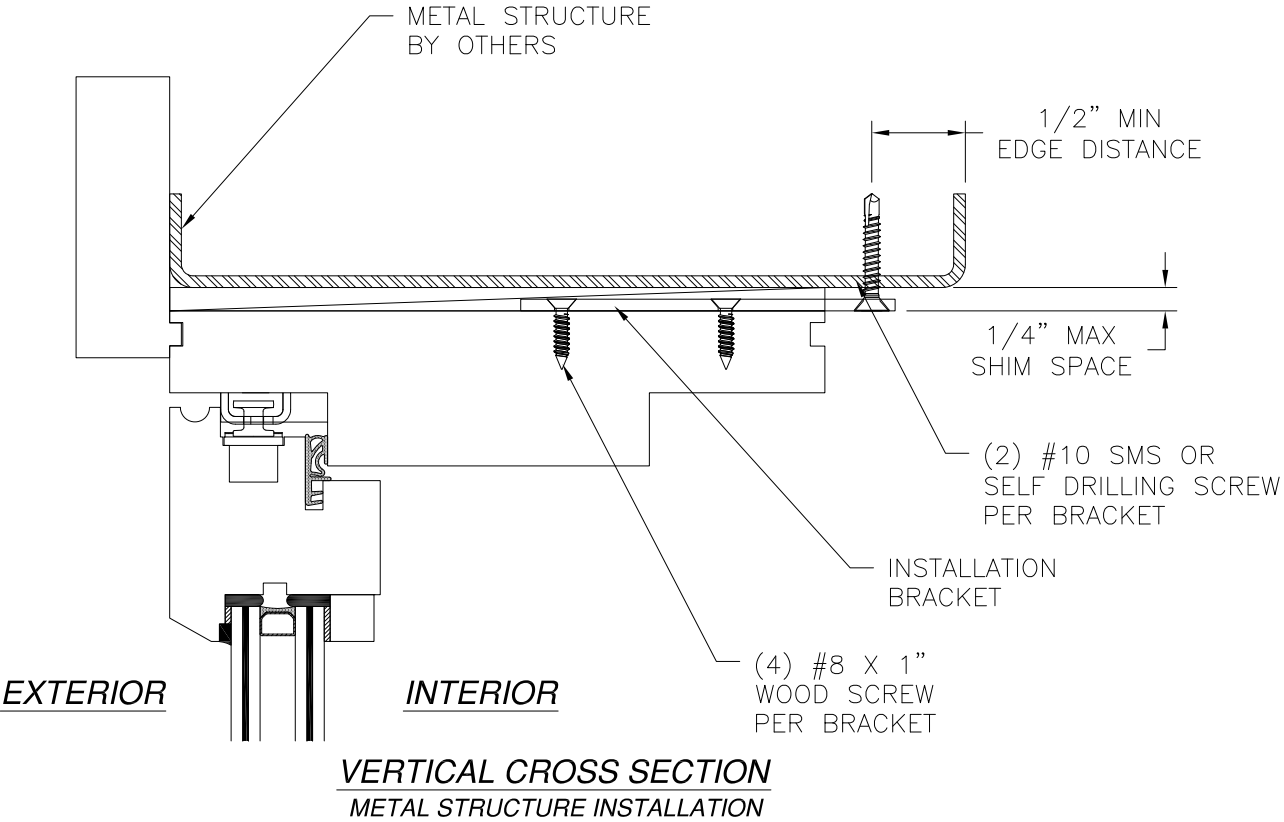
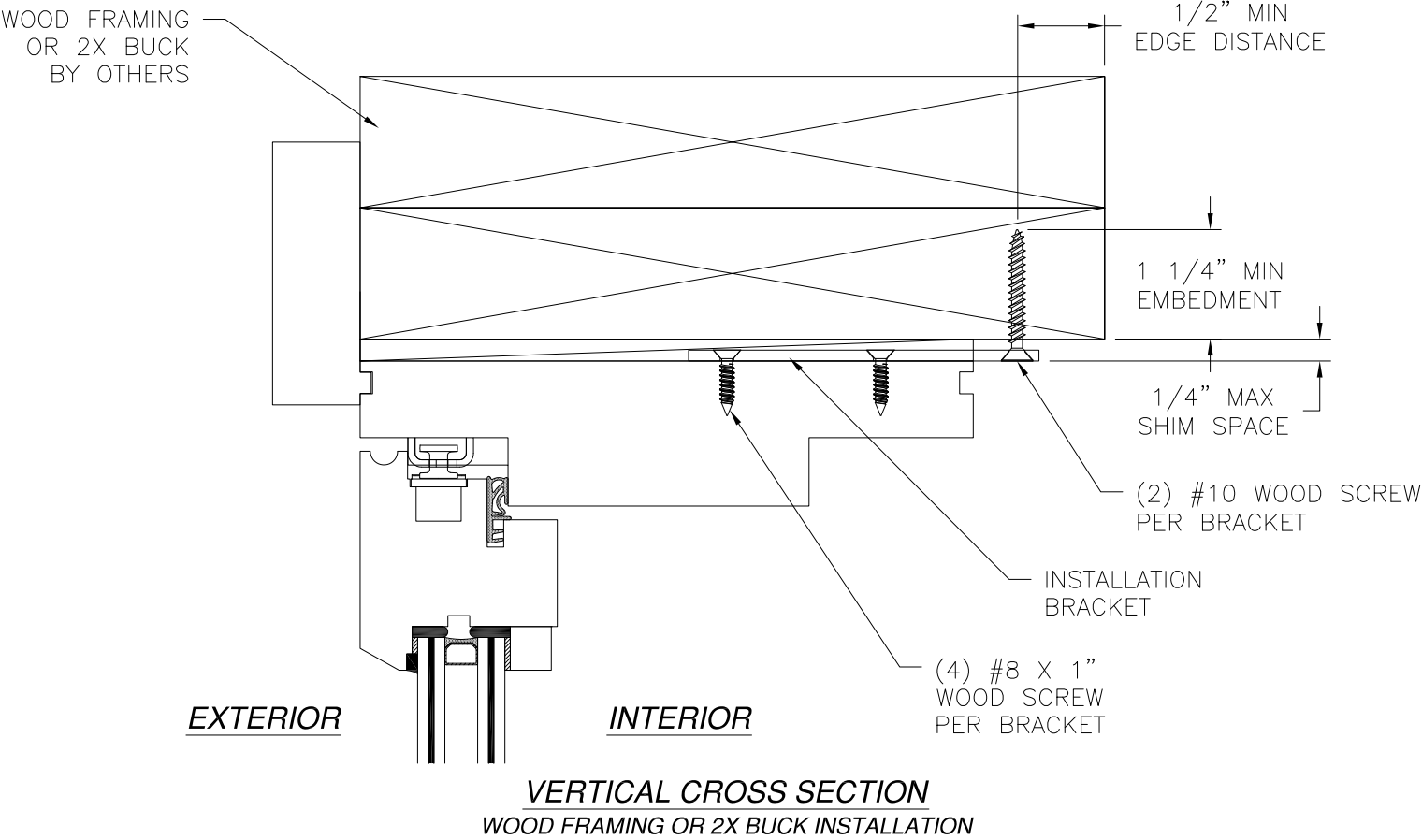
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/11/2026



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



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SIGNED: 02/11/2026

REILLY WINDOW & DOORS
901 BURMAN BLVD., BLDG 701
CALVERTON, NY 11933

RWD WOOD OUTSWING FRENCH CASEMENT
IMPACT – HVHZ
INSTALLATION DETAILS W/CLIP

DRAWN:
J.L.

DWG NO.
08-02430B

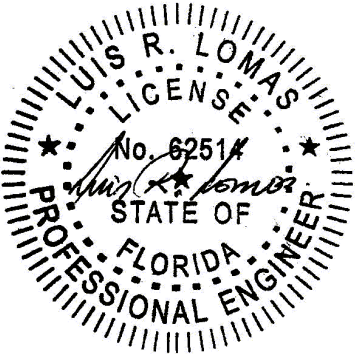
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SCALE
NTS

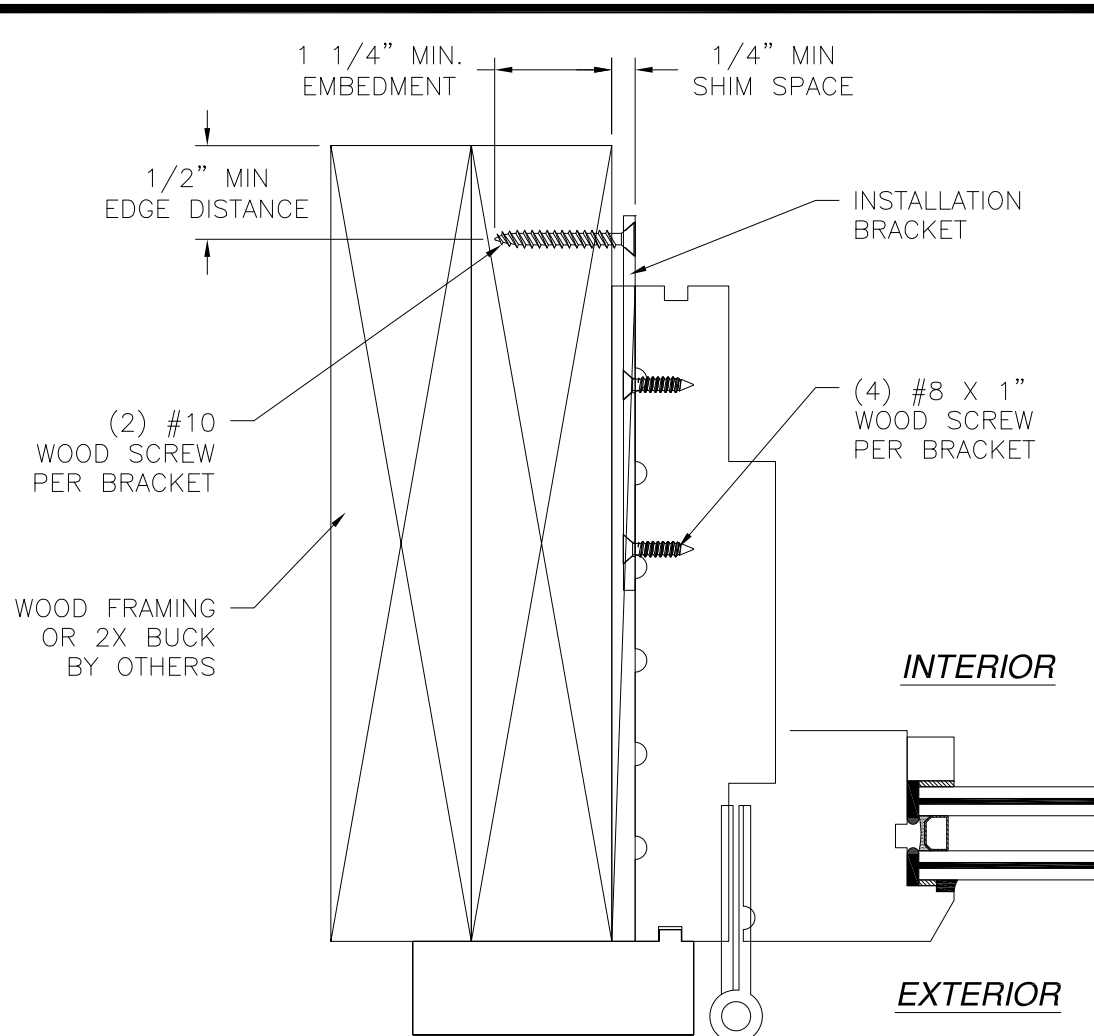
DATE
08/04/14

SHEET
11 OF 15

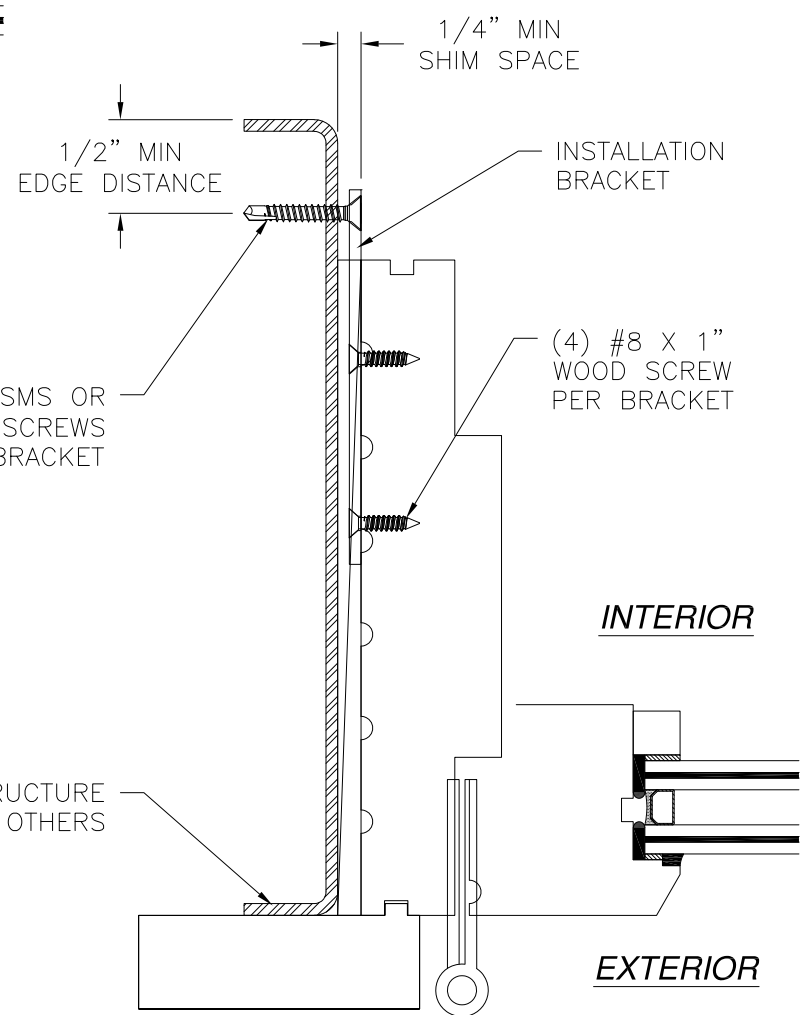
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



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FL No.: 62514

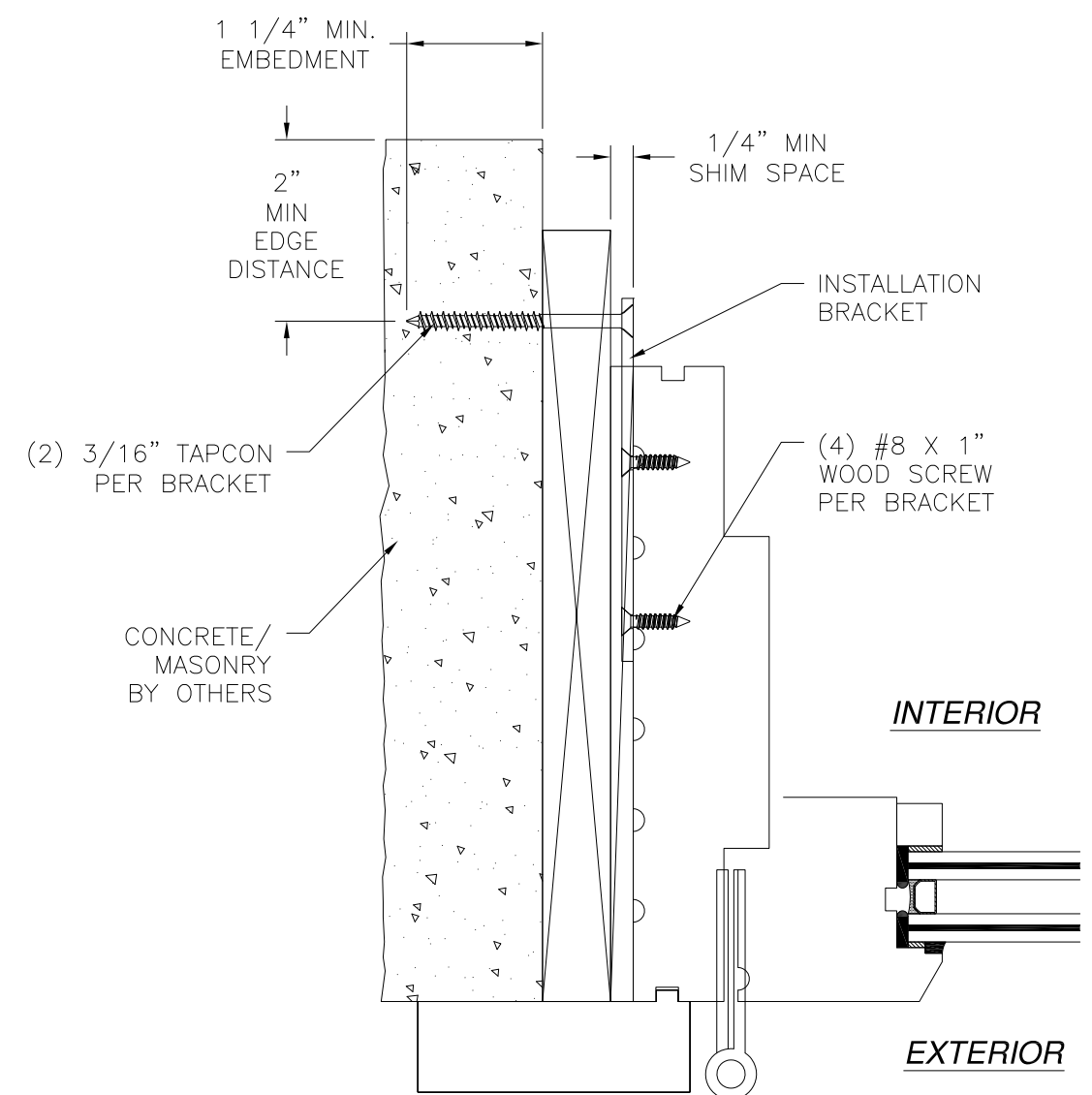


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

- NOTES:
- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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SIGNED: 02/11/2026

REILLY WINDOW & DOORS
901 BURMAN BLVD., BLDG 701
CALVERTON, NY 11933

RWD WOOD OUTSWING FRENCH CASEMENT
IMPACT - HVHZ
INSTALLATION DETAILS W/CLIP

DRAWN:
J.L.

DWG NO.
08-02430B

REV
B

SCALE NTS

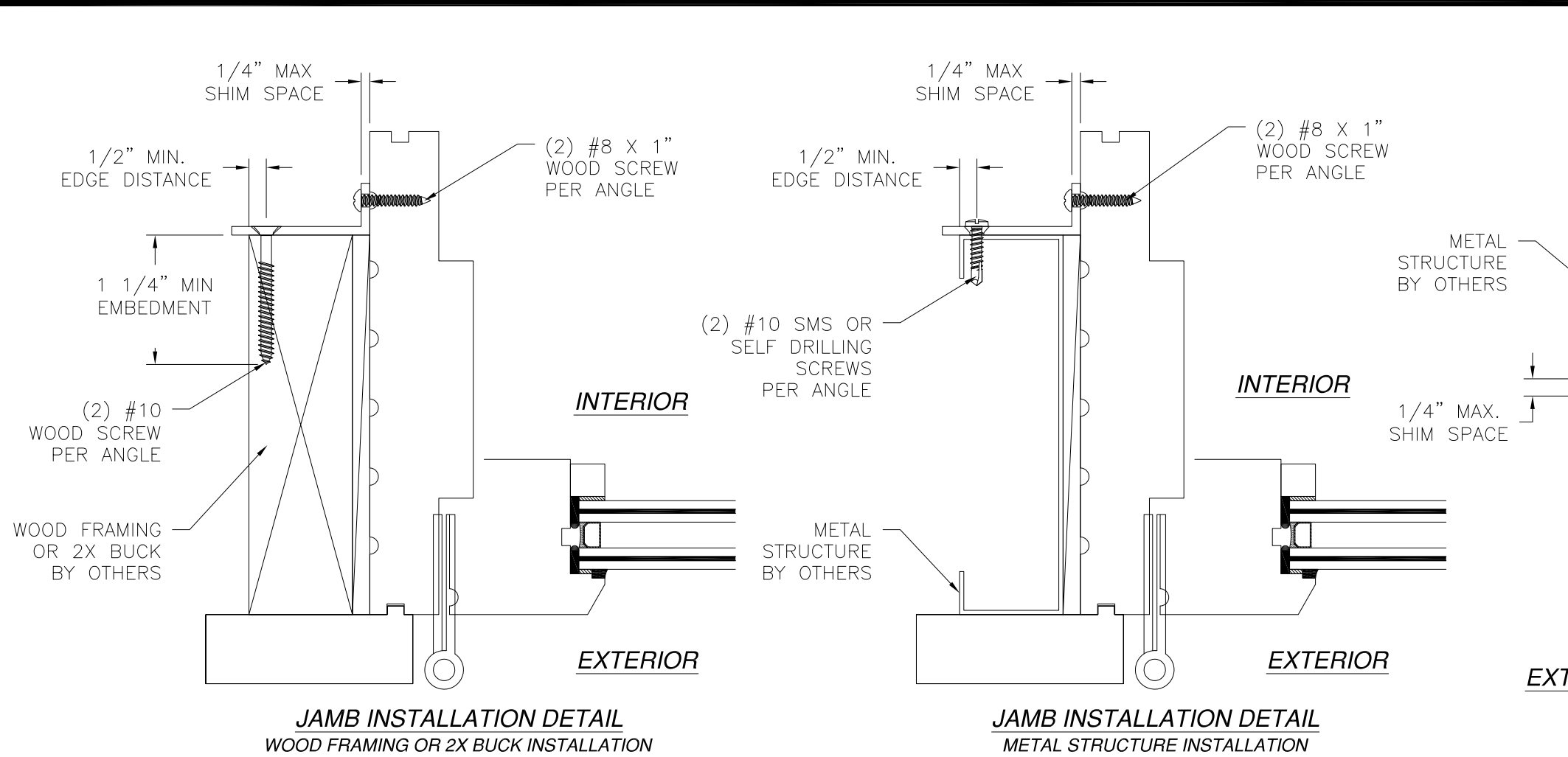
DATE 08/04/14

SHEET 12 OF 15

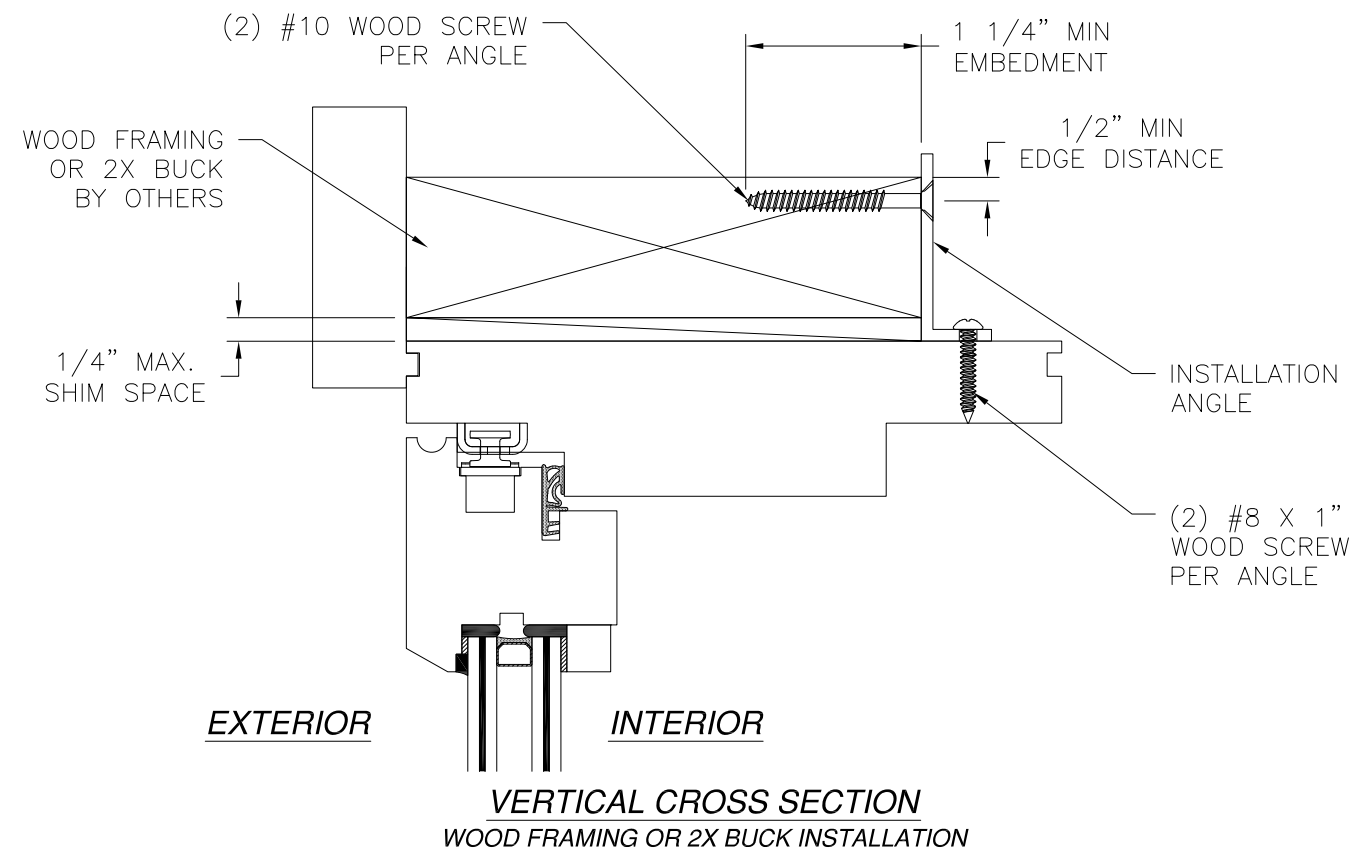
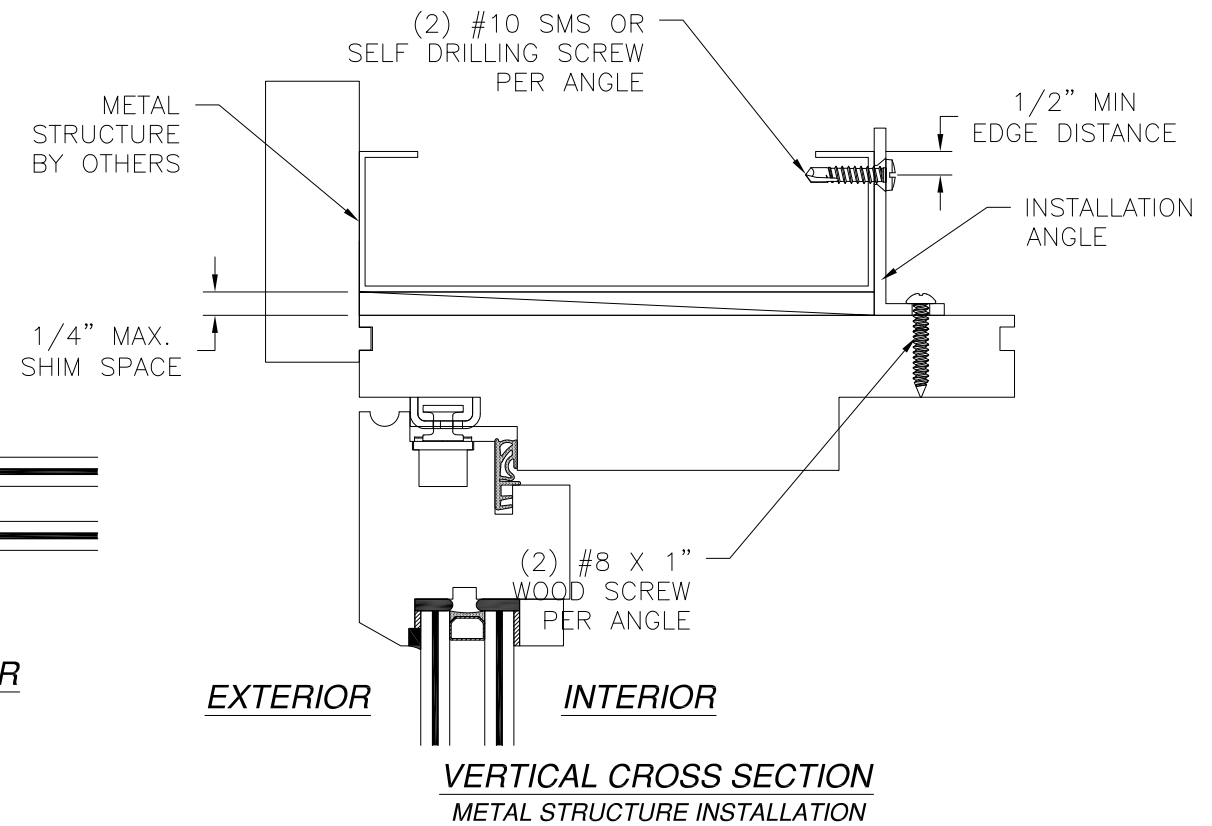
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

LUIS R. LOMAS
LICENSE
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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



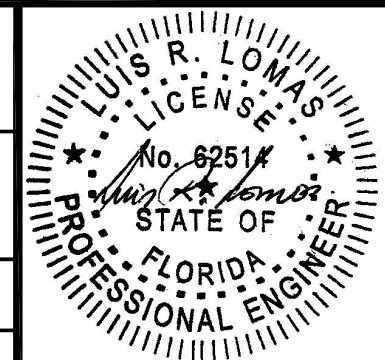
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



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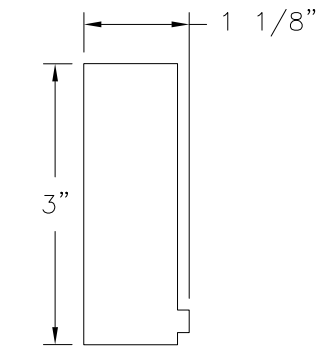
SIGNED: 02/11/2026

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT - HVHZ INSTALLATION DETAILS W/ANGLE		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 13 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

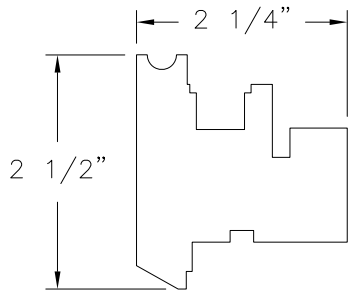


Luis R. Lomas P.E.
FL No.: 62514

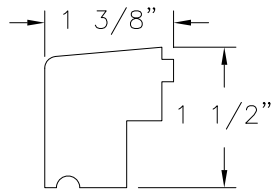
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



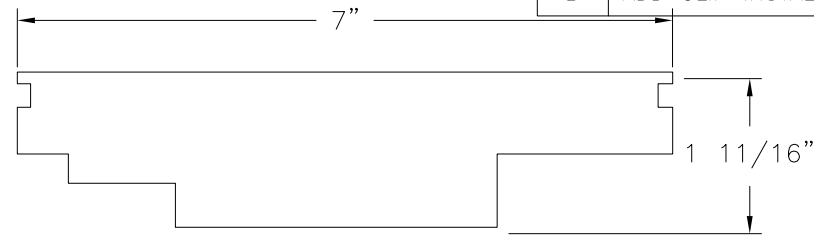
① **CASING**
MAHOGANY WOOD



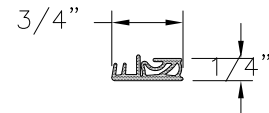
② **FRAME**
MAHOGANY WOOD



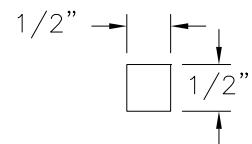
③ **NOSING**
MAHOGANY WOOD



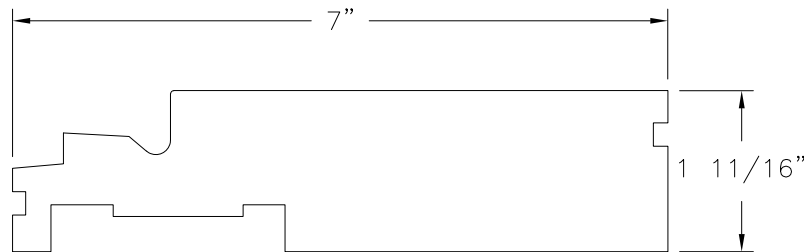
④ **HEAD**
MAHOGANY WOOD



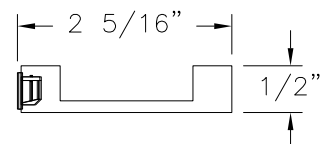
⑤ **WEATHERSTRIP**
EPDM .75" DUROMETER



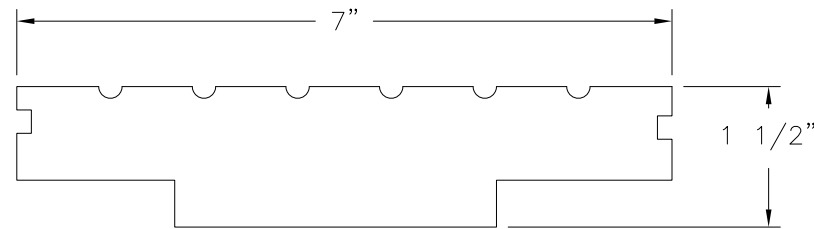
⑥ **GLASS STOP**
MAHOGANY WOOD



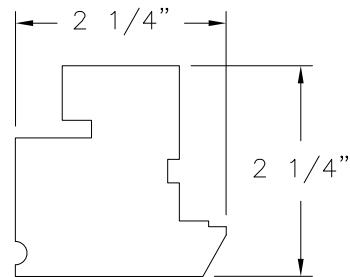
⑦ **SILL**
MAHOGANY WOOD



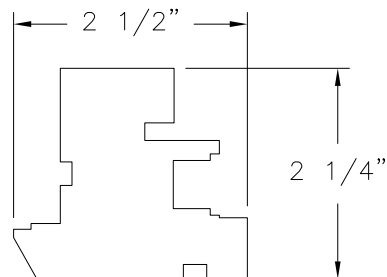
⑧ **EXTRUSION**
ALUMINUM 6063-T5 .125" THICK



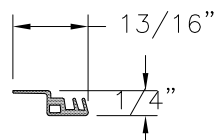
⑪ **JAMB**
MAHOGANY WOOD



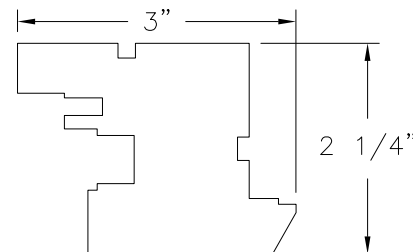
⑫ **STILE (JAMB)**
MAHOGANY WOOD



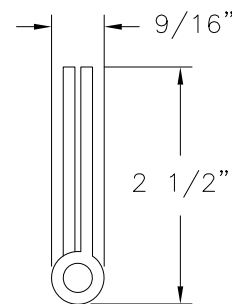
⑬ **MEETING STILE**
MAHOGANY WOOD



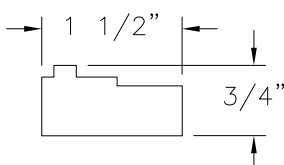
⑭ **WEATHER SEAL**
EPDM .75" DUROMETER



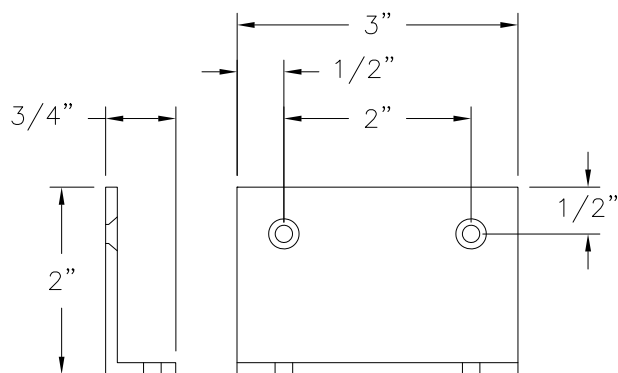
⑮ **STILE (ASTRAGAL)**
MAHOGANY WOOD



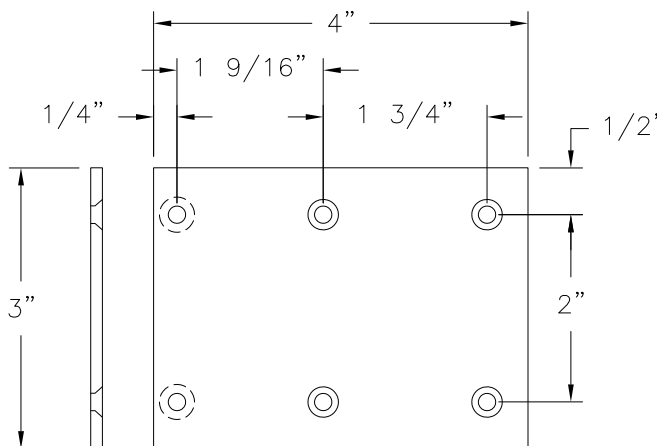
⑯ **BUTT HINGE**
BRASS



⑱ **EXTERIOR ASTRAGAL**
MAHOGANY WOOD



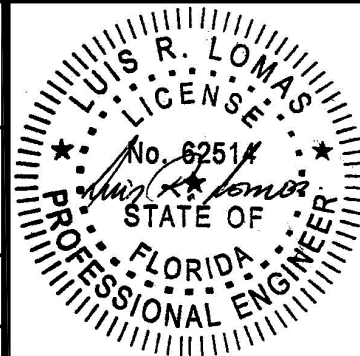
INSTALLATION ANGLE
ALUMINUM 6063-T5 .125 " THICK



INSTALLATION BRACKET
ALUMINUM 6063-T5 .125 " THICK

SIGNED: 02/11/2026

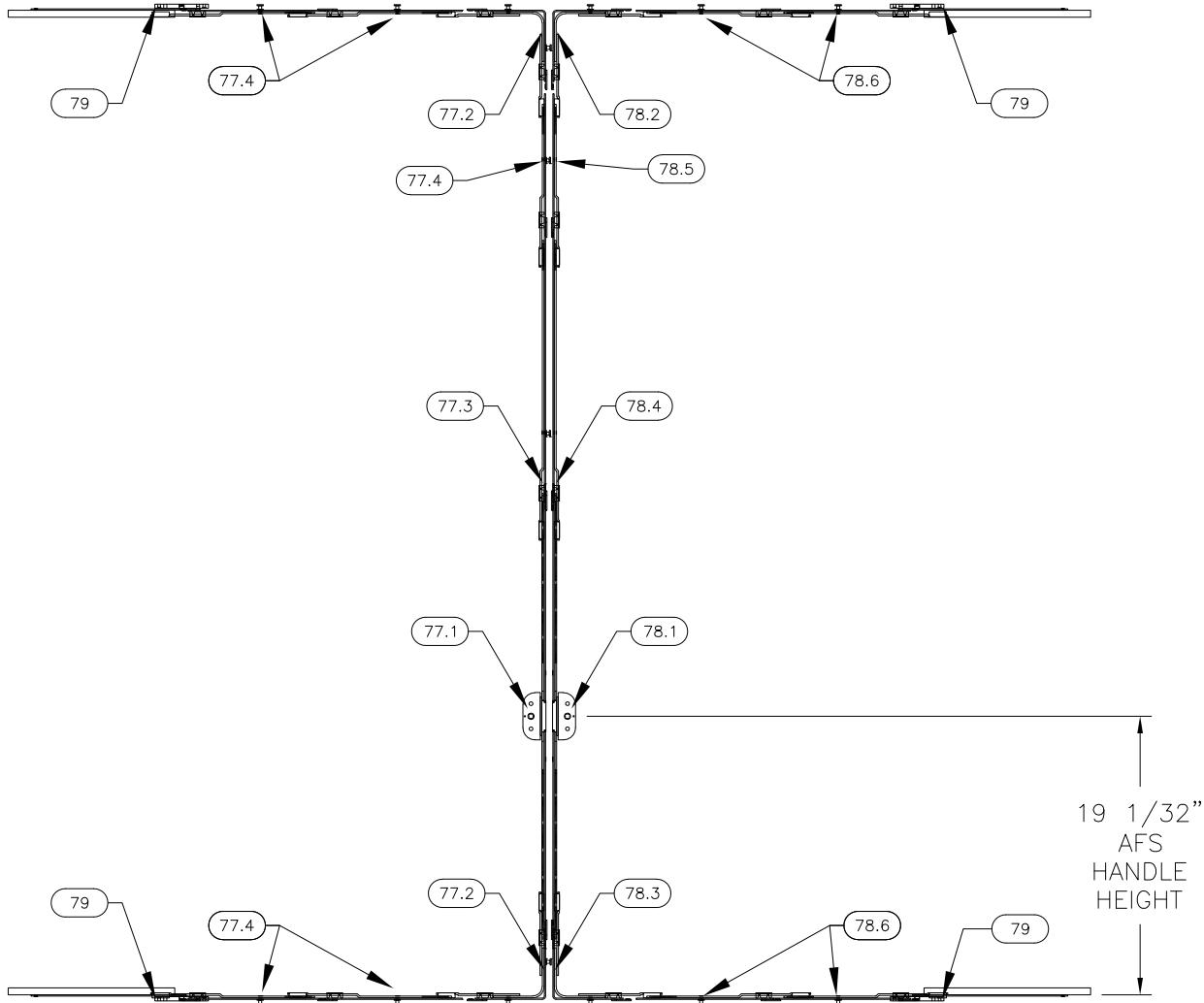
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT - HVHZ COMPONENTS		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 14 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



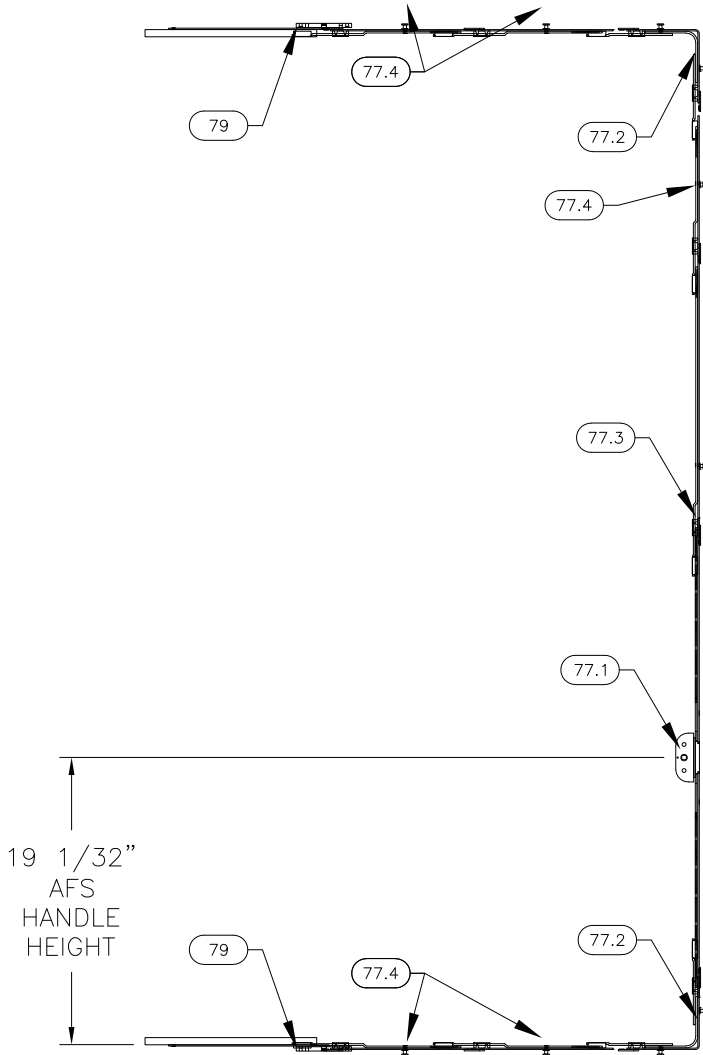
Luis R. Lomas P.E.
FL No.: 62514

HARDWARE BILL OF MATERIALS			
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER
77.1	895566	GEAR	SIEGENIA
77.2	FEUL0110-200011	CORNER DRIVE	SIEGENIA
77.3	896631	LINKAGE S/Z	SIEGENIA
77.4	896624	LINKAGE S/Z	SIEGENIA
78.1	895566	GEAR	SIEGENIA
78.2	FEUL0150-200010	CORNER DRIVE	SIEGENIA
78.3	FMEU0020-200010	CORNER DRIVE	SIEGENIA
78.4	896631S	LINKAGE S/Z	SIEGENIA
78.5	896624	LINKAGE S/Z	SIEGENIA
78.6	896624	LINKAGE S/Z	SIEGENIA
79	870938	FRICTION STAY	SIEGENIA
79	878255	MOUNT PLATE	SIEGENIA
79	817131	RUBBER STOP	SIEGENIA

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/30/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



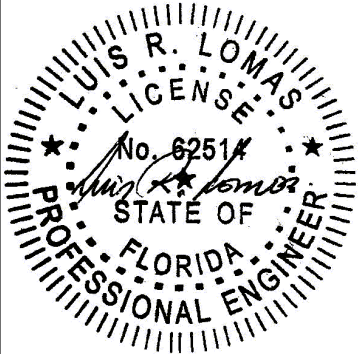
DOUBLE CASEMENT
HARDWARE LAYOUT



SINGLE CASEMENT
HARDWARE LAYOUT

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD OUTSWING FRENCH CASEMENT IMPACT – HVHZ HARDWARE		
DRAWN: J.L.	DWG NO. 08-02430B	REV B
SCALE NTS	DATE 08/04/14	SHEET 15 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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