

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISE TO ADD ODL KEystone TRIM	08/20/2024	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. 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. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
 5. 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.
 6. FRAME MATERIAL: WOOD WITH G=.46 MINIMUM SPECIFIC GRAVITY, OR COMPOSITE, OR FRAMESAVER, OR FUSION FRAME.
DOOR SKIN MATERIAL: STEEL .033” THICK (MINIMUM)
SIDELITE SKIN MATERIAL: STEEL .022” THICK (MINIMUM)
 7. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 10 FOR GLASS DETAILS.
 8. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS UP TO WIND ZONE 3.
 9. 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”.

10. 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.
11. 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.
12. 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.
13. ALL FASTENERS TO BE CORROSION RESISTANT.
14. 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:
 - 14.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 14.2. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - 14.3. MASONRY – GROUT FILLED STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - 14.4. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .048” THICK MINIMUM
15. DOOR CONSTRUCTION MAYBE CONTINUOUS HEAD FRAME AND CONTINUOUS THRESHOLD OR BOX CONSTRUCTION.

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

STEEL OUTSWING GLAZED SINGLE DOOR
W/SIDELITES – IMPACT
NOTES

DRAWN:
J.L.

DWG NO.
08-02019

REV
J

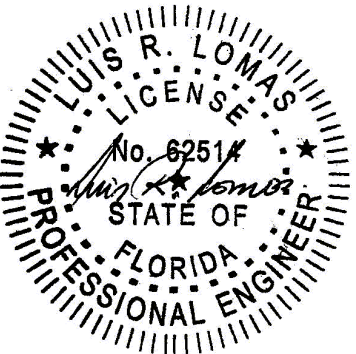
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DATE 05/10/13

SHEET 1 OF 14

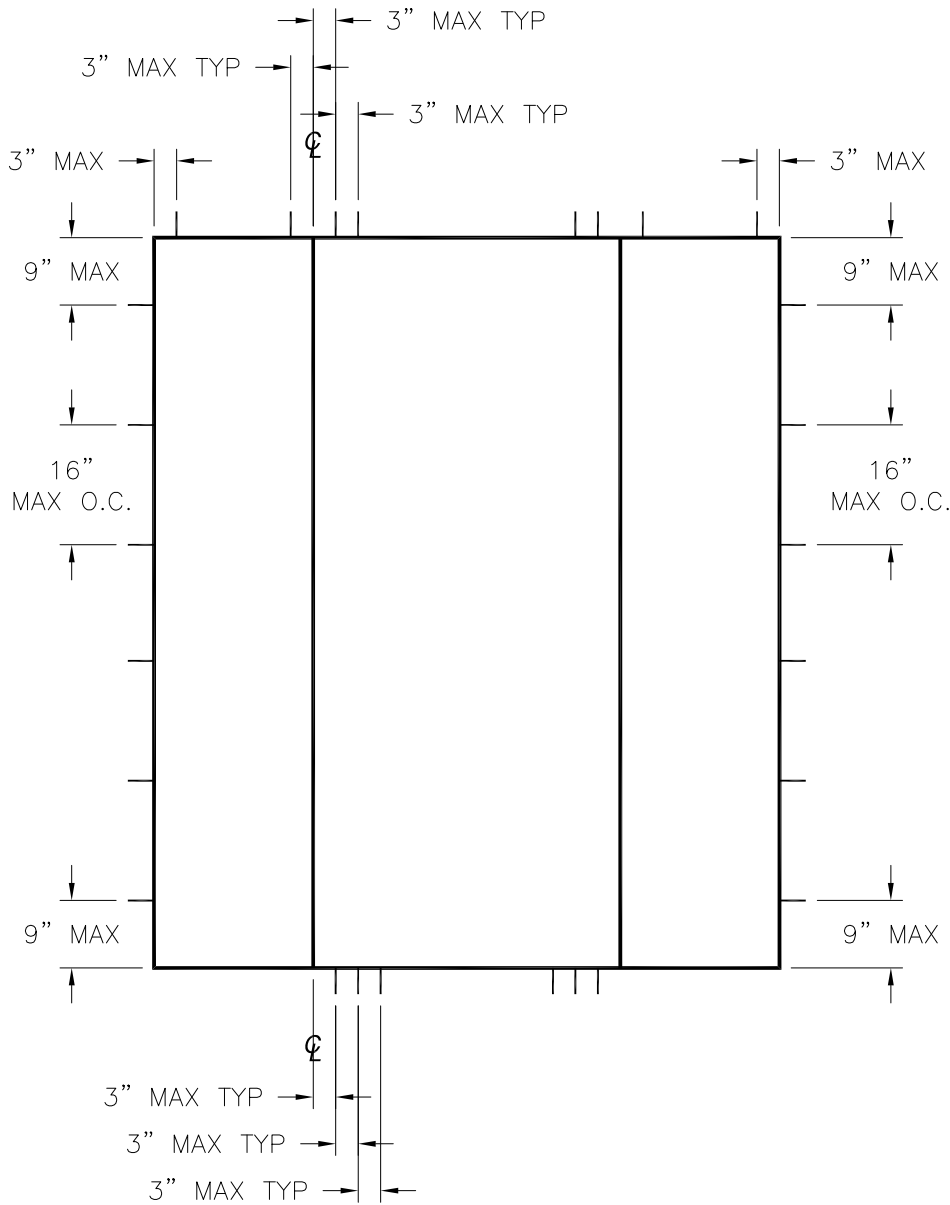
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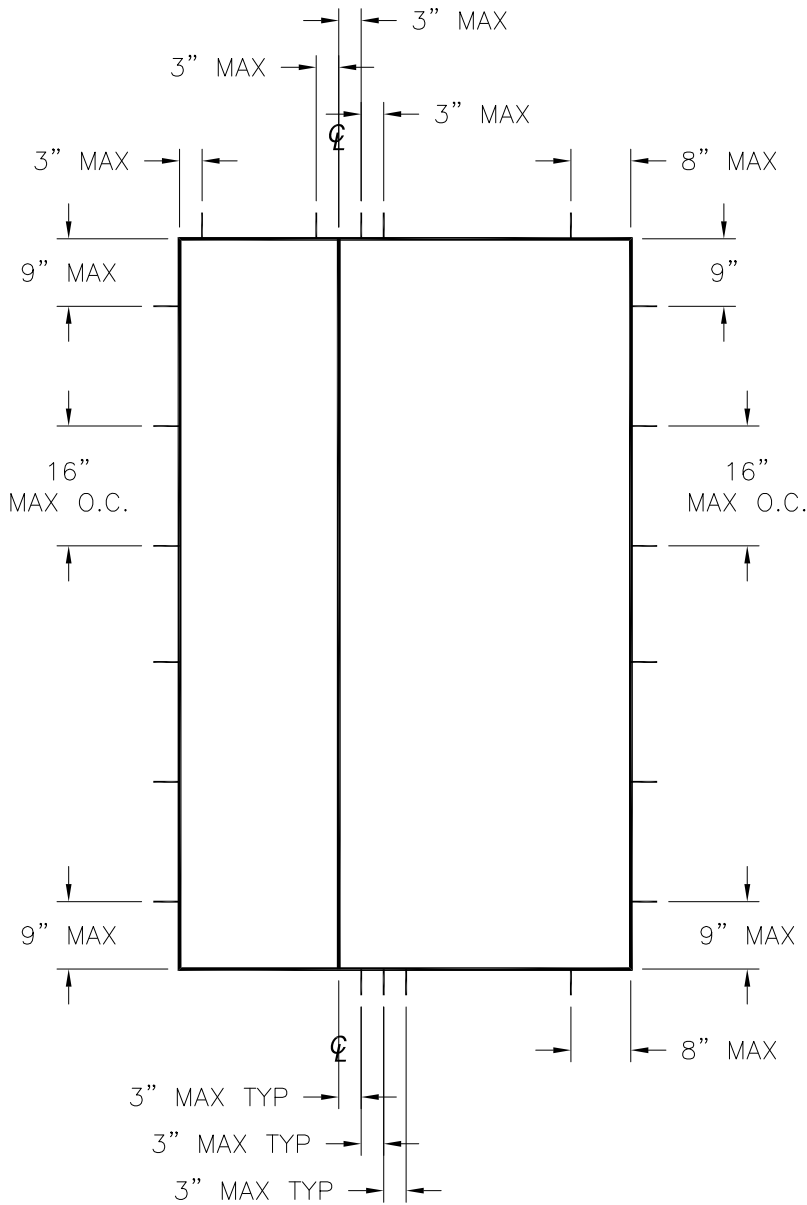


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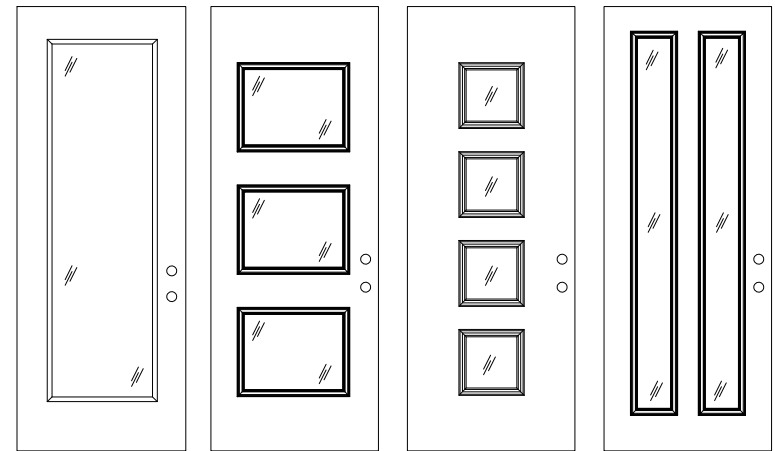


SINGLE IMPACT - COMPOSITE/WOOD FRAME



SINGLE W/SIDELITE

APPROVED LITE CONFIGURATIONS

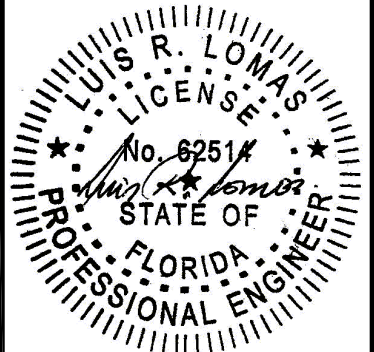


FULL LITE 3 LITE 4 LITE 2 LITE
LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY.
MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS
LITE SIZE DOES NOT EXCEED 11.1 FT²

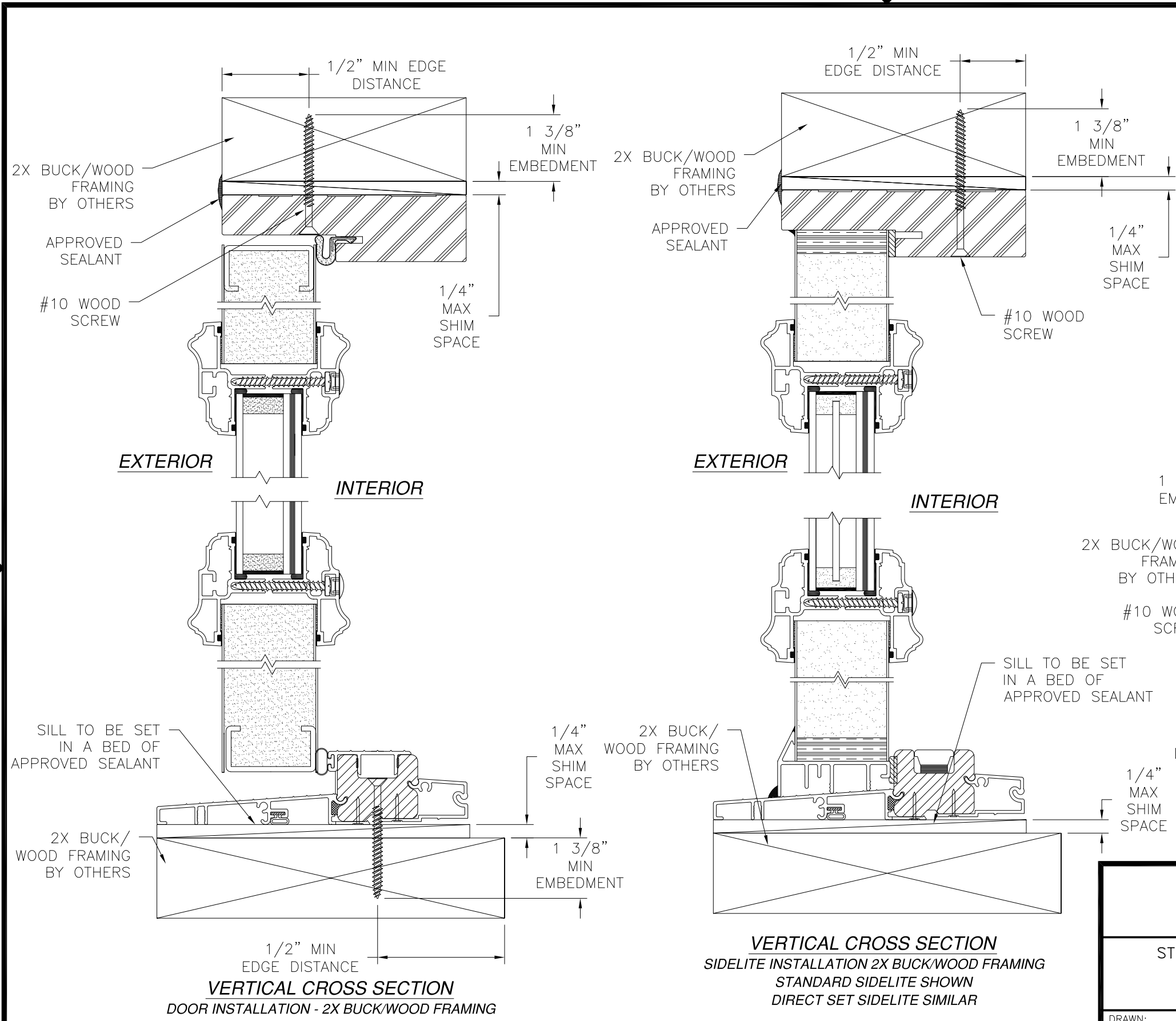
HARDWARE SCHEDULE	
A.	F-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE
B.	B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
C.	F-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
D.	RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE)
E.	MULTI-POINT LOCK HANDLE ASSEMBLY BY TRILENNIUM (ALTERNATE)
F.	PANOLOCK MULTI-POINT LOCK ASSEMBLY (ALTERNATE)
G.	(3) 4" X 4" BALL BEARING HINGES BY PENROD
H.	(3) 4" X 4" SPRING BOMMER HINGES BY PENROD (ALTERNATE)

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DRAWN: J.L.	DWG NO. 08-02019	REV J
SCALE NTS	DATE 05/10/13	SHEET 3 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

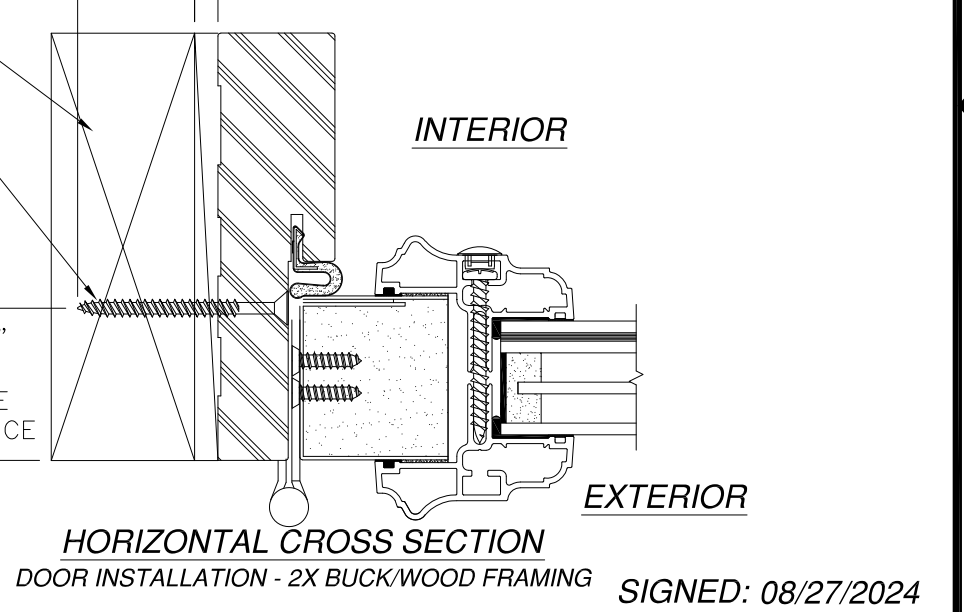
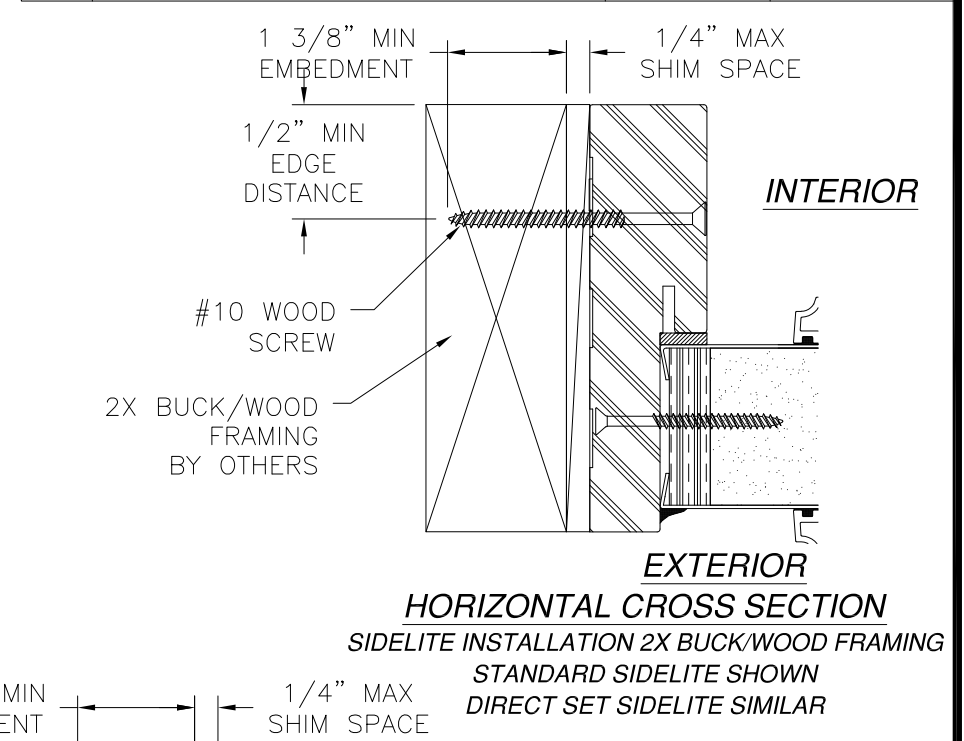
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 - PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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STEEL OUTSWING GLAZED SINGLE DOOR
W/SIDELITES - IMPACT
INSTALLATION DETAILS

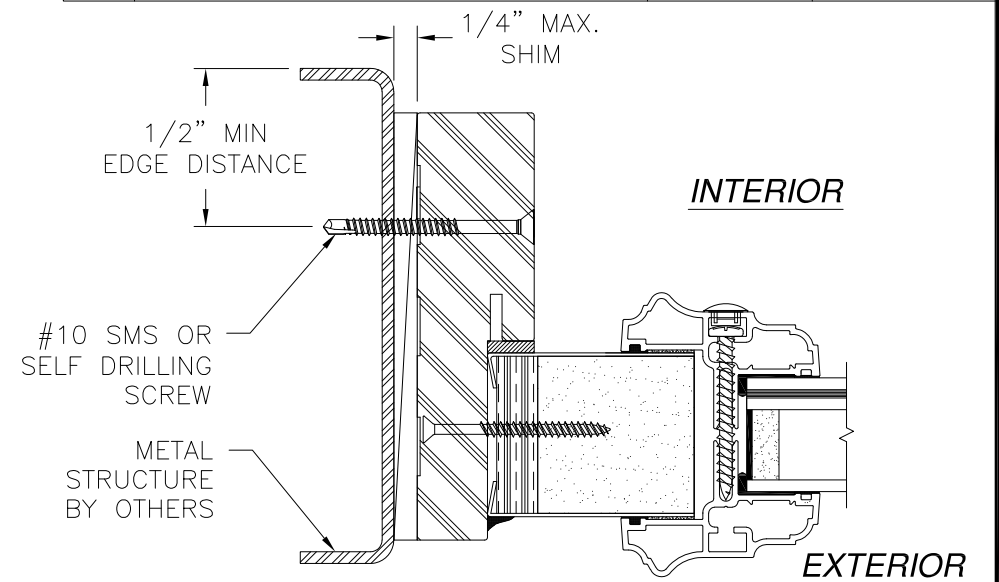
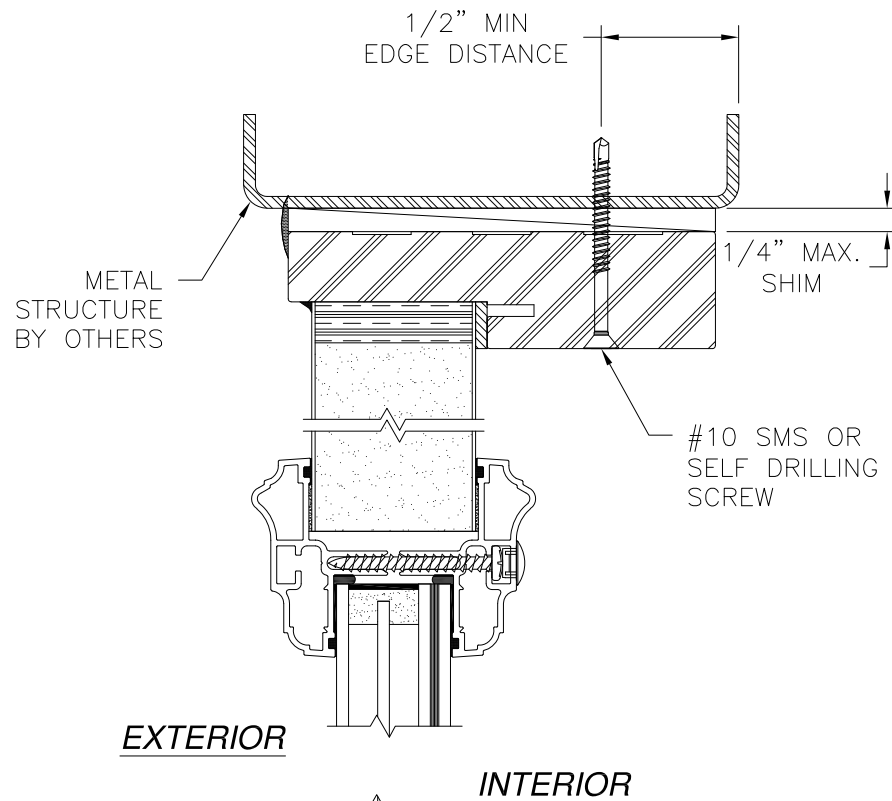
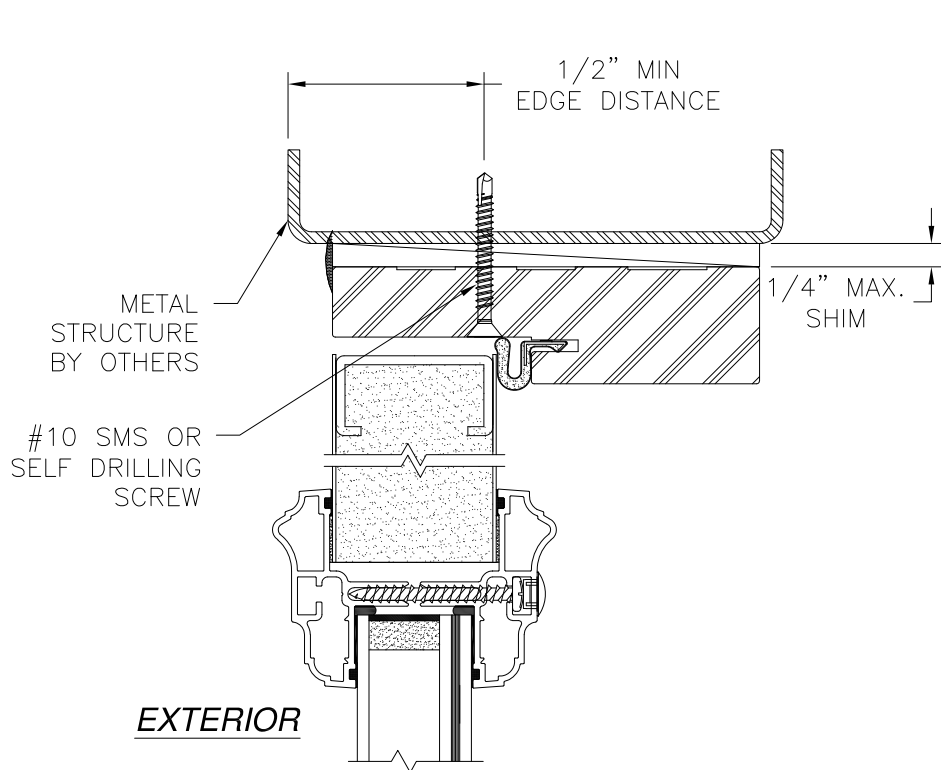
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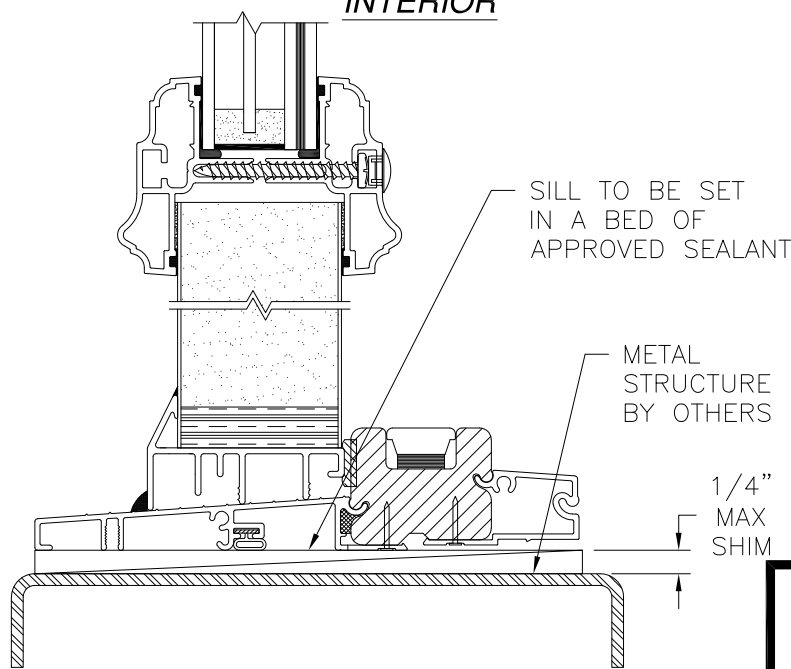
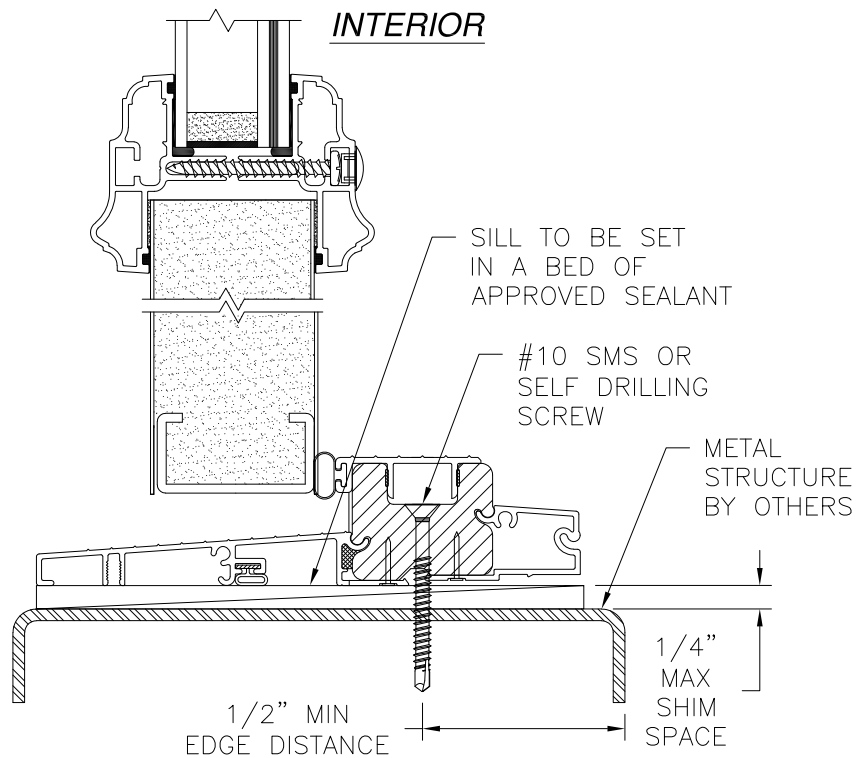
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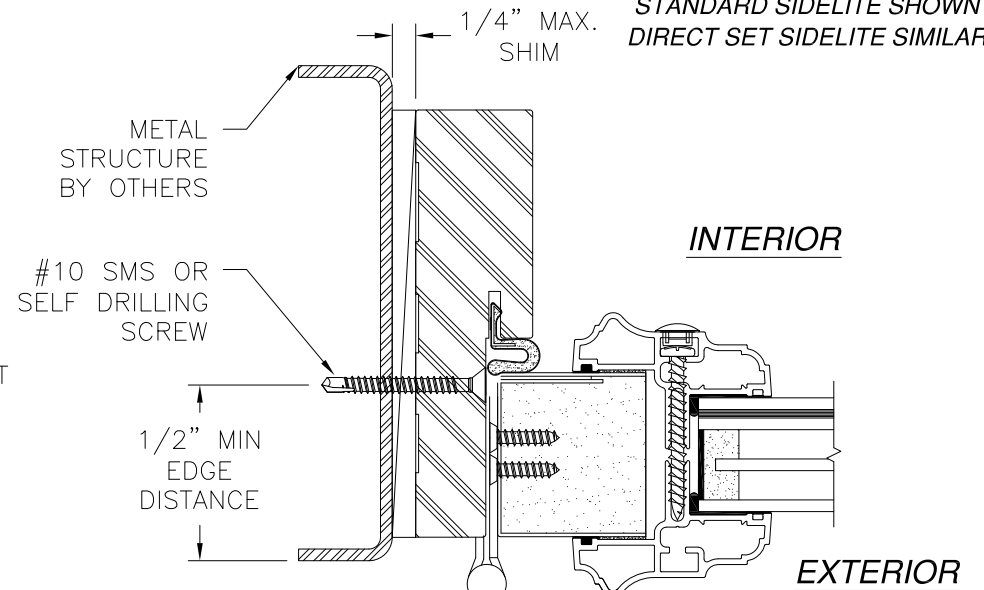
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HORIZONTAL CROSS SECTION
SIDELITE INSTALLATION METAL STRUCTURE
STANDARD SIDELITE SHOWN
DIRECT SET SIDELITE SIMILAR



VERTICAL CROSS SECTION
SIDELITE INSTALLATION METAL STRUCTURE
STANDARD SIDELITE SHOWN
DIRECT SET SIDELITE SIMILAR



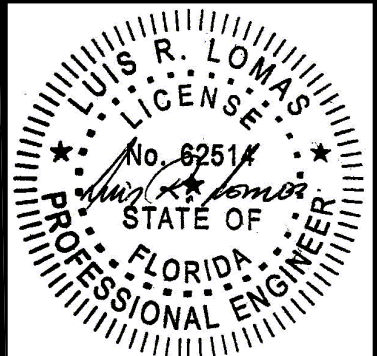
HORIZONTAL CROSS SECTION
DOOR INSTALLATION METAL STRUCTURE

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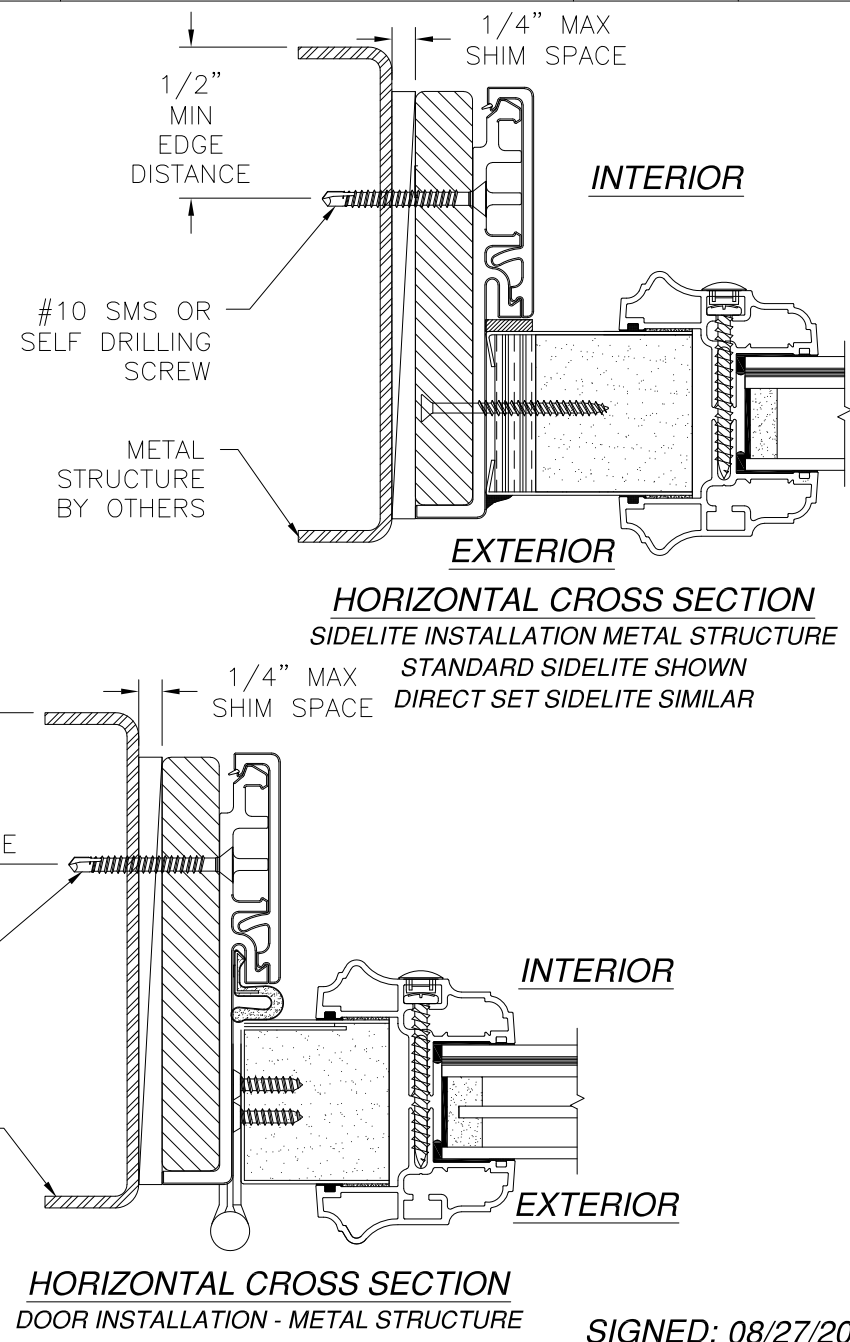
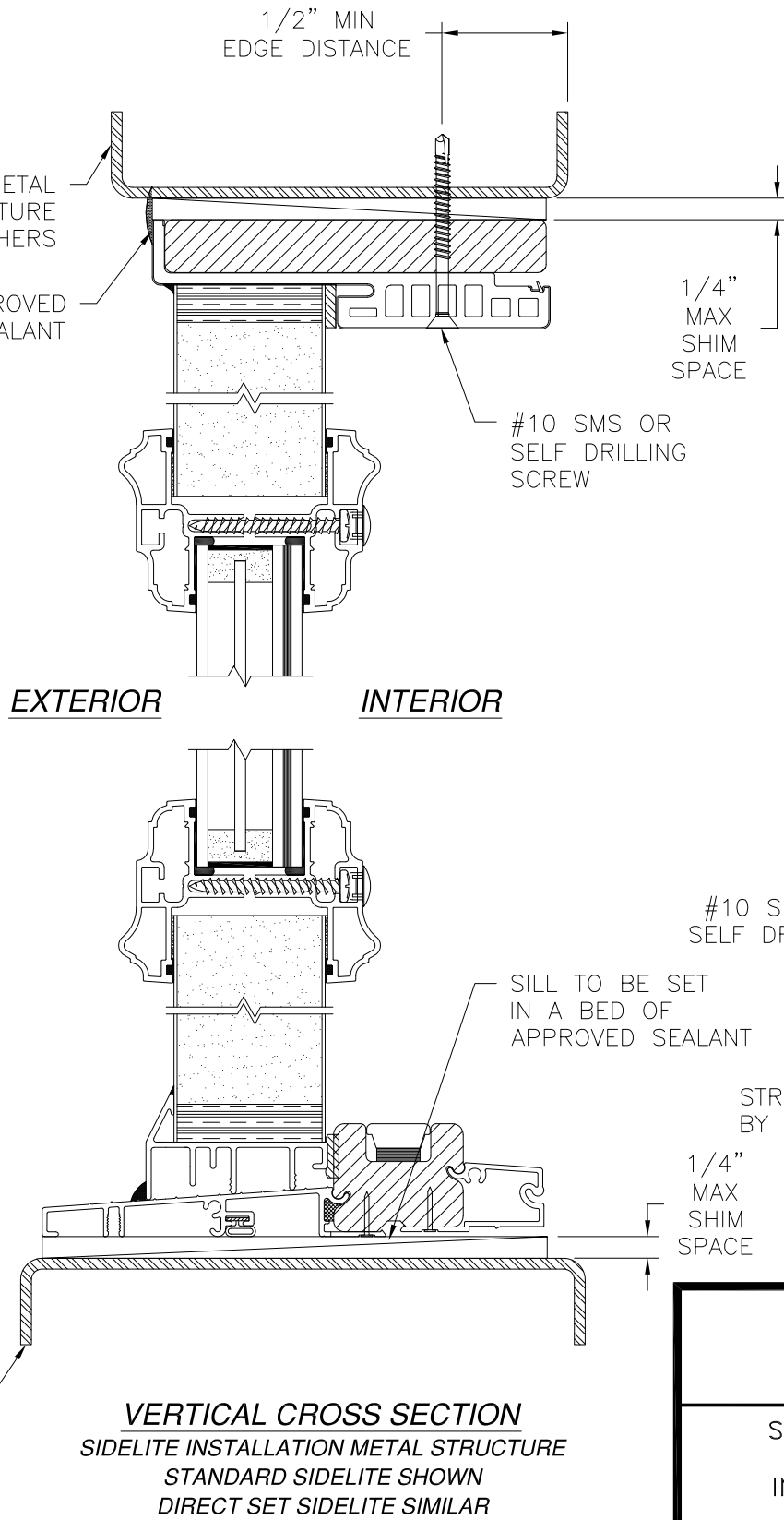
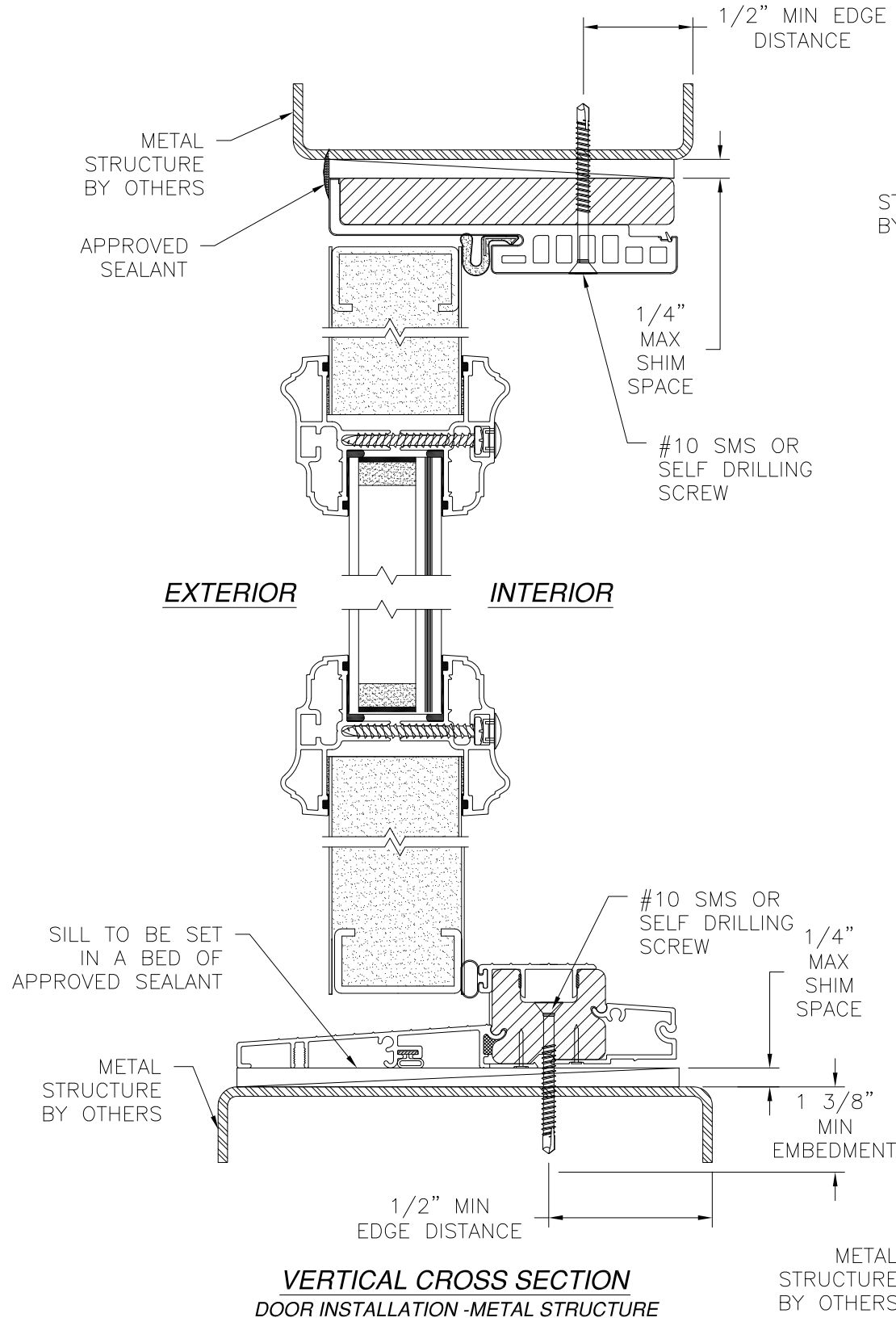
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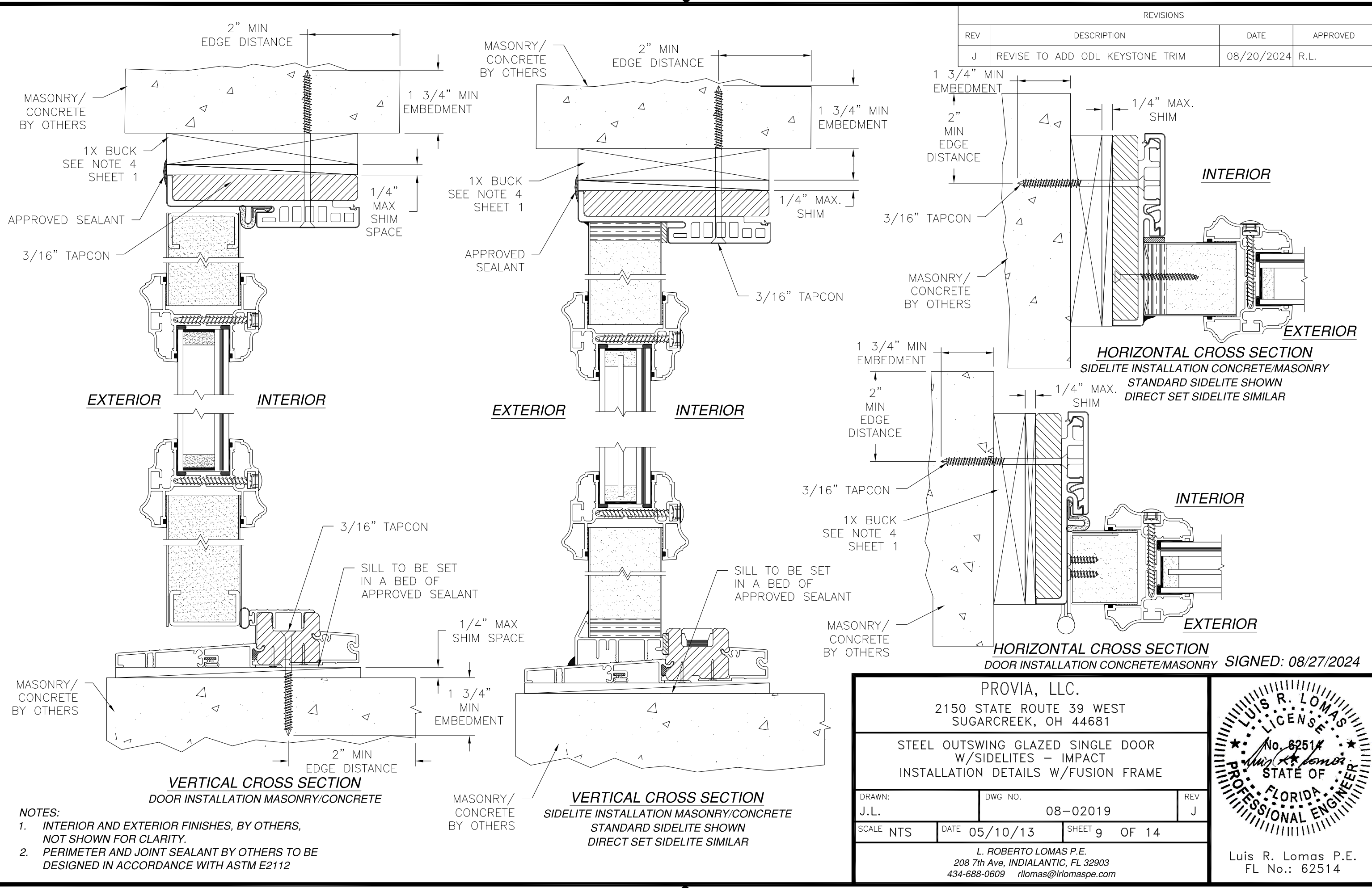
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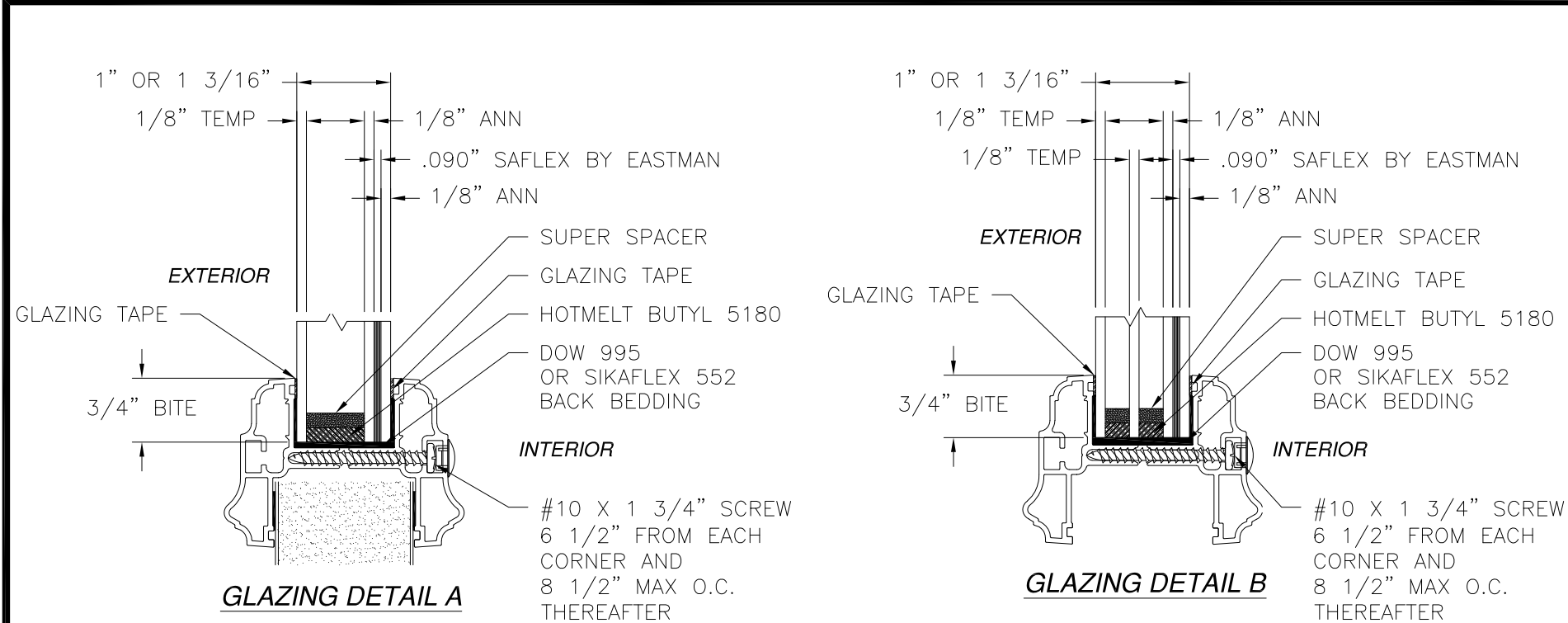
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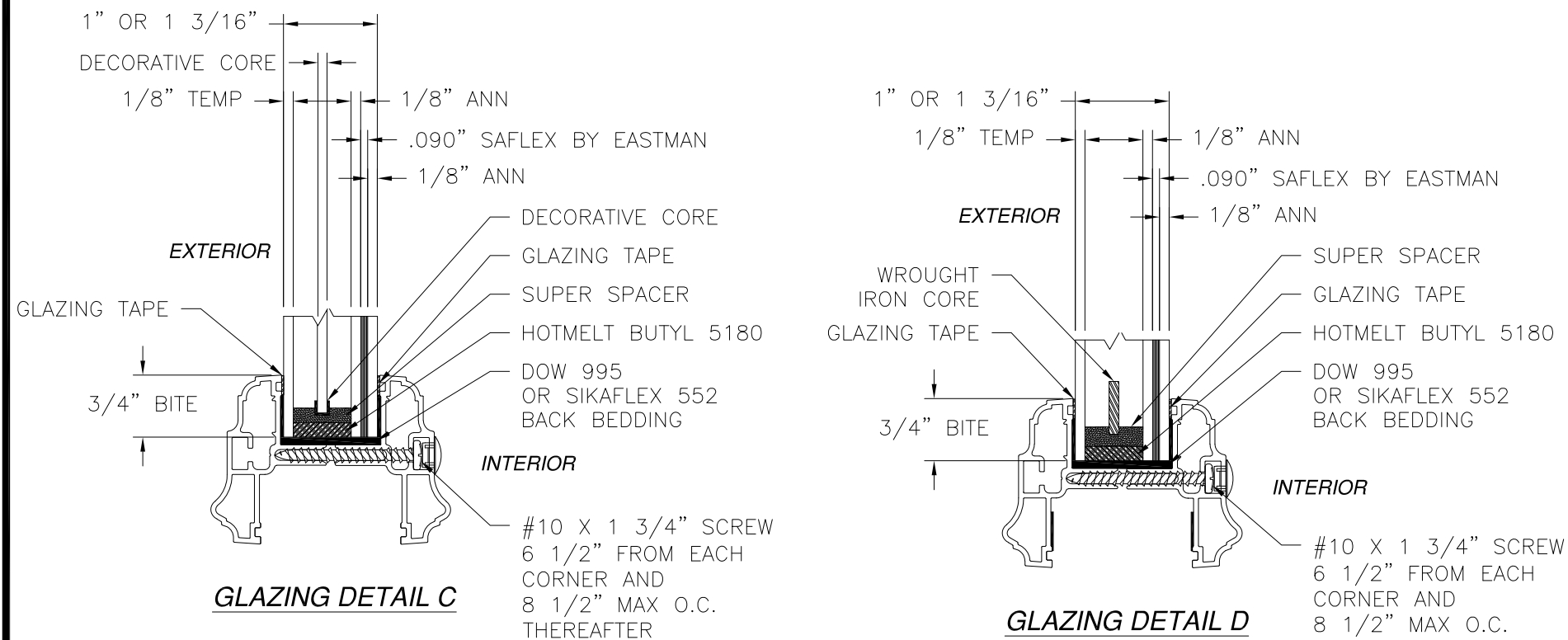
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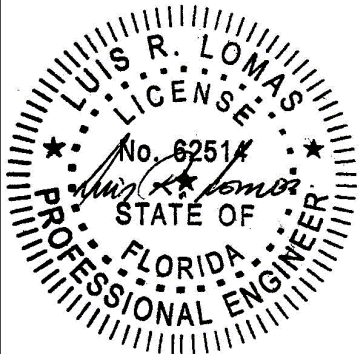
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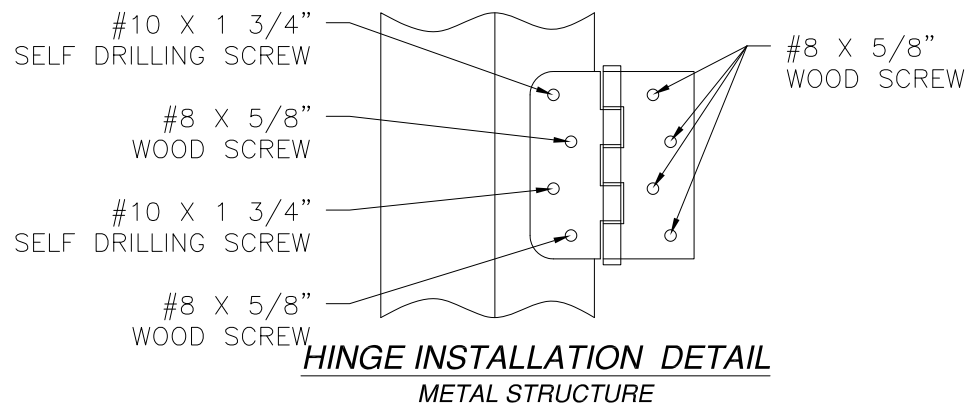
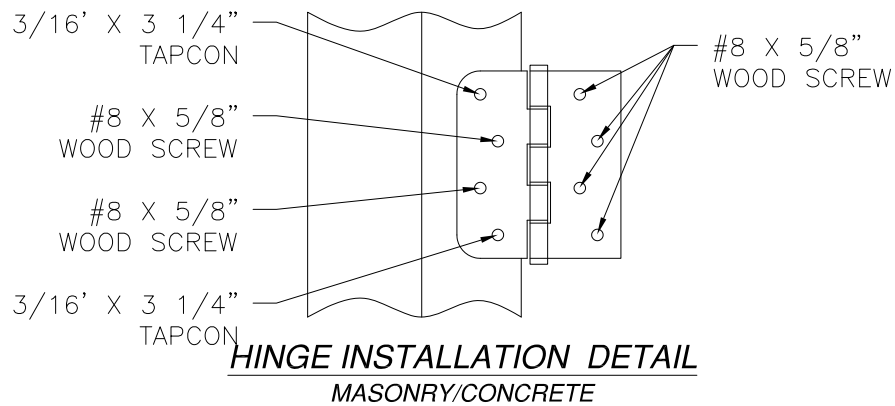
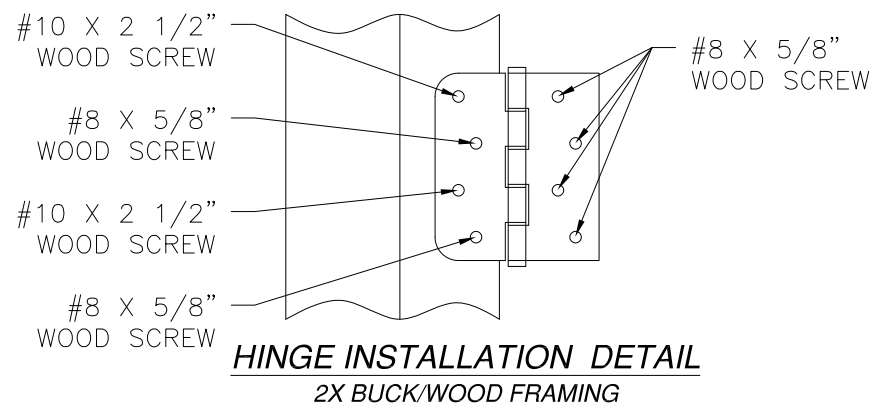
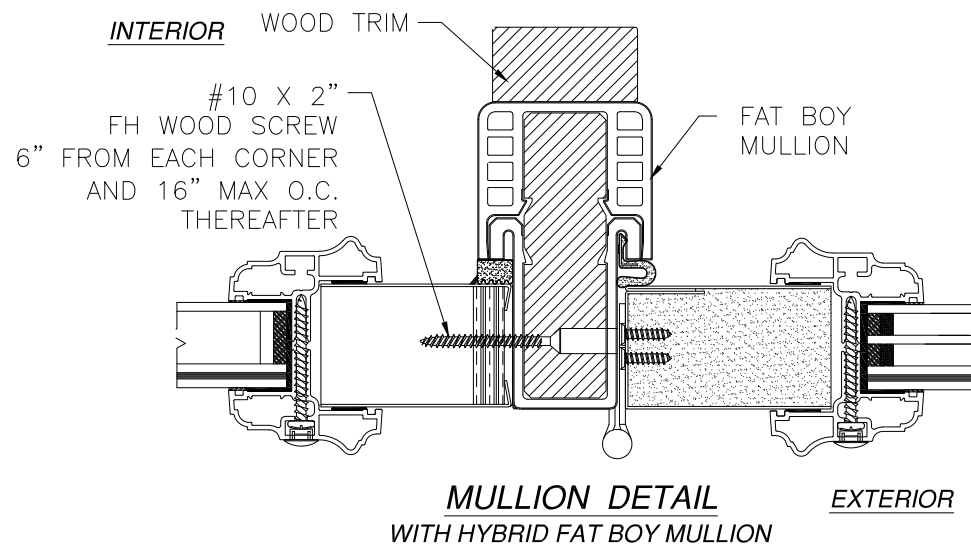
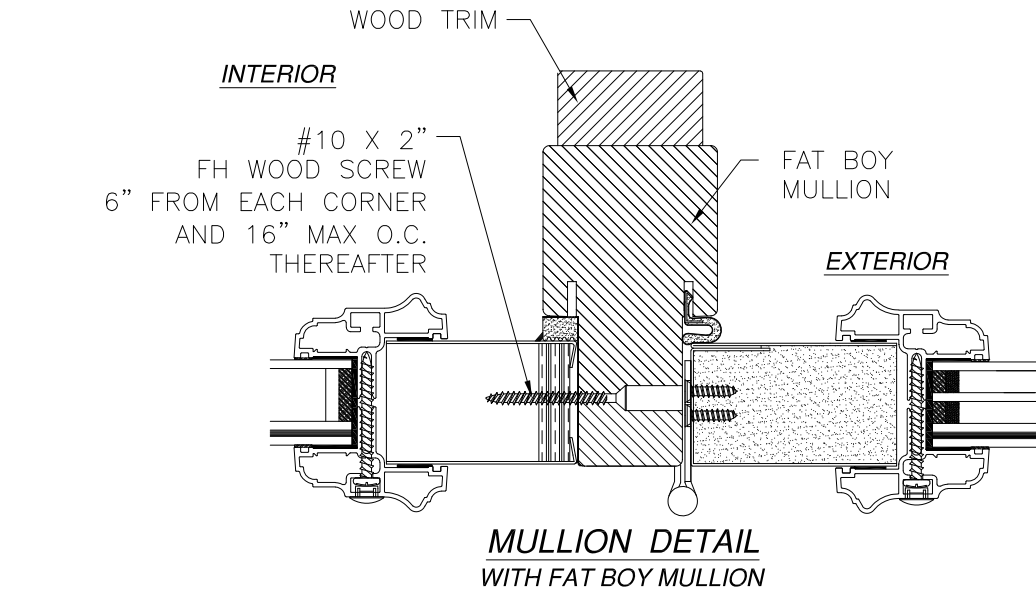
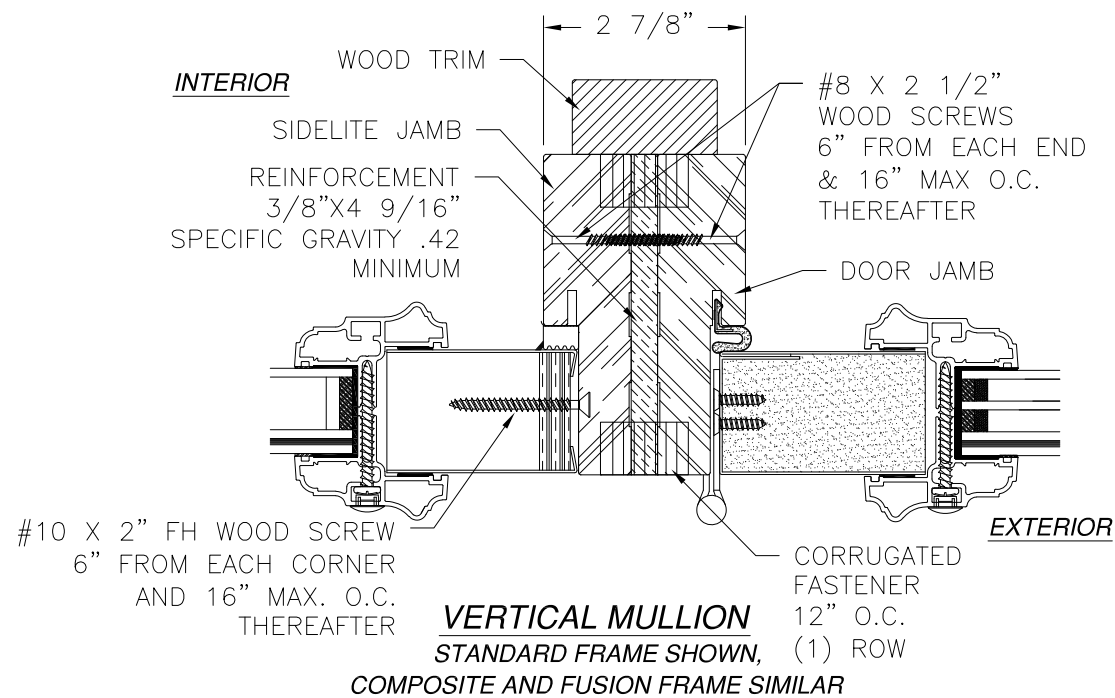
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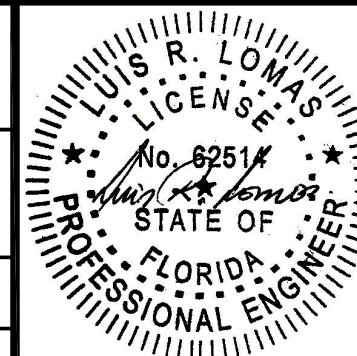
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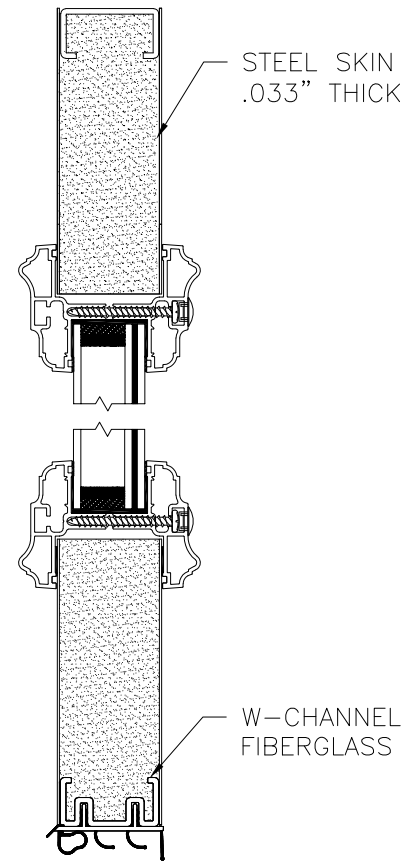
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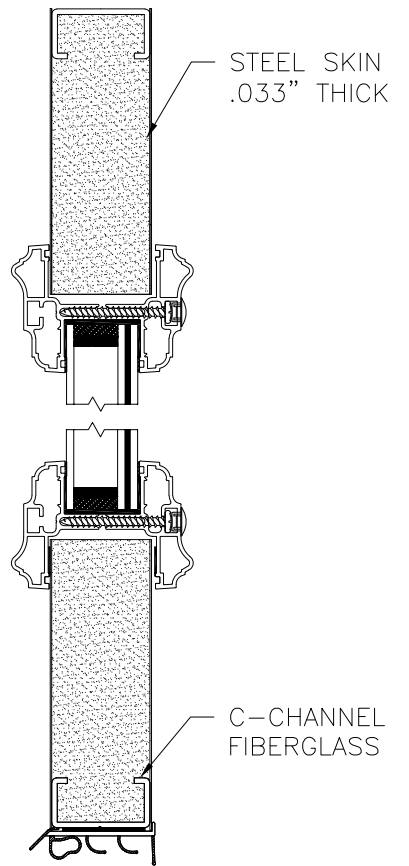
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APPROVED SLABS AND TRIMS

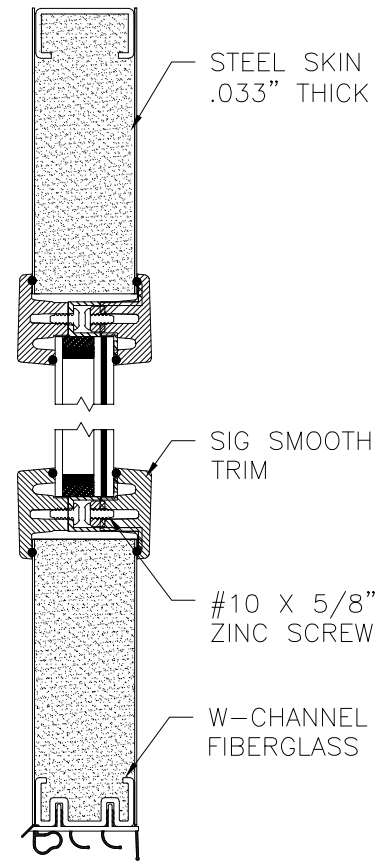
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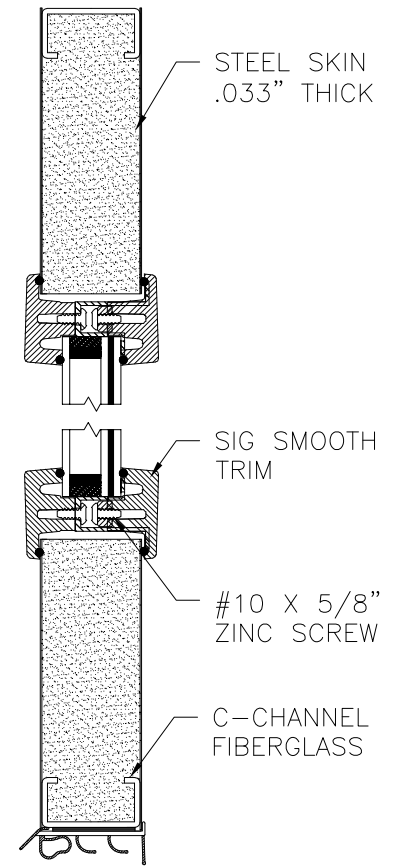
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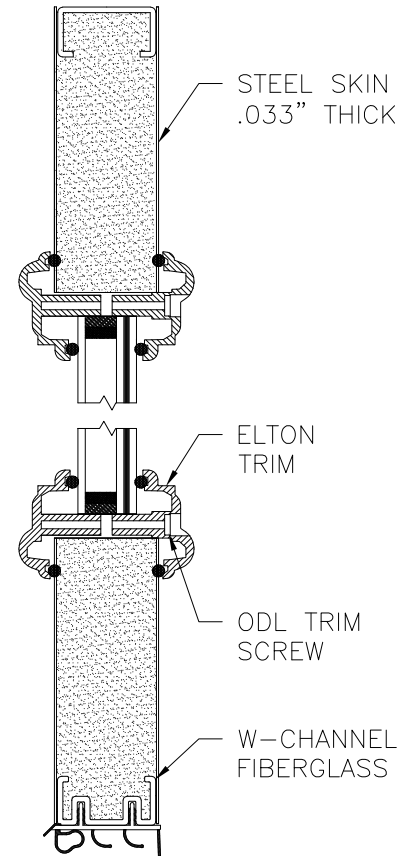
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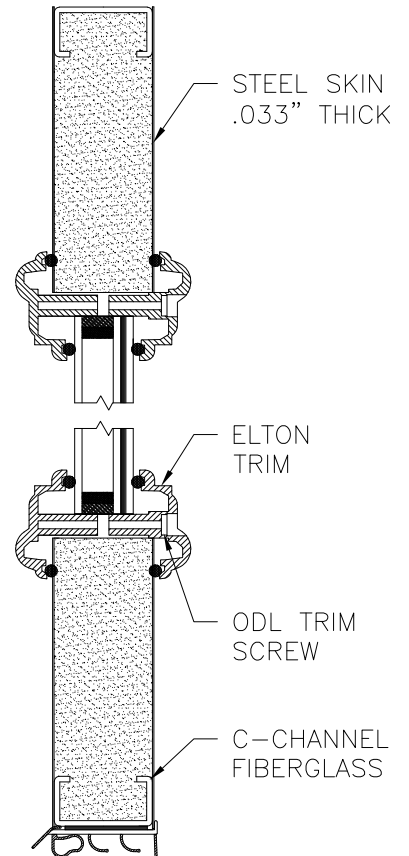
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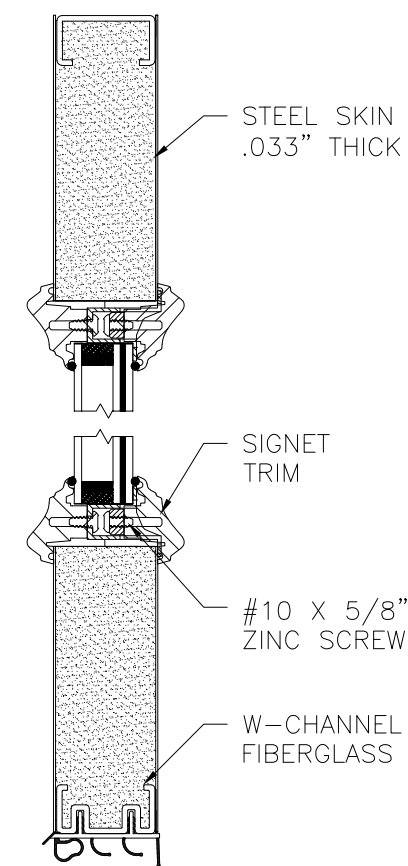
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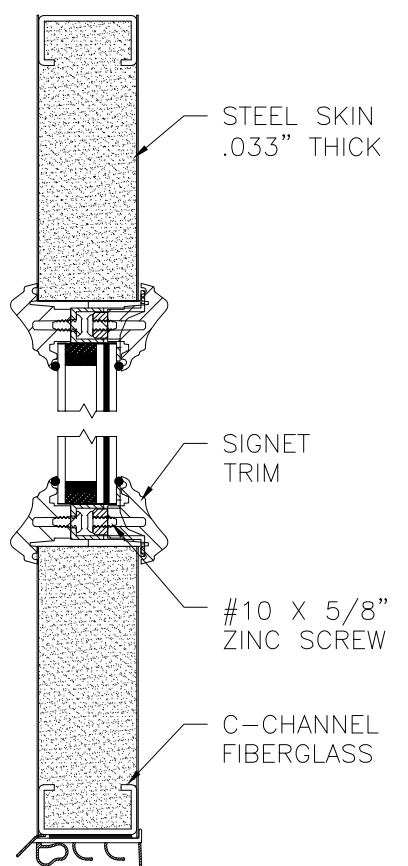
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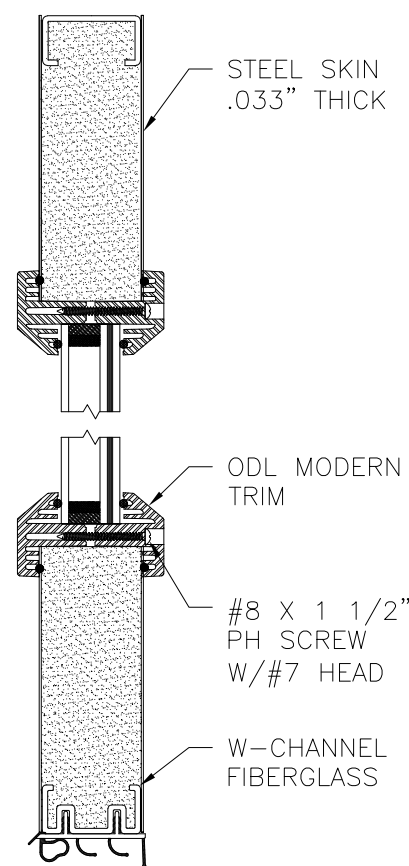
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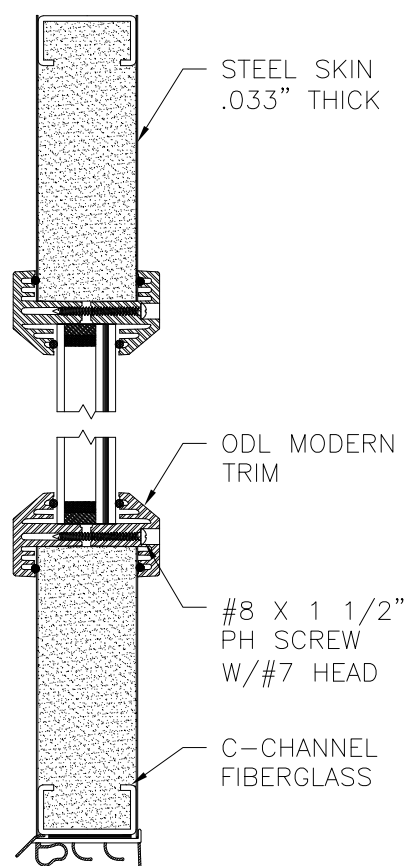
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PANEL OPTION 6



PANEL OPTION 7



PANEL OPTION 8

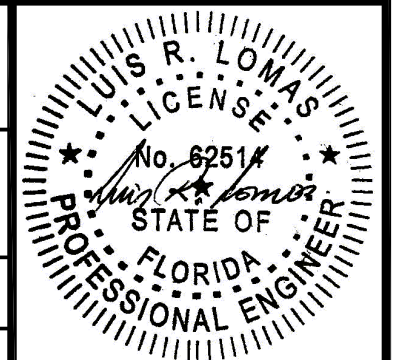
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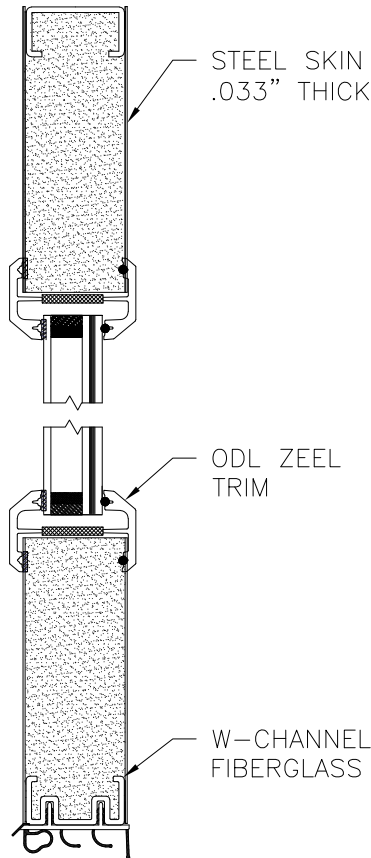
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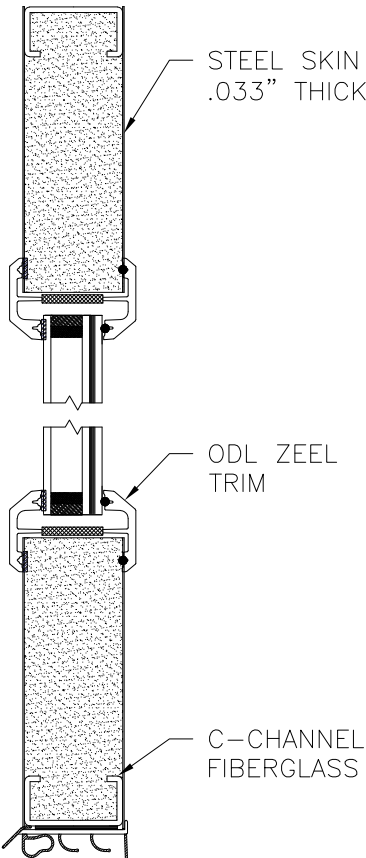
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APPROVED SLABS AND TRIMS

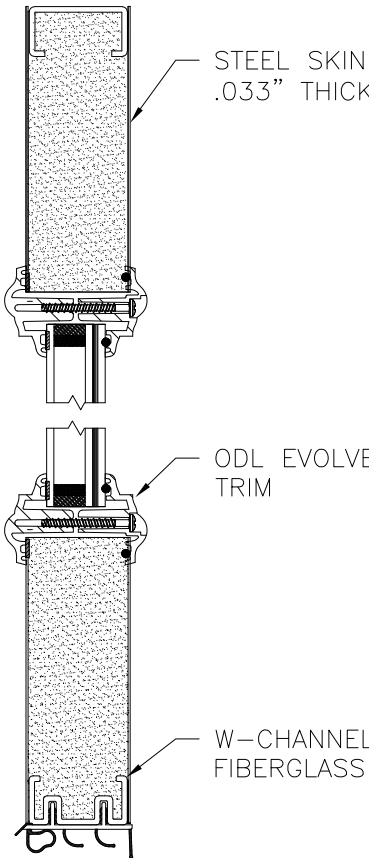
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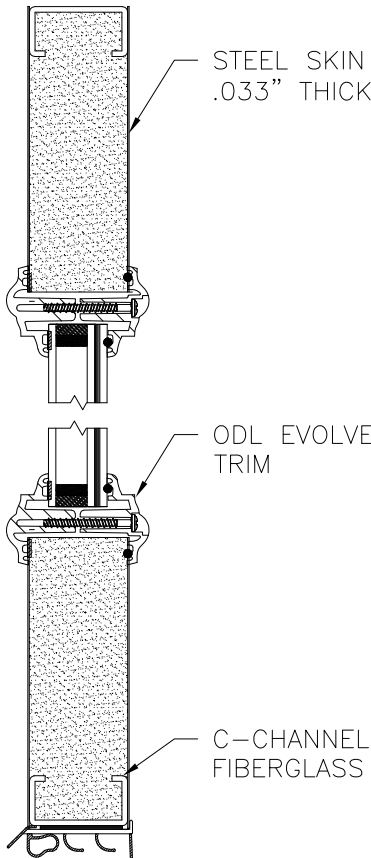
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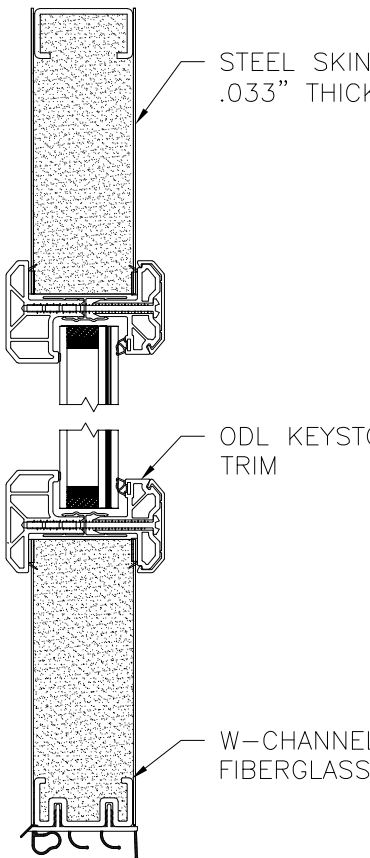
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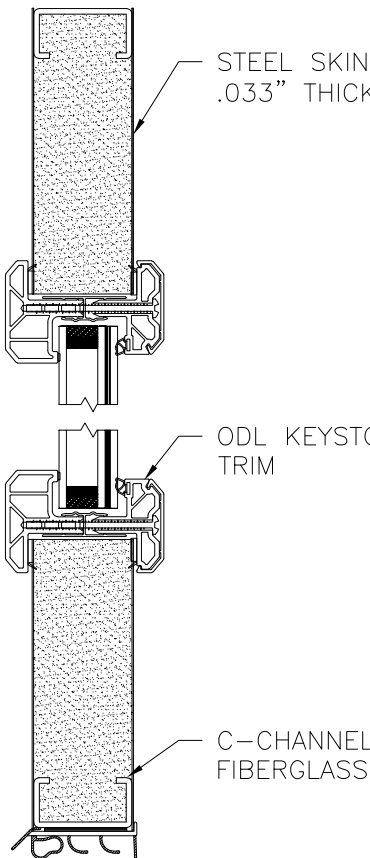
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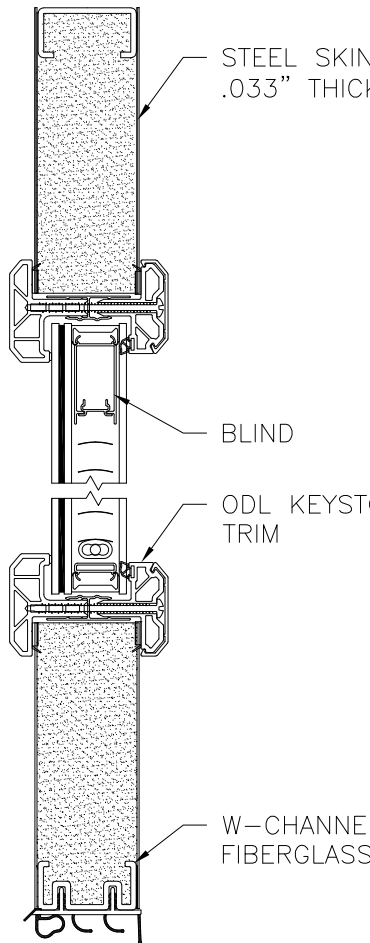
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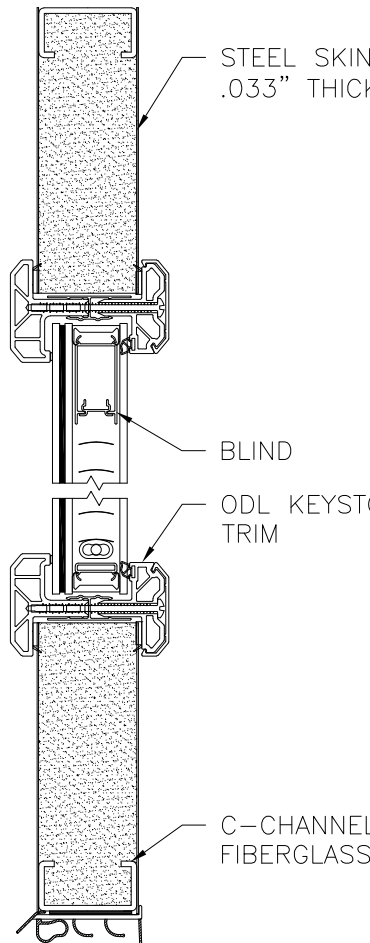
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PANEL OPTION 18



PANEL OPTION 15



PANEL OPTION 16

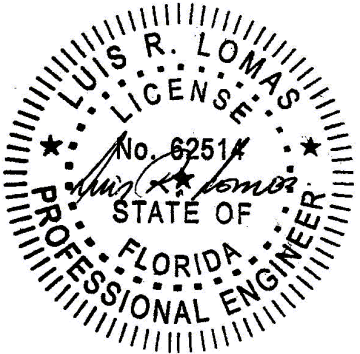
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL OUTSWING GLAZED SINGLE DOOR
W/SIDELITES - IMPACT
APPROVED SLABS

DRAWN: J.L.	DWG NO. 08-02019	REV J
SCALE NTS	DATE 05/10/13	SHEET 13 OF 14

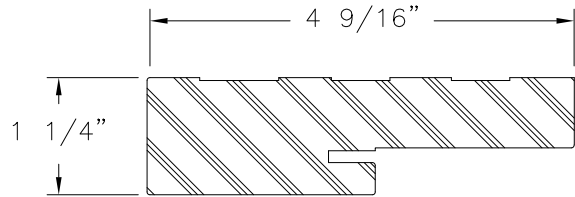
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 08/27/2024

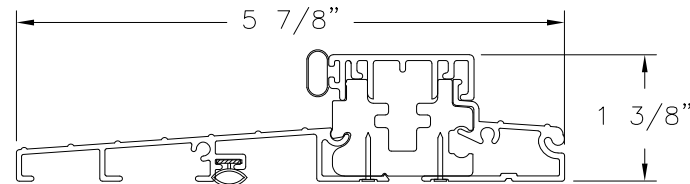


Luis R. Lomas P.E.
FL No.: 62514

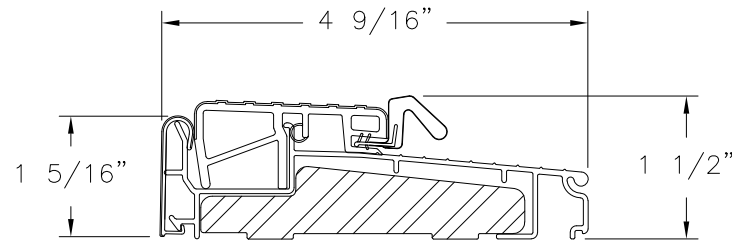
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISE TO ADD ODL KEYSTONE TRIM	08/20/2024	R.L.



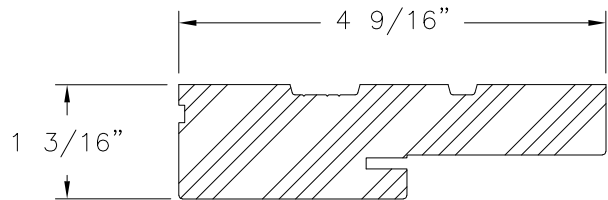
COMPOSITE FRAME PROFILE



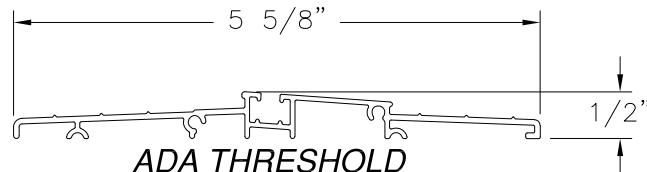
STANDARD OUTSWING THRESHOLD



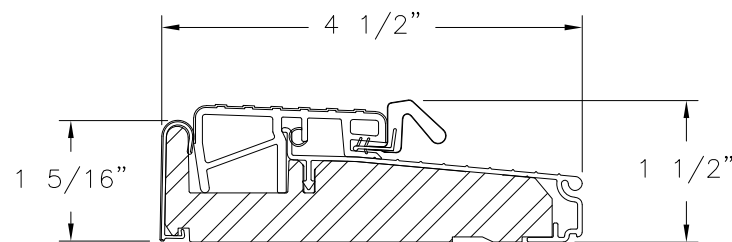
OUTSWING SILL ZOBL4565



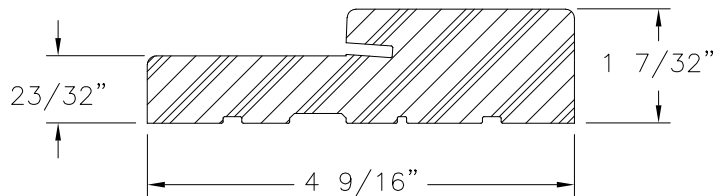
WOOD FRAME PROFILE



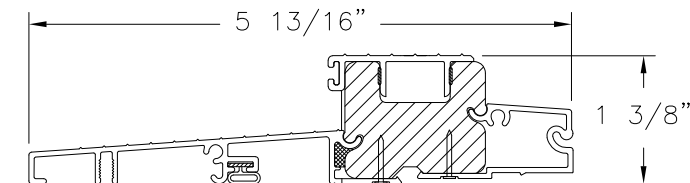
ADA THRESHOLD



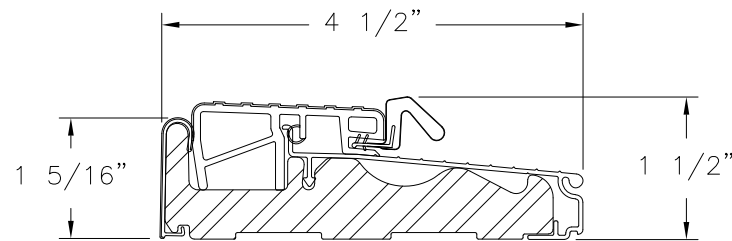
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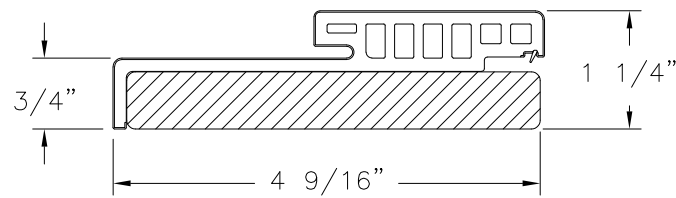
FRAMESAVER
COMPOSITE



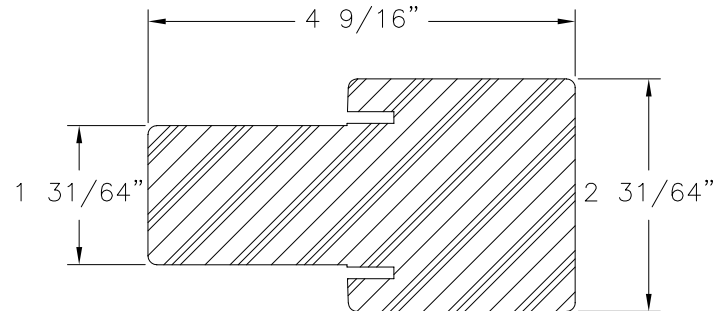
SAHARA OUTSWING THRESHOLD



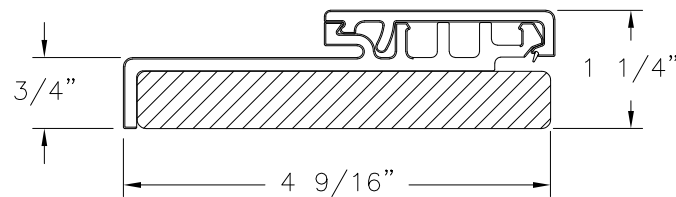
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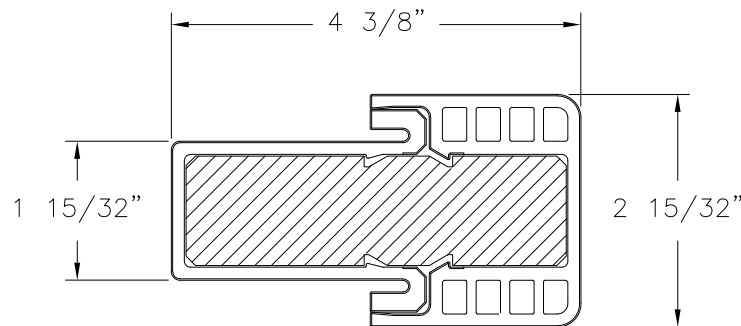
HYBRID HEAD
WOOD/COMPOSITE



FAT BOY MULLION
COMPOSITE



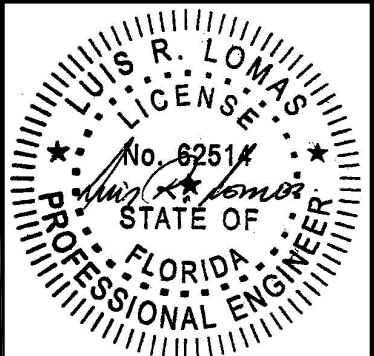
HYBRID JAMB
WOOD/COMPOSITE



HYBRID FAT BOY MULLION
COMPOSITE

SIGNED: 08/27/2024

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
STEEL OUTSWING GLAZED SINGLE DOOR W/SIDELITES - IMPACT COMPONENTS		
DRAWN: J.L.	DWG NO. 08-02019	REV J
SCALE NTS	DATE 05/10/13	SHEET 14 OF 14
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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