

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/31/17	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 4 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

SIGNED: 02/11/2026

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

RWD WOOD INSWING CASEMENT
IMPACT – HVHZ
NOTES

DRAWN:
A.P.

DWG NO.
08–02429B

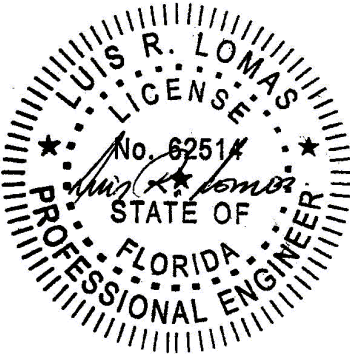
REV
B

SCALE NTS

DATE 01/21/13

SHEET 1 OF 16

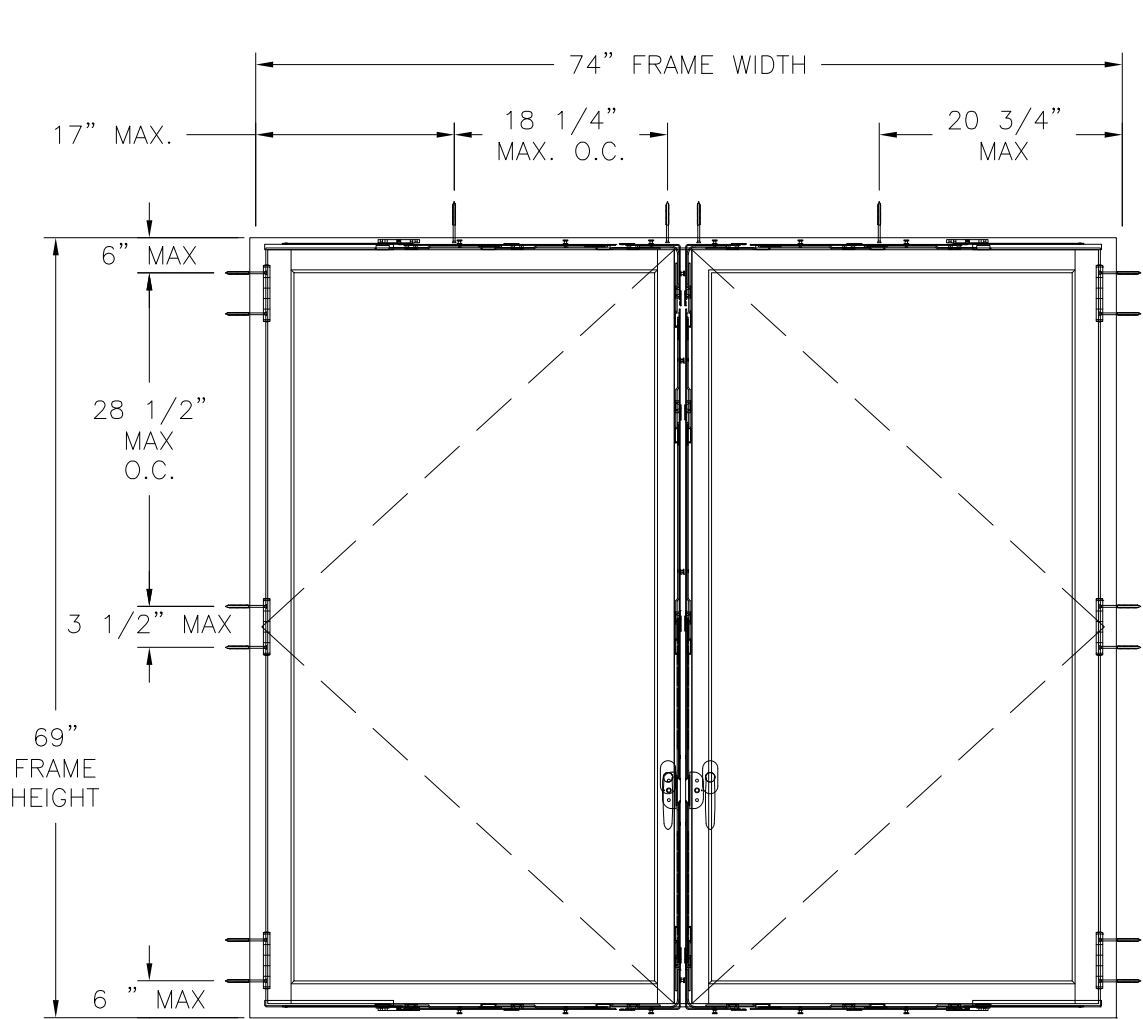
L. ROBERTO LOMAS P.E.
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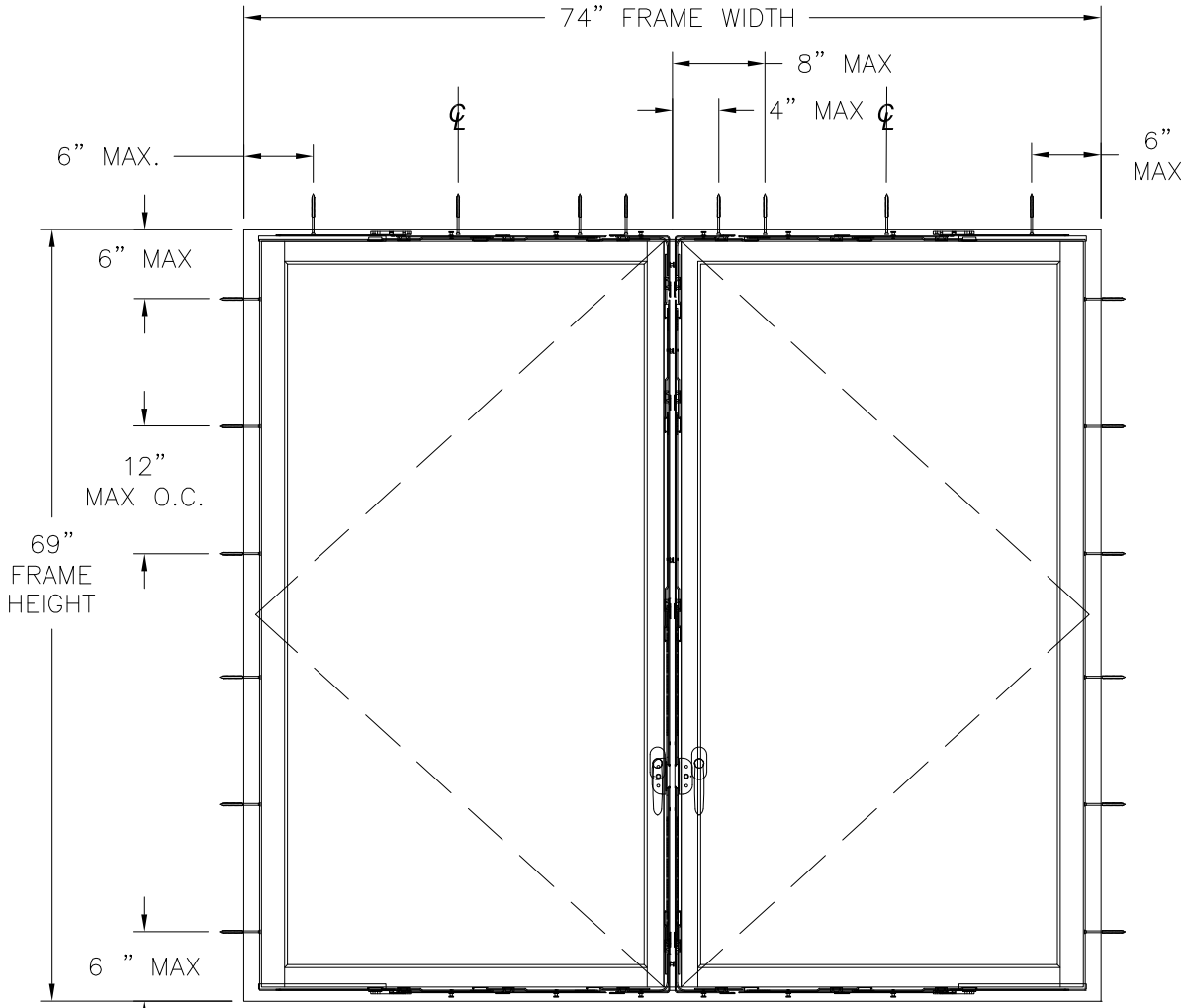
Luis R. Lomas P.E.
FL No.: 62514

- NOTES:
- PANEL SIZE: 36" x 64 3/8"
 - D.L.O.: 31 1/5" x 61 1/4"
 - 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 BINDEN D4.
 - HINGES ARE LOCATED 5" FROM EACH END AND 28 1/2" MAX O.C. THERAFTER.

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



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

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

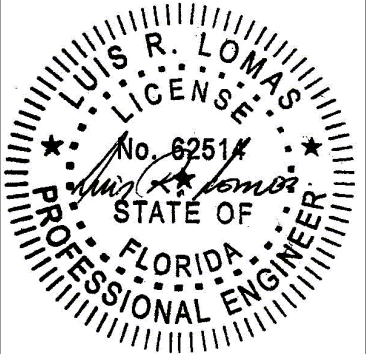
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ
FOR ADDITIONAL SIZES SEE CHART #1 SHEET 3
36" X 64 3/8" PANEL SHOWN. OTHER SIZES APPROVED AS LONG AS
PANEL AREA DOES NOT EXCEED 16.09 FT²

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

HARDWARE SCHEDULE	
A.	(6) MERIT 4.5 BUTT HINGES (BRASS) AT JAMBS
B.	(2) HOPPE LEVER SET AT MEETING STILE
C.	(2) NOVA SHOOT BOLT STRIKE AT HEAD AND SILL
D.	(2) HOPPE SHOOT BOLT MIDDLE EXTENSION 891 MM W/600 MM ROLLER AT MEETING STILE
E.	(1) HOPPE SHOOT BOLT TOP EXTENSION 775 MM W/SHOOT BOLT AT MEETING STILE
F.	(2) NOVA ROLLER STRIKE AT MEETING STILE
G.	(1) CUSTOM WATER RETURN SILL ASHLAND PRO-WEEP 60606 AT SILL

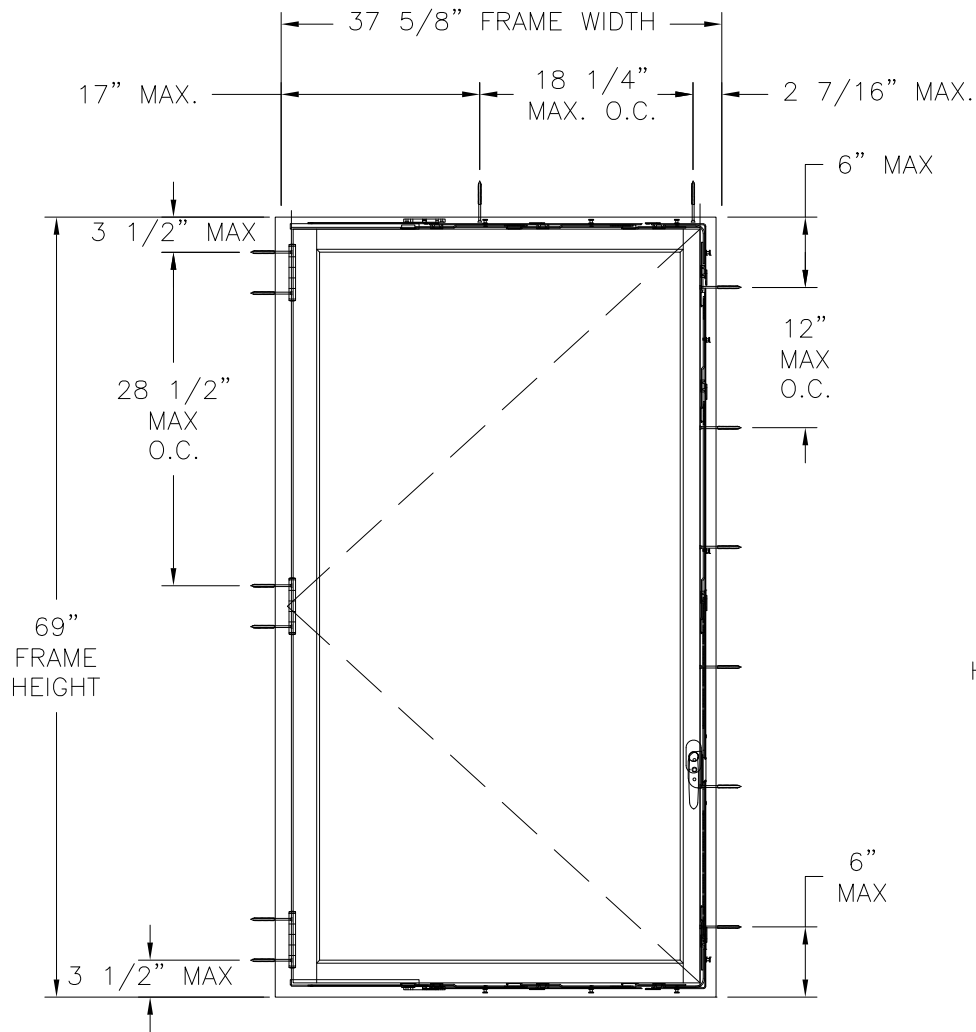
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT – HVHZ DOUBLE ELEVATION		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 2 OF 16
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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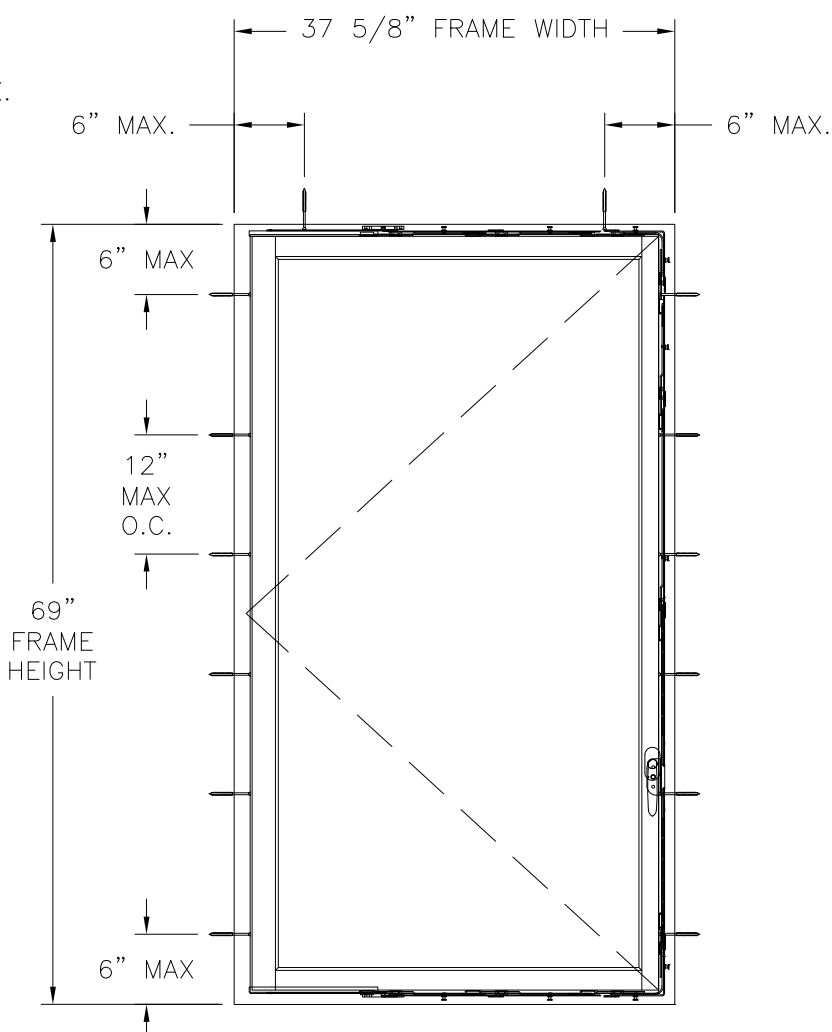


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RWD WOOD INSWING - SINGLE
EXTERIOR VIEW (ANCHORS THROUGH HARDWARE & HINGES)



RWD WOOD INSWING - 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 SHEET 3
36" X 64 3/8" PANEL SHOWN. OTHER SIZES APPROVED AS LONG AS
PANEL AREA DOES NOT EXCEED 16.09 FT²

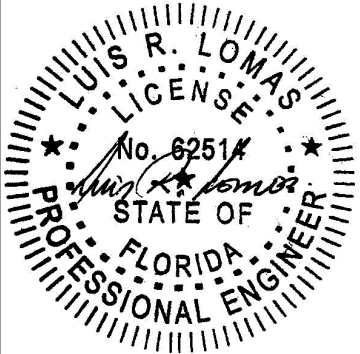
CHART 1

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	-	-	-	-	-	-	-	-	-	-

HARDWARE SCHEDULE	
A.	(6) MERIT 4.5 BUTT HINGES (BRASS) AT JAMBS
B.	(2) HOPPE LEVER SET AT MEETING STILE
C.	(2) NOVA SHOOT BOLT STRIKE AT HEAD AND SILL
D.	(2) HOPPE SHOOT BOLT MIDDLE EXTENSION 891 MM W/600 MM ROLLER AT MEETING STILE
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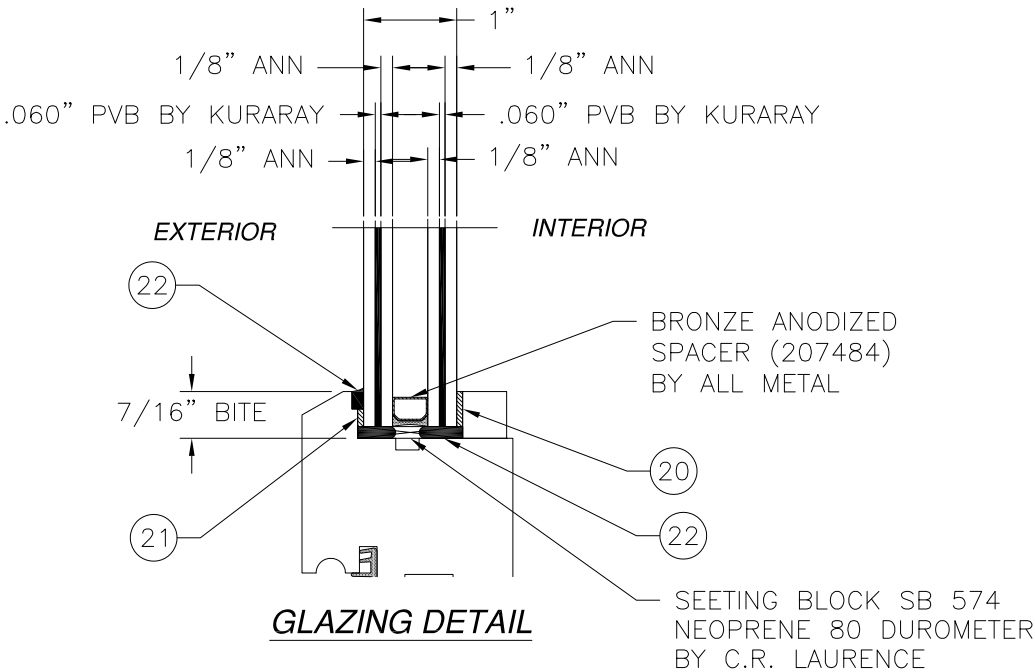
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT – HVHZ SINGLE ELEVATION AND CHART		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 3 OF 16
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 02/11/2026

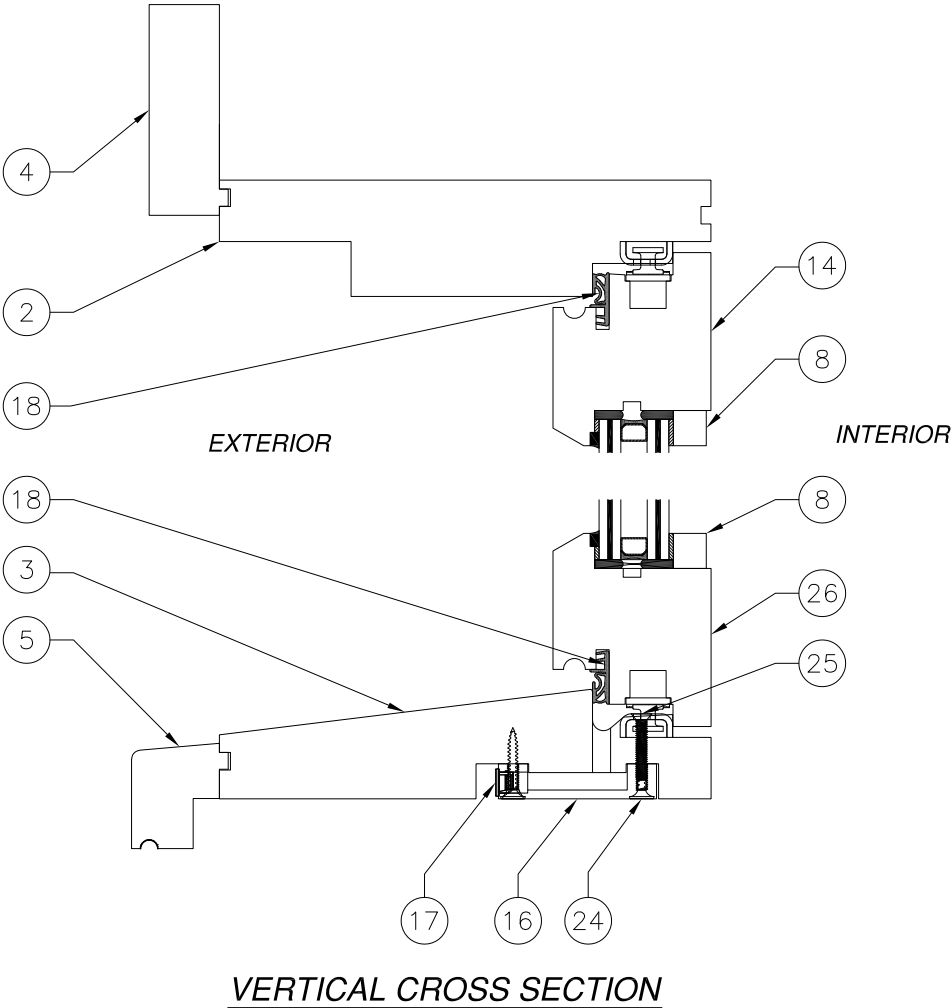


Luis R. Lomas P.E.
FL No.: 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	J7	JAMB	REILLY	MAHOGANY
2	J7A	HEAD	REILLY	MAHOGANY
3	SL7	SILL	REILLY	MAHOGANY
4	CA3	CASING	REILLY	MAHOGANY
5	SN1.2	NOSING	REILLY	MAHOGANY
6	A2.37	STILE	REILLY	MAHOGANY
7	A2.12A	STILE	REILLY	MAHOGANY
8	GSA	GLASS STOP	REILLY	MAHOGANY
9	AS1.5A	EXTERIOR ASTRAGAL	REILLY	MAHOGANY
10	A2.56	STILE	REILLY	MAHOGANY
11	AS1.5	INTERIOR ASTRAGAL	REILLY	MAHOGANY
12	125P-PBA-4.5X4.5	BUTT HINGE	MERIT	BRASS
13	1740123	VERONA WINDOW LEVER	HOPPE	BRASS
14	A2.37	HEAD & SILL FRAME	REILLY	MAHOGANY
15	895566	GEAR	SIEGENIA	SST
16	NEW ALUM EXT	EXTRUSION	NOVA	ALUMINUM 6063-T5
17	60606	PROWEEP 4 AMOUNT AS	ASHLAND HARDWARE	PLASTIC
18	WS24-B	WEATHERSTRIP BLACK	RCT	EPDM 75 SHORE A
19	60 DURO-WH	ASTRAGAL WEATHER SEAL	IND-EX	60 DURO
20	6116-WH-1875	GLAZING TAPE	LAMATEK	FOAM
21	6116-WH-375	GLAZING TAPE	LAMATEK	FOAM
22	995-WH-20 OZ	STRUCTURAL SILICONE CAULK	DOW CORNING	
23	90294A155	WOOD SCREW #6	McMASTER CARR	SST
24	90065A199	WOOD SCREW #8	McMASTER CARR	SST
25	91771A199	#8-32 SMS	McMASTER CARR	SST



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FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 6 -11

SIGNED: 02/11/2026

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

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

DRAWN:
A.P.

DWG NO.
08-02429B

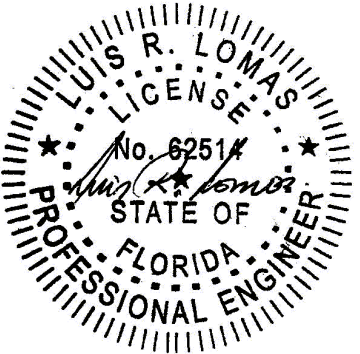
REV
B

SCALE
NTS

DATE
01/21/13

SHEET
4 OF 16

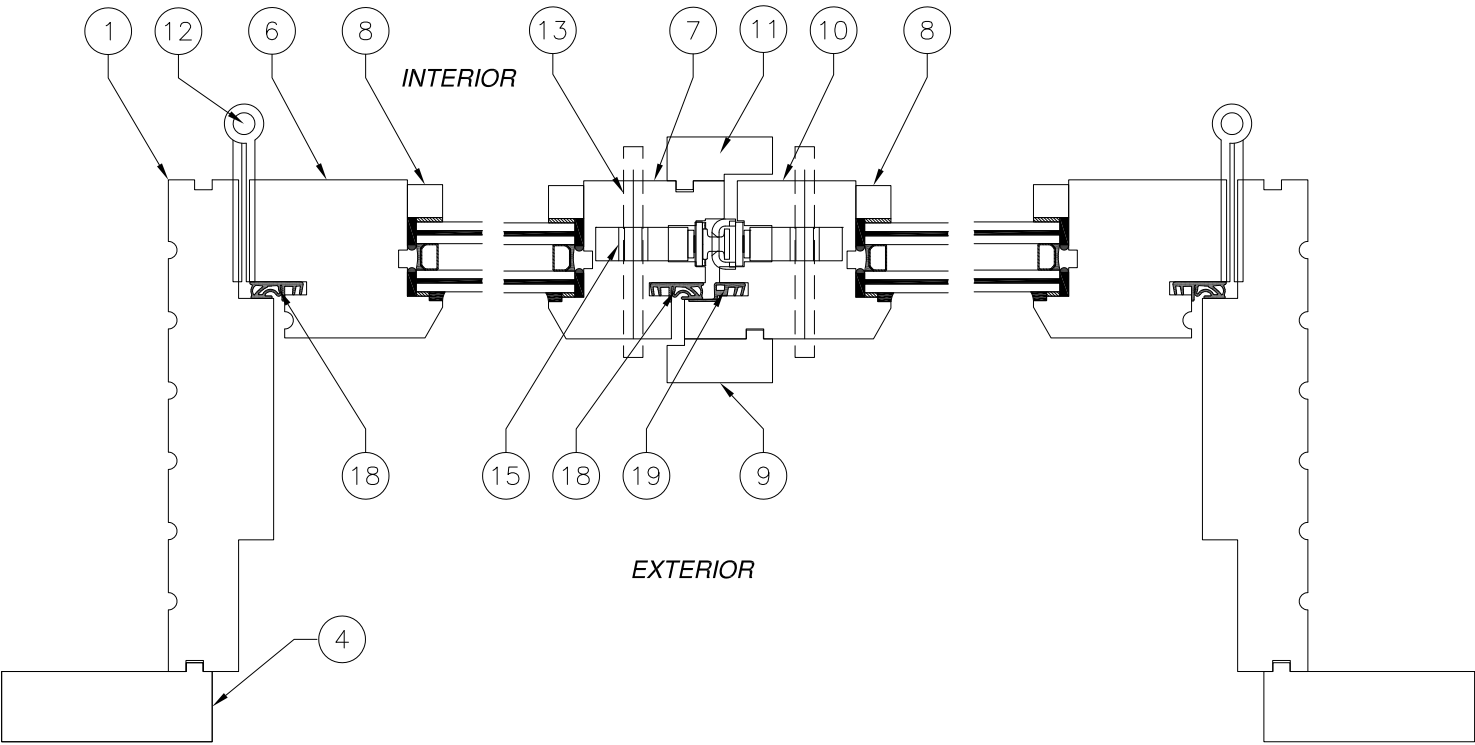
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



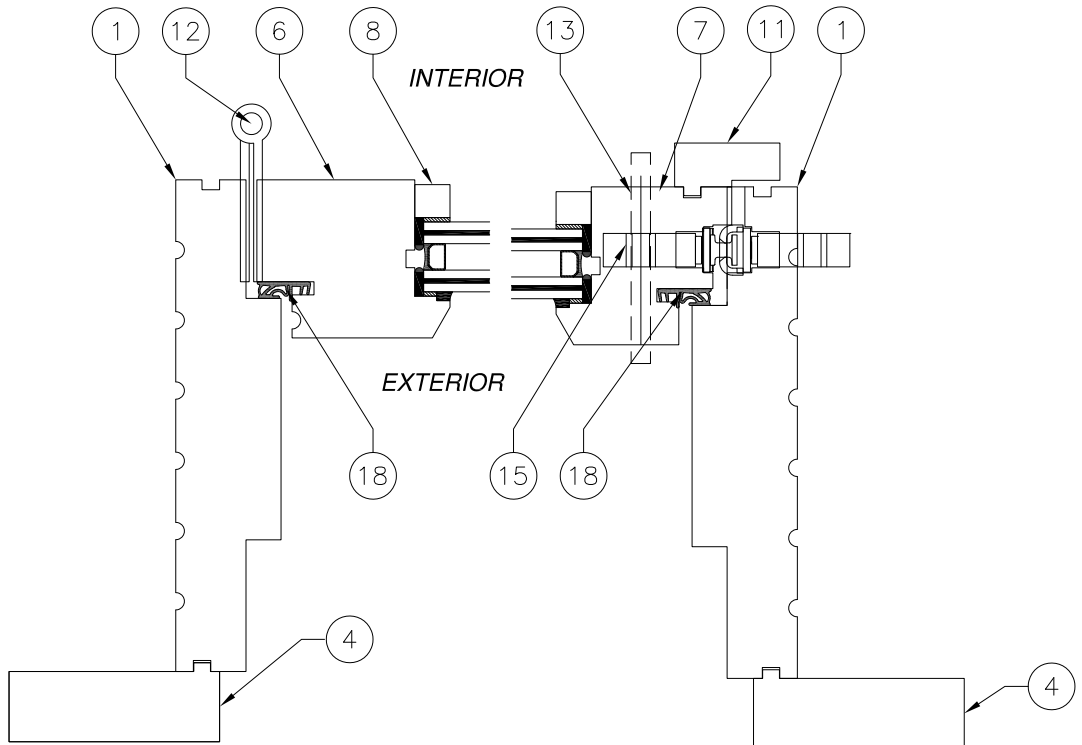
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FOR INSTALLATION DETAILS REFER TO SHEETS 6 - 11

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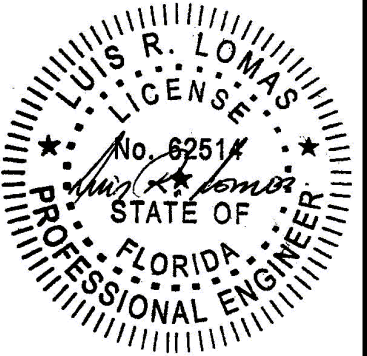
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DOUBLE



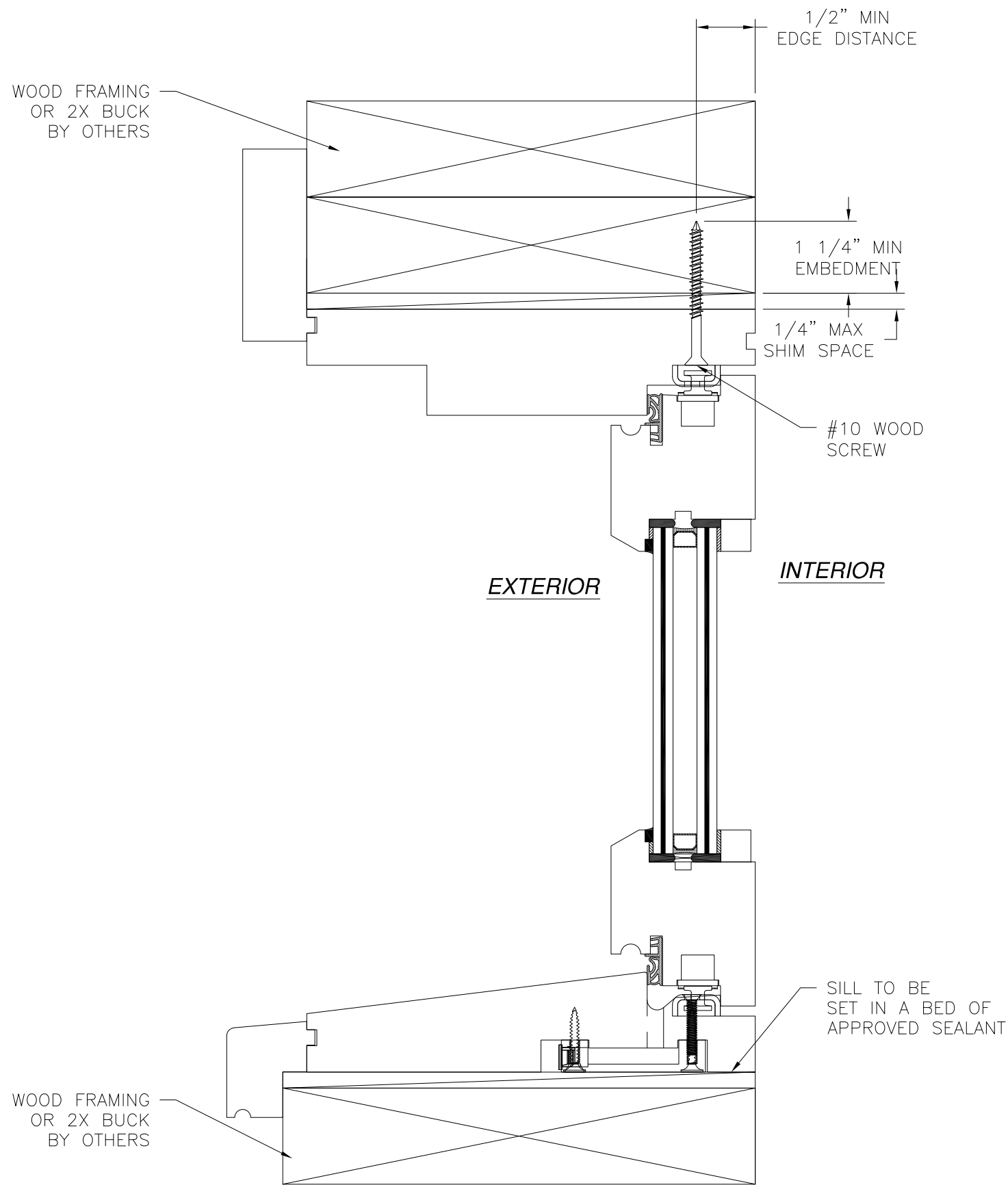
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SINGLE

SIGNED: 02/11/2026

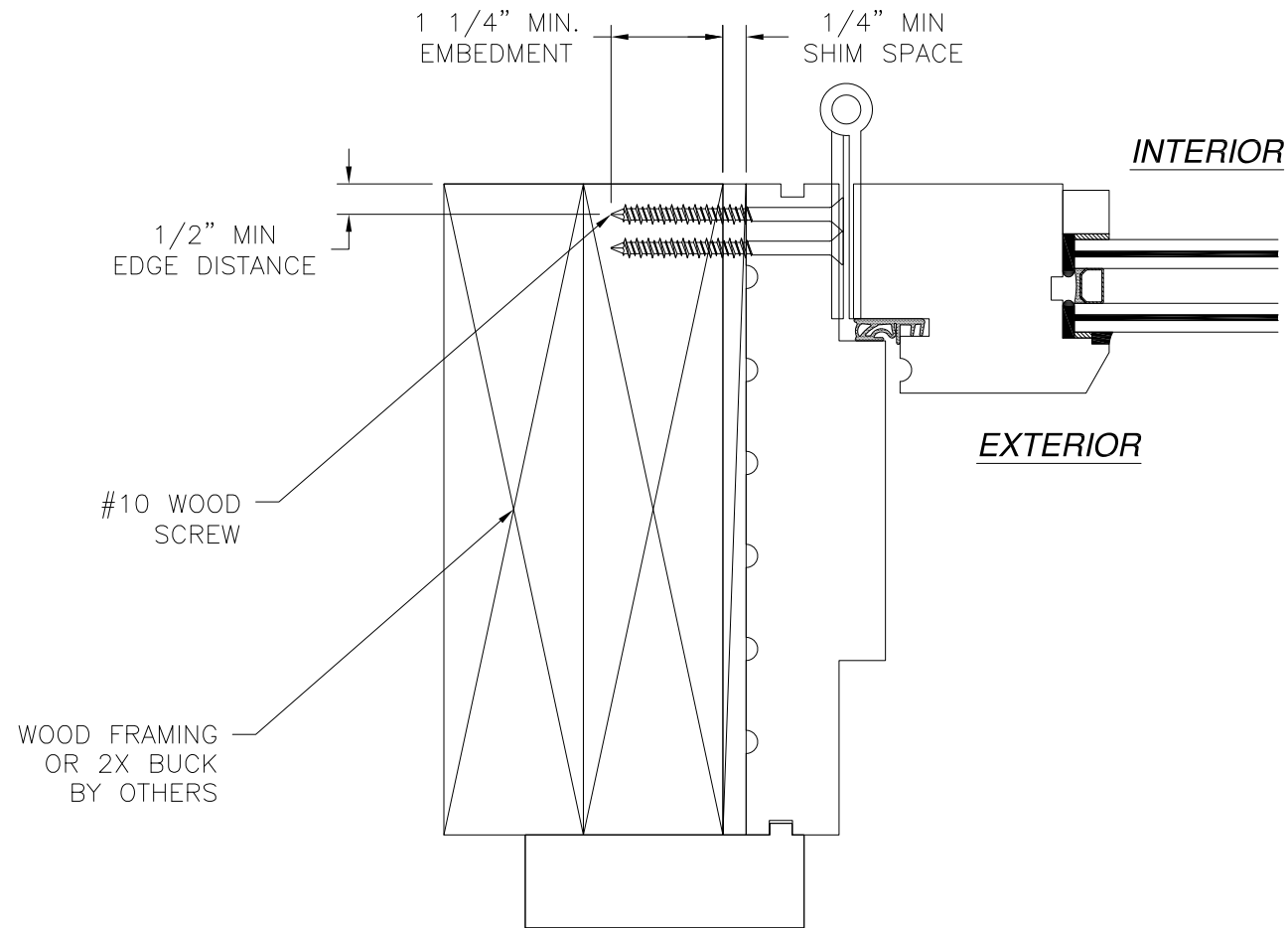
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 5 OF 16
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



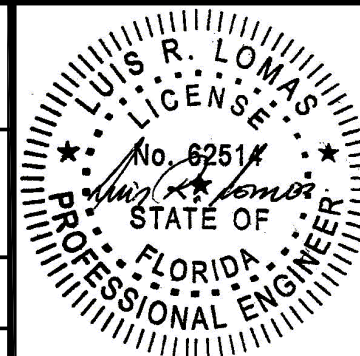
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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

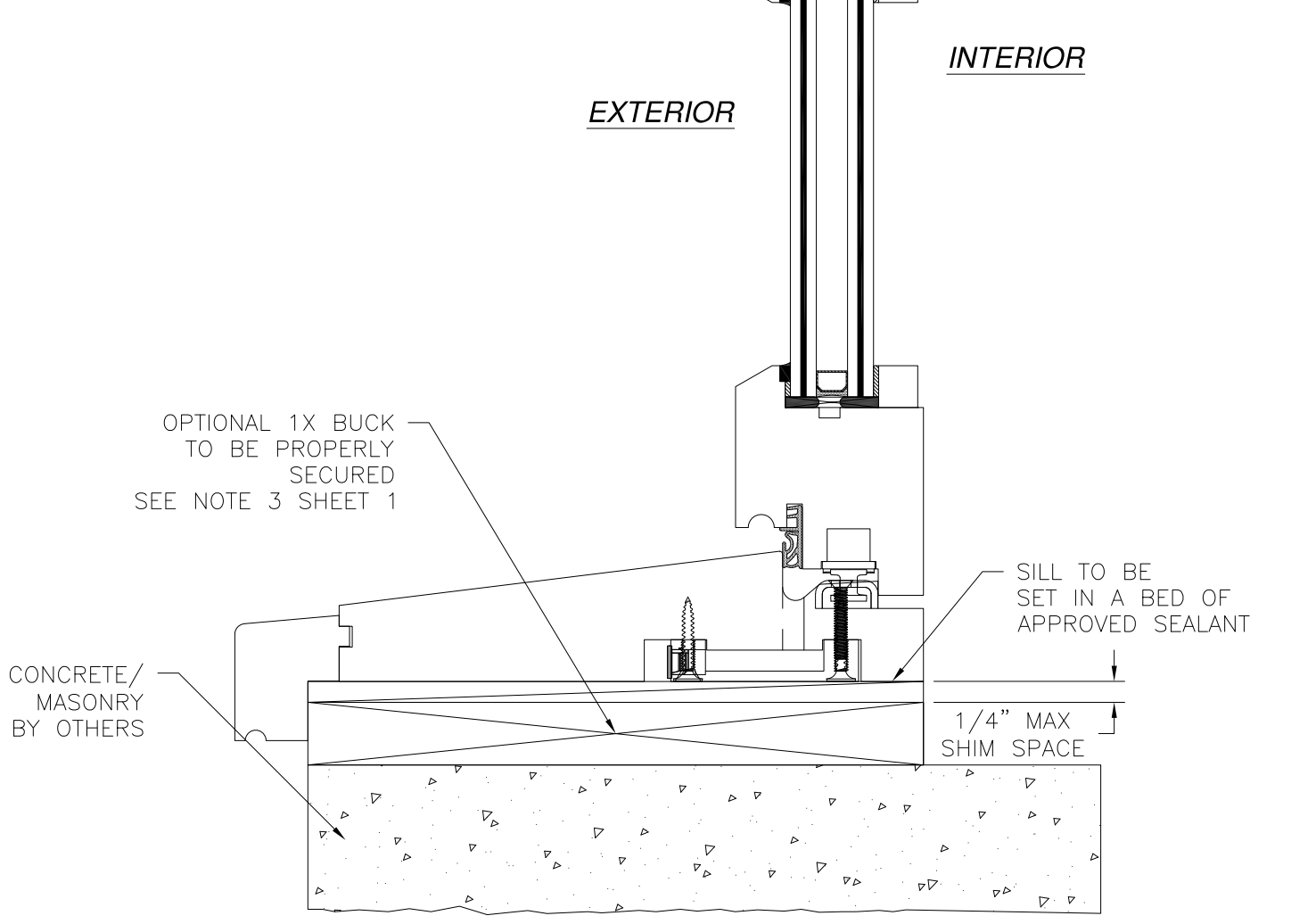
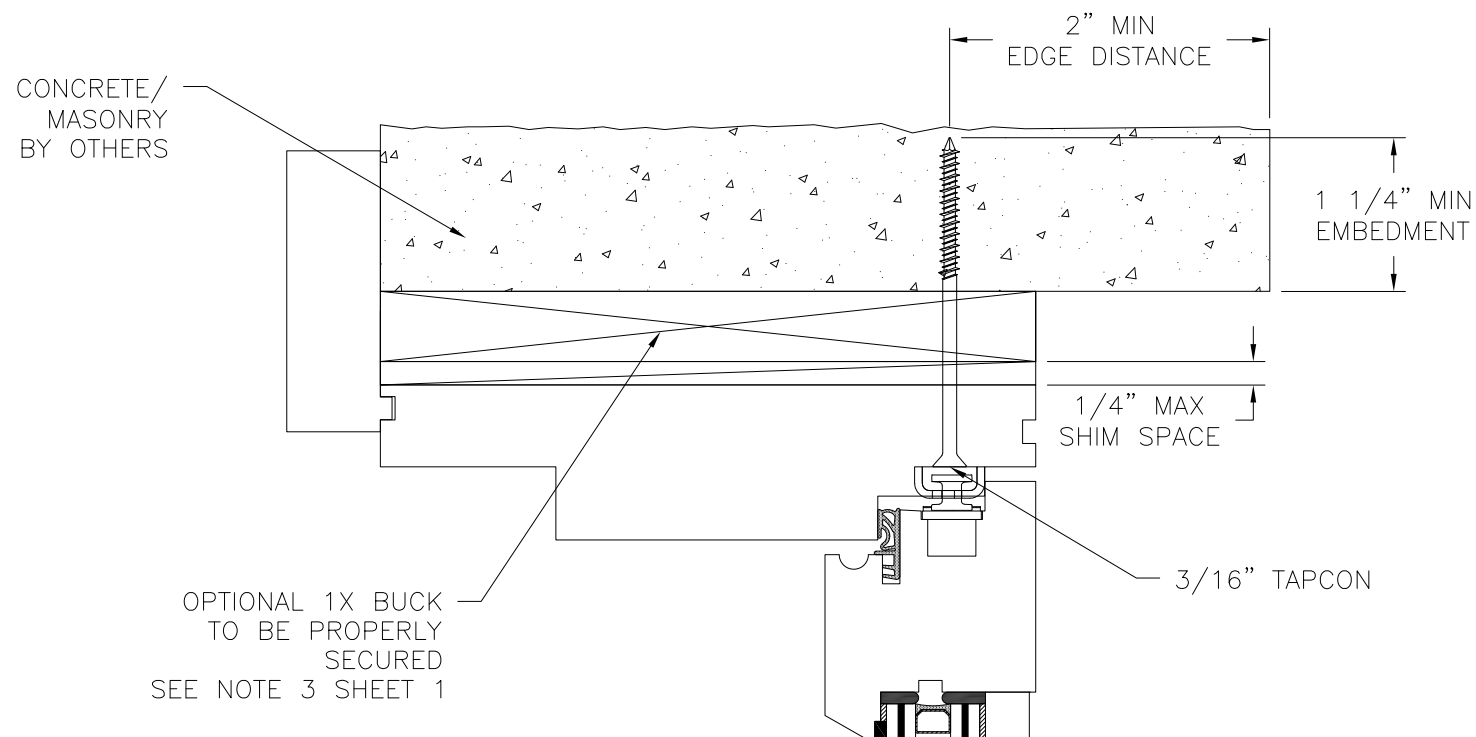
SIGNED: 02/11/2026

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RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 6 OF 16
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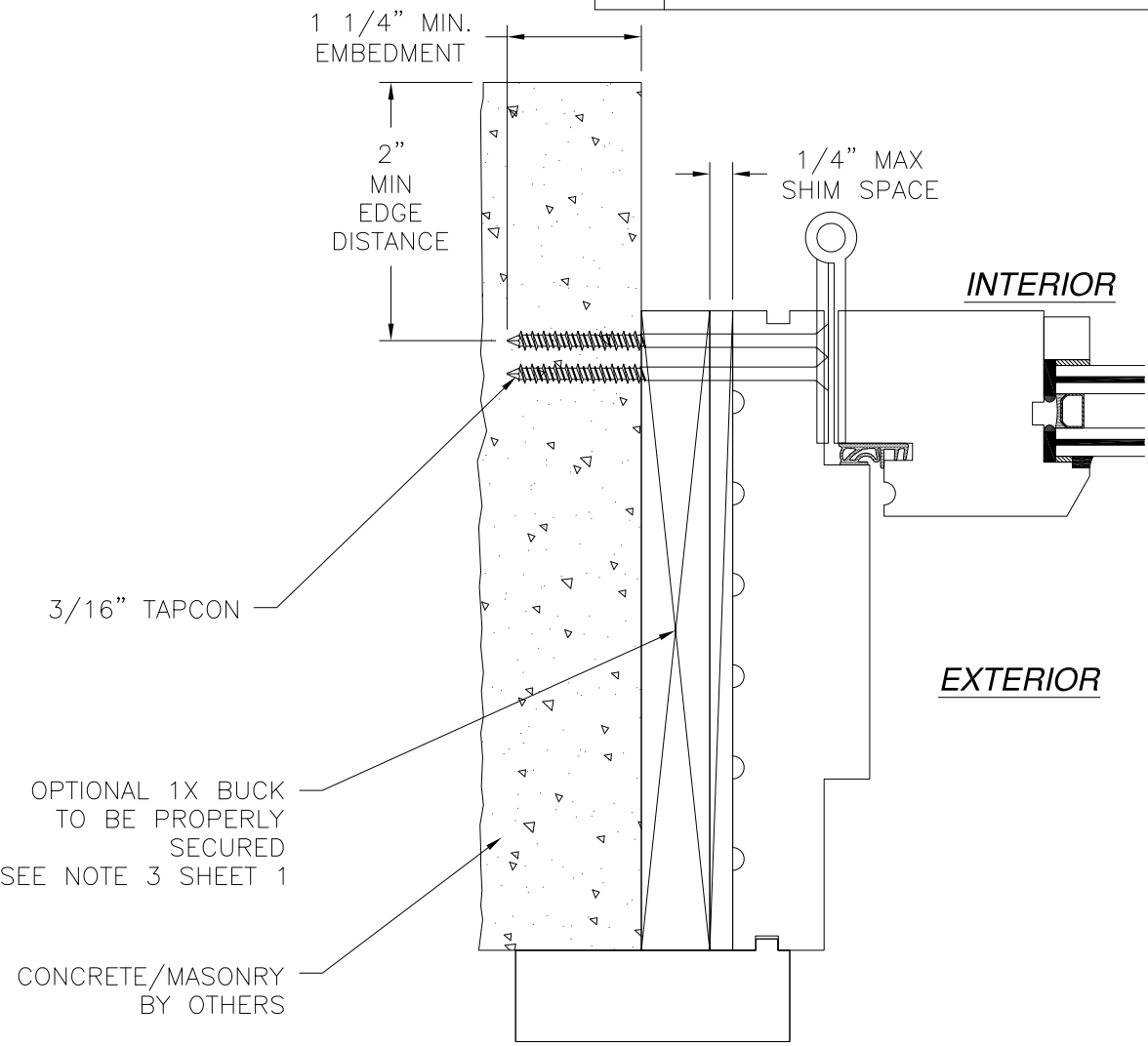
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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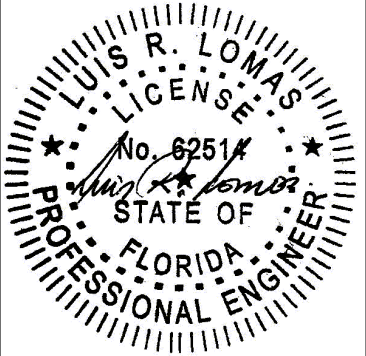


JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

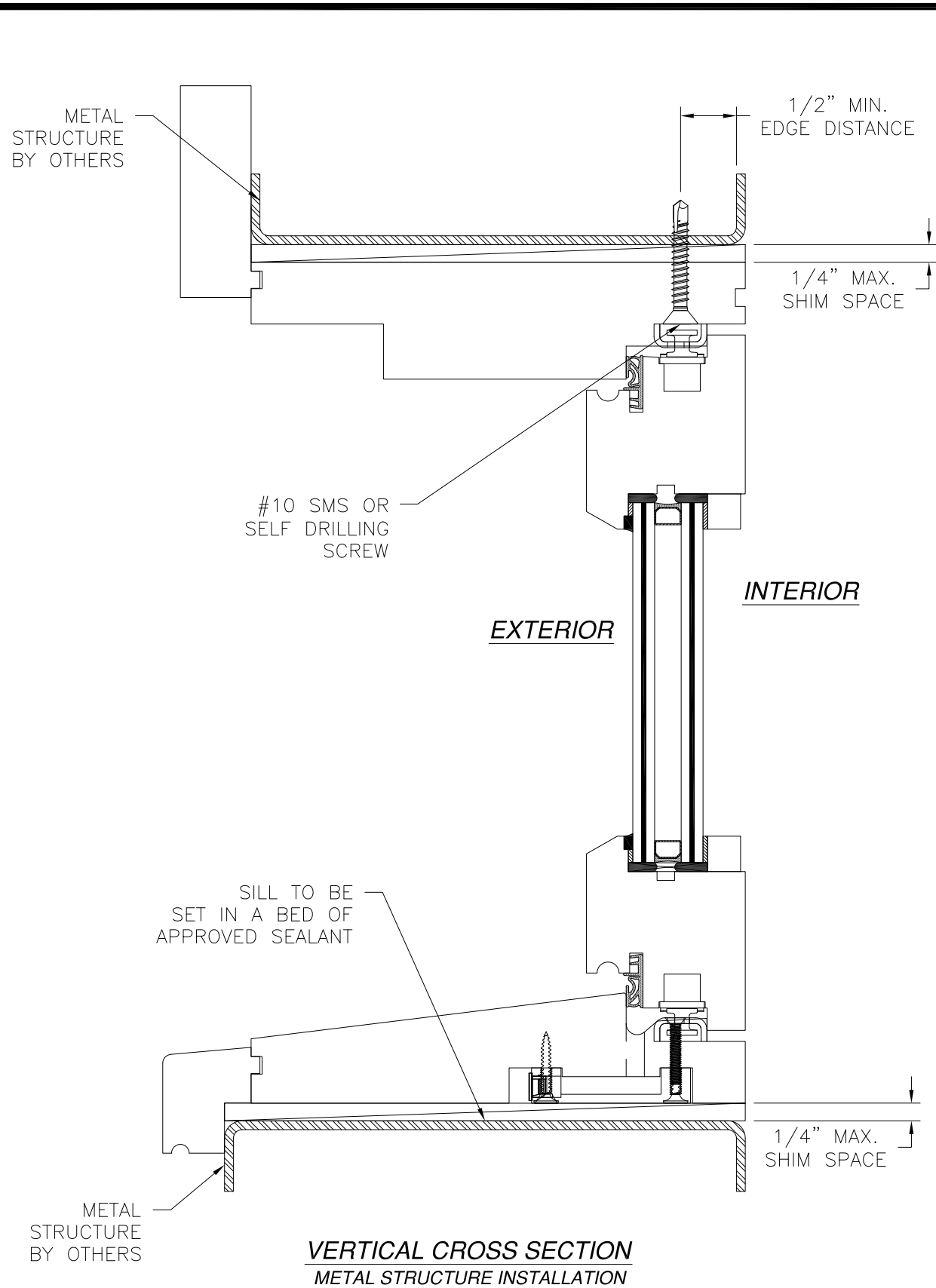
- NOTES:**
- INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 - PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 02/11/2026

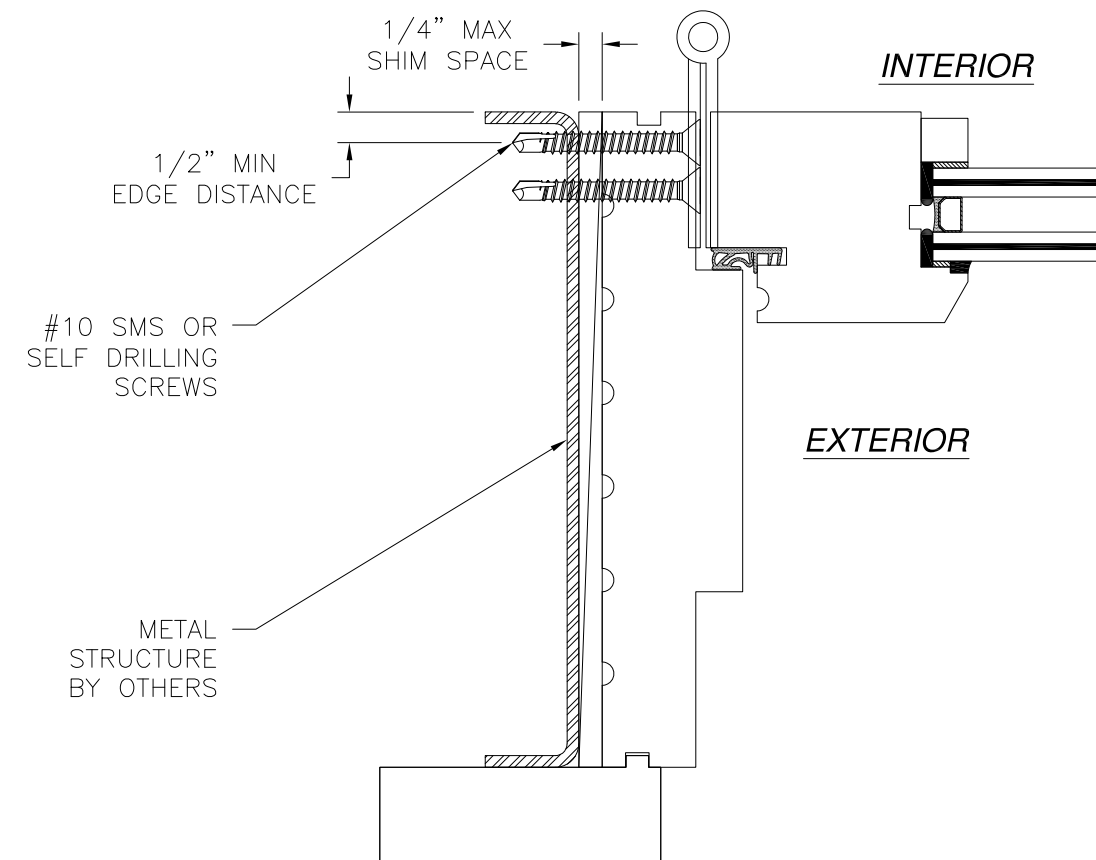
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 7 OF 16
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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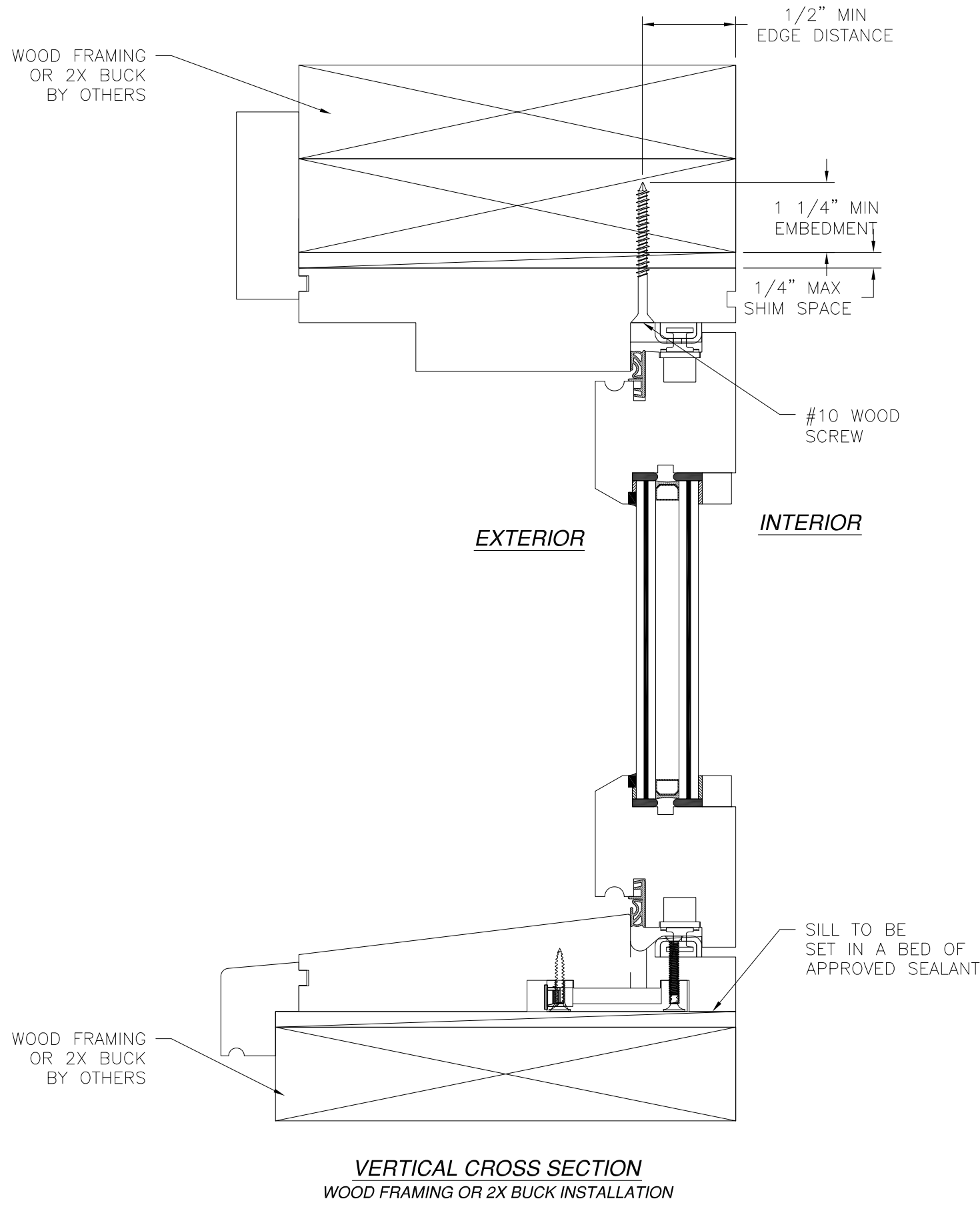
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 8 OF 16
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

SIGNED: 02/11/2026

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

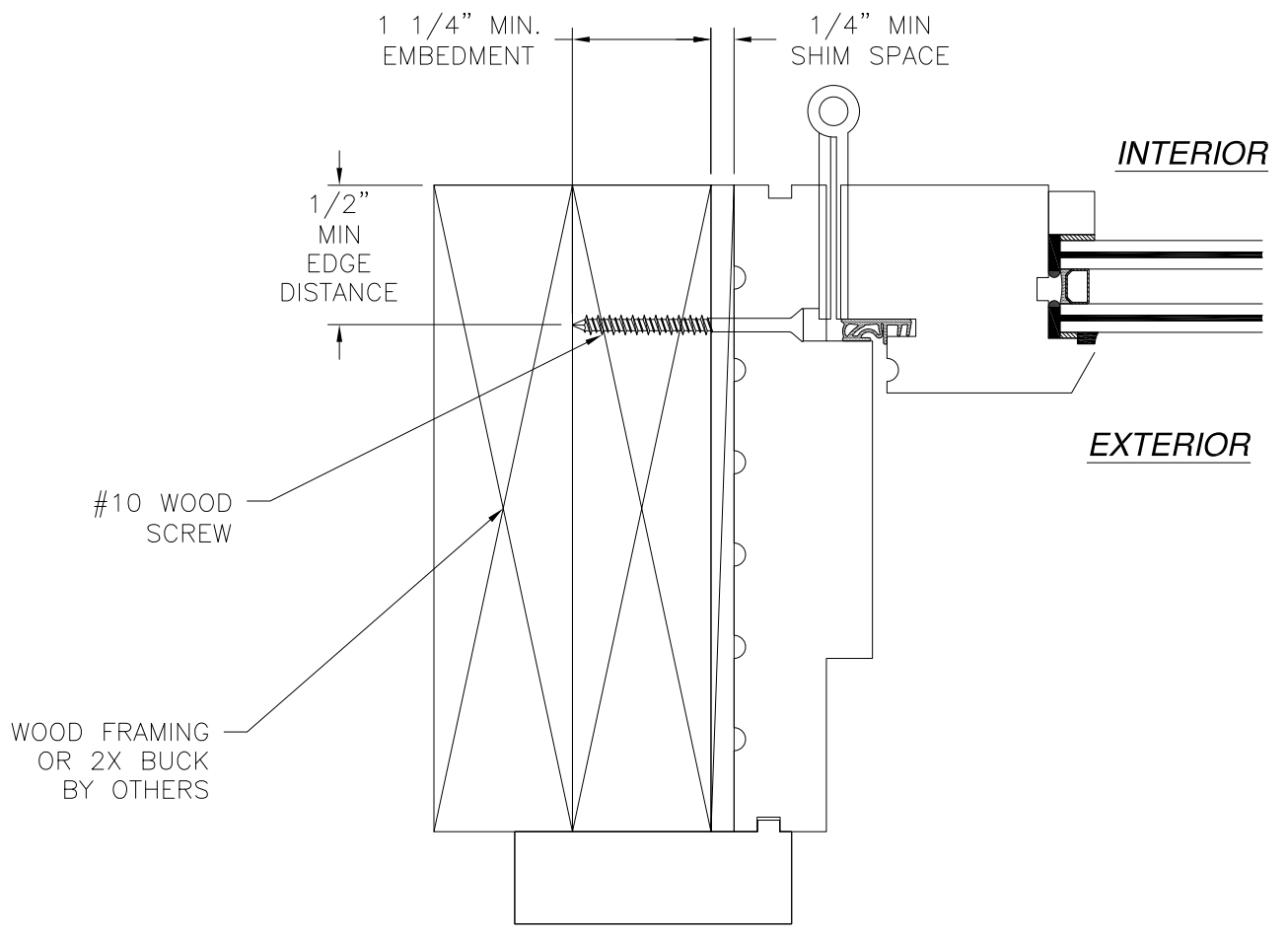
Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/31/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED INSTALLATION DETAILS	05/31/17	R.L.
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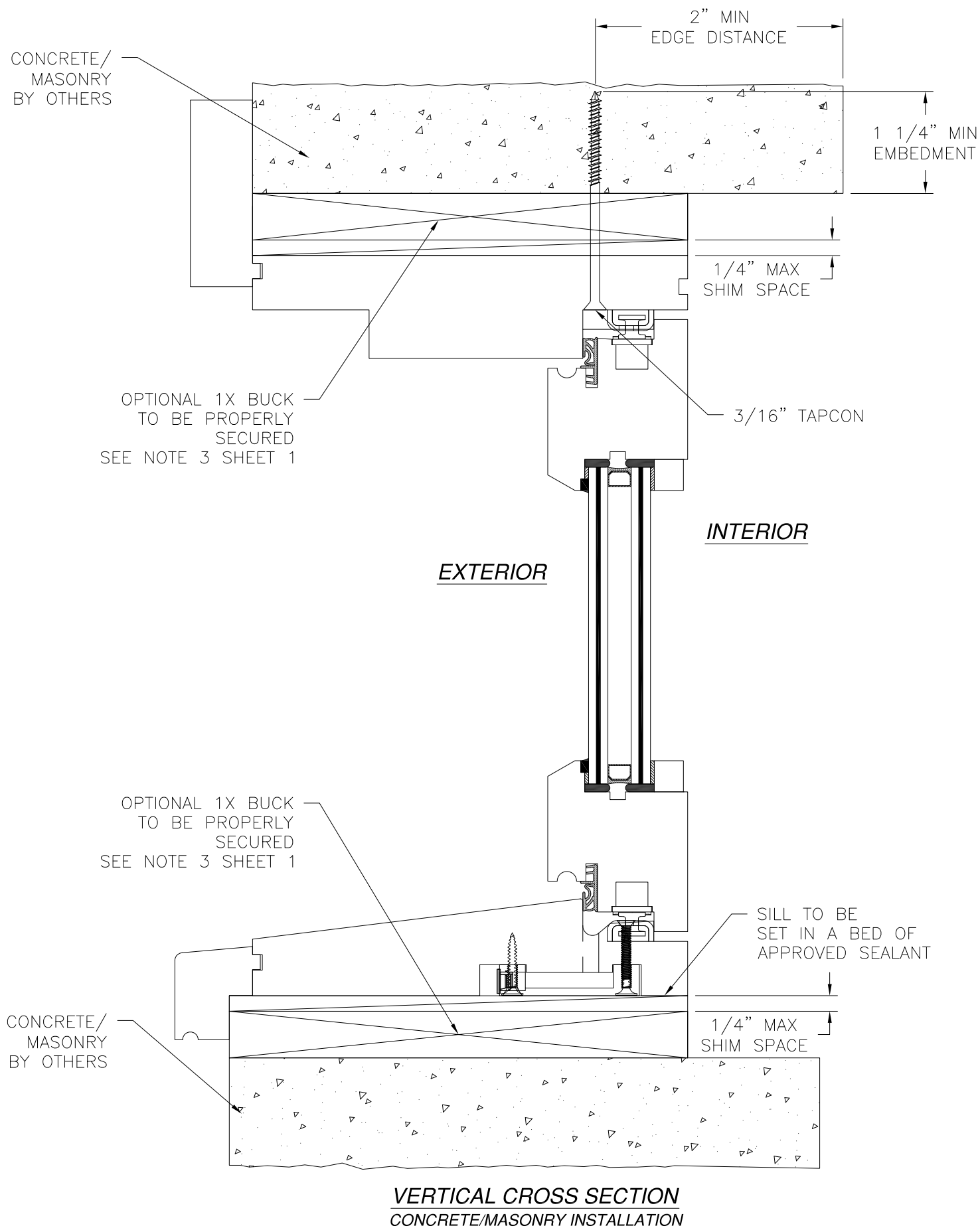
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

- 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

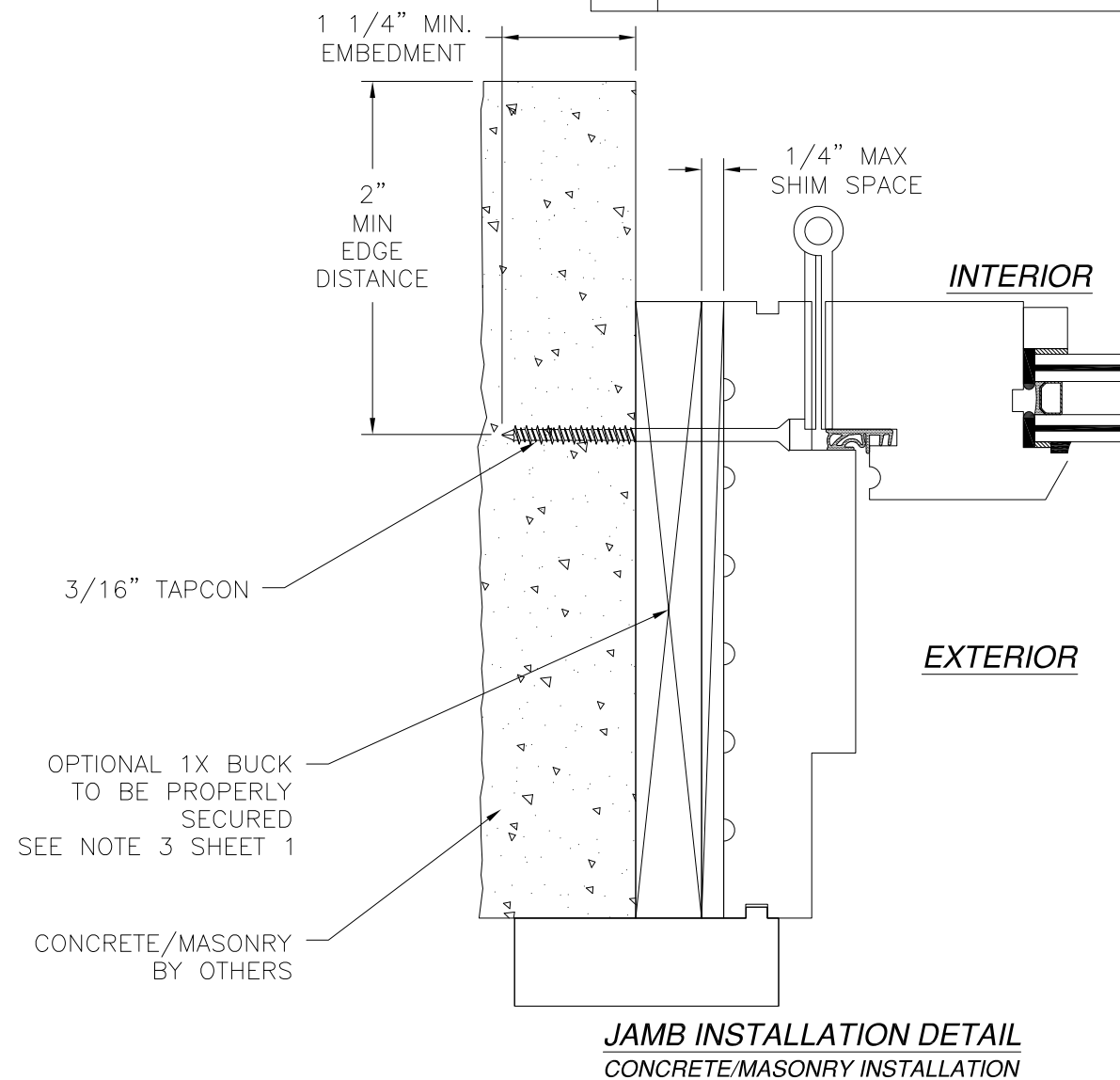
SIGNED: 02/11/2026

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 9 OF 16
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.



REVISIONS			
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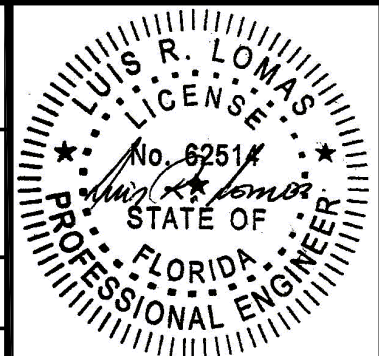


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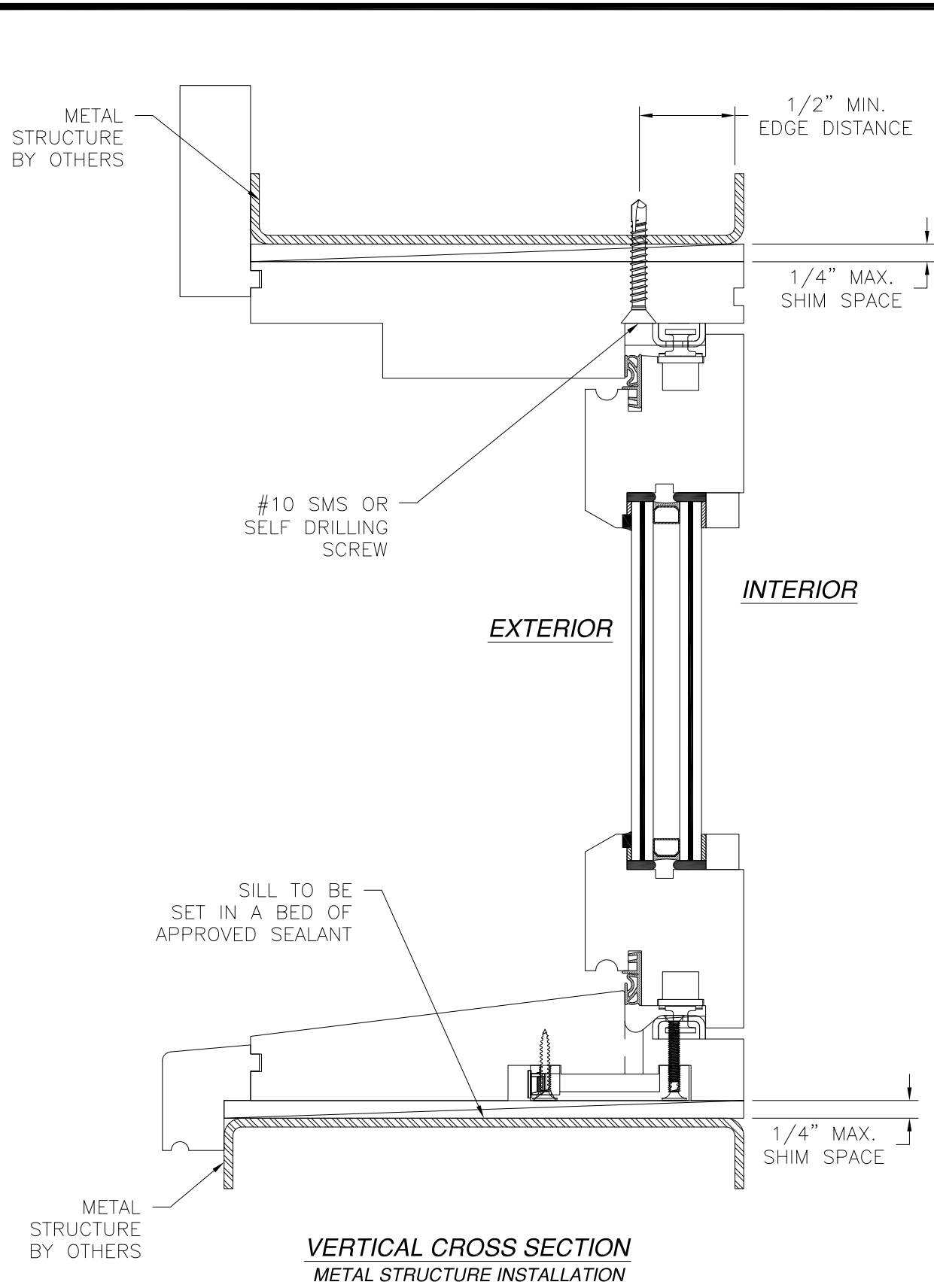
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 02/11/2026

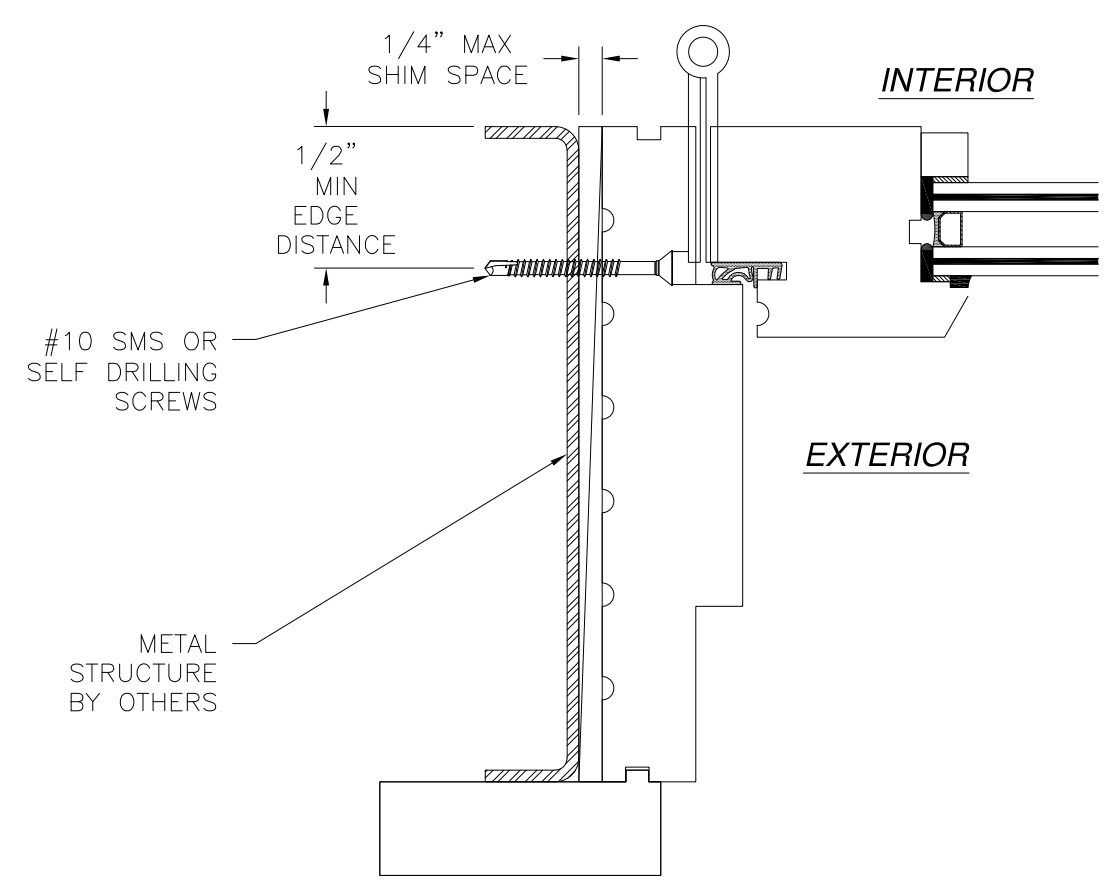
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 10 OF 16
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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

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

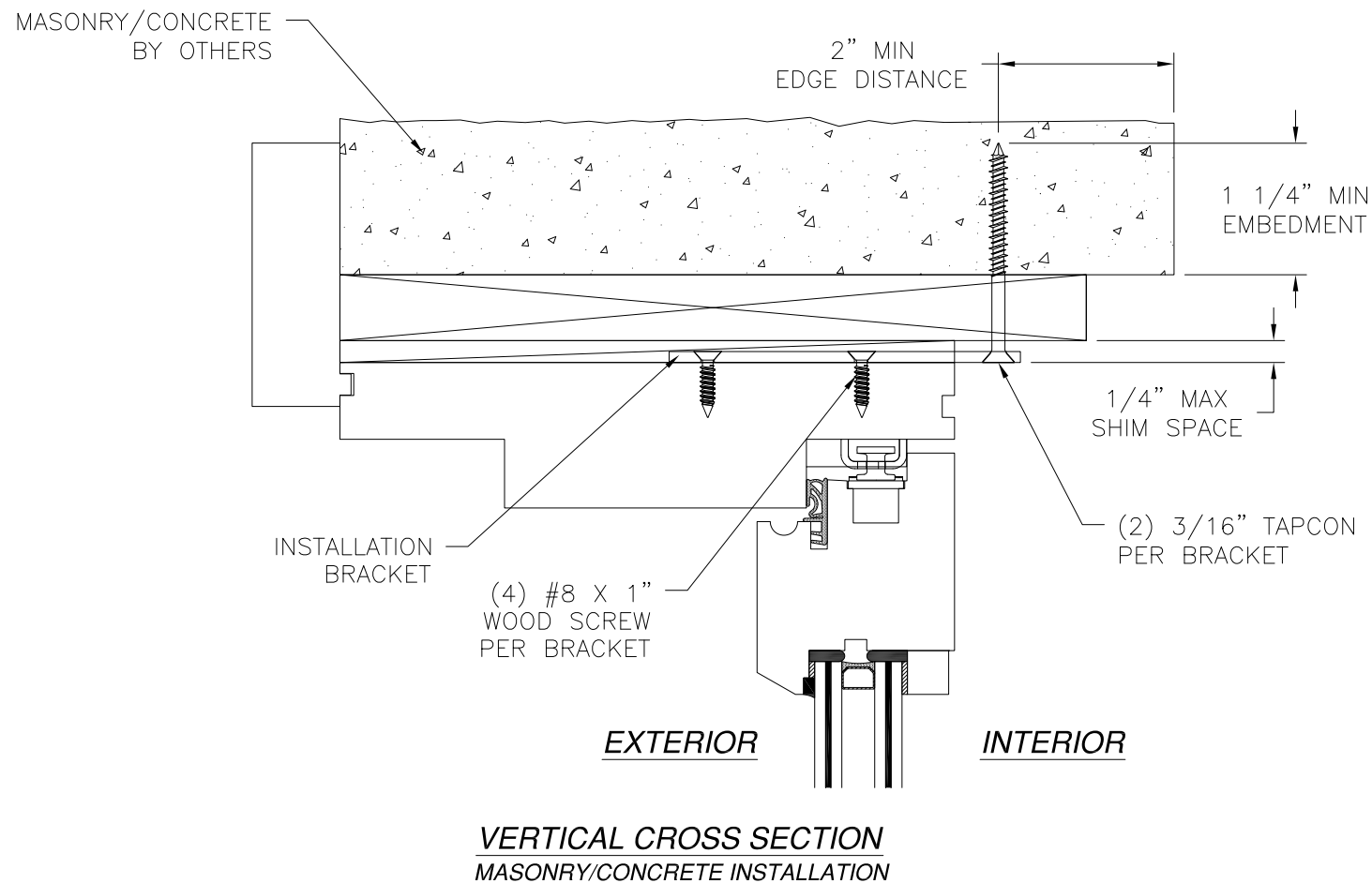
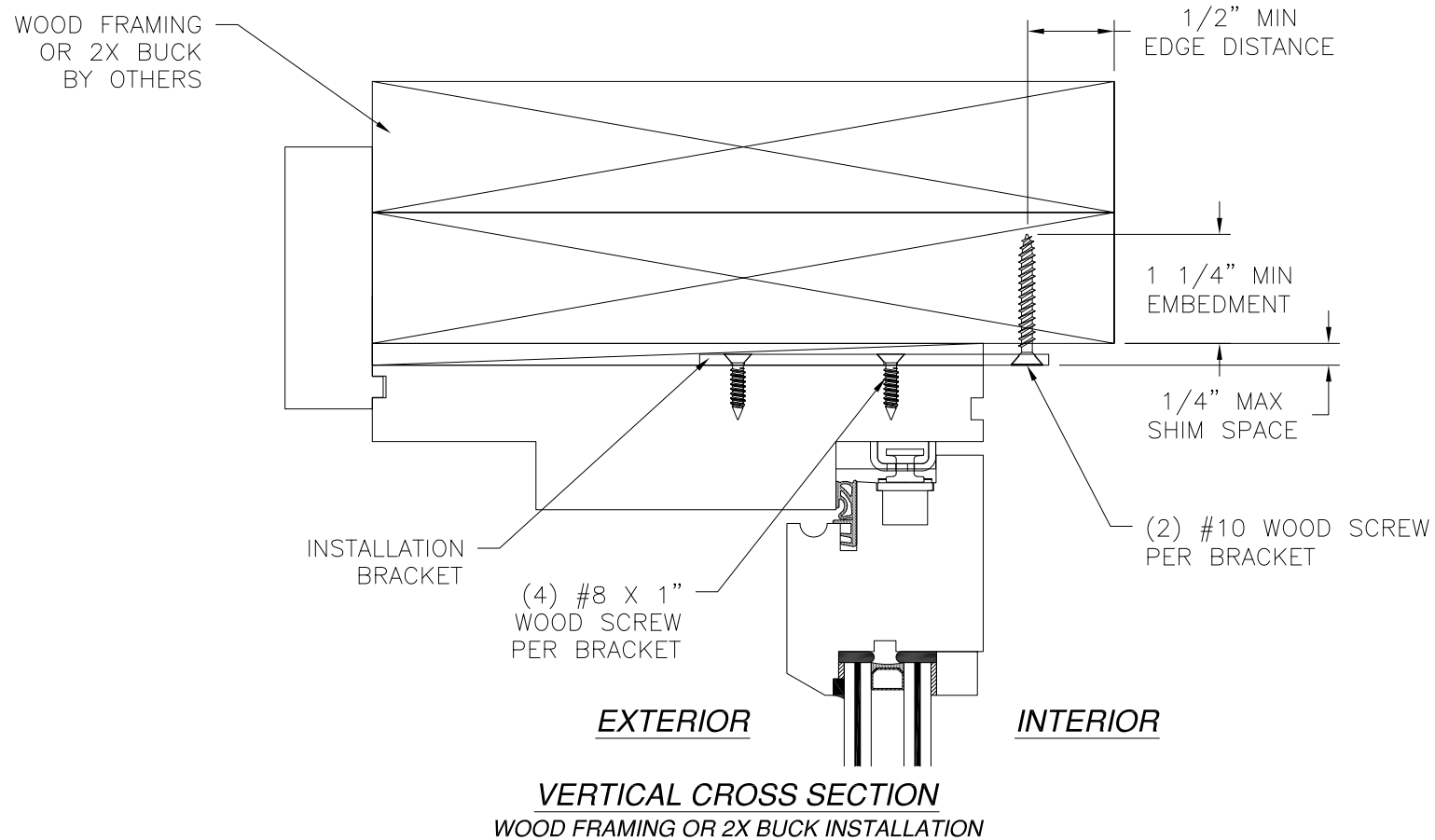
RWD WOOD INSWING CASEMENT
IMPACT - HVHZ
INSTALLATION DETAILS

DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 11 OF 16

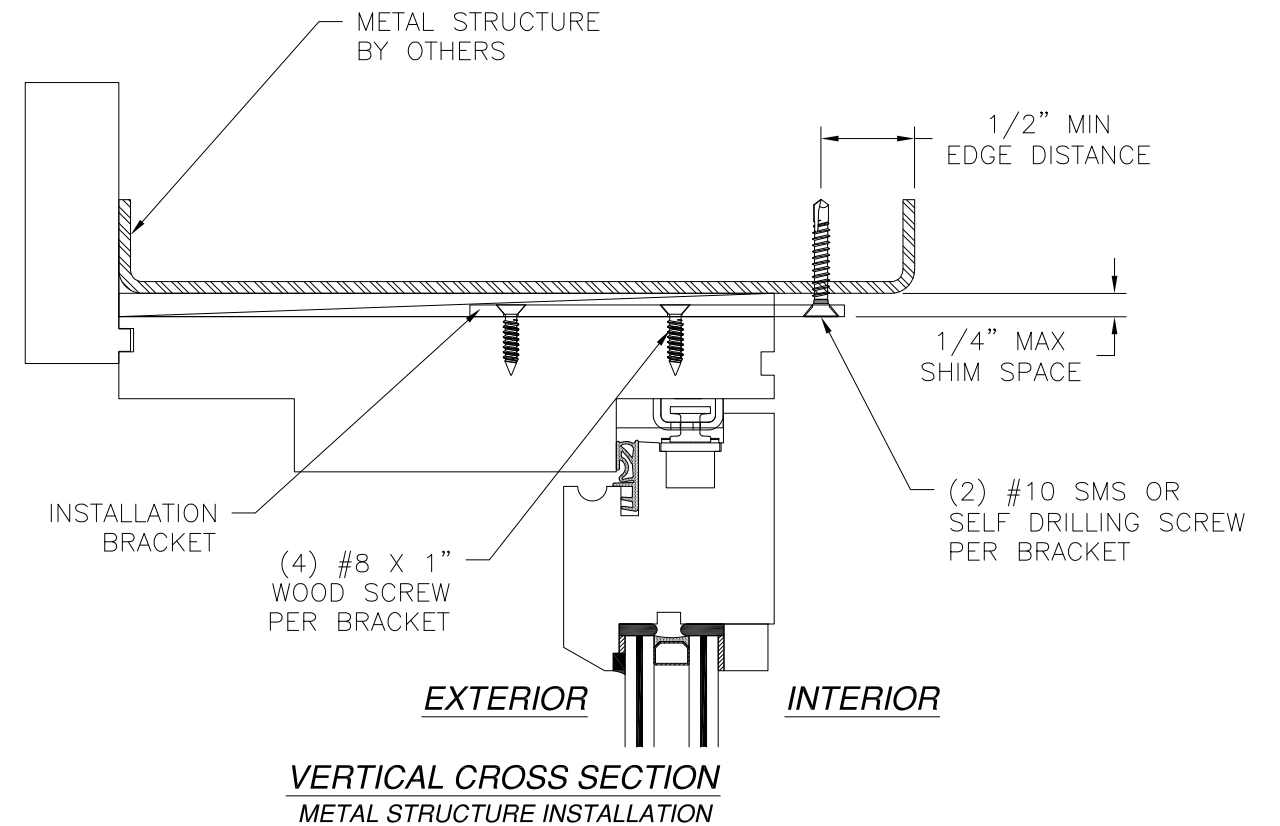
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 02/11/2026

Luis R. Lomas P.E.
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REVISIONS			
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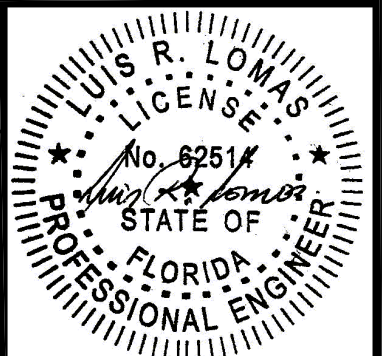


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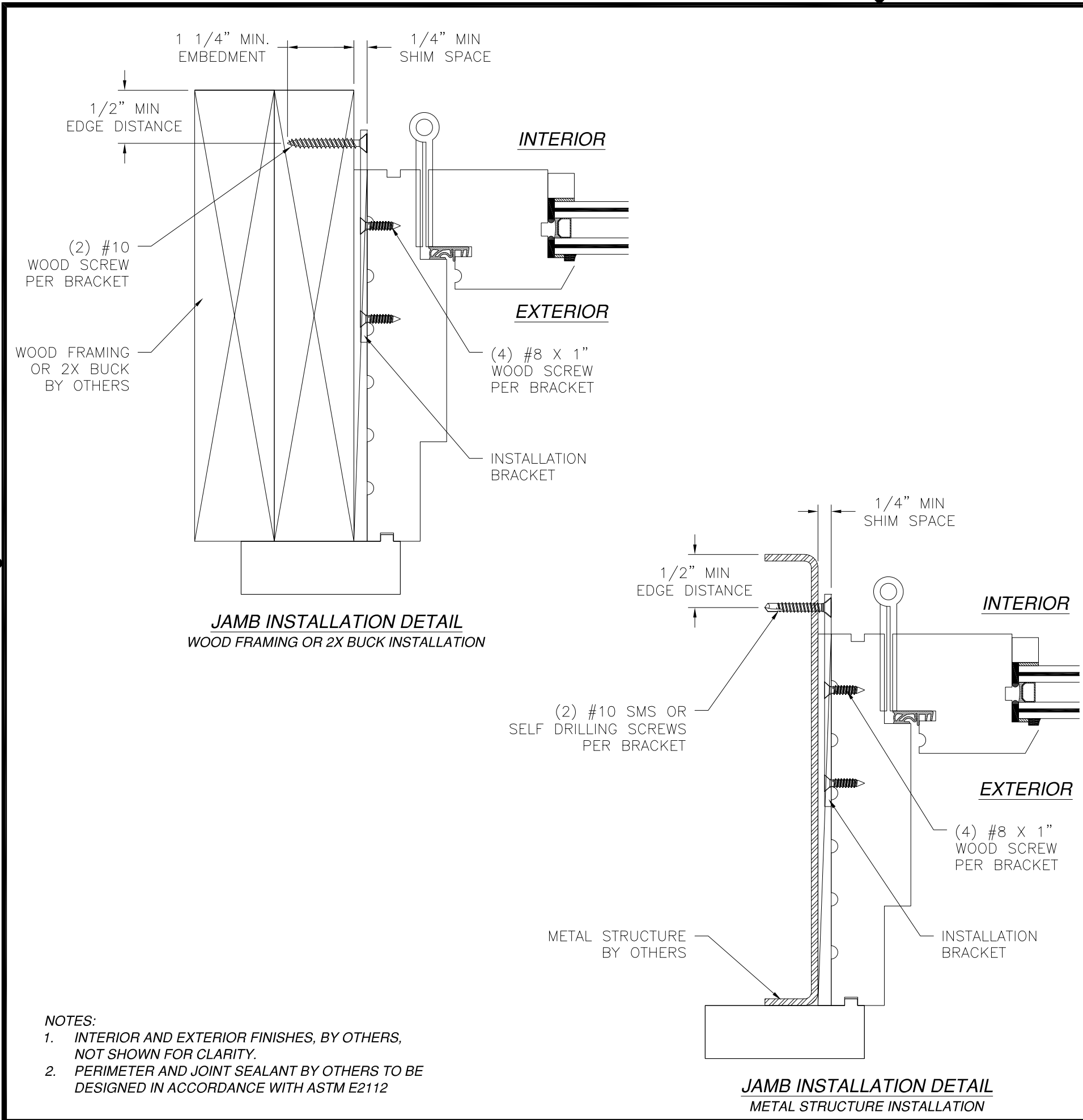
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SIGNED: 02/11/2026

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT - HVHZ INSTALLATION DETAILS W/CLIP		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 12 OF 16
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	05/31/17	R.L.
B	ADD CLIP INSTALLATION	12/04/18	R.L.

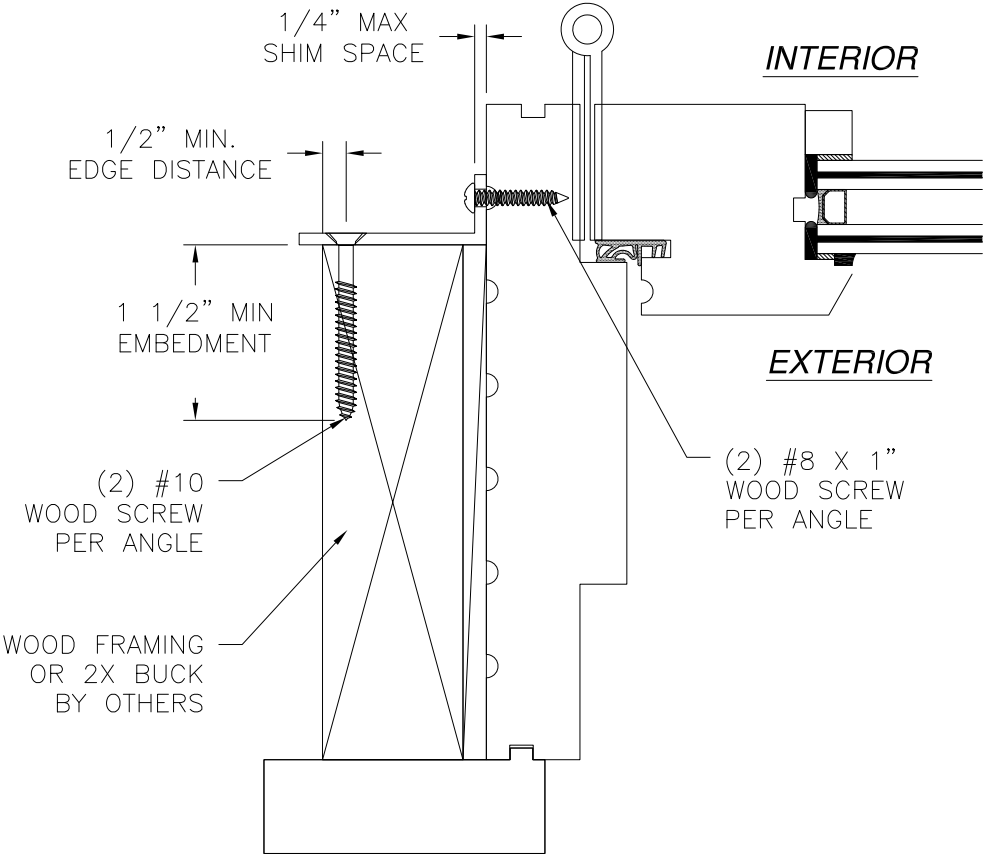
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

SIGNED: 02/11/2026

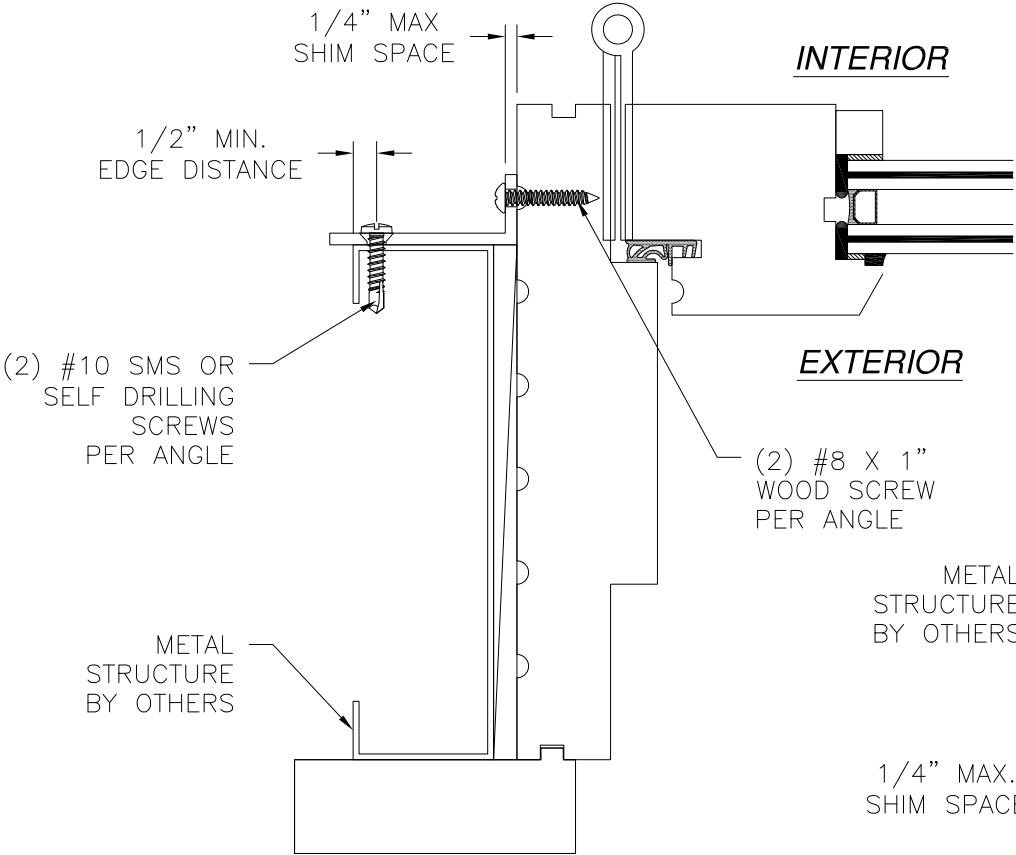
REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT – HVHZ INSTALLATION DETAILS W/CLIP		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 13 OF 16
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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

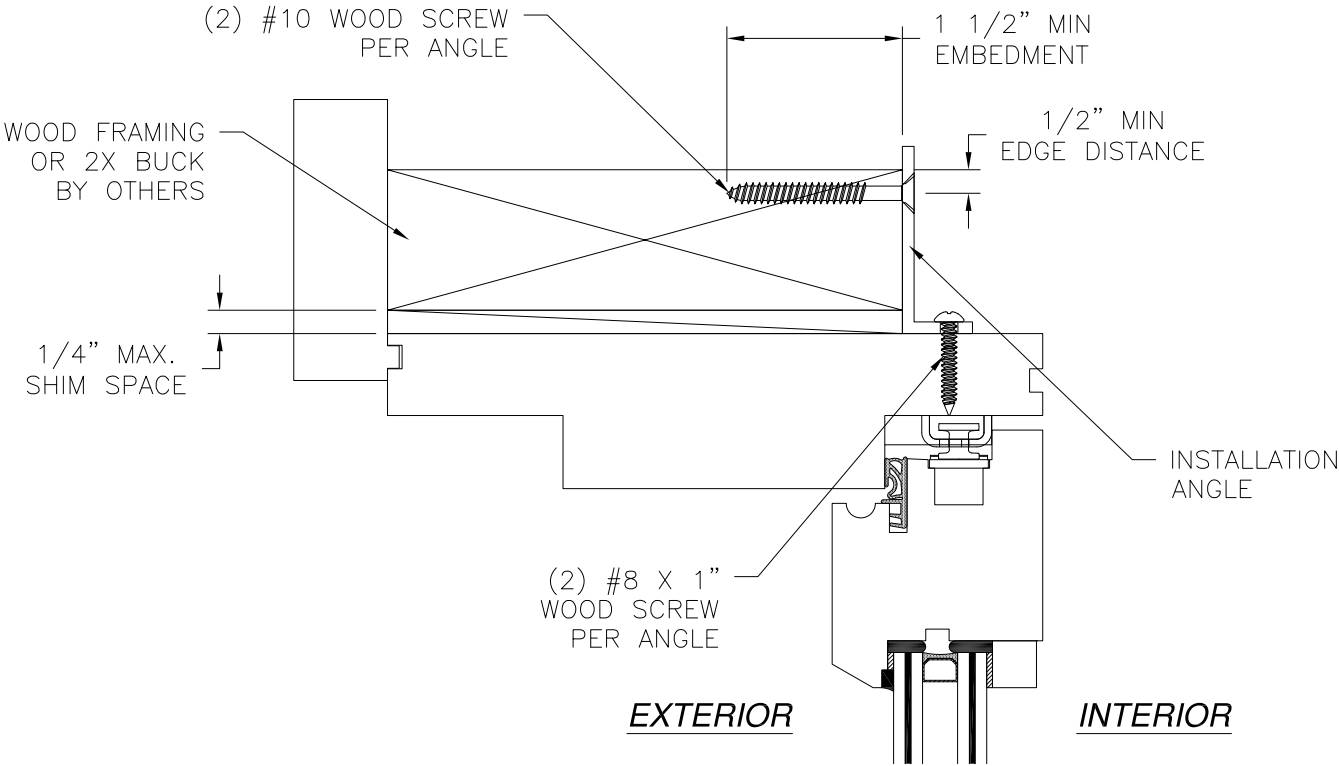
REVISIONS			
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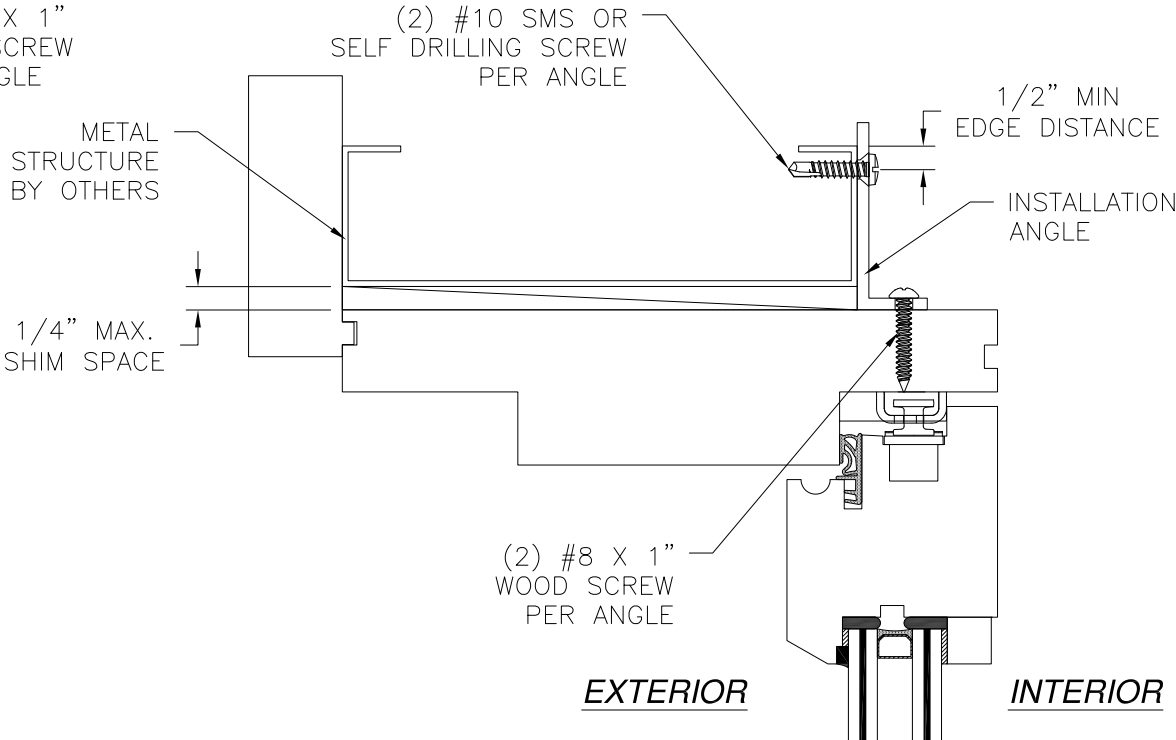
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

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SIGNED: 02/11/2026

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

RWD WOOD INSWING CASEMENT
IMPACT – HVHZ
INSTALLATION DETAILS W/ANGLE

DRAWN:
A.P.

DWG NO.
08-02429B

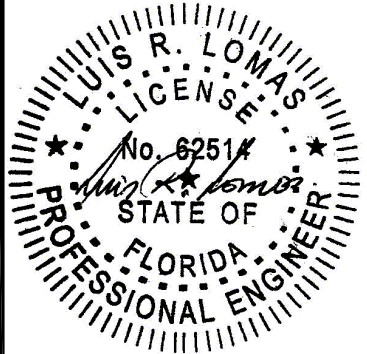
REV
B

SCALE
NTS

DATE
01/21/13

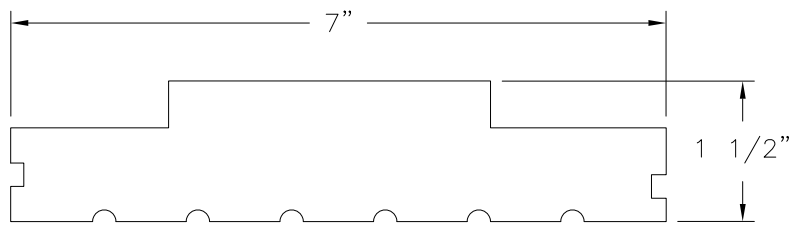
SHEET
14 OF 16

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

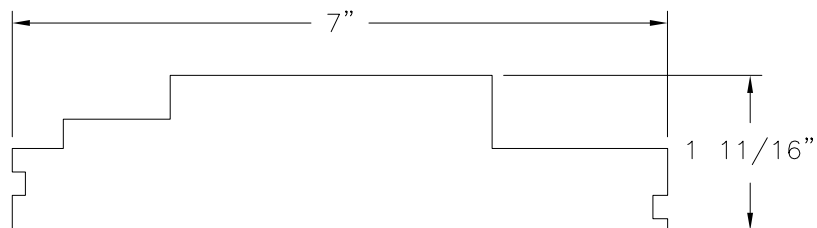


Luis R. Lomas P.E.
FL No.: 62514

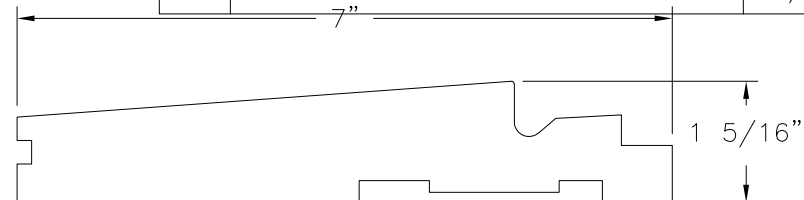
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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B	ADD CLIP INSTALLATION	12/04/18	R.L.



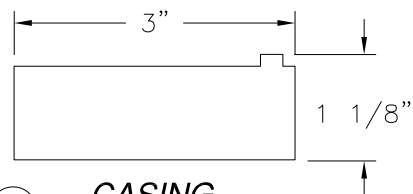
① **JAMB**
MAHOGANY WOOD



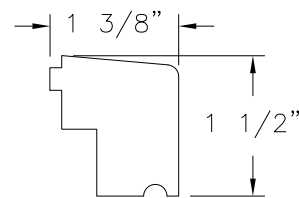
② **HEAD**
MAHOGANY WOOD



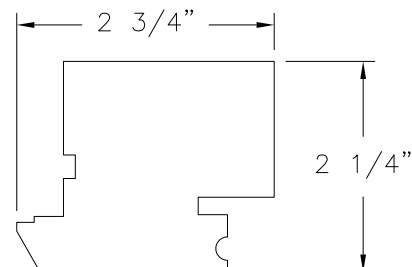
③ **SILL**
MAHOGANY WOOD



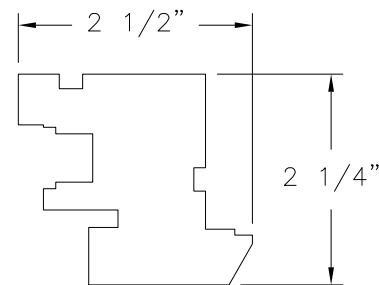
④ **CASING**
MAHOGANY WOOD



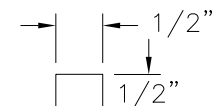
⑤ **NOSING**
MAHOGANY WOOD



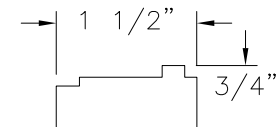
⑥ **STILE (JAMB)**
MAHOGANY WOOD



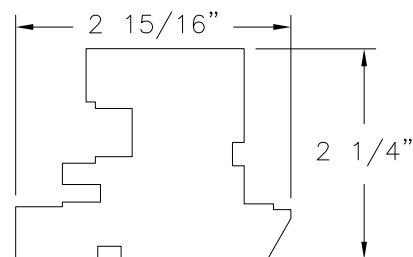
⑦ **MEETING STILE**
MAHOGANY WOOD



⑧ **GLASS STOP**
MAHOGANY WOOD



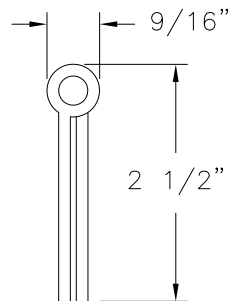
⑨ **EXTERIOR ASTRAGAL**
MAHOGANY WOOD



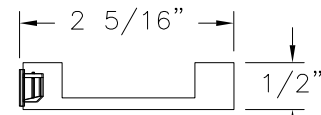
⑩ **STILE (ASTRAGAL)**
MAHOGANY WOOD



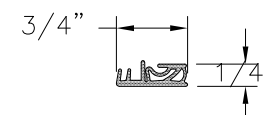
⑪ **INTERIOR ASTRAGAL**
MAHOGANY WOOD



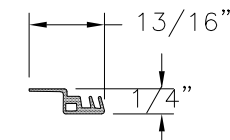
⑫ **BUTT HINGE**
BRASS



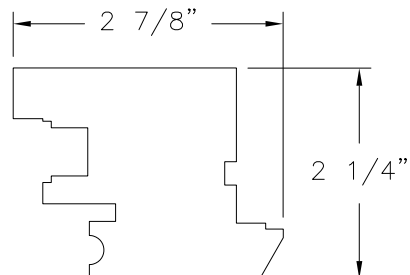
⑬ **EXTRUSION**
ALUMINUM 6063-T5 .1250" THICK



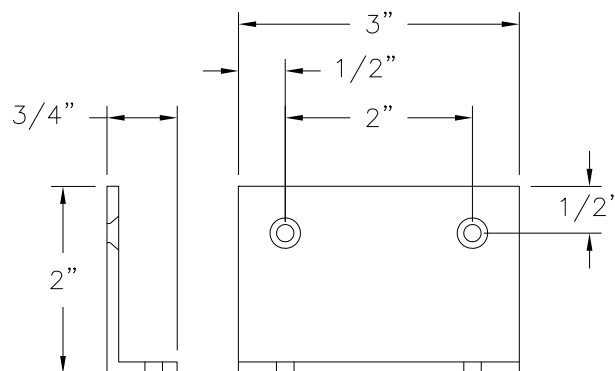
⑭ **WEATHERSTRIP**
EPDM .75" DUROMETER



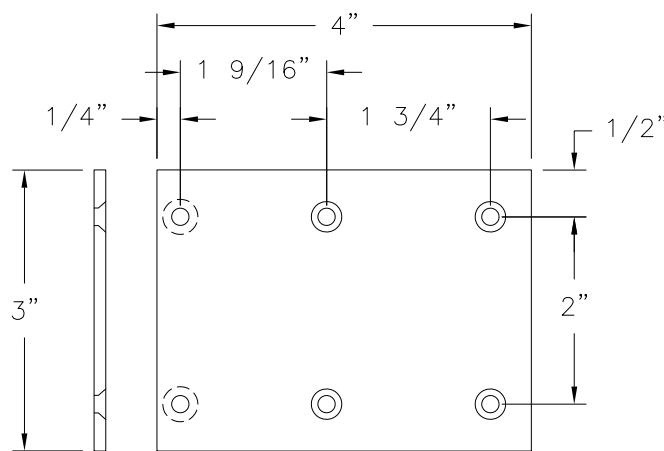
⑮ **WEATHER SEAL**
EPDM .75" DUROMETER



⑯ **FRAME**
MAHOGANY WOOD



⑰ **INSTALLATION ANGLE**
ALUMINUM 6063-T5 .125 " THICK



⑱ **INSTALLATION BRACKET**
ALUMINUM 6063-T5 .125 " THICK

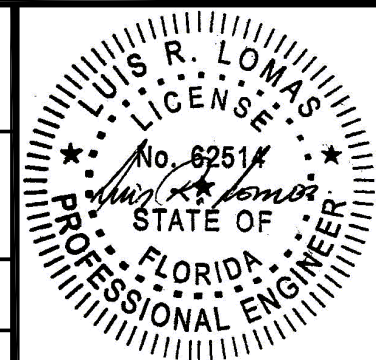
SIGNED: 02/11/2026

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

RWD WOOD INSWING CASEMENT
IMPACT - HVHZ
COMPONENTS

DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 15 OF 16

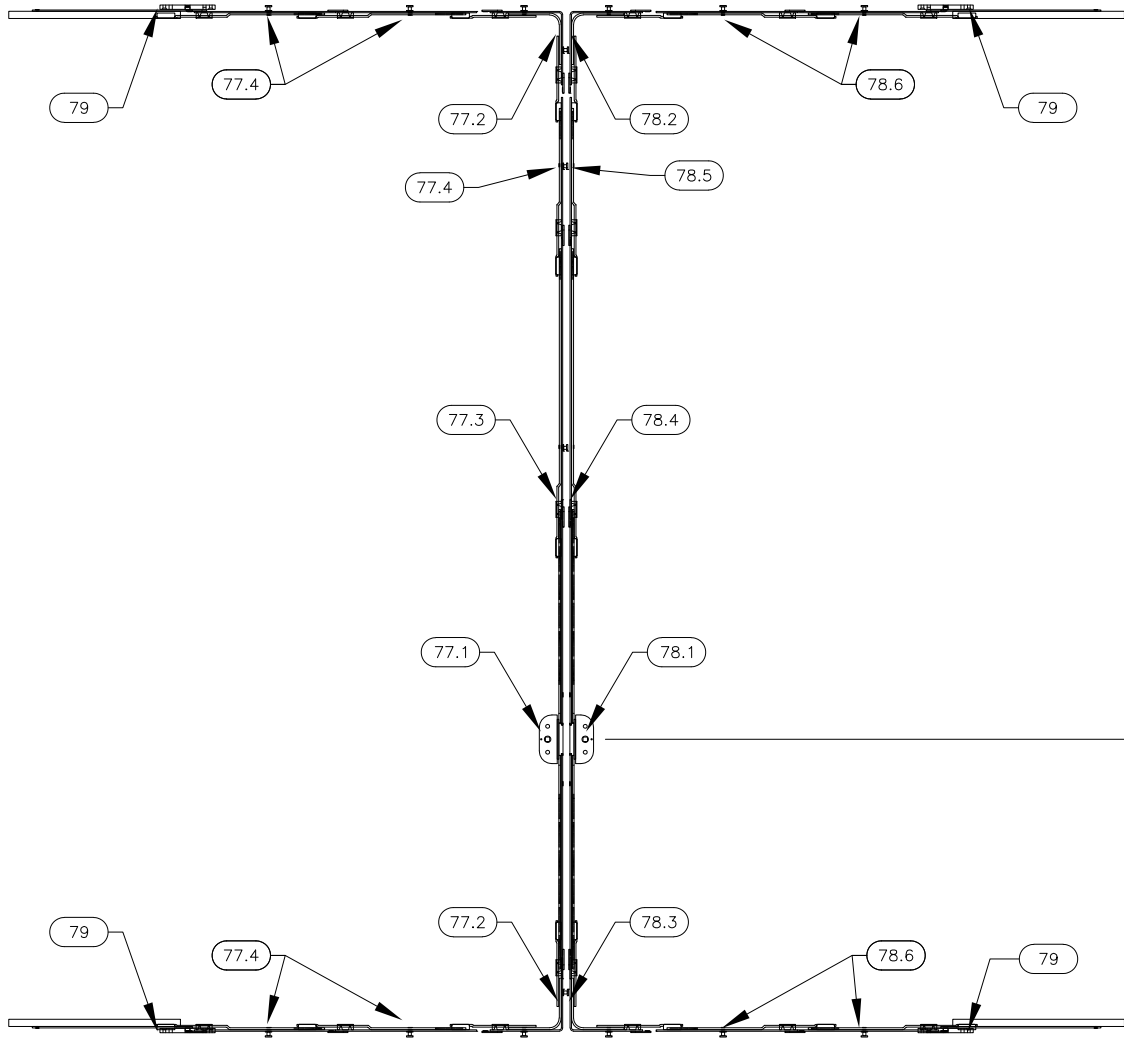
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@lrlomaspe.com



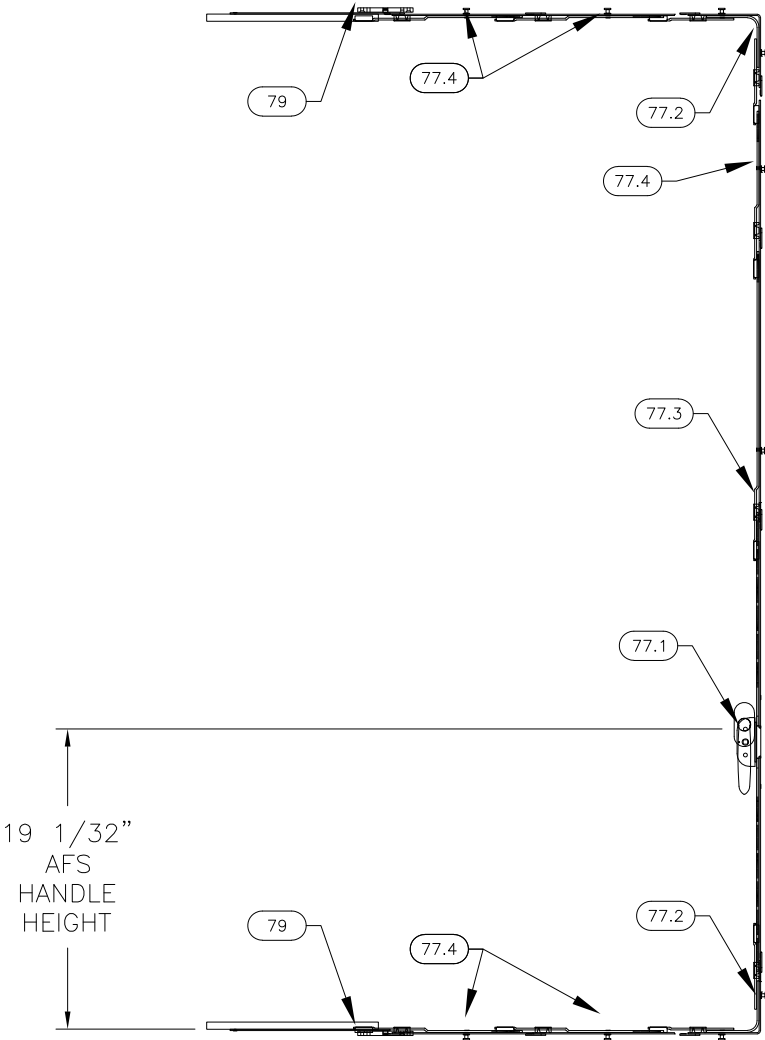
Luis R. Lomas P.E.
FL No.: 62514

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

REVISIONS			
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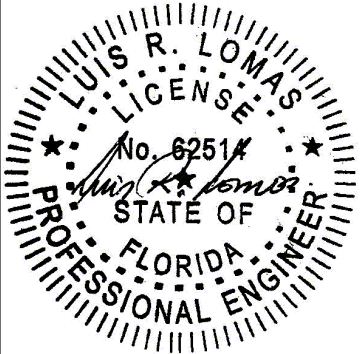
DOUBLE CASEMENT
HARDWARE LAYOUT



SINGLE CASEMENT
HARDWARE LAYOUT

REILLY WINDOW & DOORS 901 BURMAN BLVD., BLDG 701 CALVERTON, NY 11933		
RWD WOOD INSWING CASEMENT IMPACT – HVHZ HARDWARE		
DRAWN: A.P.	DWG NO. 08-02429B	REV B
SCALE NTS	DATE 01/21/13	SHEET 16 OF 16
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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