REVISIONS							
REV	DESCRIPTION	DATE	APPROVED				
I	ADDED FIR TRIM TO APPROVED TRIMS	08/30/2021	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. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. 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.
- 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5. FRAME MATERIAL: WOOD WITH G=.46 MINIMUM SPECIFIC GRAVITY, OR COMPOSITE, OR FRAMESAVER, OR FUSION FRAME.

 DOOR SKIN MATERIAL: STEEL .033" THICK (MINIMUM) AND FIBERGLASS .085" THICK(MINIMUM).
- 6. SIDELITES MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.

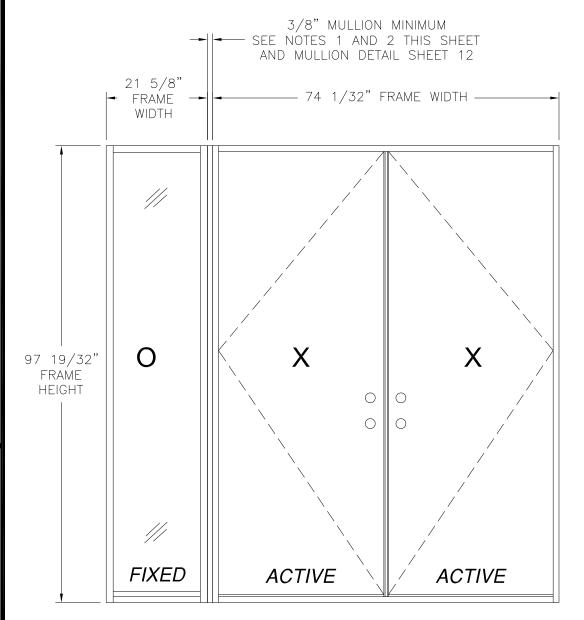
SIDELITE SKIN MATERIAL: STEEL .022" THICK (MINIMUM)

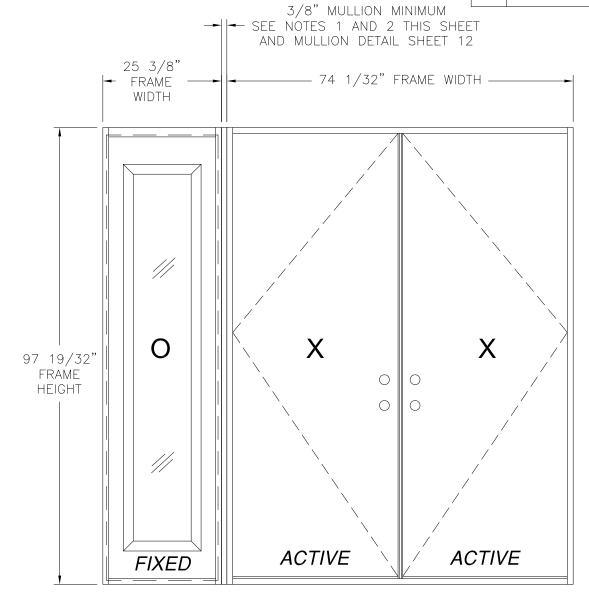
- 7. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11. 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.

- 12. ALL FASTENERS TO BE CORROSION RESISTANT.
- 13. 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 3,192 PSI.
 - C. MASONRY GROUT FILLED STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM
- 14. DOOR CONSTRUCTION MAYBE CONTINUOUS HEAD FRAME AND CONTINUOUS THRESHOLD OR BOX CONSTRUCTION.

		PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681					IN ICENSE		
	TABLE OF CONTENTS	STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/SIDELITES NON-IMPACT NOTES					No. 6251# *		
SHEET NO.	DESCRIPTION								
1	NOTES	DRAWN:		DWG NO.			TORIDA . AS		
2 - 3	ELEVATIONS	N.G.		08	8-02085		SONAL ENGLIS		
4	ANCHORING LAYOUTS	SCALE NTS	DATE 06	6/20/13	SHEET 1 OF 15		Milling		
5 - 12	INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com			Luis R. Lomas P.E.				
13 – 15	COMPONENTS				FL No.: 62514				

REVISIONS DESCRIPTION APPROVED ADDED FIR TRIM TO APPROVED TRIMS 08/30/2021 R.L.





DOUBLE W/ DIRECT SET SIDELITE EXTERIOR VIEW OXX SHOWN XXO ALSO APPROVED

DOUBLE WITH STANDARD SIDELITE EXTERIOR VIEW OXX SHOWN XXO ALSO APPROVED

DESIGN PRESSURE RATING	IMPACT RATING			
±55.0PSF	NONE			
THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED				

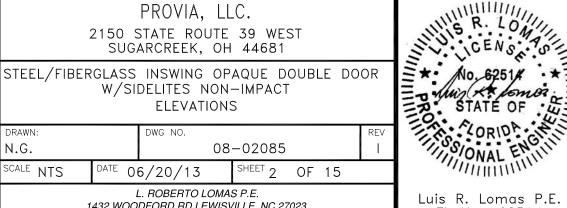
35 3/4" x 94 15/16" PANEL SIZE SHOWN. OTHER SIZES ARE APPROVED AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.56 FT²

D.L.O. NOTES:

- 1. STD. SIDELITE D.L.O.: 12 3/8" X 78 3/8"
- 2. DIRECT SET SIDELITE D.L.O.: 18 5/8" X 93 3/4"

NOTES:

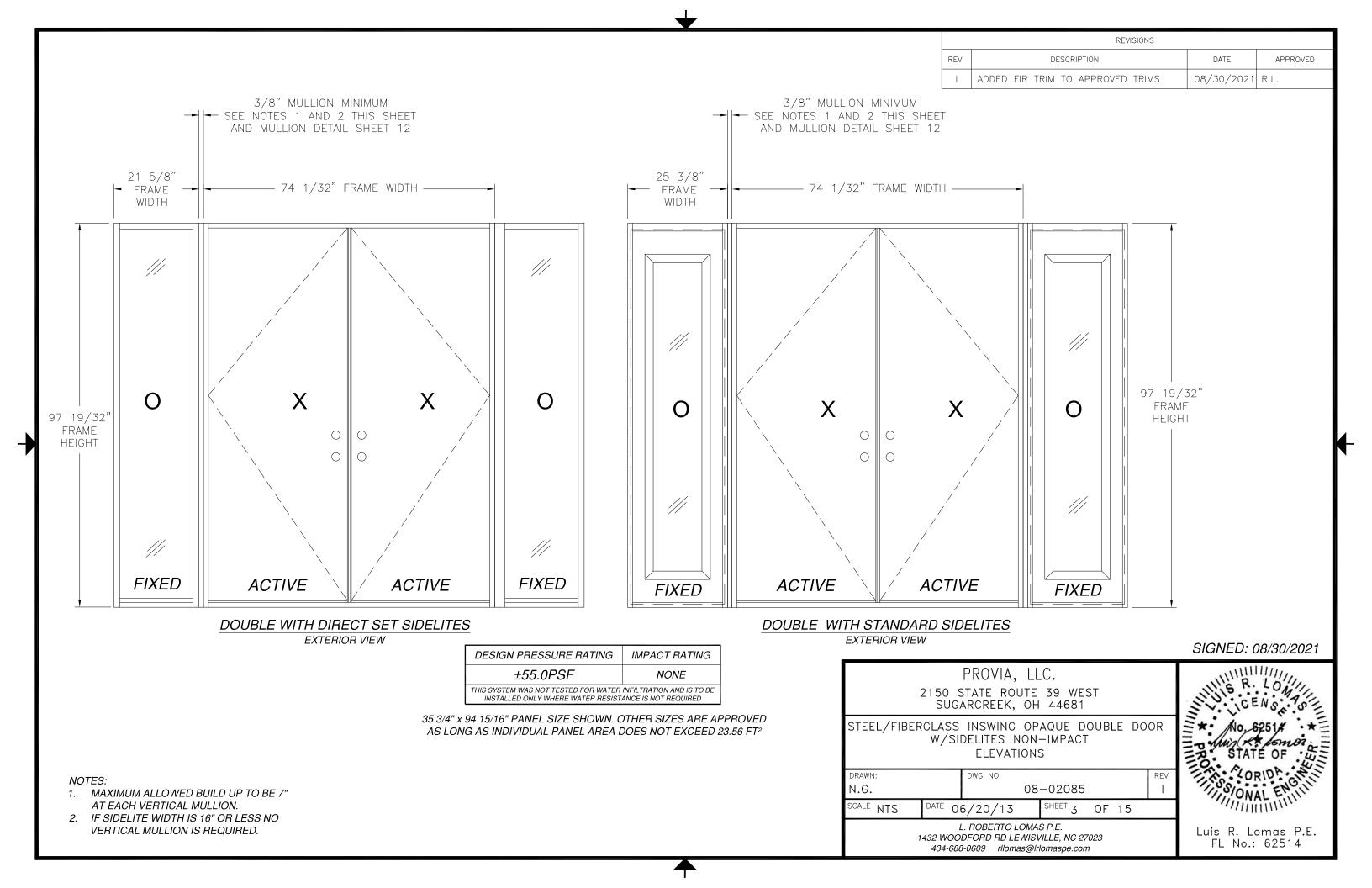
- MAXIMUM ALLOWED BUILD UP TO BE 7" AT EACH VERTICAL MULLION.
- 2. IF SIDELITE WIDTH IS 16" OR LESS NO VERTICAL MULLION IS REQUIRED.

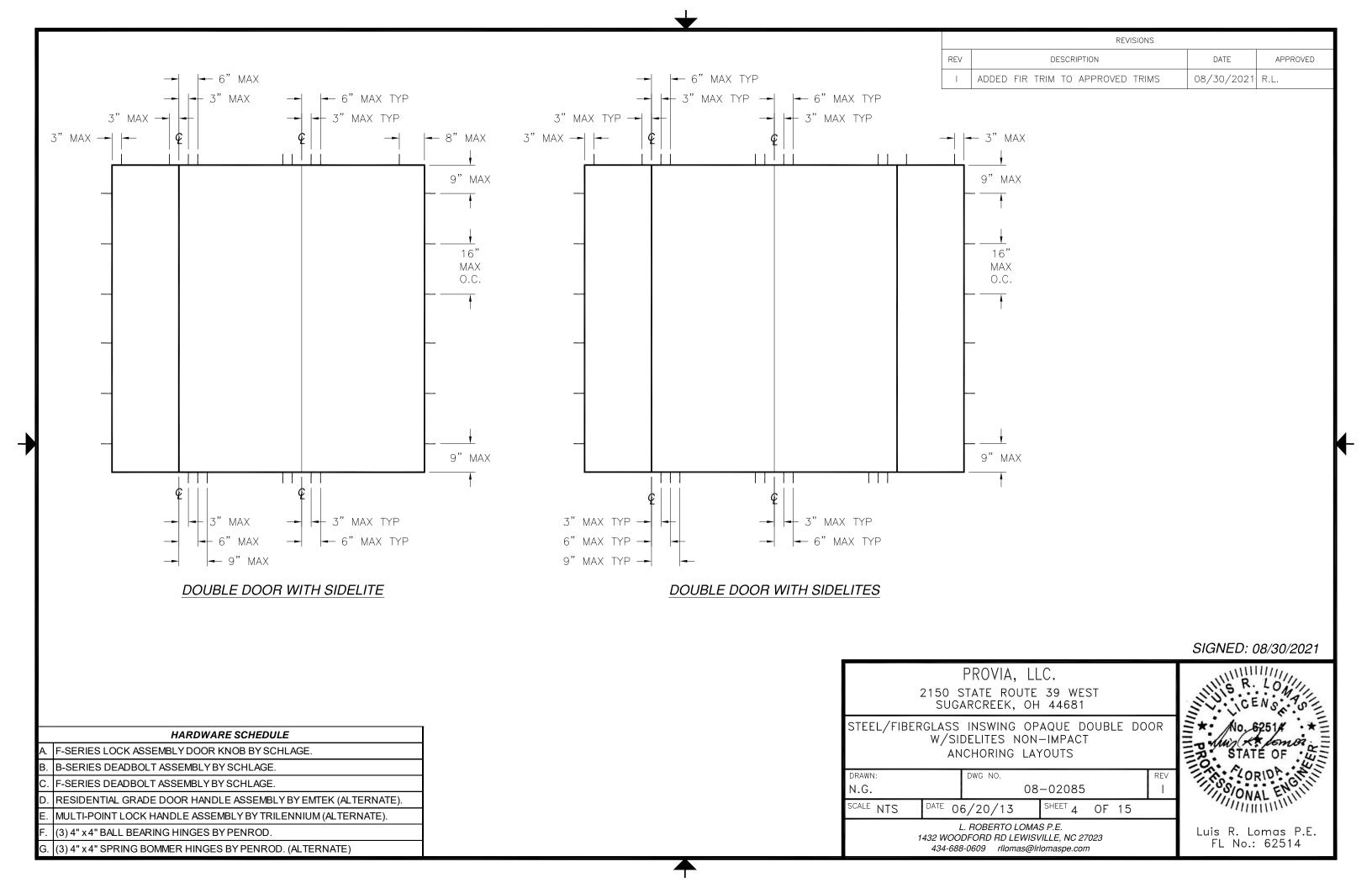


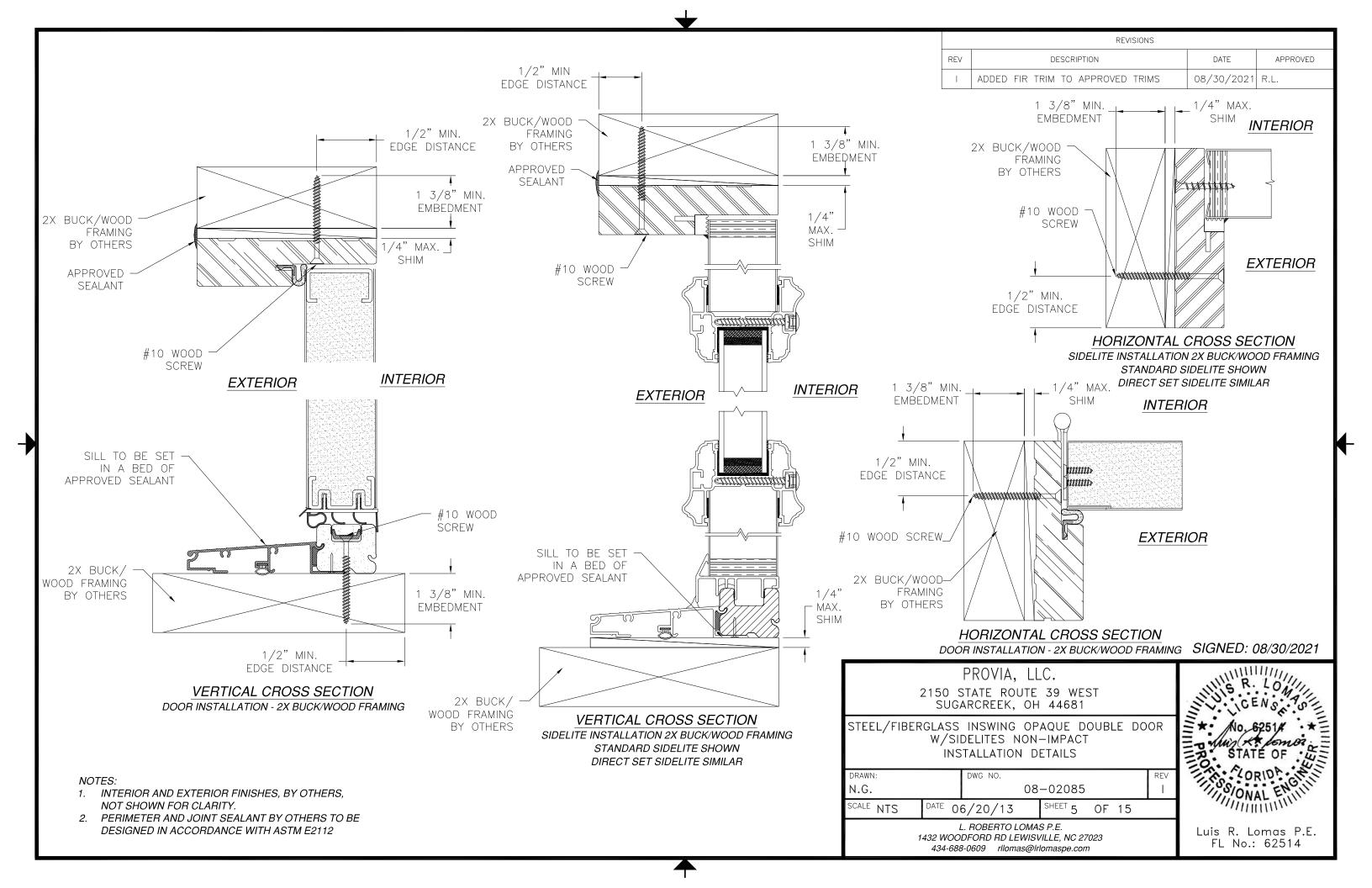
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com

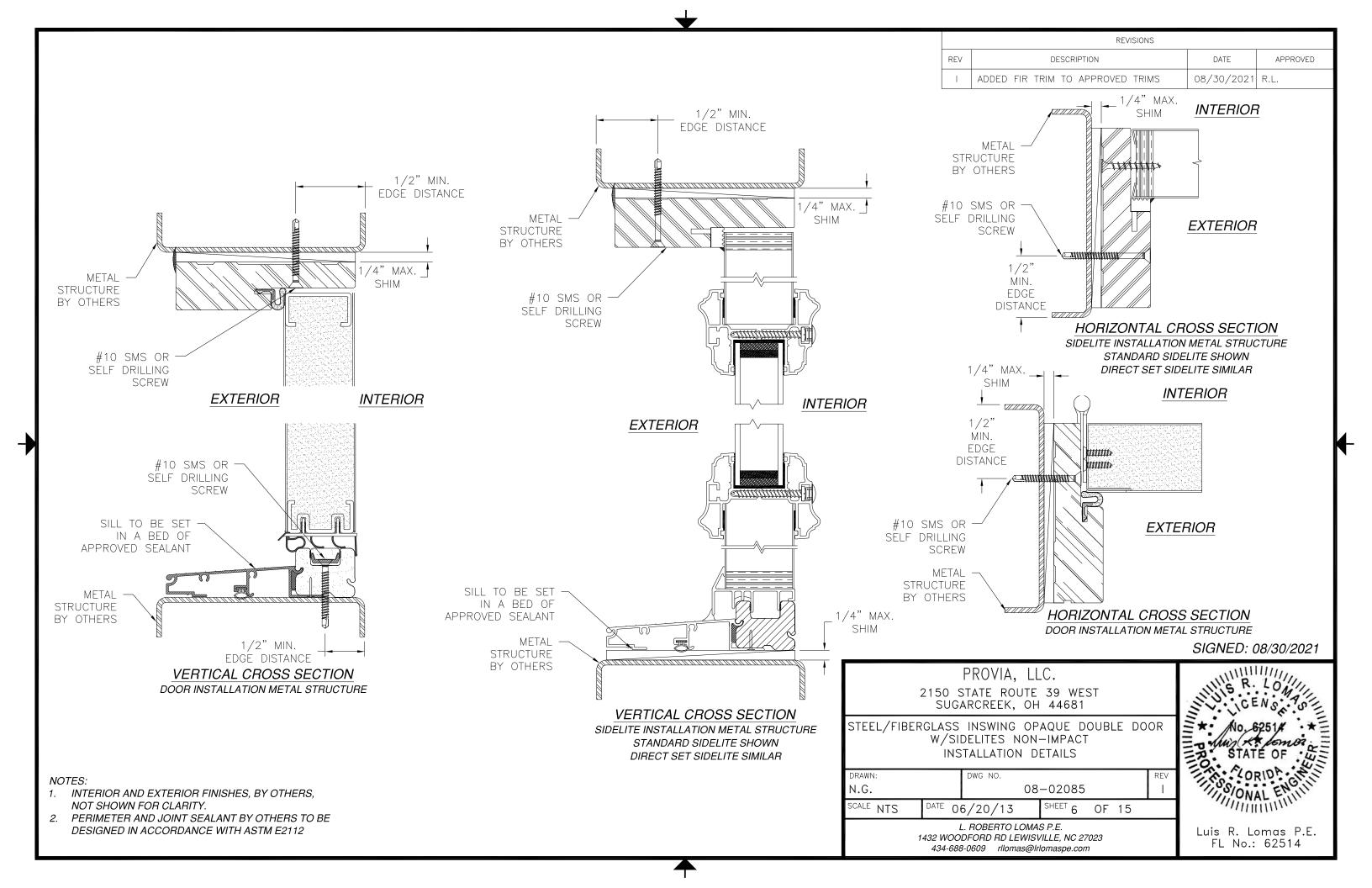
Luis R. Lomas P.E. FL No.: 62514

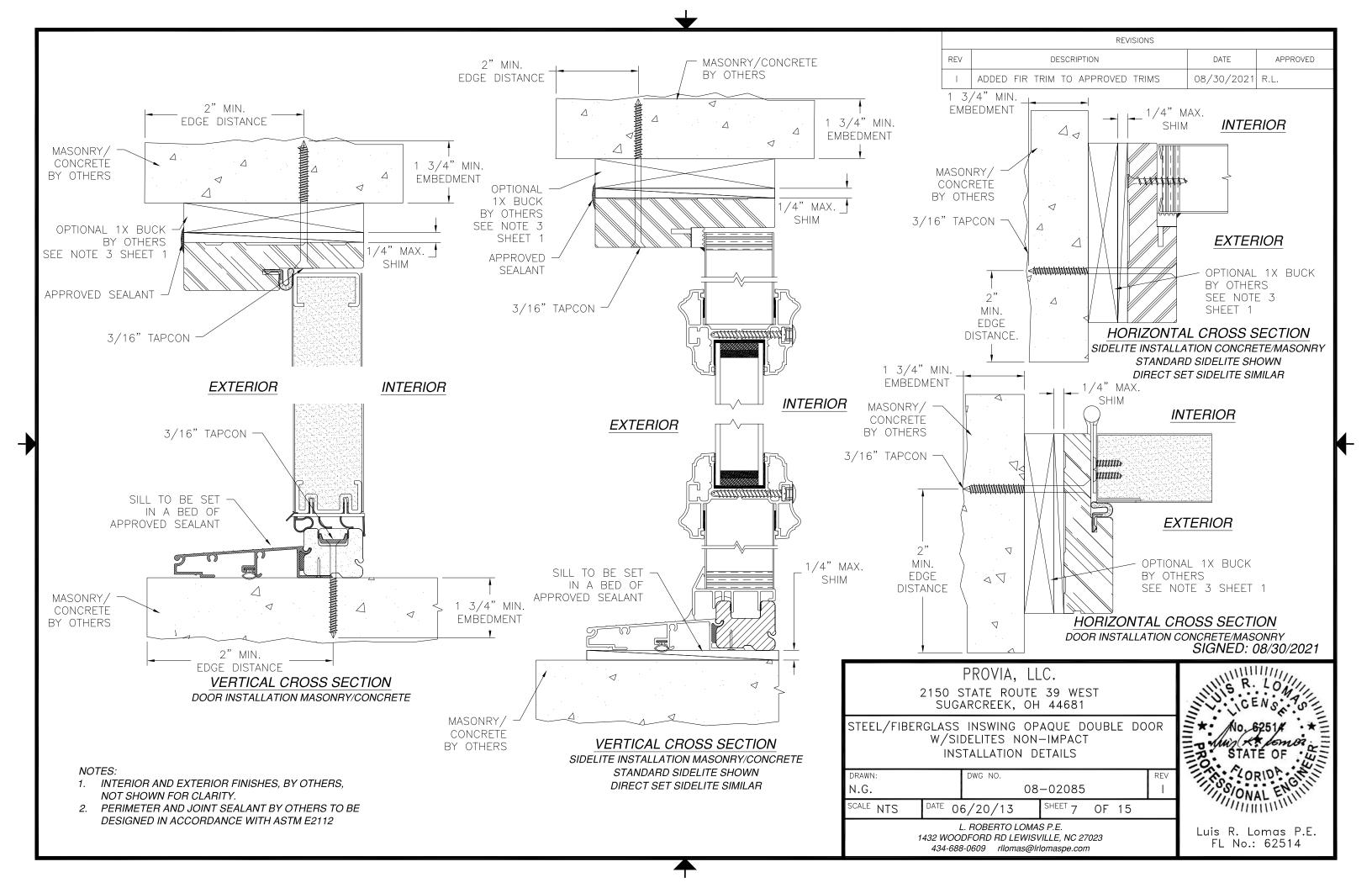


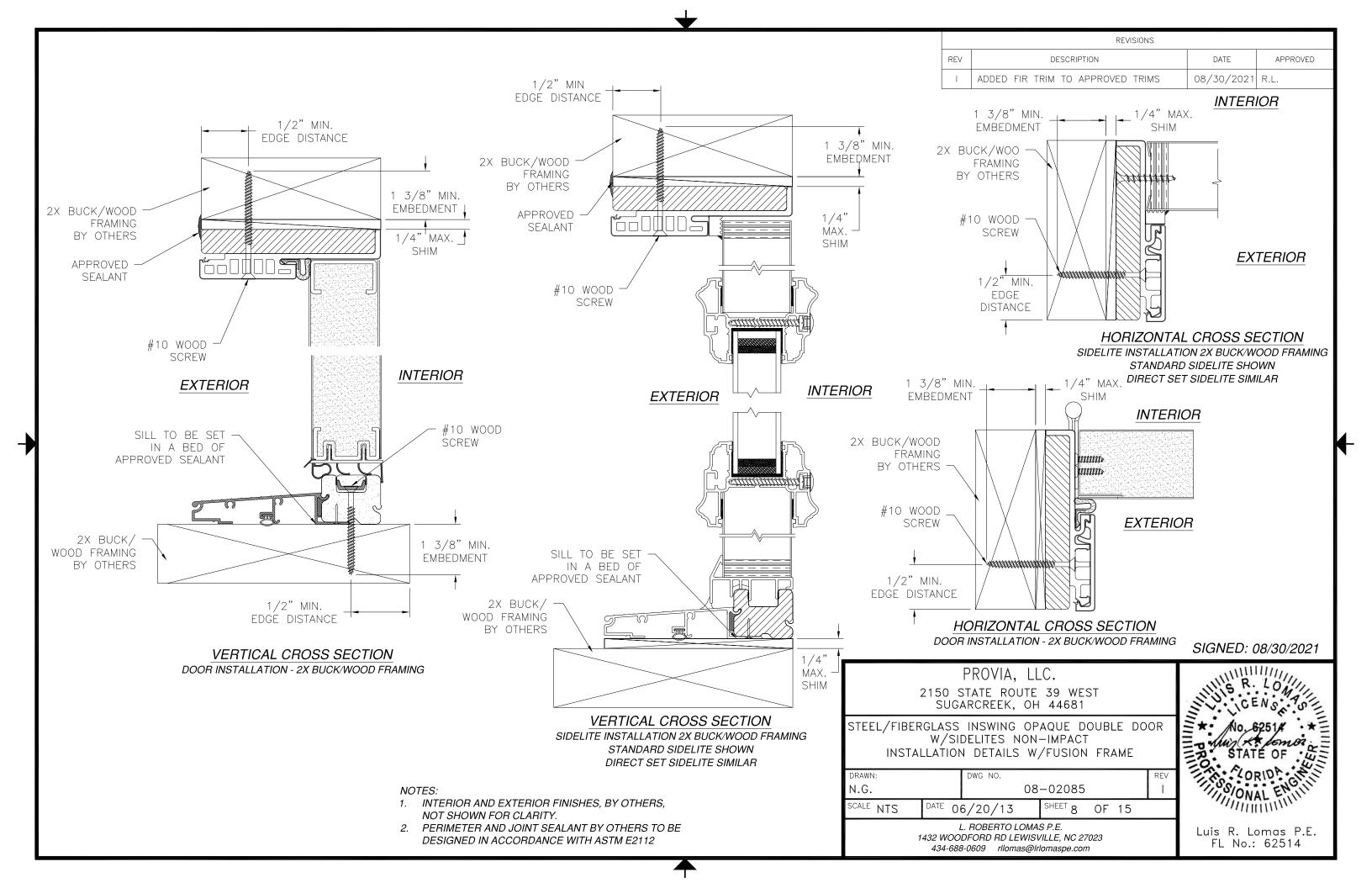


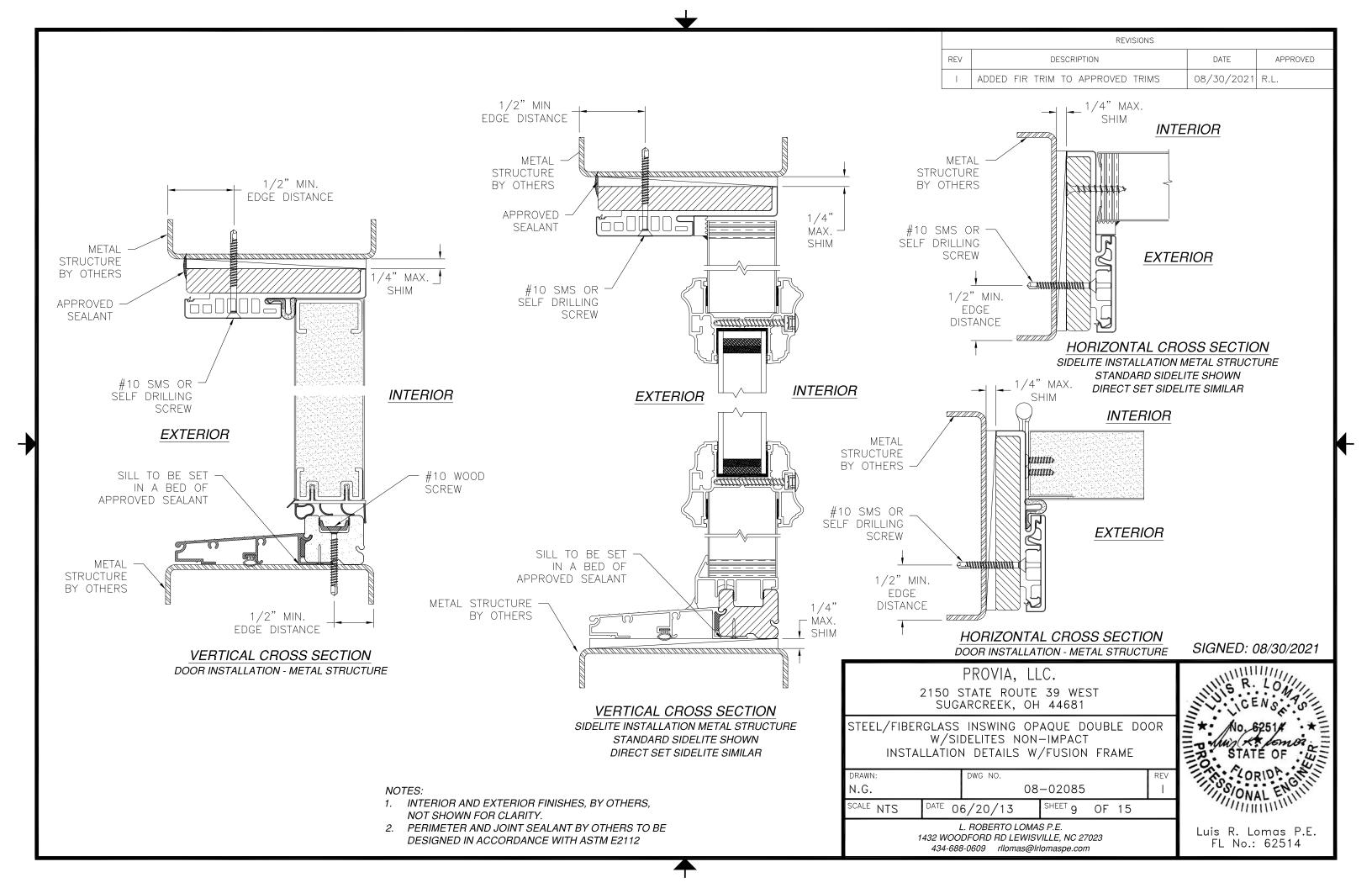


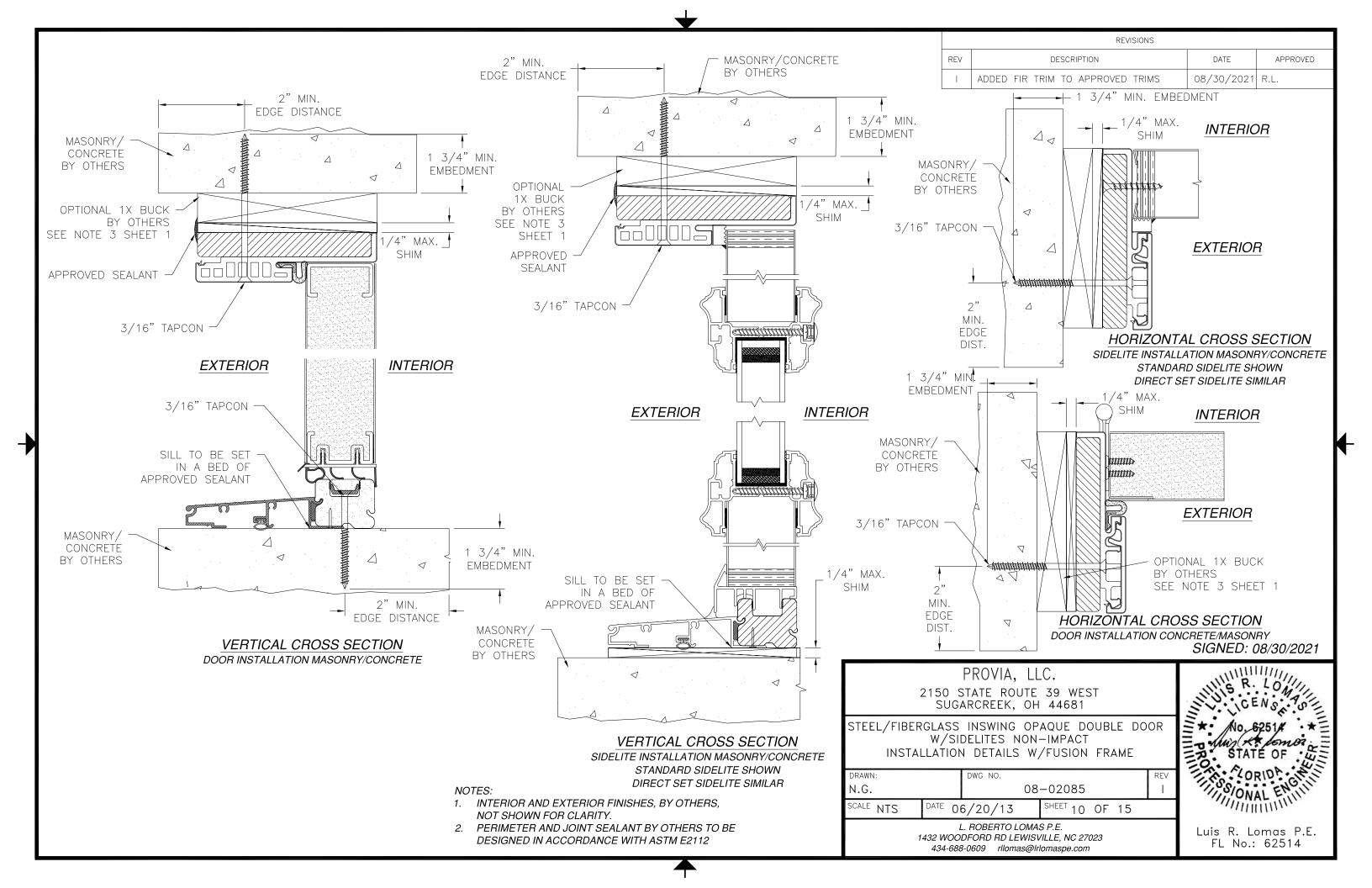


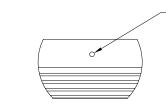












ASTRAGAL BOLT HOLE MUST BE DRILLED THROUGH SILL AND INTO SUBSTRATE DEEP ENOUGH TO ACHIEVE 1 3/8" THROW

ASTRAGAL SILL DETAIL

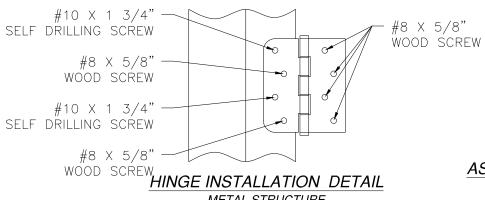


#8 X 5/8" WOOD SCREW

 $#10 \times 2 1/2$ " WOOD SCREW OR #10x1 1/2" SELF ÖRILLING SCREW

ASTRAGAL HEAD STRIKE DETAIL

2X BUCK/WOOD FRAMING OR METAL STRUCTURE



HINGE INSTALLATION DETAIL

MASONRY/CONCRETE

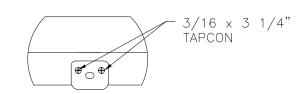
3/16' X 3 1/4" —

TAPCON

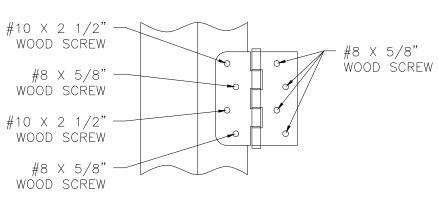
#8 X 5/8" -WOOD SCREW

#8 X 5/8" -WOOD SCREW

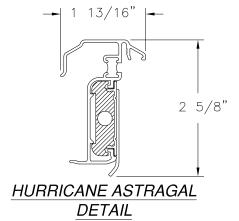
3/16' X 3 1/4"



ASTRAGAL HEAD STRIKE DETAIL MASONRY/CONCRETE



METAL STRUCTURE



HINGE INSTALLATION DETAIL 2X BUCK/WOOD FRAMING

SIGNED: 08/30/2021

APPROVED

DATE

08/30/2021 R.L.

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STEEL/FIBER	GLASS W/SI CO	* fu	No. 62514 CALLON STATE OF	FER W					
DRAWN:		DWG NO.			REV	1.60	CORIDA	12/	
N.G.		08-02085 I			1///3	ONAL EN	111		
SCALE NTS	DATE 0	6/20/13	SHEET 11 OF 15			William Co.			
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com							R. Lomas No.: 6251		

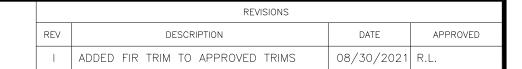
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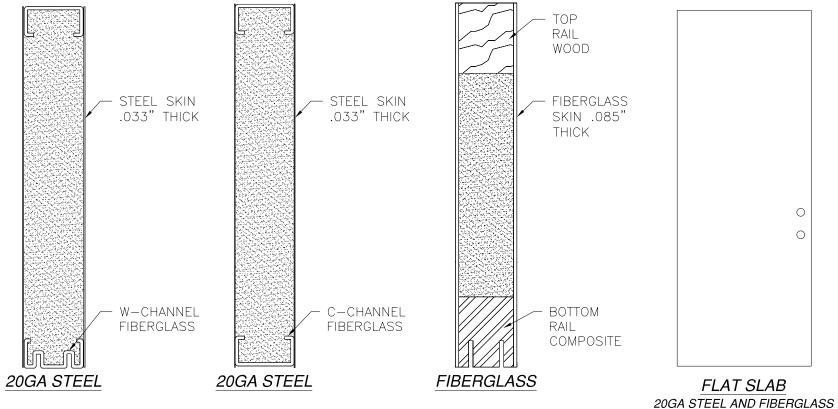
DESCRIPTION

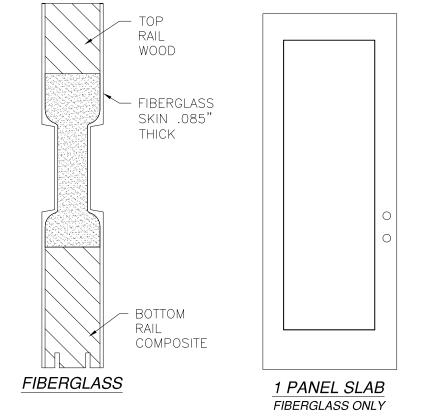
ADDED FIR TRIM TO APPROVED TRIMS

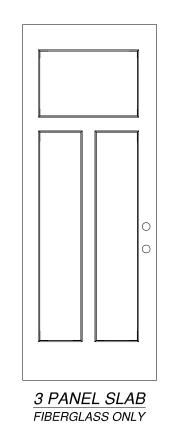
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APPROVED DOOR SLABS AND CROSS SECTIONS TOP RAIL WOOD

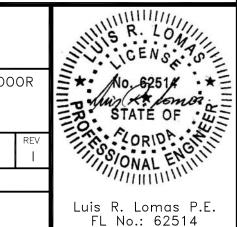


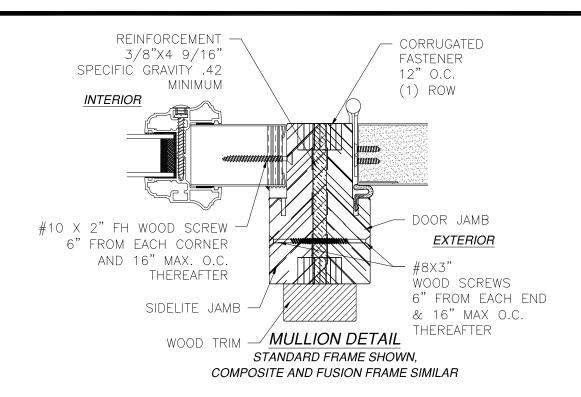


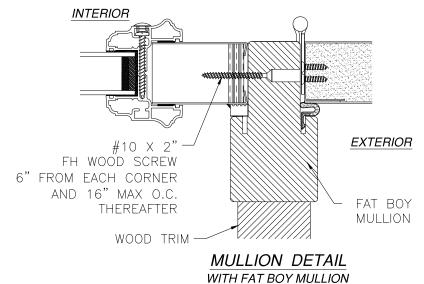


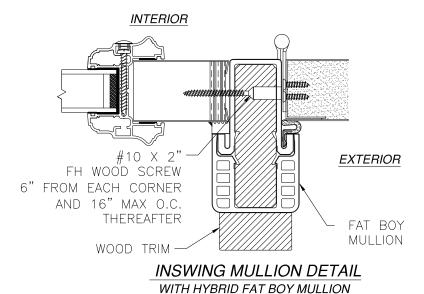


PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681 STEEL/FIBERGLASS INSWING OPAQUE DOUBLE DOOR W/SIDELITES NON-IMPACT SLAB OPTIONS DRAWN: DWG NO. N.G. 08-02085 SCALE NTS DATE 06/20/13 SHEET 12 OF 15 L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com









 REVISIONS

 REV
 DESCRIPTION
 DATE
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 R.L.

