	REVISIONS									
REV	DESCRIPTION	DATE	APPROVED							
I	ADDED GLAZED FIR TRIMS	08/30/2021	R.L.							

NOTES:

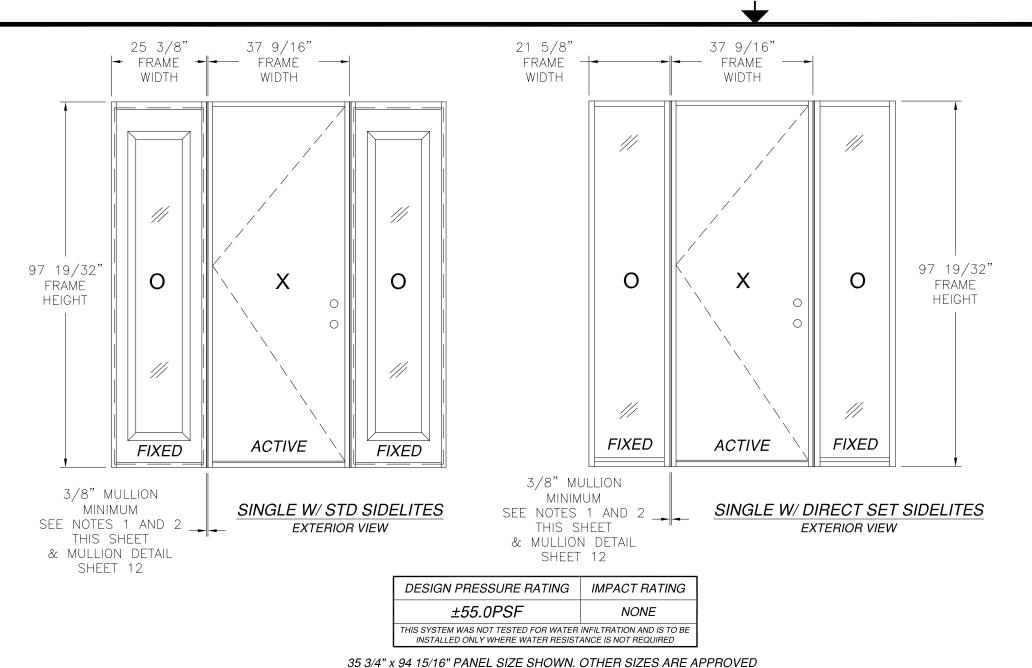
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2. WOOD FRAMING, METAL STRUCTURE AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE 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). SIDELITE SKIN MATERIAL: STEEL .022" THICK (MINIMUM)
- 6. SIDELITES MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
- 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 FILLEDSTRENGTH 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.

SIGNED: 08/30/2021

					WILLIAM.		
	PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681					ILLUS R. LONS	
	TABLE OF CONTENTS	STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/SIDELITES NON-IMPACT					E ★ No. 6251# .*
SHEET NO.	NOTES				STATE OF		
1	NOTES	DRAWN:		DWG NO.		REV	TO PORIDA .
2	ELEVATIONS AND APPROVED CONFIGURATIONS	J.L.	08		8-02082		MONAL ENGLIS
3	ANCHORING LAYOUTS	SCALE NTS	DATE 06	5/20/13	SHEET 1 OF 13		William Control
4 - 9	INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023					Luis R. Lomas P.E.
10 – 13	APPROVED SLABS, MULLION DETAILS AND COMPONENTS	434-688-0609 rllomas@lrlomaspe.com				FL No.: 62514	

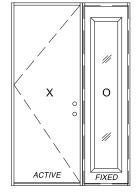


AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 23.56 FT2

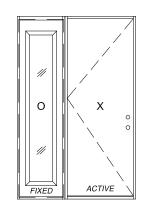
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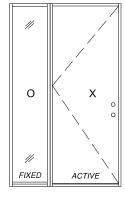
I ADDED GLAZED FIR TRIMS 08/30/2021 R.L.



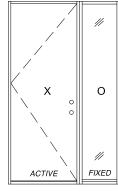
SINGLE W/ STD SIDELITE
EXTERIOR VIEW



SINGLE W/ STD SIDELITE
EXTERIOR VIEW



SINGLE W/ DIRECT SET
SIDELITE
EXTERIOR VIEW



SINGLE W/ DIRECT SET
SIDELITE
EXTERIOR VIEW

SIGNED: 08/30/2021

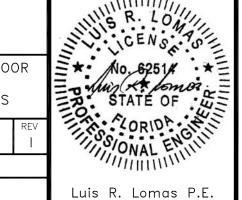
NOTES:

- 1. MAXIMUM VERTICAL MULLION BUILD UP 7". IF SIDELITE WIDTH IS 16" OR LESS NO VERTICAL MULLION IS REQUIRED
- 2. STD SIDELITE D.L.O.: 12 3/8" X 78 3/8"
- 3. DIRECT SET SIDELITE D.L.O.: 18 5/8" X 93 3/4"

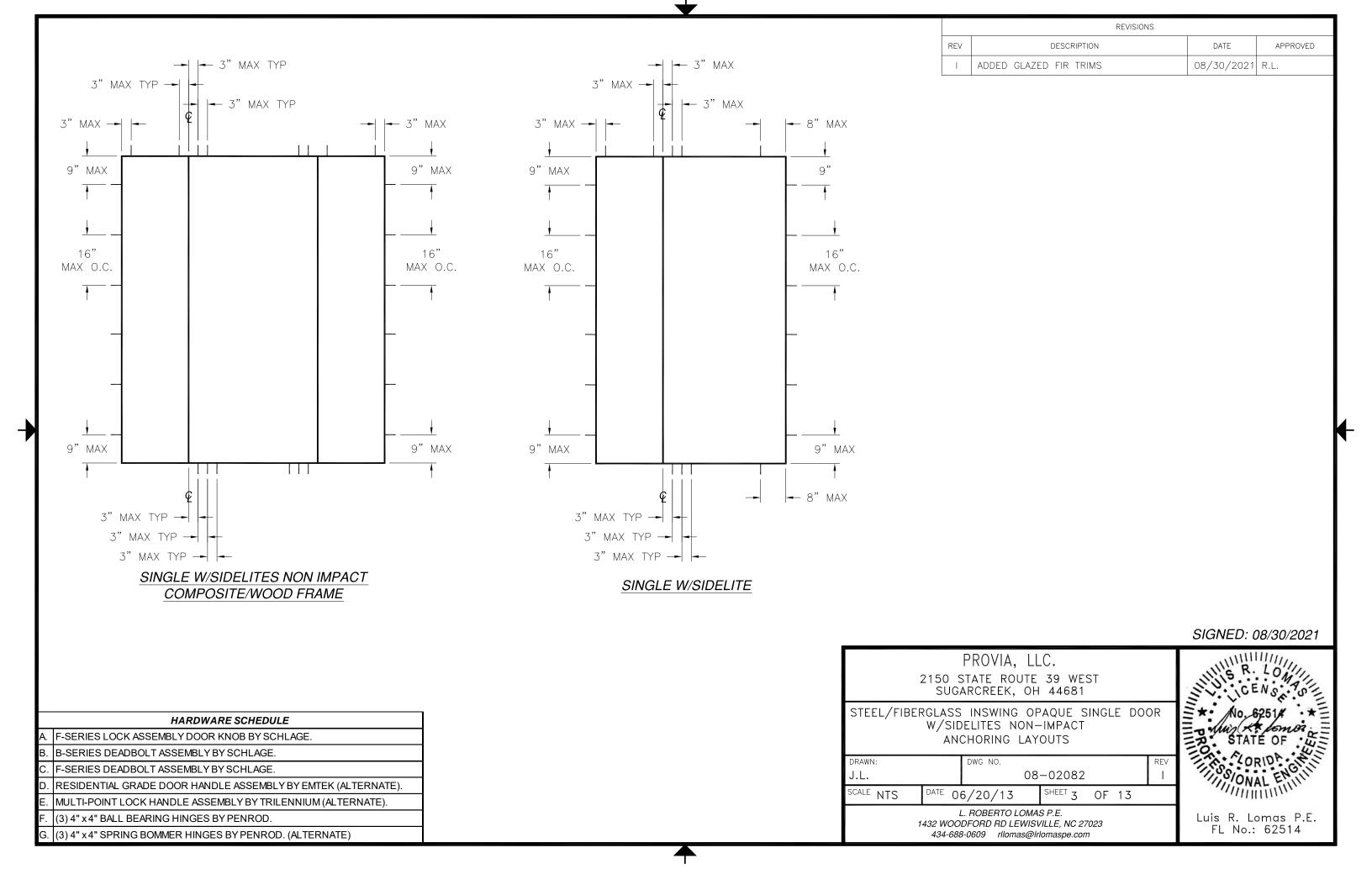
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681

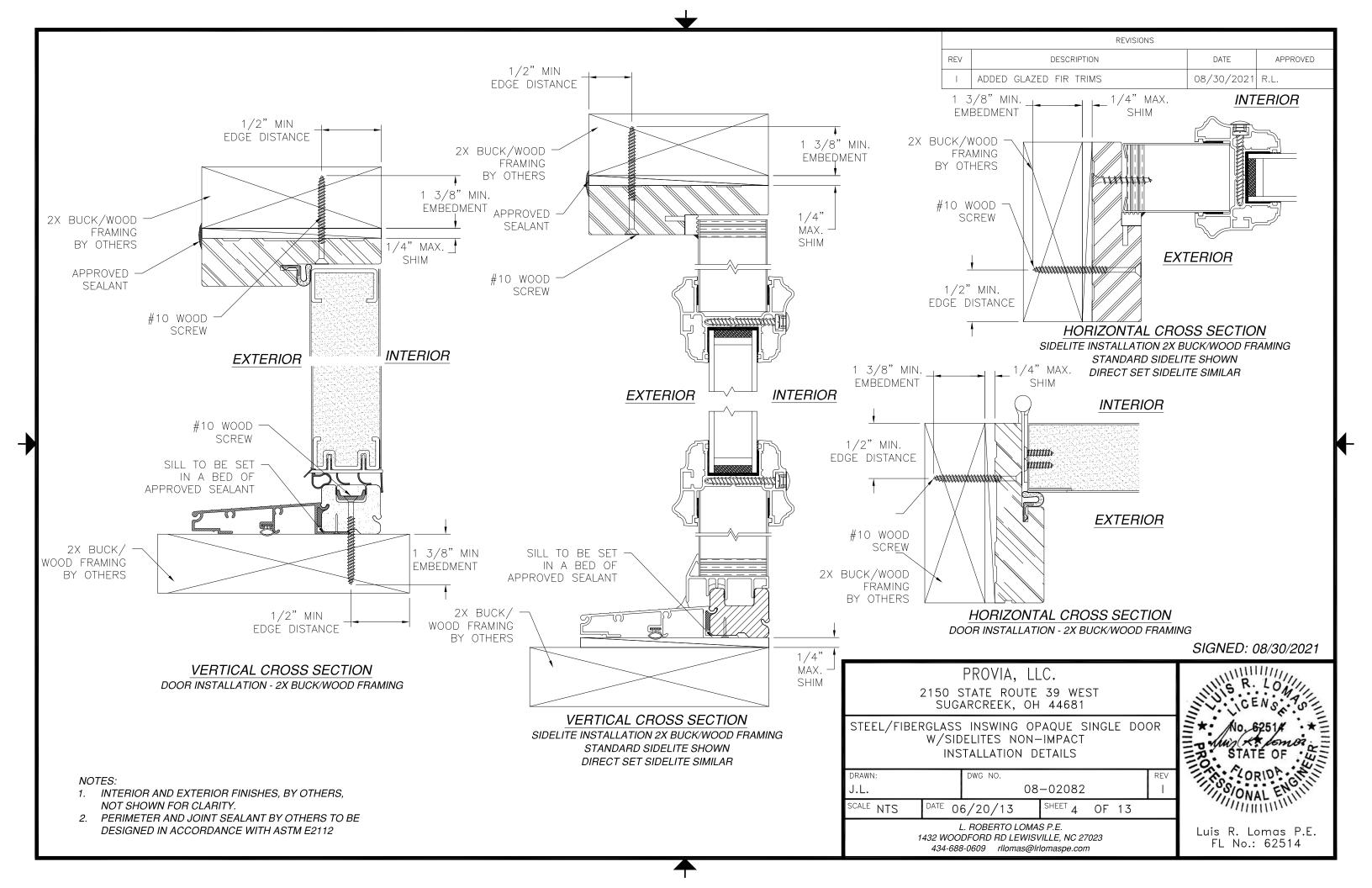
STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR
W/SIDELITES NON-IMPACT
ELEVATION AND APPROVED CONFIGURATIONS

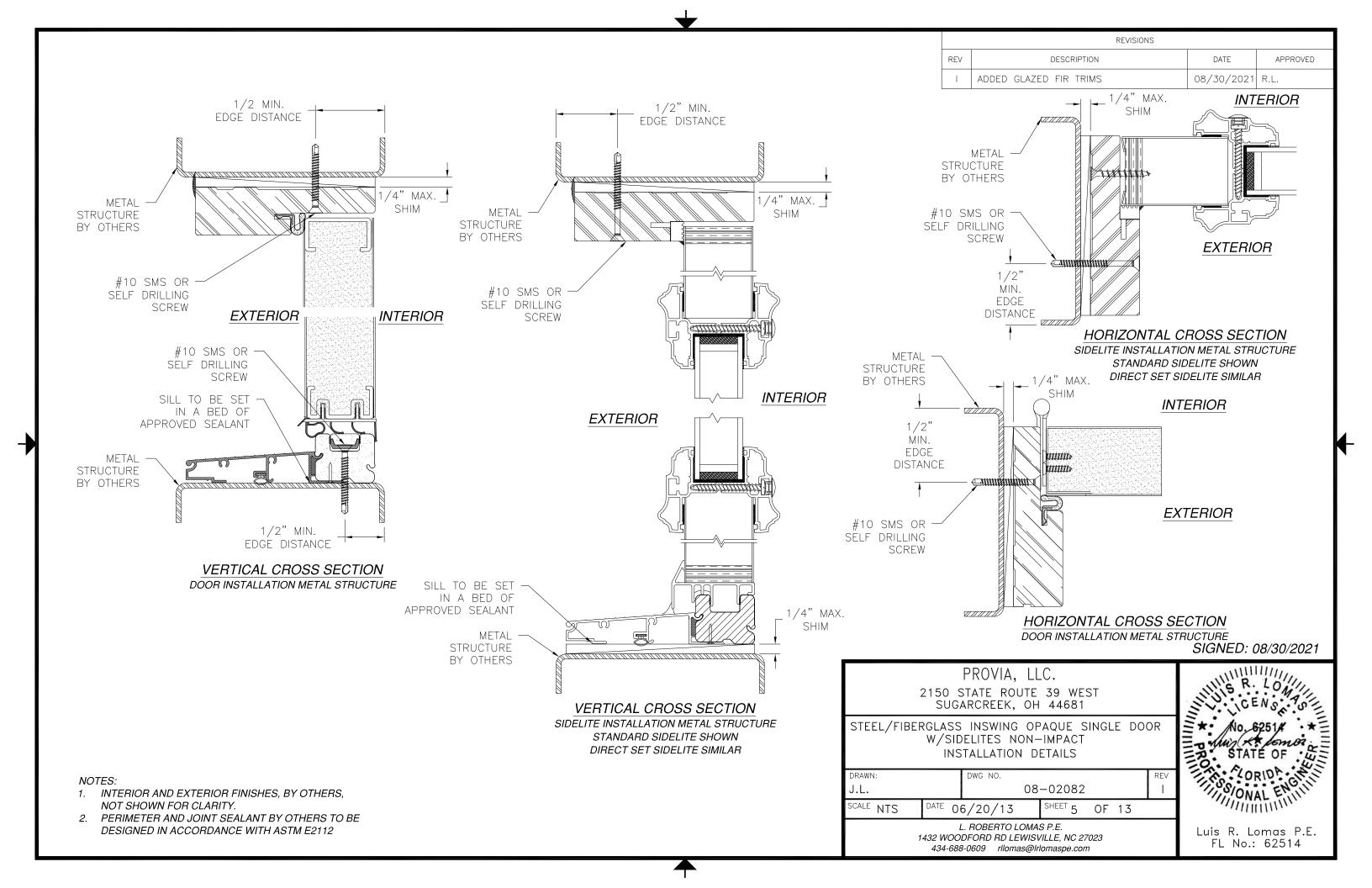
> L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com

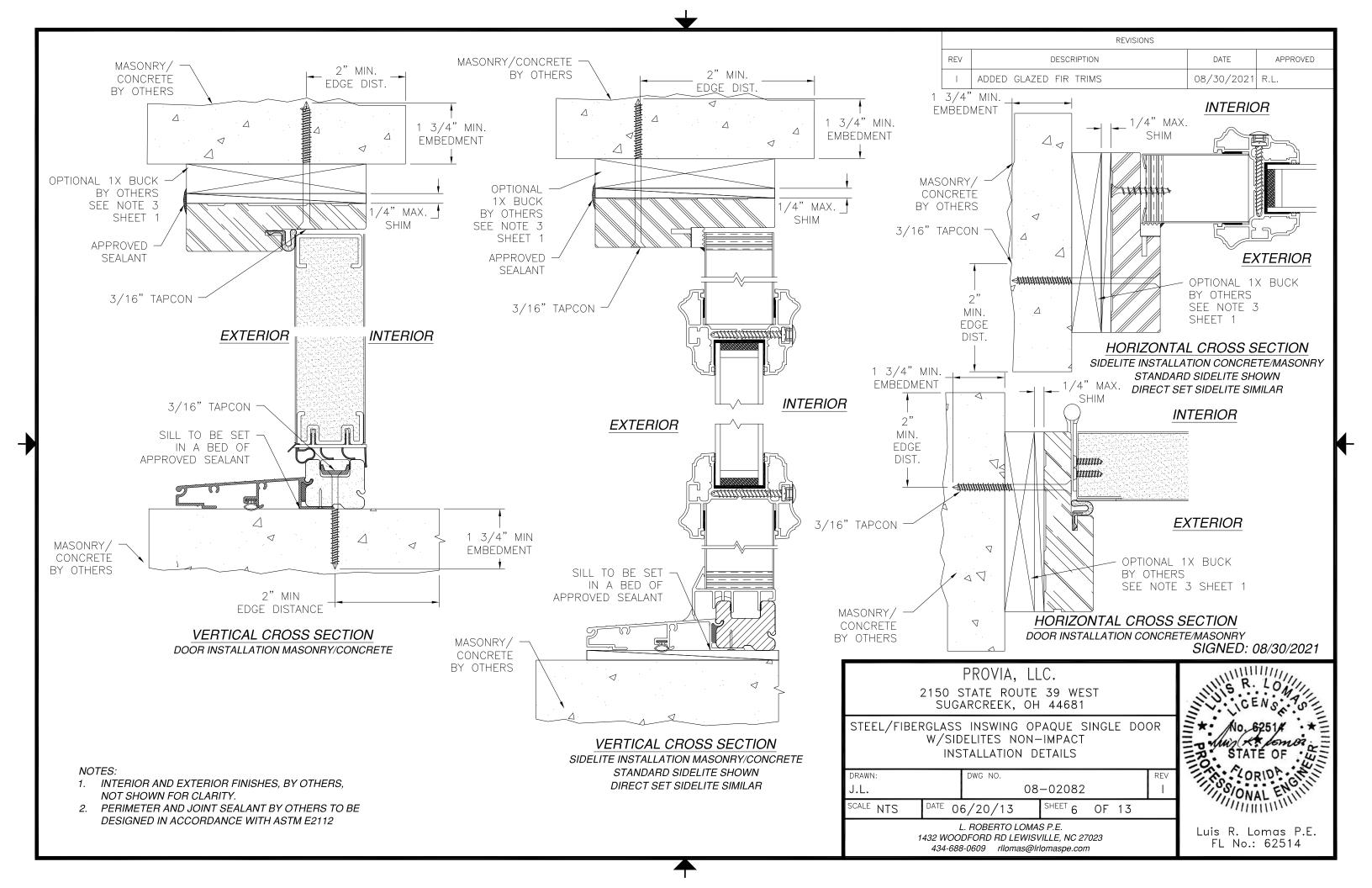


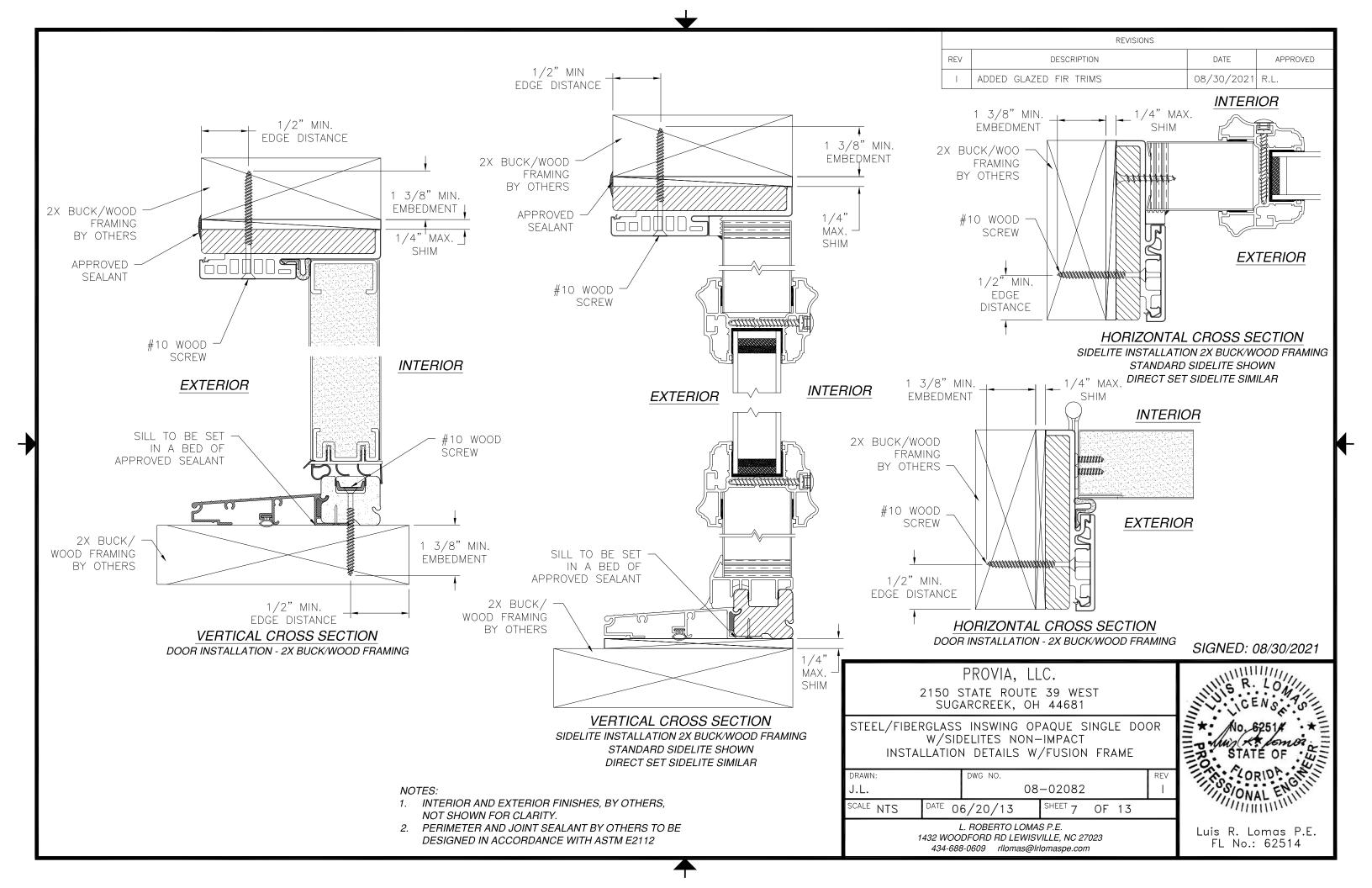
Luis R. Lomas P.E. FL No.: 62514

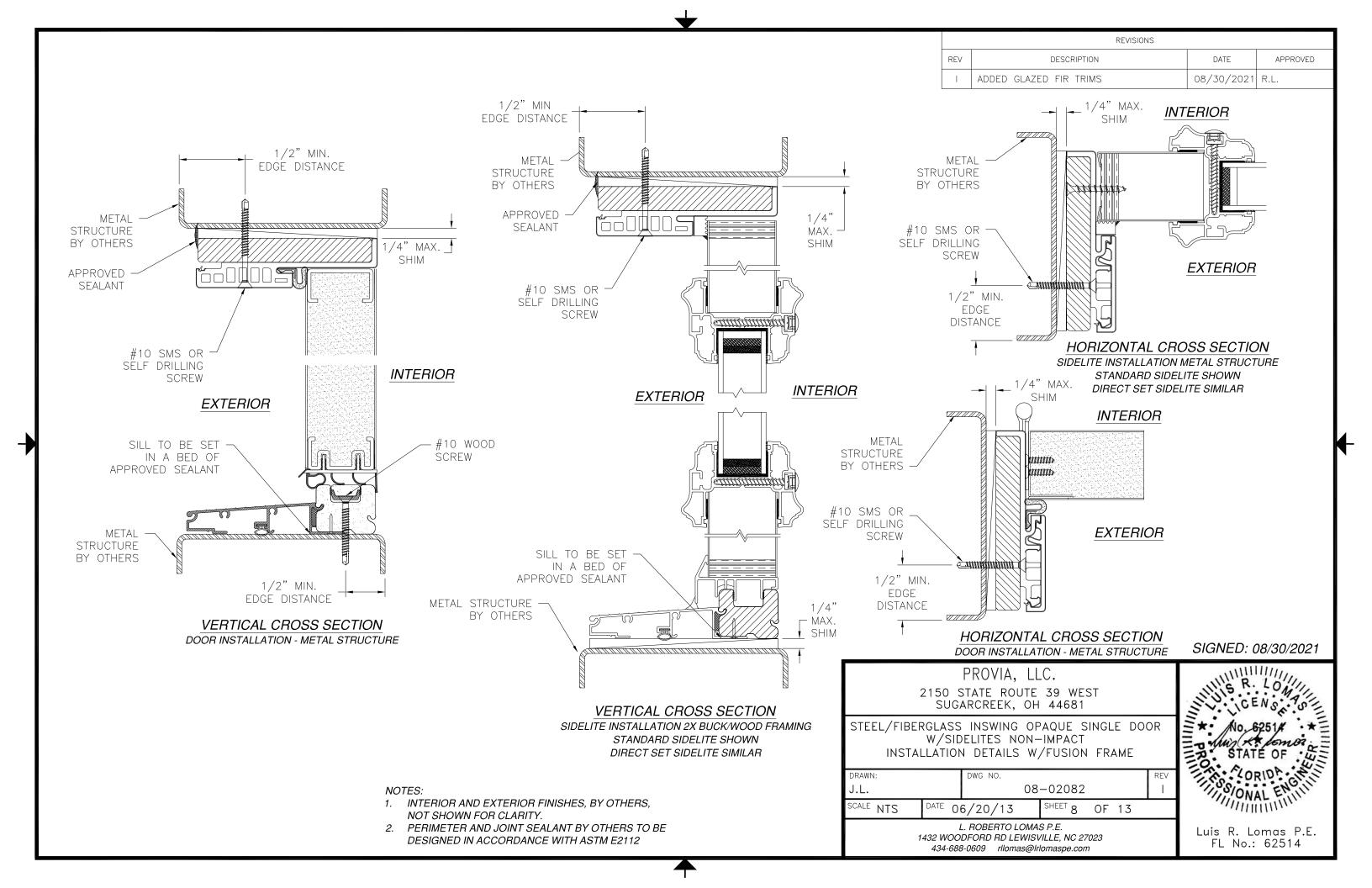


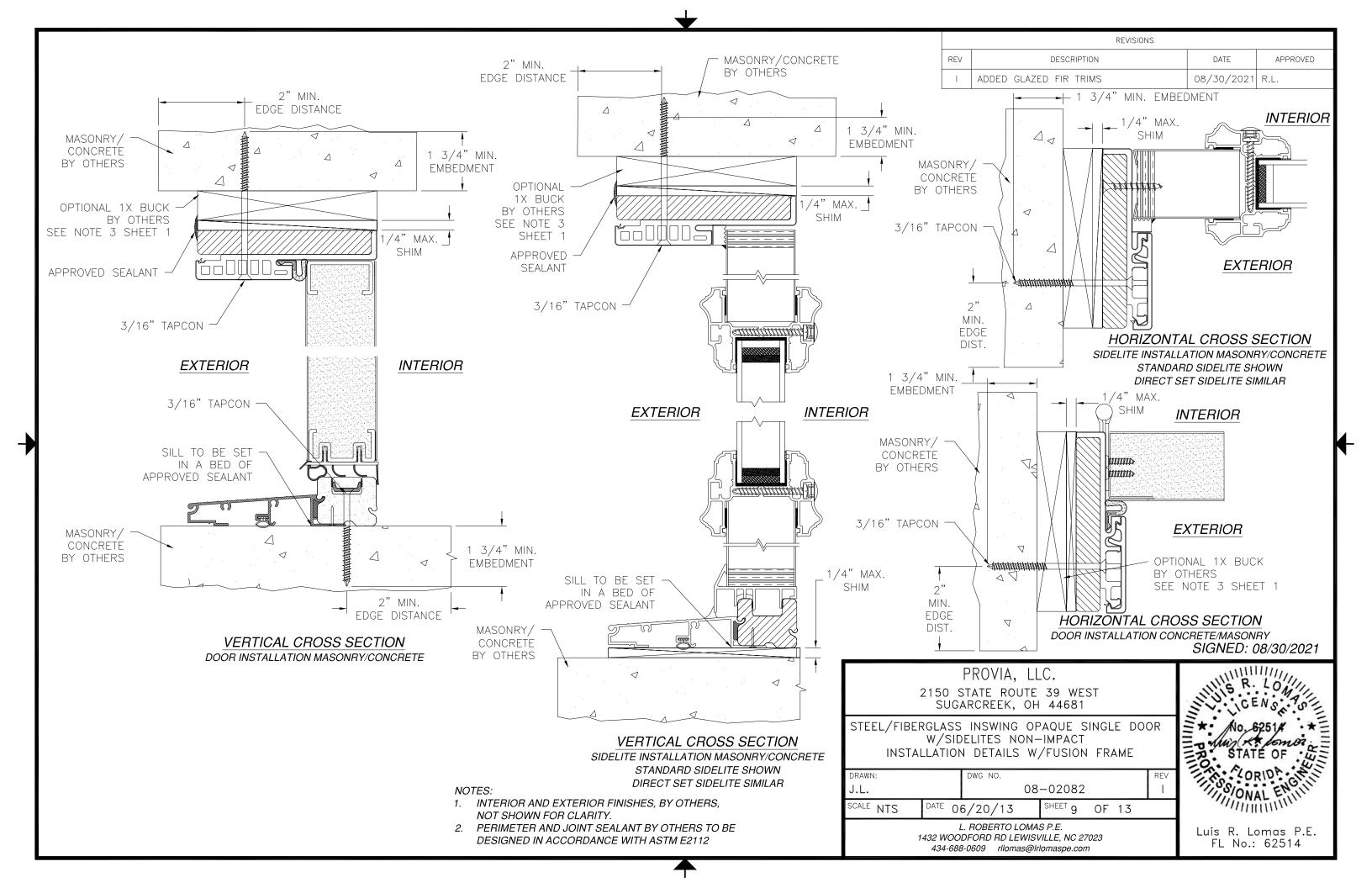


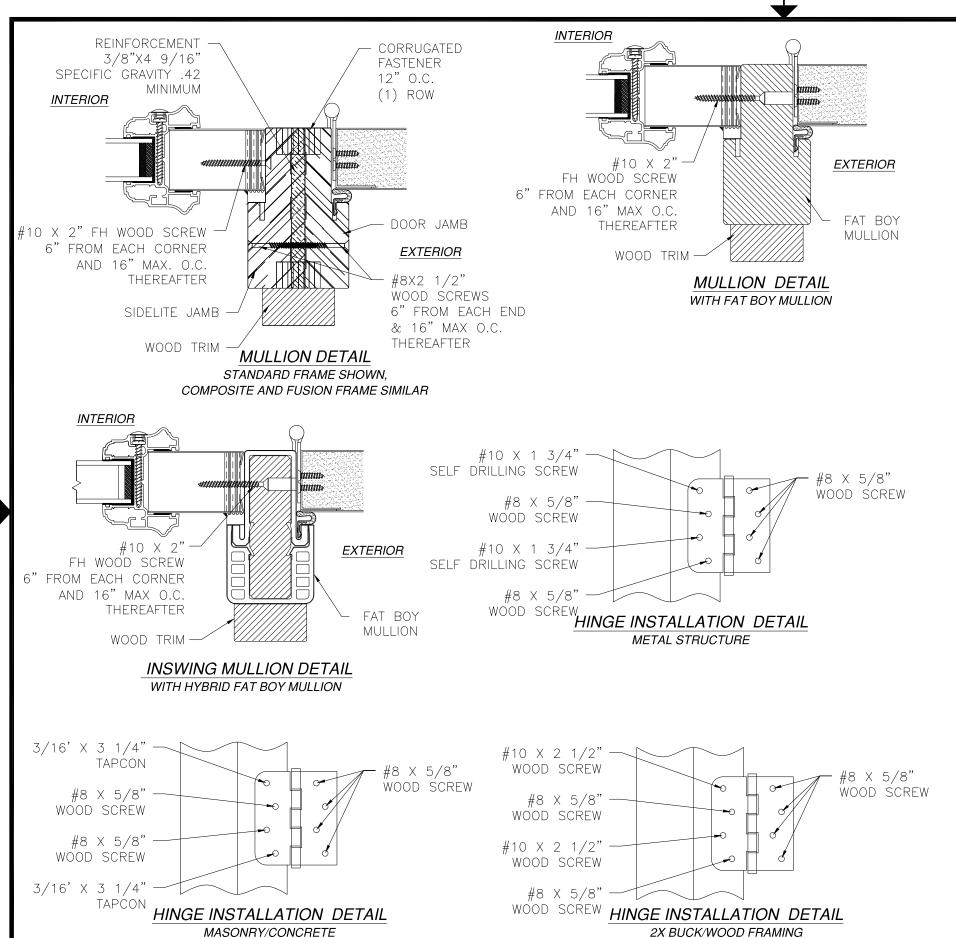










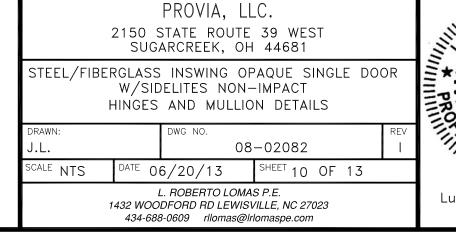


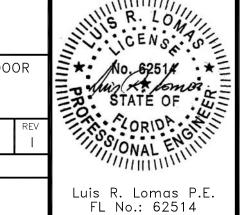
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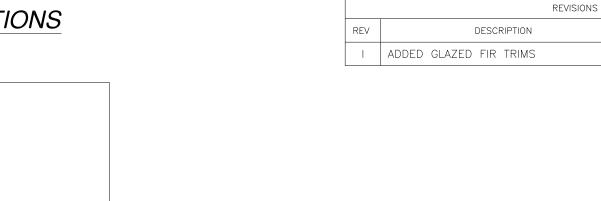
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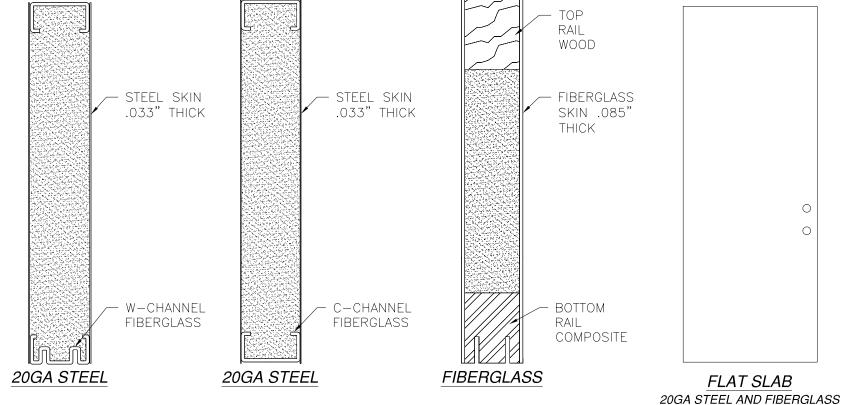
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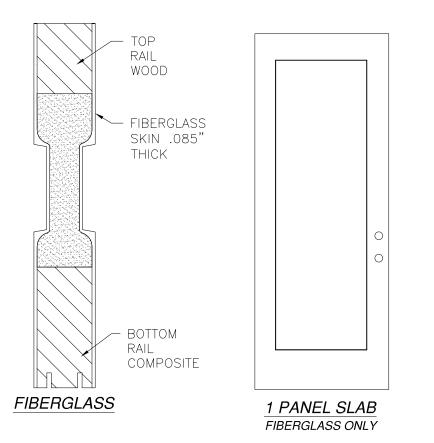


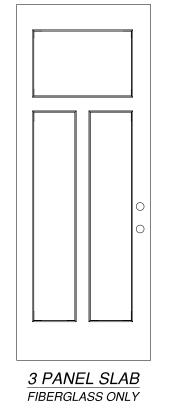


APPROVED DOOR SLABS AND CROSS SECTIONS









PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681 STEEL/FIBERGLASS INSWING OPAQUE SINGLE DOOR W/SIDELITES NON-IMPACT APPROVED SLABS AND TRIMS DRAWN: DWG NO. 08-02082 SCALE NTS DATE 06/20/13 SHEET 11 OF 13 L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/30/2021

TREV STA. CORIDA CONTINUITA SOME

Luis R. Lomas P.E.

FL No.: 62514

APPROVED

08/30/2021 R.L.

