

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	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 11 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.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 – 3	ELEVATIONS
4	ANCHORING LAYOUTS
5 – 10	INSTALLATION DETAILS
11	GLAZING AND HINGES DETAILS
12 – 15	MULLION DETAILS, APPROVED SLABS AND COMPONENTS

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

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM – IMPACT
NOTES

DRAWN:
V.L.

DWG NO.
08-01965

REV
J

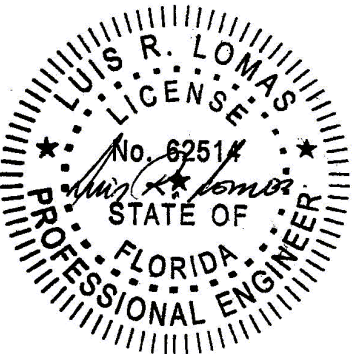
SCALE NTS

DATE 04/22/13

SHEET 1 OF 15

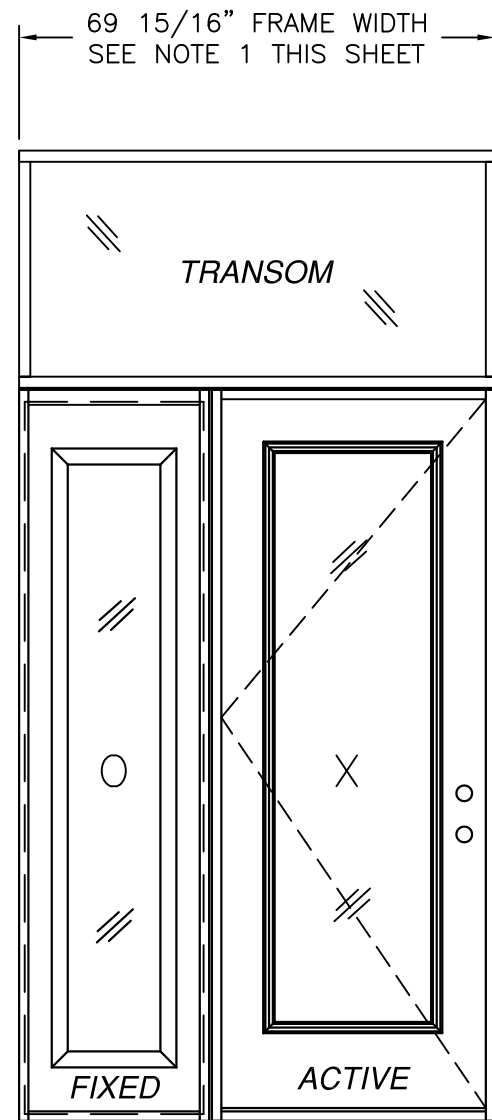
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/10/2026

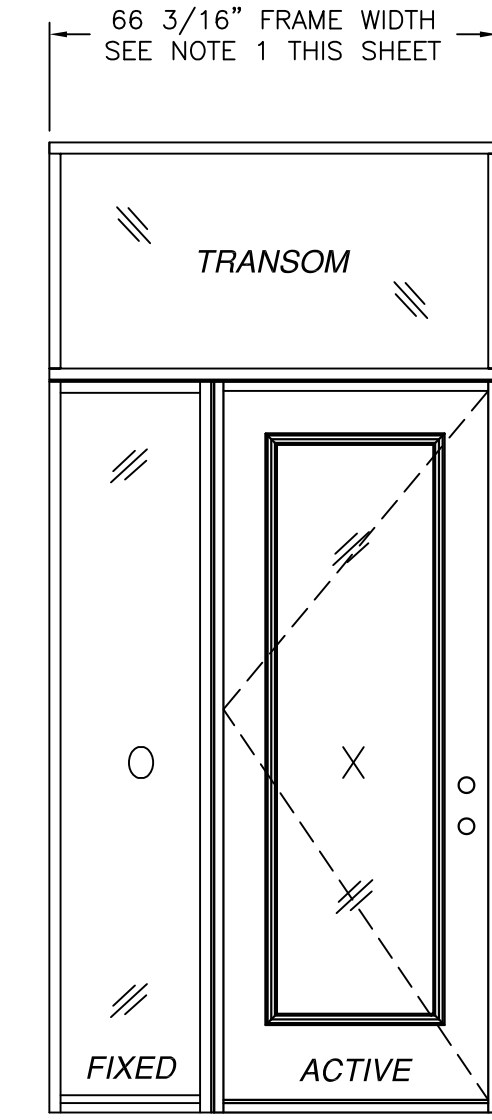


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.

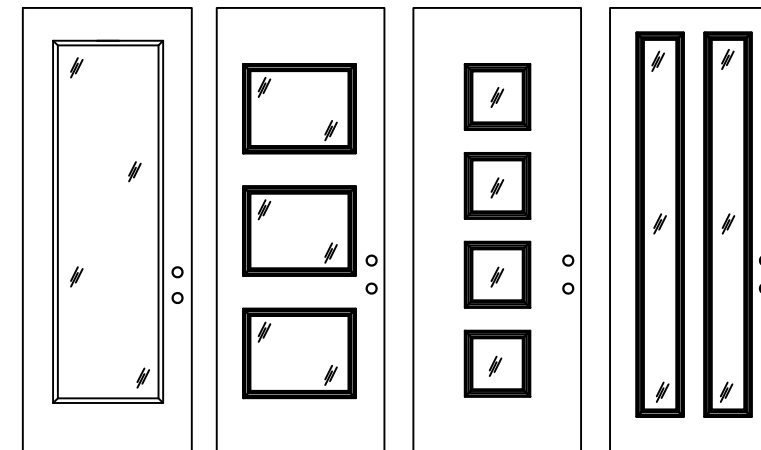


1/2" MULLION MINIMUM
SEE NOTE 3
THIS SHEET
& DETAILS B & C
SHEET 12



1/2" MULLION MINIMUM
SEE NOTE 3
THIS SHEET
& DETAILS B & C
SHEET 12

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

NOTES:

1. MAXIMUM ALLOWED BUILD UP TO BE 7"
2. IF SIDELITE WIDTH IS 16" OR LESS NO VERTICAL MULLION IS REQUIRED.
3. IF TRANSOM HEIGHT IS 16" OR LESS NO HORIZONTAL MULLION IS REQUIRED.
4. DOOR PANEL SIZE: 35 3/4" X 94 15/16"
5. SIDELITE PANEL SIZE: 23 7/8" X 95 1/8"
6. DOOR PANEL D.L.O.: 20 3/8" X 78 1/2"
7. SIDELITE PANEL D.L.O.: 12 3/8" X 78 3/8"
8. DIRECT SET D.L.O.: 18 5/8" X 93 25/32"

SINGLE DOOR W/ STD SIDELITE AND TRANSOM

EXTERIOR VIEW
OX SHOWN XO ALSO APPROVED

DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3

SINGLE DOOR W/ DIRECT SET SIDELITE AND TRANSOM

EXTERIOR VIEW
OX SHOWN XO ALSO APPROVED

WITH PANOLOCK MULTI-POINT

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3

SIGNED: 09/10/2026

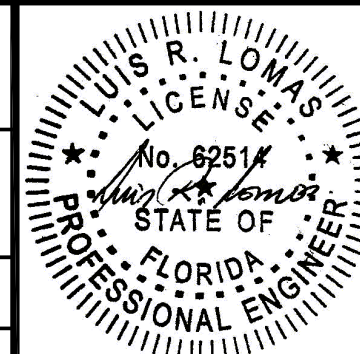
PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM - IMPACT
ELEVATION AND APPROVED CONFIGURATIONS

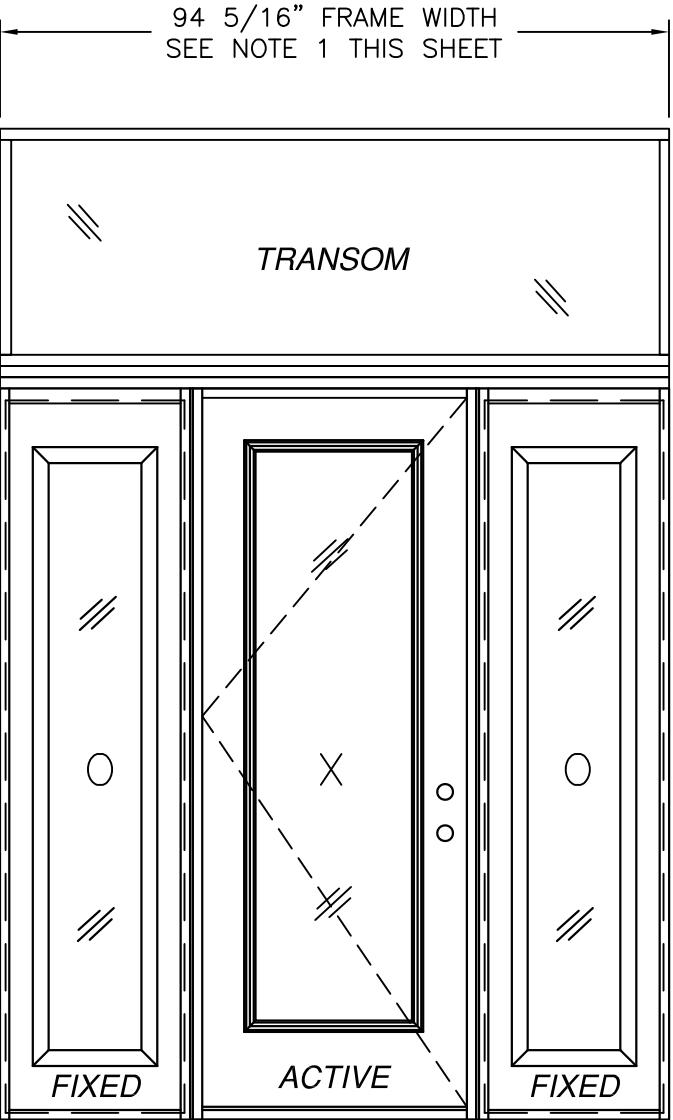
DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 2 OF 15

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



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.



1 3/4" MULLION MINIMUM
SEE DETAIL D
SHEET 12

1 3/4" MULLION MINIMUM
SEE DETAIL D
SHEET 12

- NOTES:
1. MAXIMUM ALLOWED BUILD UP TO BE 7"
 2. IF SIDELITE WIDTH IS 16" OR LESS NO VERTICAL MULLION IS REQUIRED.
 3. IF TRANSOM HEIGHT IS 16" OR LESS NO HORIZONTAL MULLION IS REQUIRED.
 4. DOOR PANEL SIZE: 35 3/4" X 94 15/16"
 5. SIDELITE PANEL SIZE: 23 7/8" X 95 1/8"
 6. DOOR PANEL D.L.O.: 20 3/8" X 78 1/2"
 7. SIDELITE PANEL D.L.O.: 12 3/8" X 78 3/8"
 8. DIRECT SET D.L.O.: 18 5/8" X 93 25/32"

3/8" MULLION MINIMUM
SEE NOTES 1 AND 2
THIS SHEET & DETAILS A & C
SHEET 12

3/8" MULLION MINIMUM
SEE NOTES 1 AND 2
THIS SHEET & DETAILS A & C
SHEET 12

3/8" MULLION MINIMUM
SEE NOTES 1 AND 2
THIS SHEET & DETAILS A & C
SHEET 12

3/8" MULLION MINIMUM
SEE NOTES 1 AND 2
THIS SHEET & DETAILS A & C
SHEET 12

SINGLE DOOR W/ STD SIDELITES AND TRANSOM
EXTERIOR VIEW

SINGLE DOOR W/ DIRECT SET SIDELITES AND TRANSOM
EXTERIOR VIEW

WITH PANOLOCK MULTI-POINT

DESIGN PRESSURE RATING	IMPACT RATING
±55.0PSF	LARGE MISSILE IMPACT

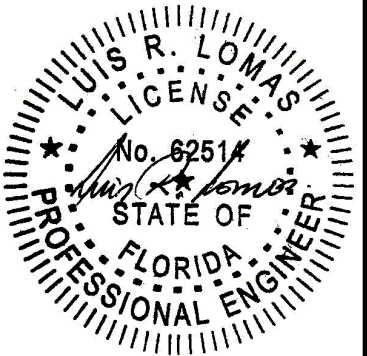
MISSILE LEVEL D, WIND ZONE 3

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE MISSILE IMPACT

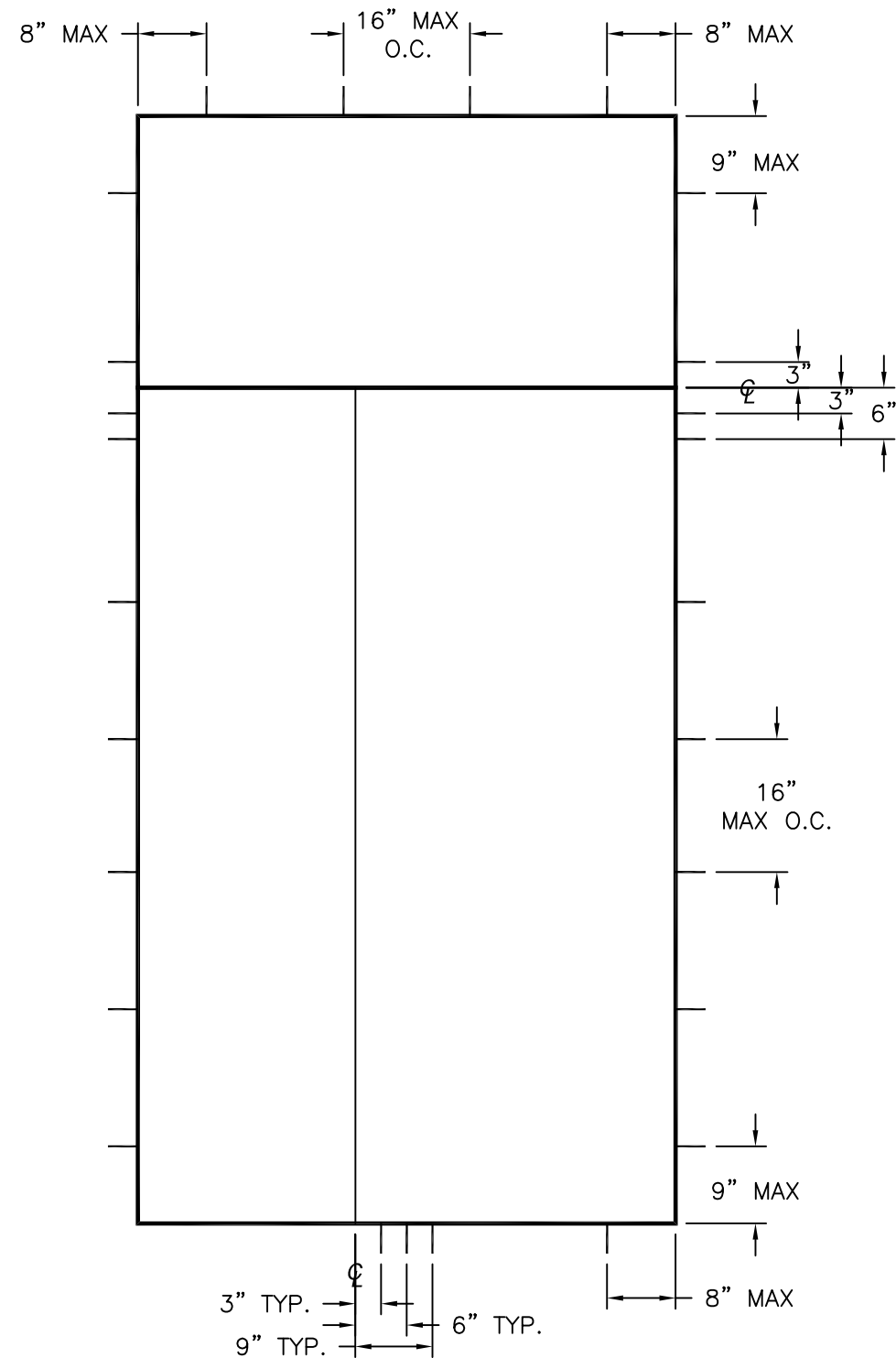
MISSILE LEVEL D, WIND ZONE 3

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
STEEL INSWING GLAZED SINGLE DOOR W/SIDELITES & TRANSOM – IMPACT ELEVATIONS AND APPROVED CONFIGURATIONS		
DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 3 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

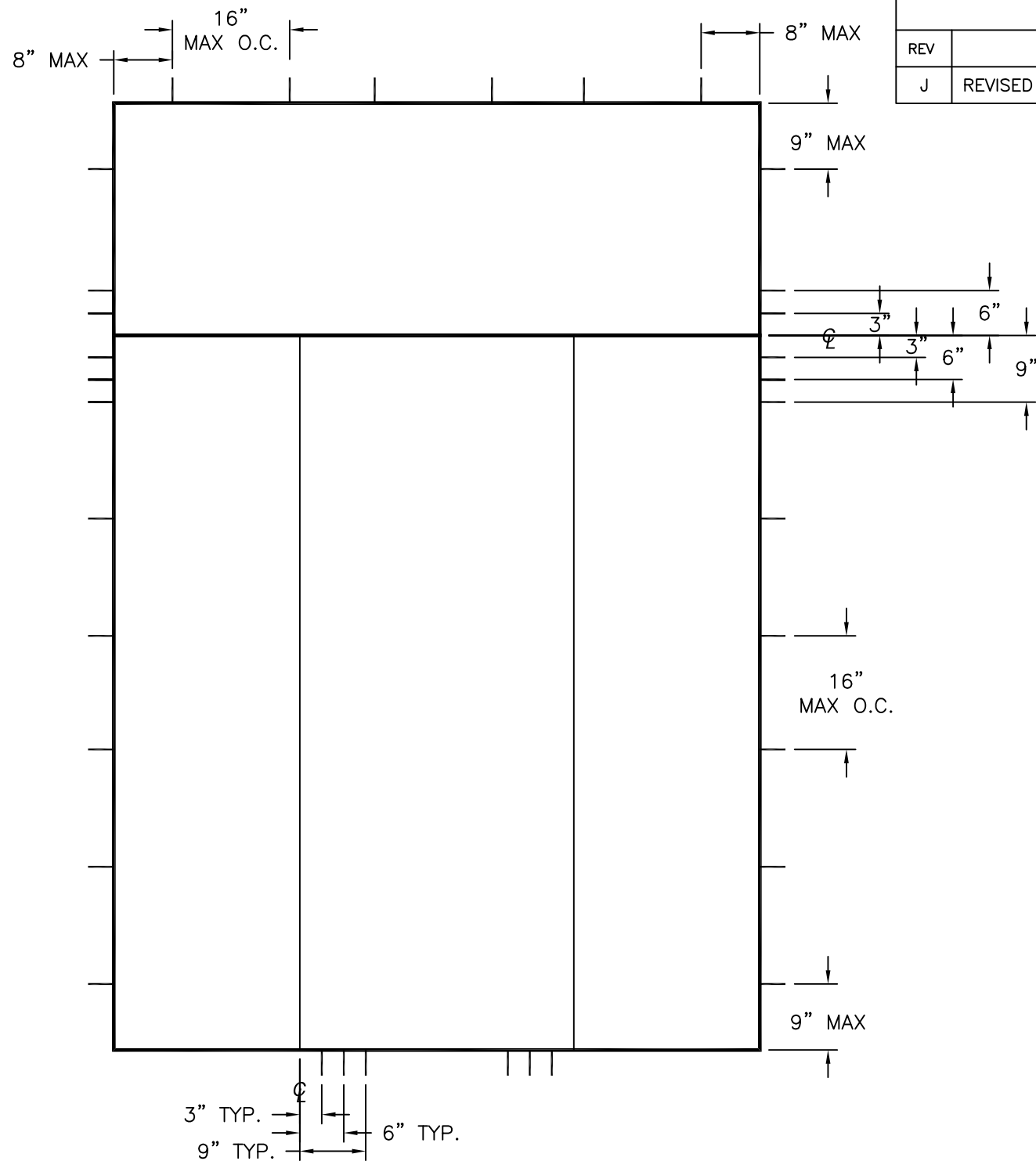
SIGNED: 09/10/2026



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



SINGLE W/SIDELITE AND TRANSOM



SINGLE W/SIDELITES AND TRANSOM

HARDWARE SCHEDULE	
A.	F-SERIES & FC-SERIES LOCK ASSEMBLY DOOR KNOB BY SCHLAGE
B.	B-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
C.	F-SERIES & FC-SERIES DEADBOLT ASSEMBLY BY SCHLAGE
D.	RESIDENTIAL GRADE DOOR HANDLE ASSEMBLY BY EMTEK (ALTERNATE)
E.	MULTI-POINT 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)

Anchors and anchor connectors corrosion resistance chart		
Exposure	Distance from coastal shoreline	
	0' up to 300'	>300' up to 3000'
Exterior - partially sheltered	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Exterior - open exposed	304 or A305 or 306 Stainless steel per ASTM A240	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-vented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S
Unconditioned interior-unvented enclosed	Galvanized per ASTM A153 class D or ASTM A641 class 3S	Galvanized per ASTM A153 class D or ASTM A641 class 3S

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.

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

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM – IMPACT
ANCHORING LAYOUTS

DRAWN:
V.L.

DWG NO.
08-01965

REV
J

SCALE
NTS

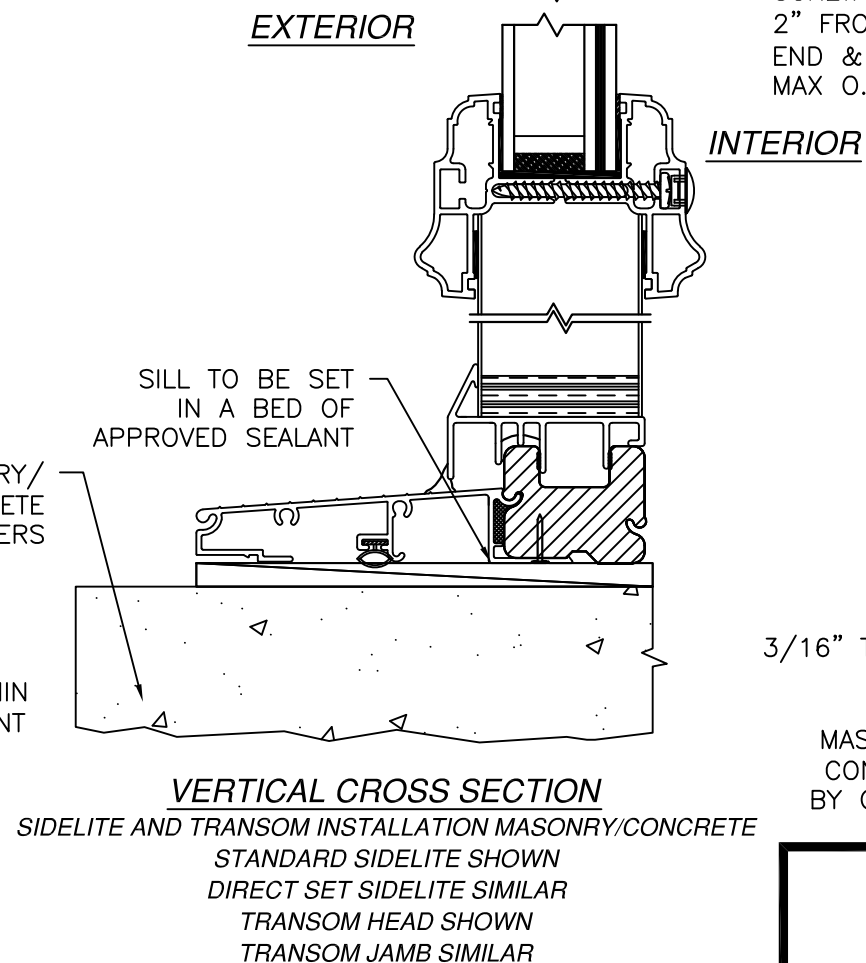
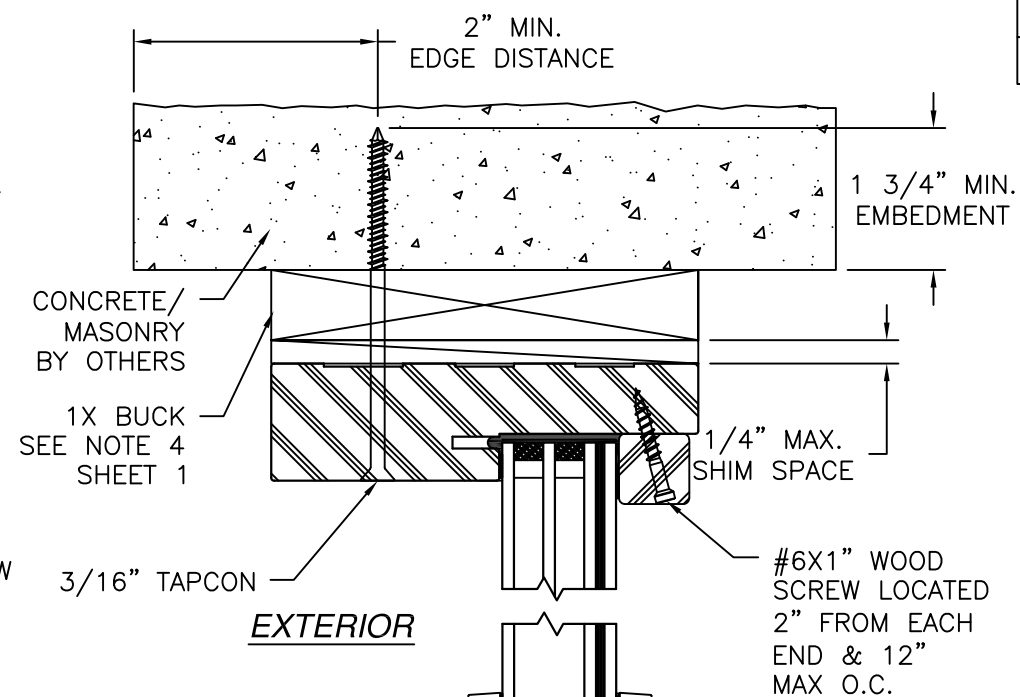
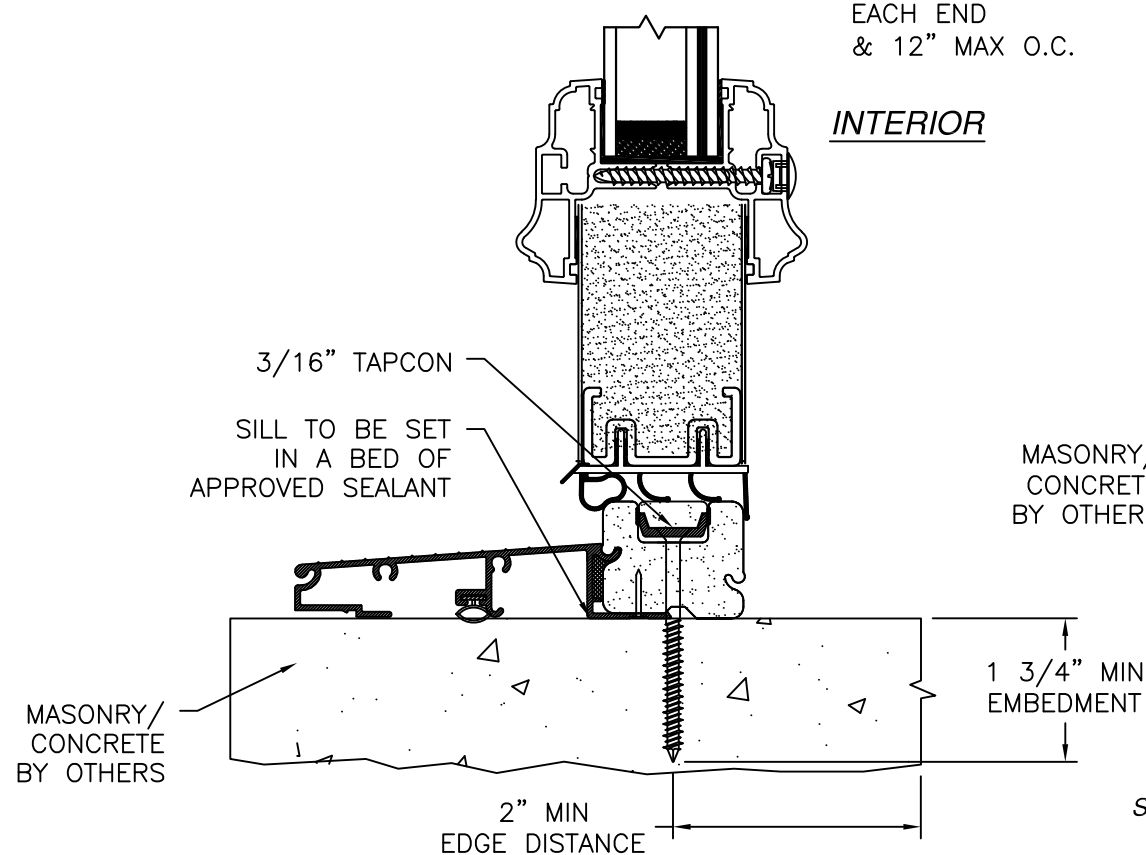
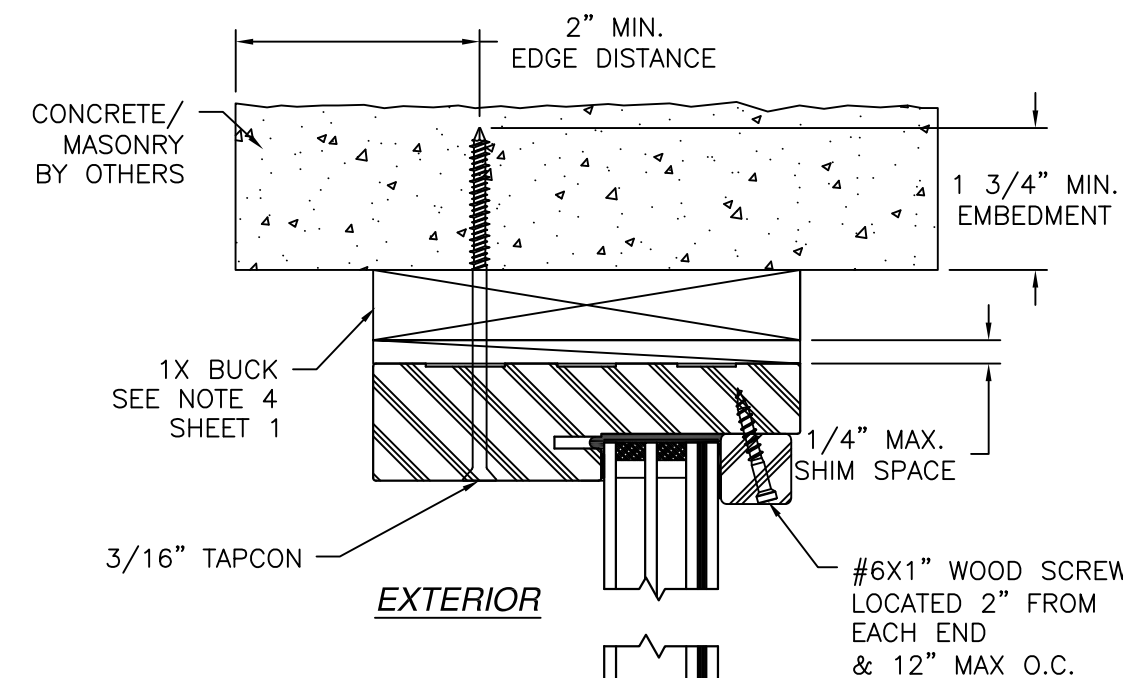
DATE
04/22/13

SHEET
4 OF 15

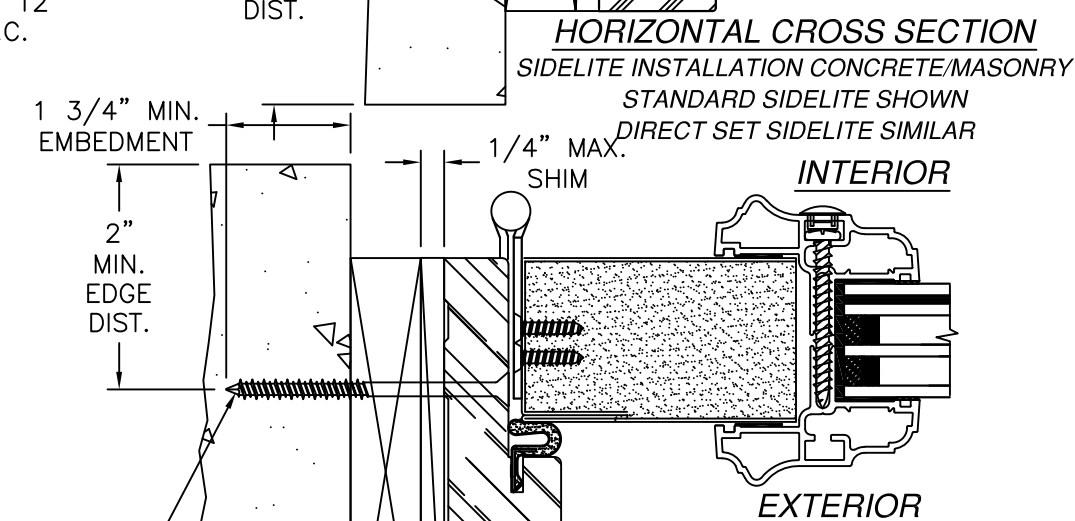
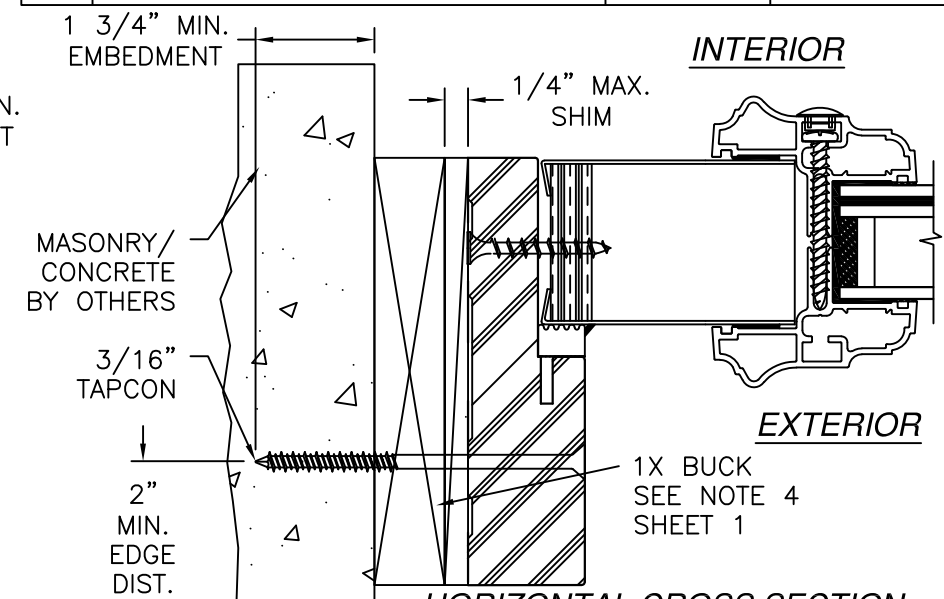
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/10/2026

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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.



- 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

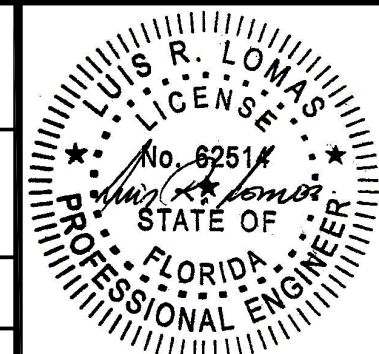
PROVIA, LLC.

2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM - IMPACT
INSTALLATION DETAILS

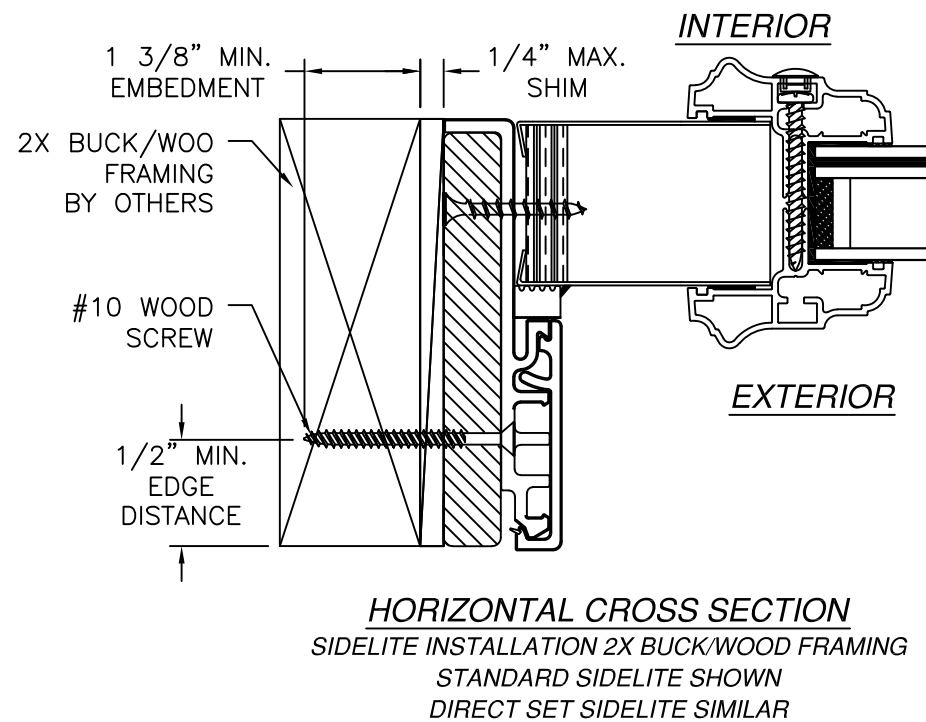
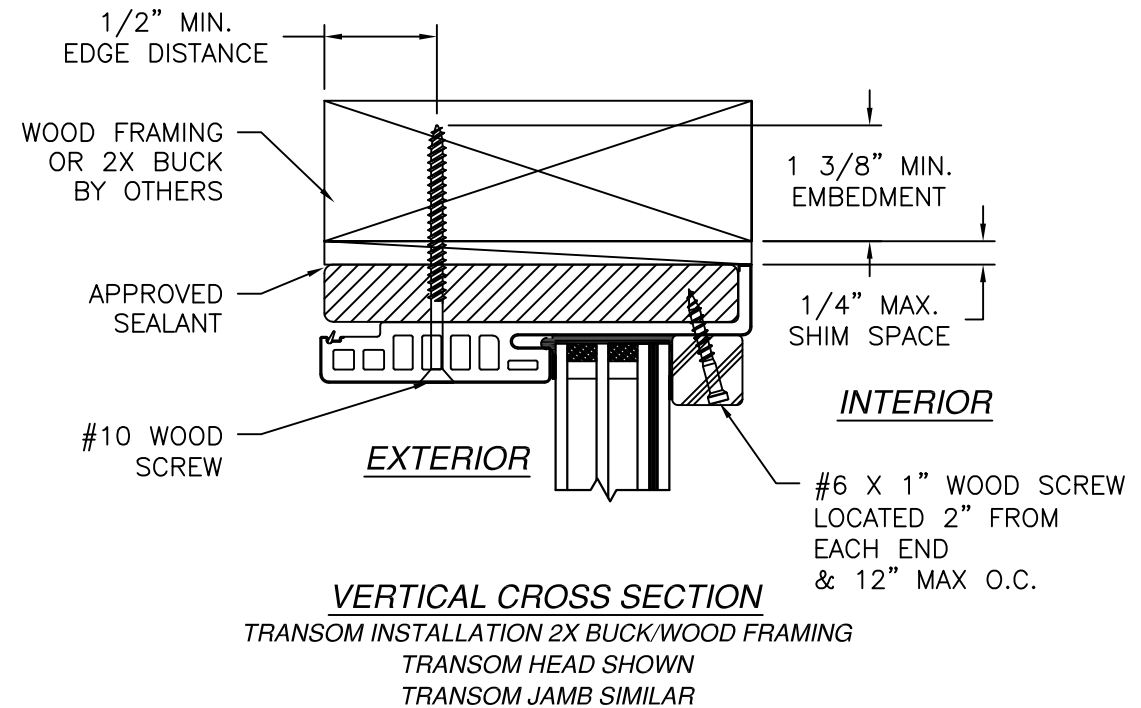
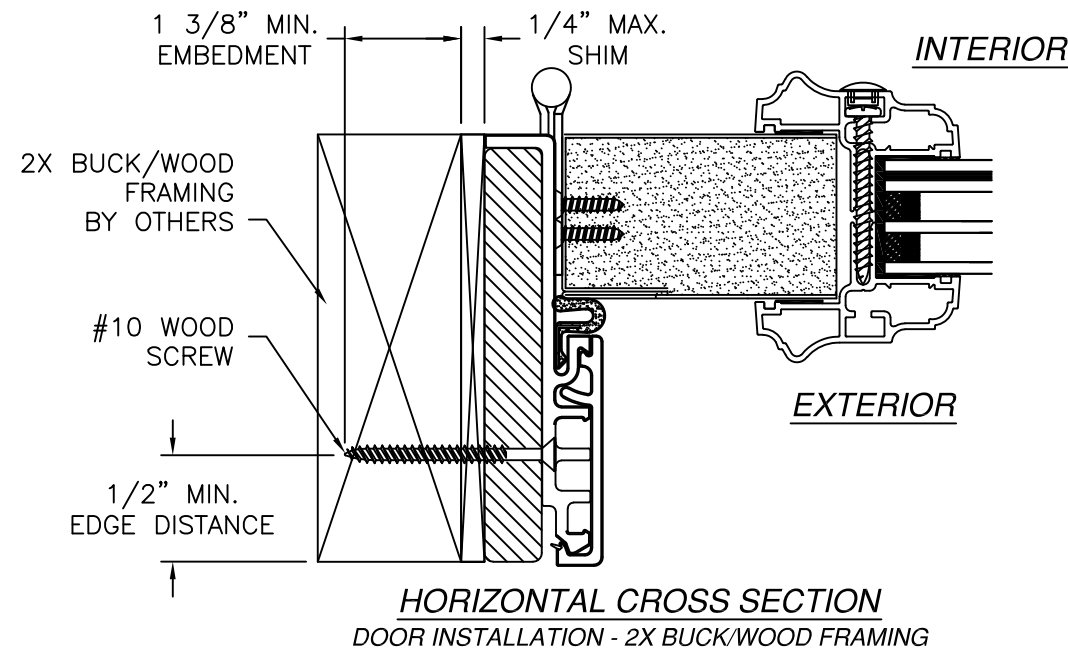
DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 7 OF 15

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

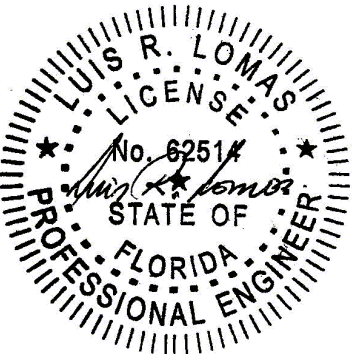
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.



- 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

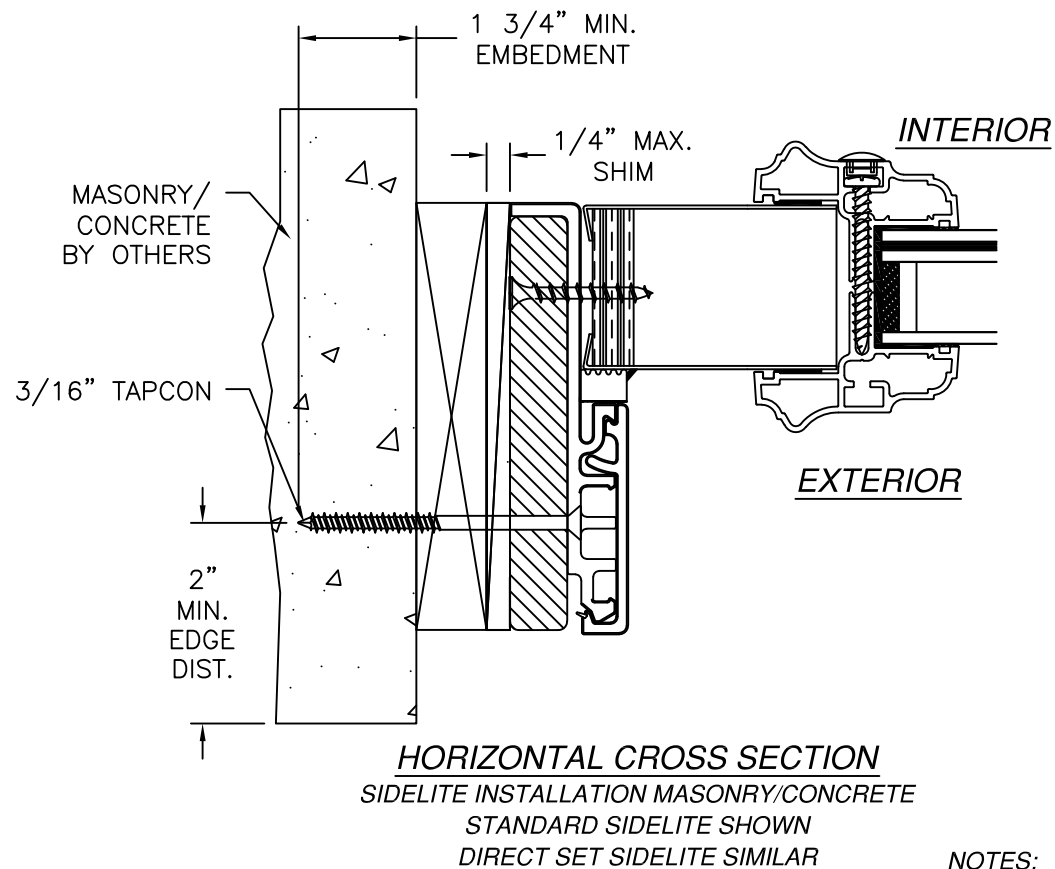
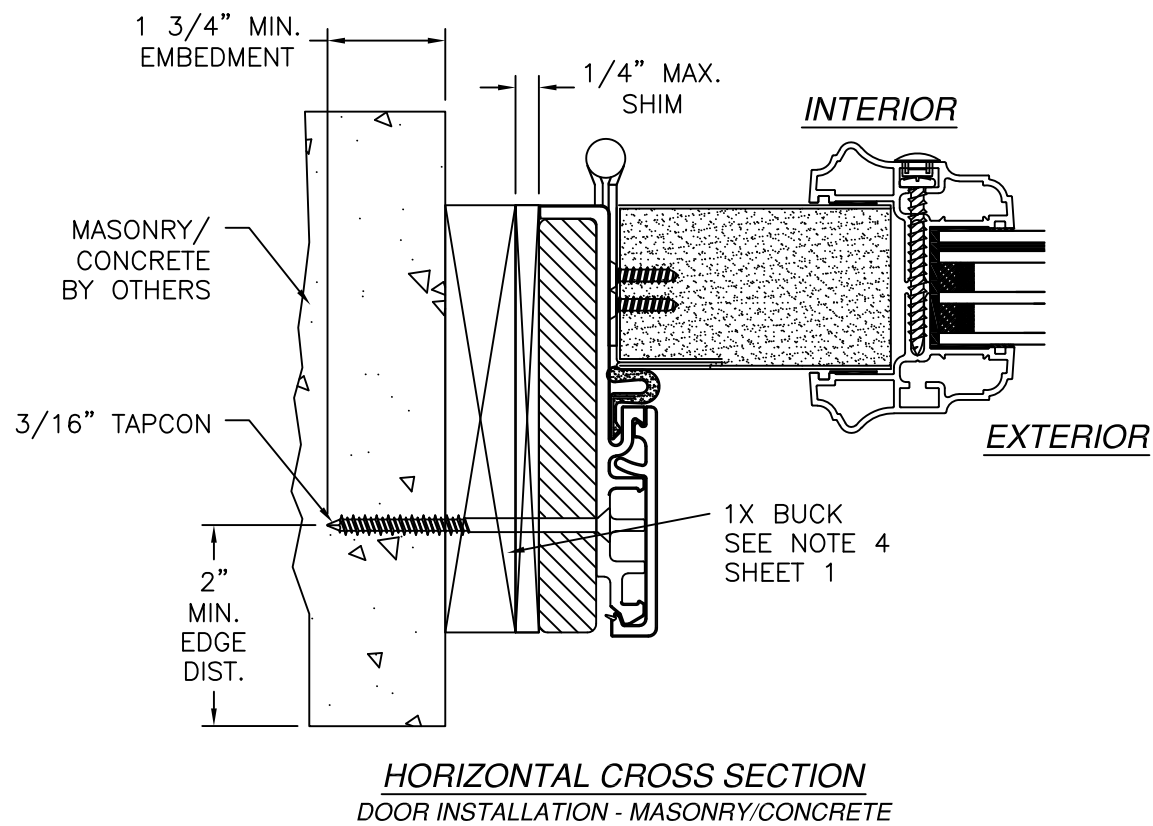
SIGNED: 09/10/2026

PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
STEEL INSWING GLAZED SINGLE DOOR W/SIDELITES & TRANSOM – IMPACT INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 8 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

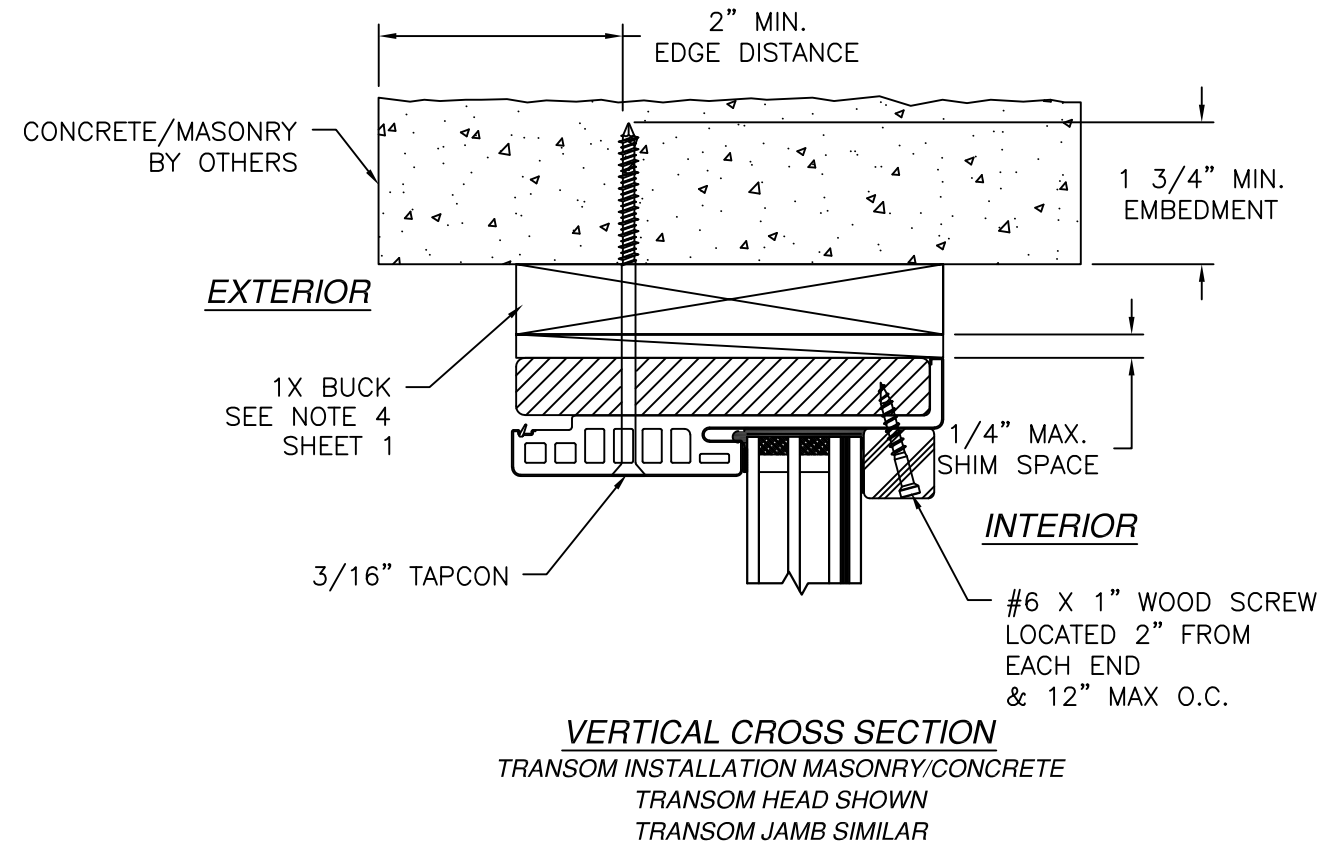


Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.

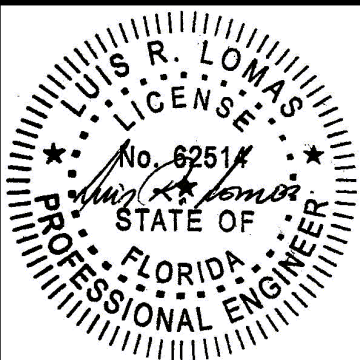


- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

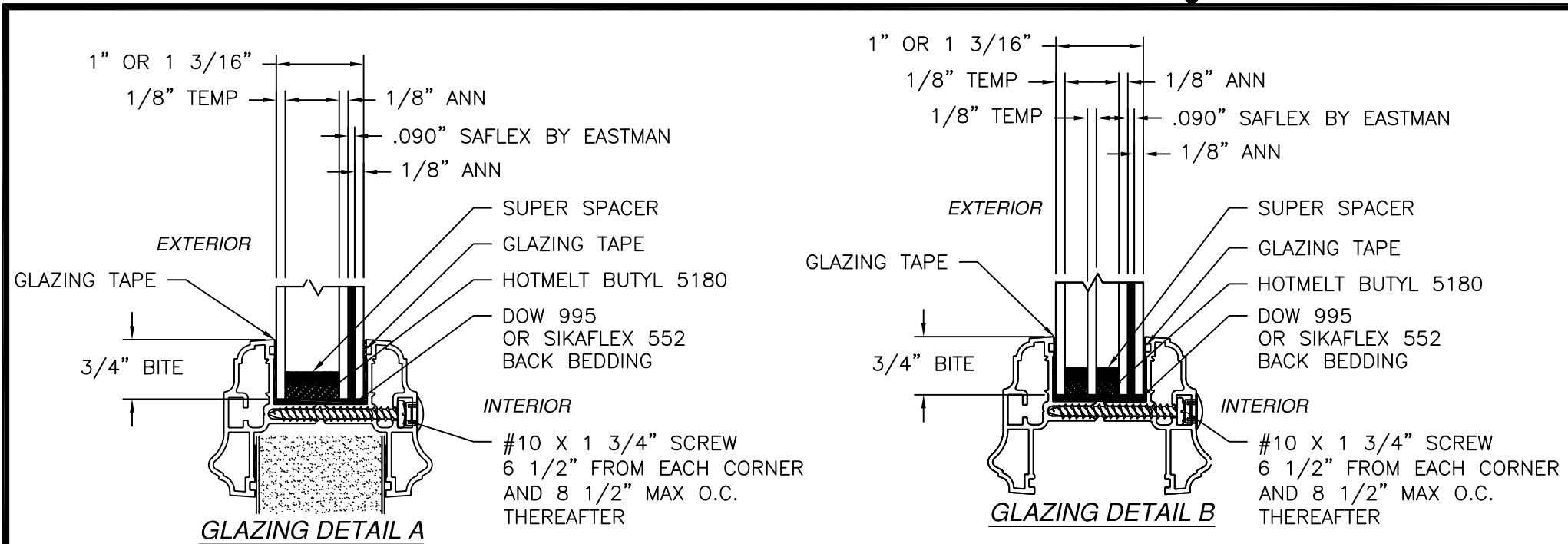


SIGNED: 09/10/2026

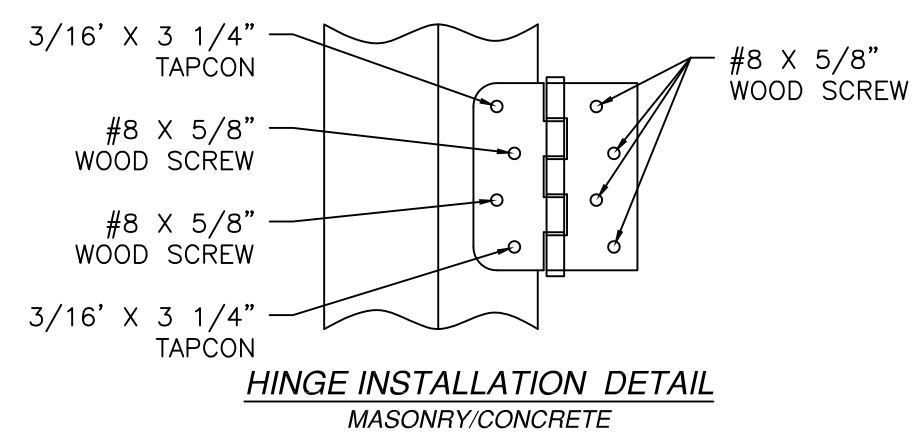
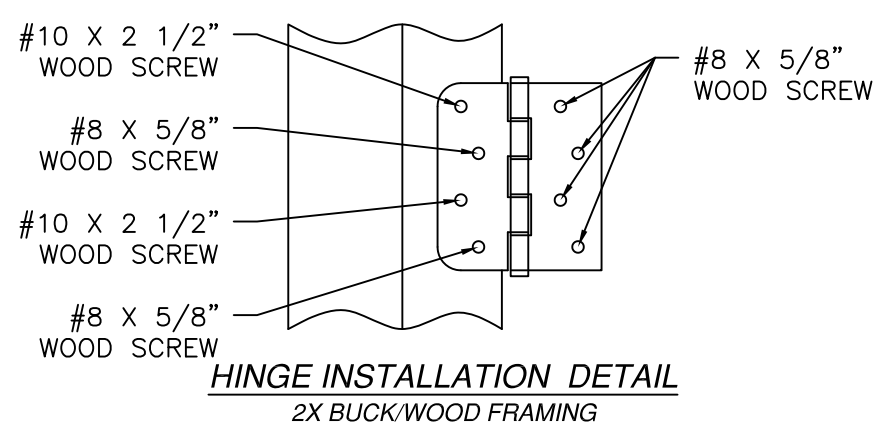
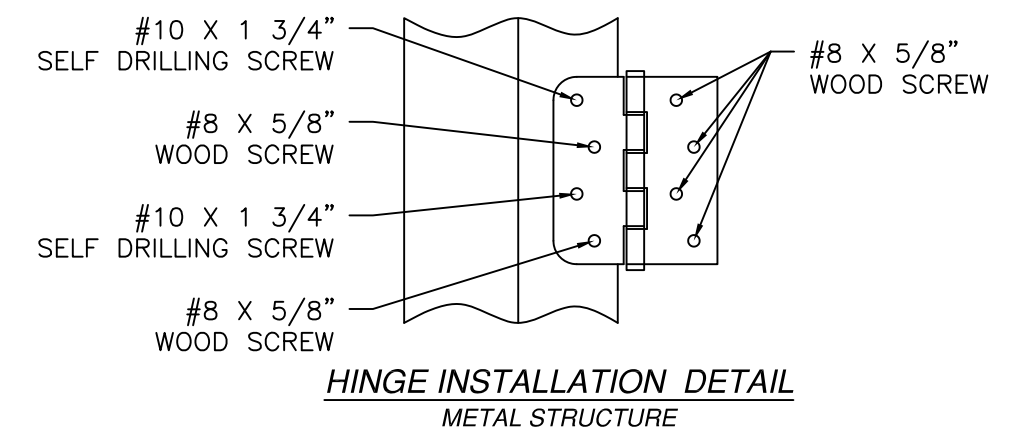
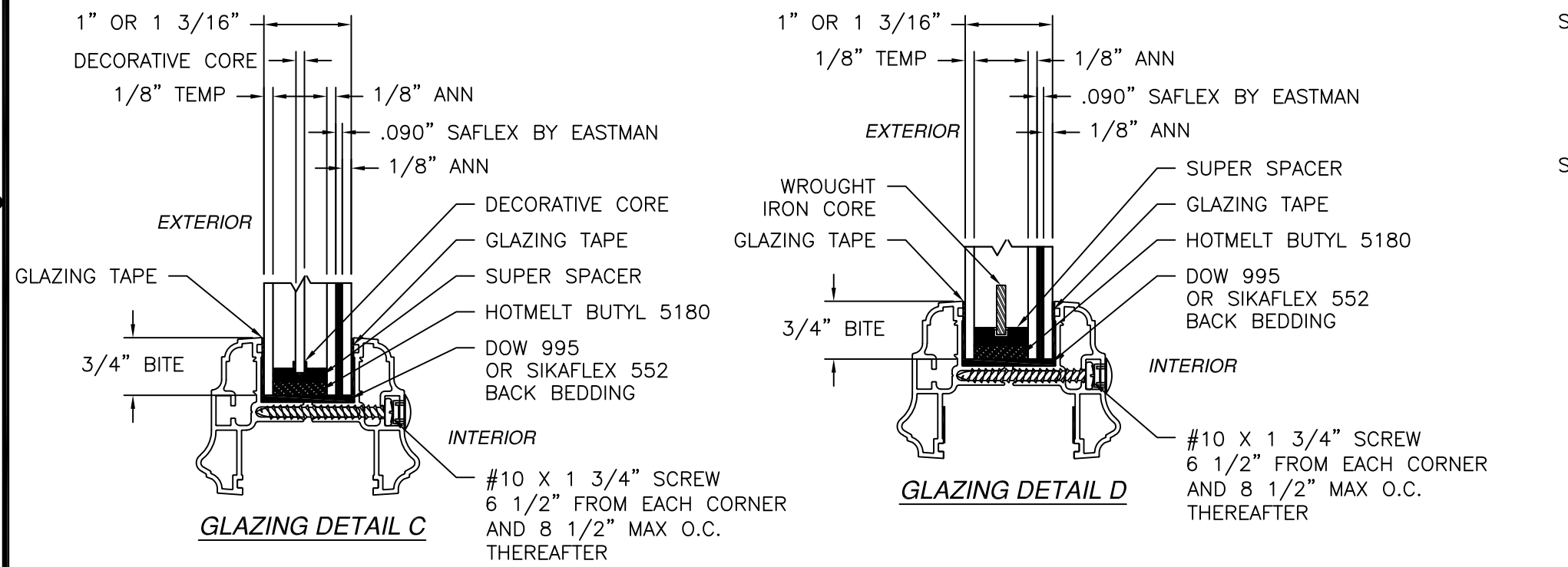
PROVIA, LLC. 2150 STATE ROUTE 39 WEST SUGARCREEK, OH 44681		
STEEL INSWING GLAZED SINGLE DOOR W/SIDELITES & TRANSOM - IMPACT INSTALLATION DETAILS W/FUSION FRAME		
DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 10 OF 15
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		



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



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.



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

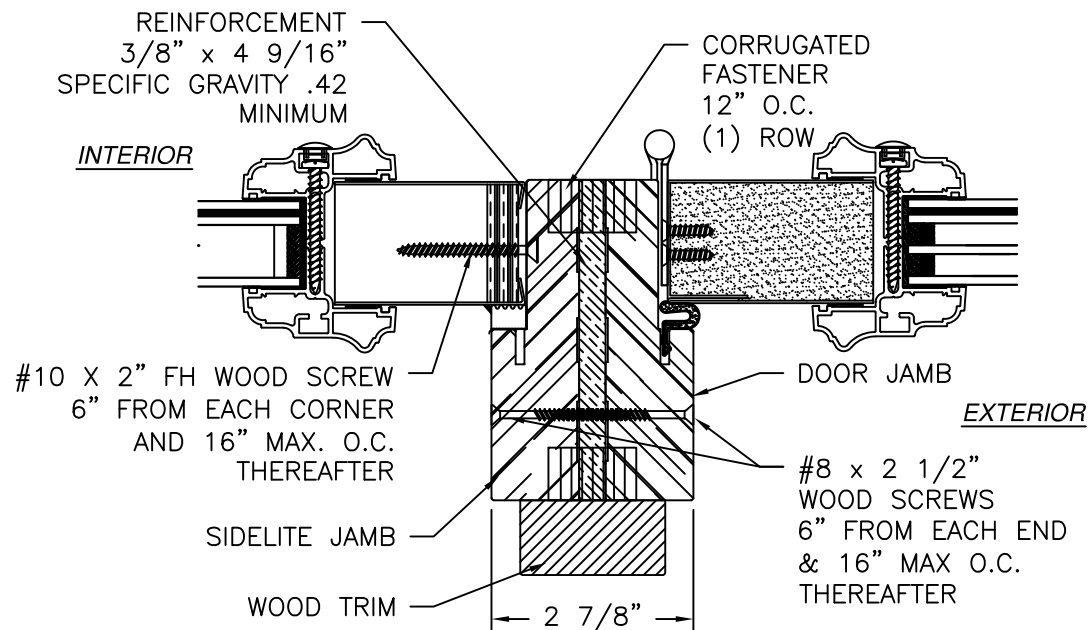
**STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM - IMPACT
GLAZING AND HINGES DETAILS**

DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 11 OF 15

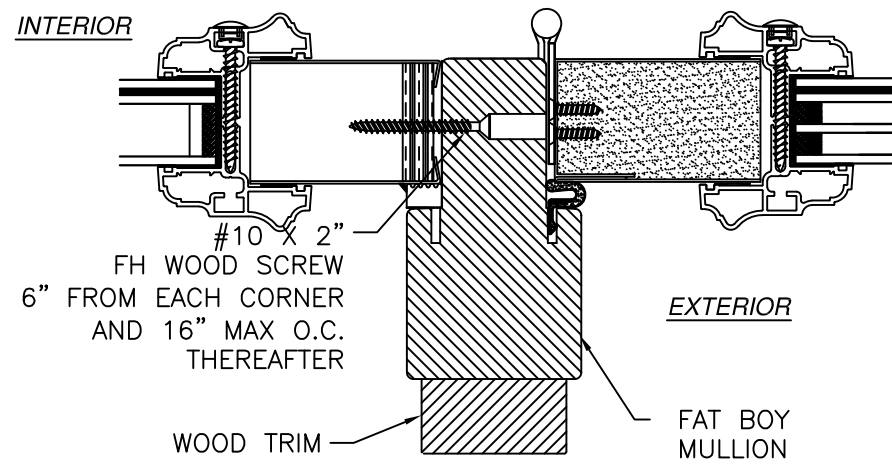
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 09/10/2026

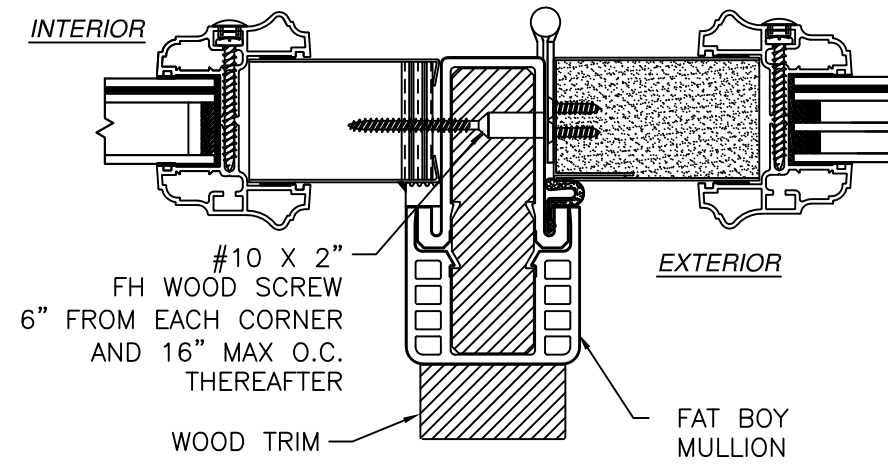
Luis R. Lomas P.E.
FL No.: 62514



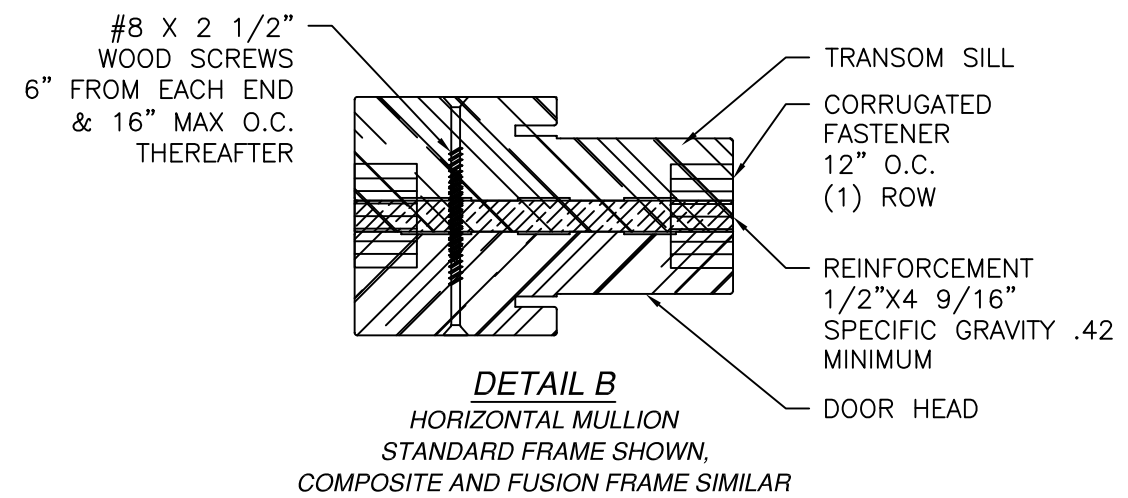
DETAIL A
VERTICAL MULLION
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR



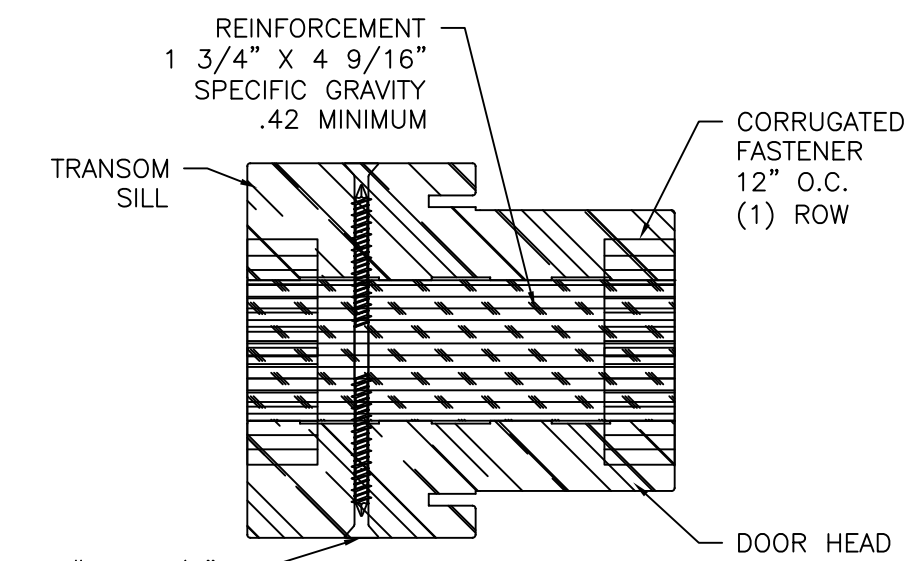
DETAIL C
WITH FAT BOY MULLION



DETAIL C
WITH HYBRID FAT BOY MULLION



DETAIL B
HORIZONTAL MULLION
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR



DETAIL D
HORIZONTAL MULLION
STANDARD FRAME SHOWN,
COMPOSITE AND FUSION FRAME SIMILAR

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.

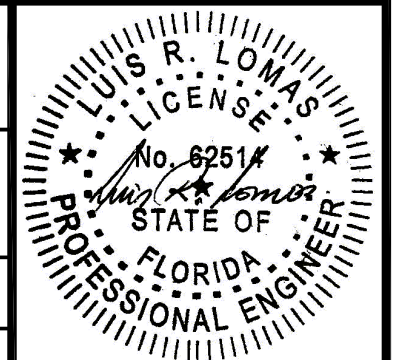
SIGNED: 09/10/2026

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

**STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM – IMPACT
MULLION DETAILS**

DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 12 OF 15

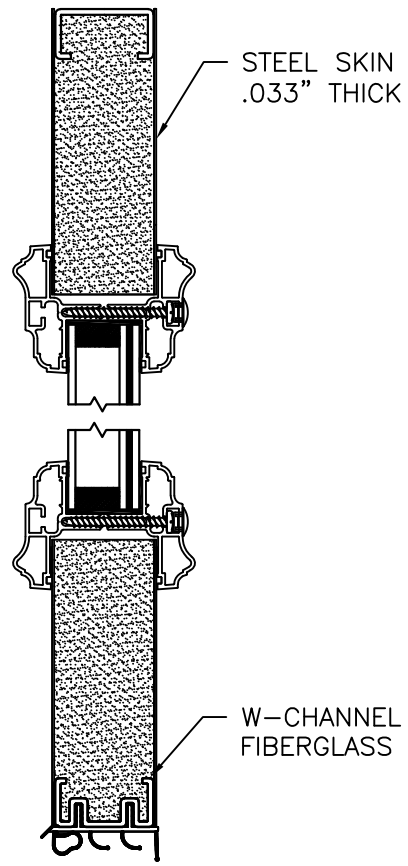
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



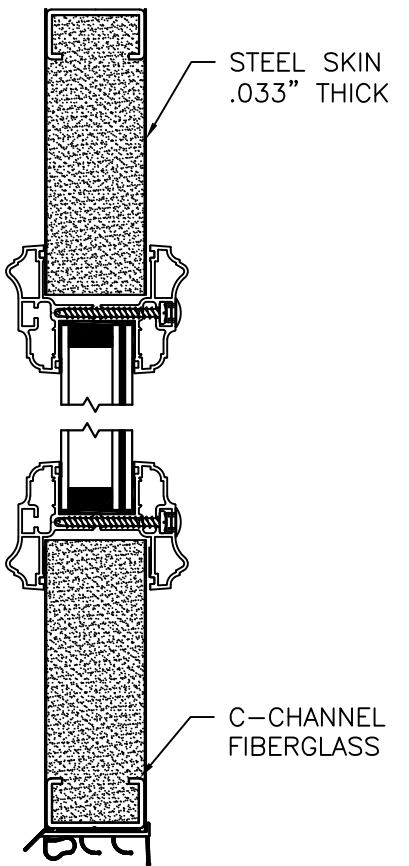
Luis R. Lomas P.E.
FL No.: 62514

APPROVED SLABS AND TRIMS

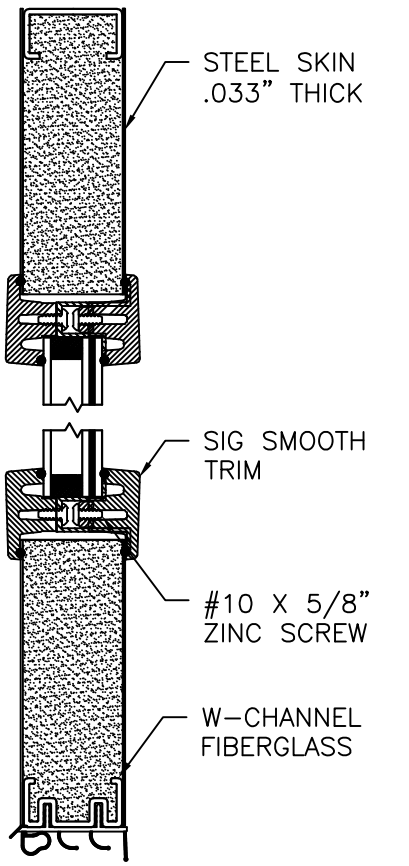
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.



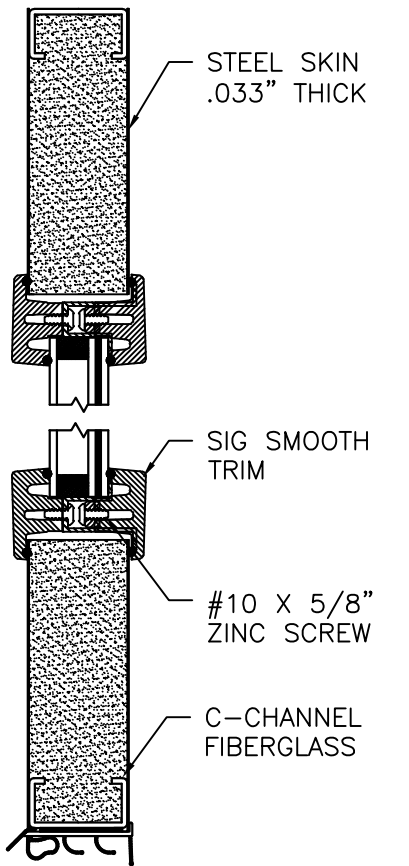
PANEL OPTION 1



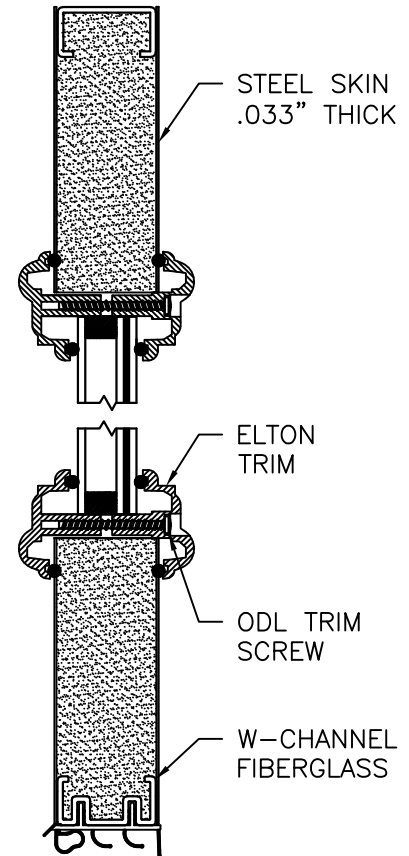
PANEL OPTION 2



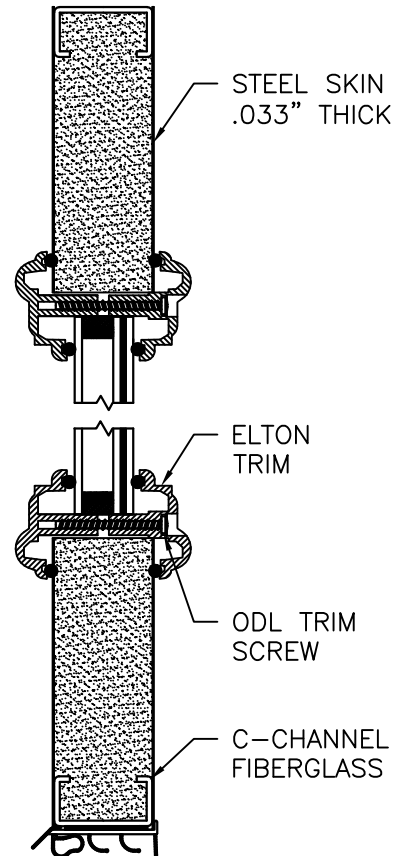
PANEL OPTION 3



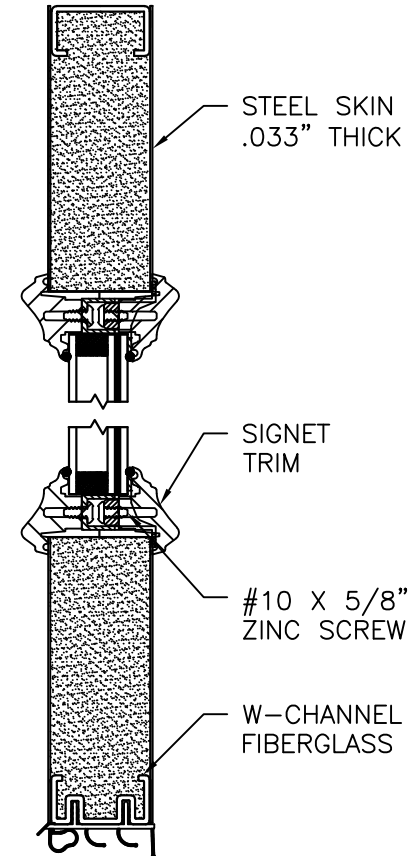
PANEL OPTION 4



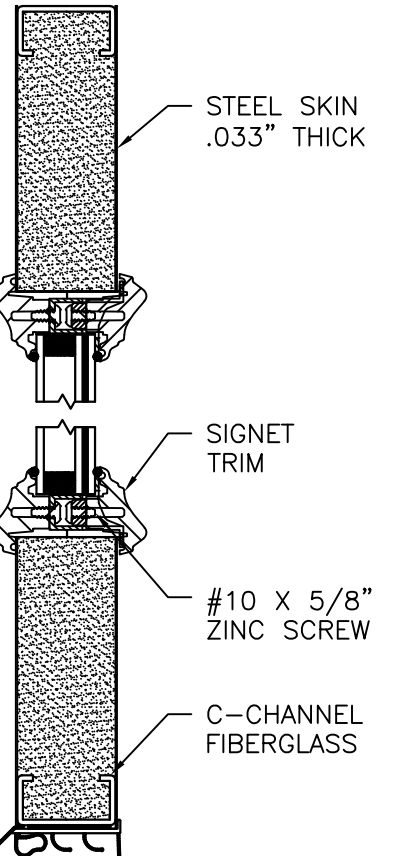
PANEL OPTION 9



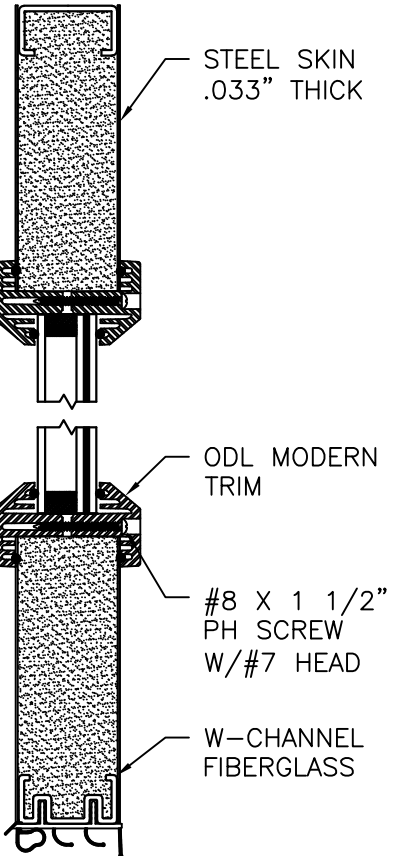
PANEL OPTION 10



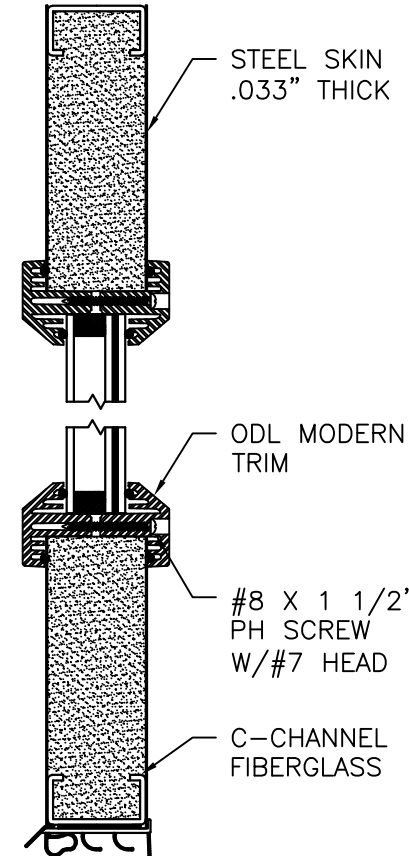
PANEL OPTION 5



PANEL OPTION 6



PANEL OPTION 7



PANEL OPTION 8

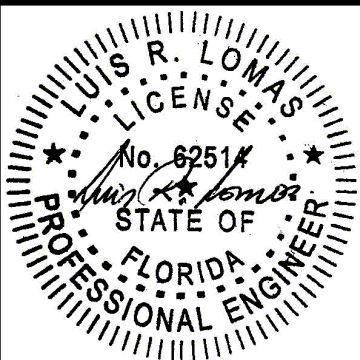
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM - IMPACT
APPROVED SLABS

DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 13 OF 15

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

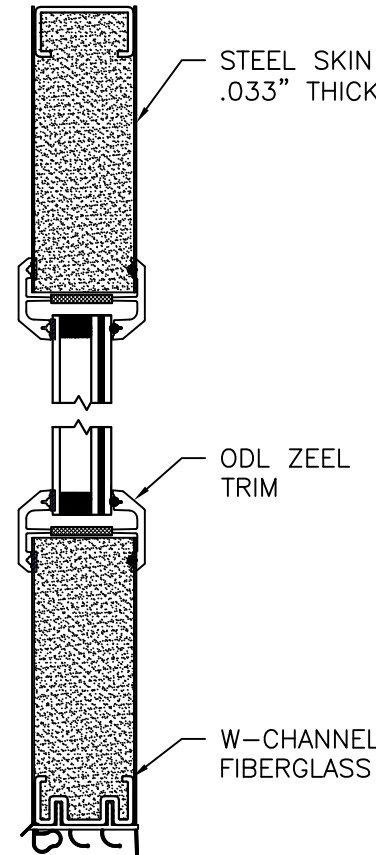
SIGNED: 09/10/2026



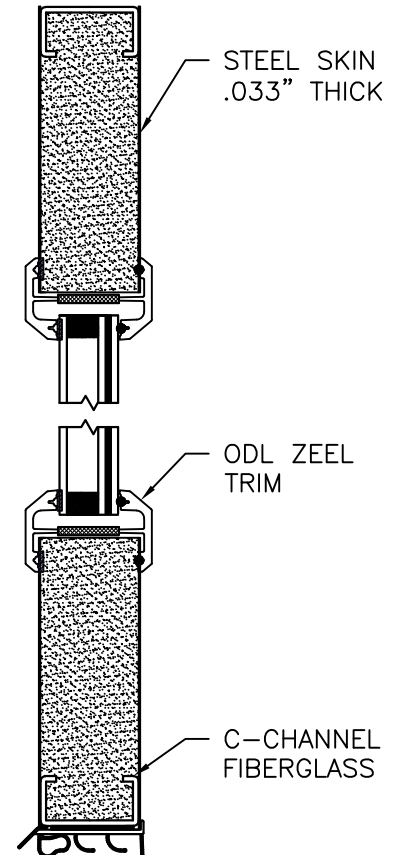
Luis R. Lomas P.E.
FL No.: 62514

APPROVED SLABS AND TRIMS

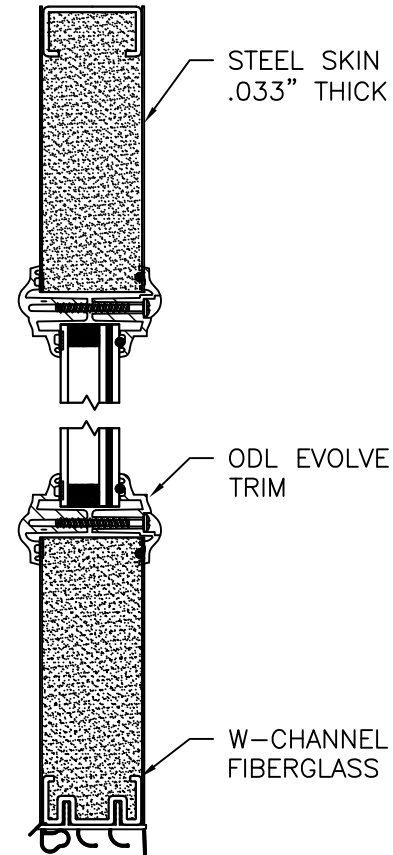
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.



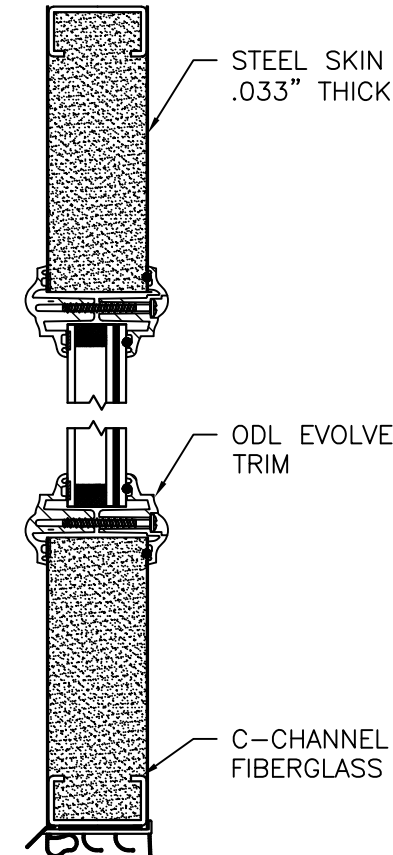
PANEL OPTION 11



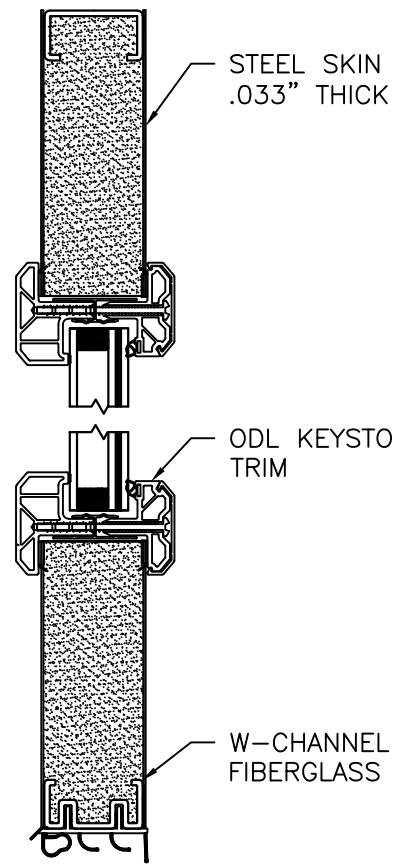
PANEL OPTION 12



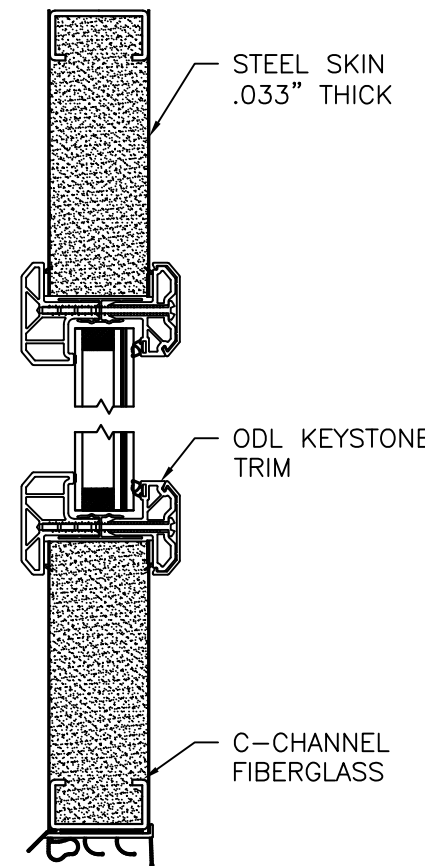
PANEL OPTION 13



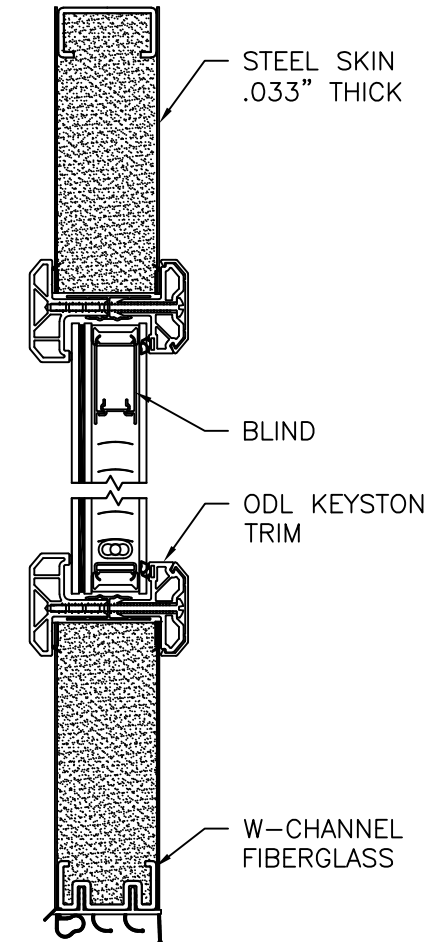
PANEL OPTION 14



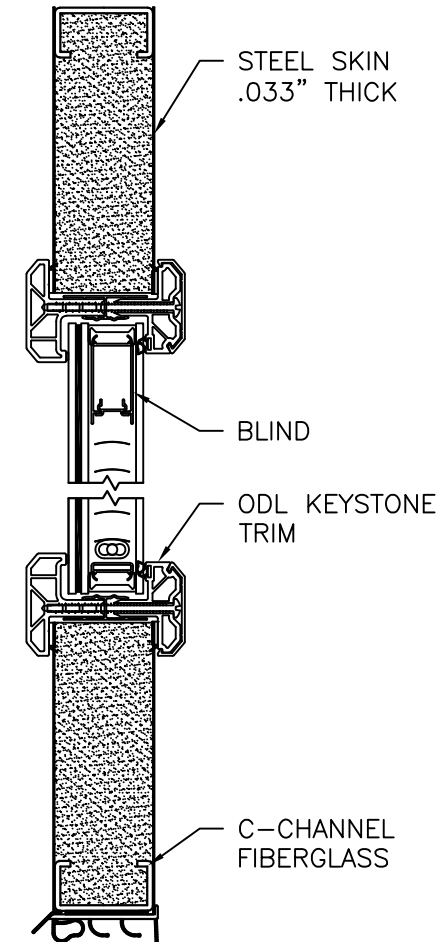
PANEL OPTION 17



PANEL OPTION 18



PANEL OPTION 15



PANEL OPTION 16

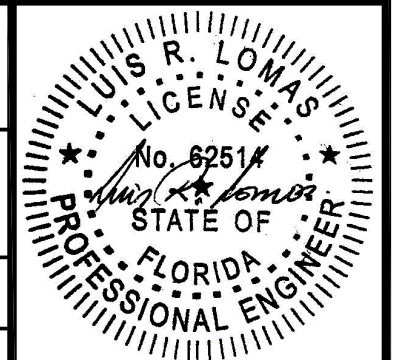
PROVIA, LLC.
2150 STATE ROUTE 39 WEST
SUGARCREEK, OH 44681

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM - IMPACT
APPROVED SLABS

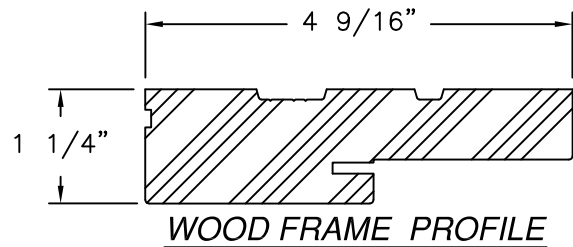
DRAWN: V.L.	DWG NO. 08-01965	REV J
SCALE NTS	DATE 04/22/13	SHEET 14 OF 15

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

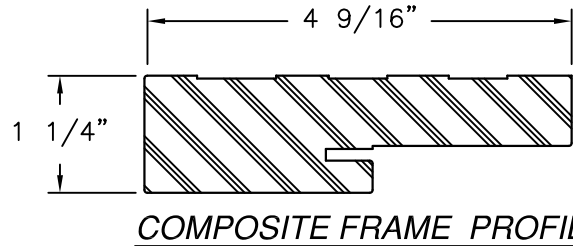
SIGNED: 09/10/2026



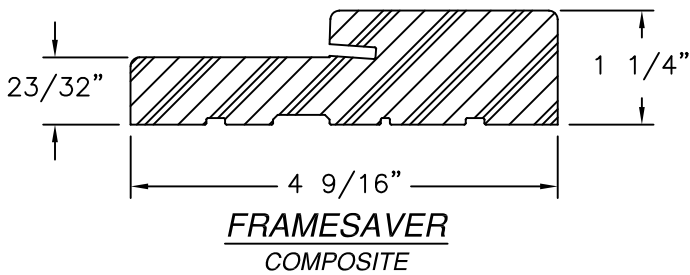
Luis R. Lomas P.E.
FL No.: 62514



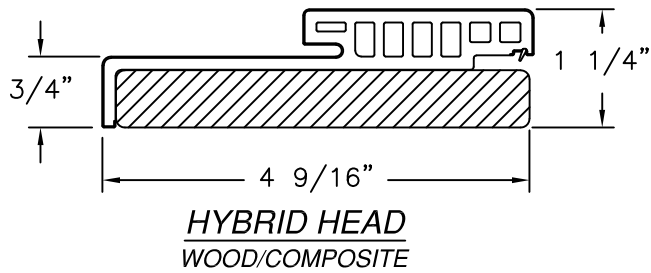
WOOD FRAME PROFILE



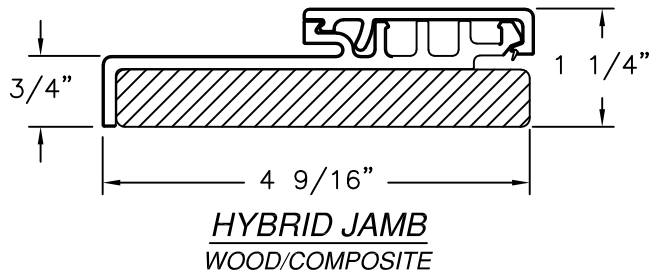
COMPOSITE FRAME PROFILE



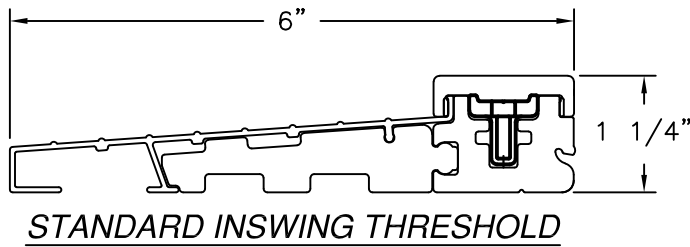
FRAMESAVER
COMPOSITE



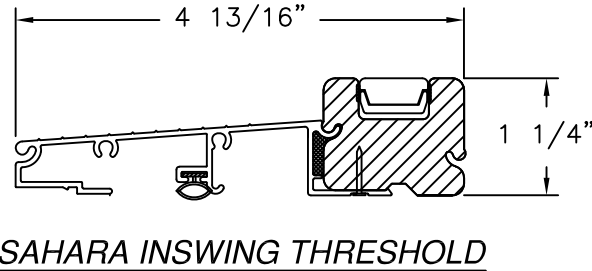
HYBRID HEAD
WOOD/COMPOSITE



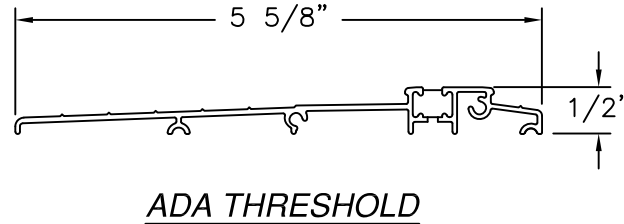
HYBRID JAMB
WOOD/COMPOSITE



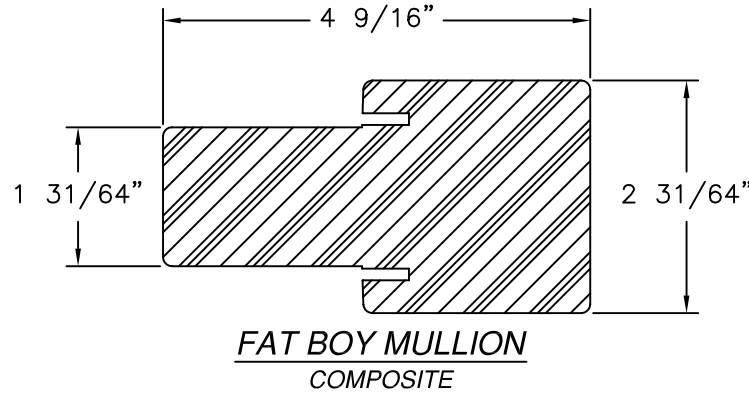
STANDARD INSWING THRESHOLD



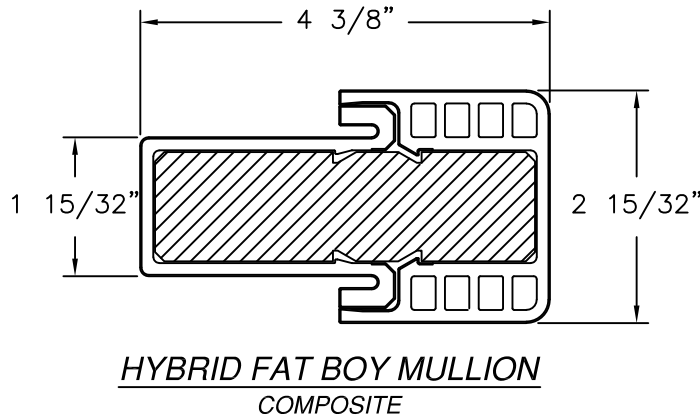
SAHARA INSWING THRESHOLD



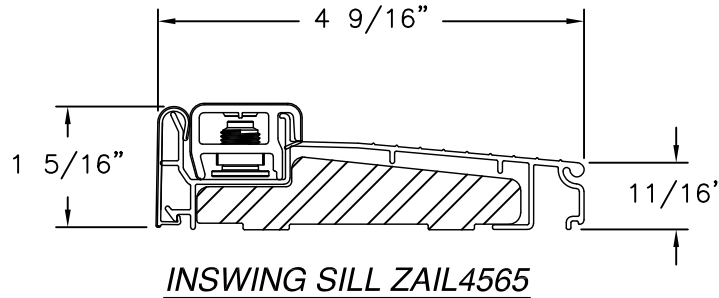
ADA THRESHOLD



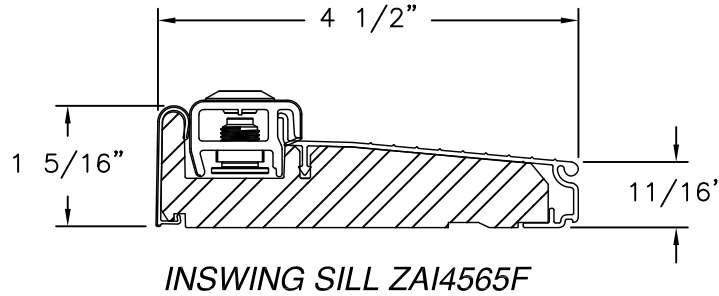
FAT BOY MULLION
COMPOSITE



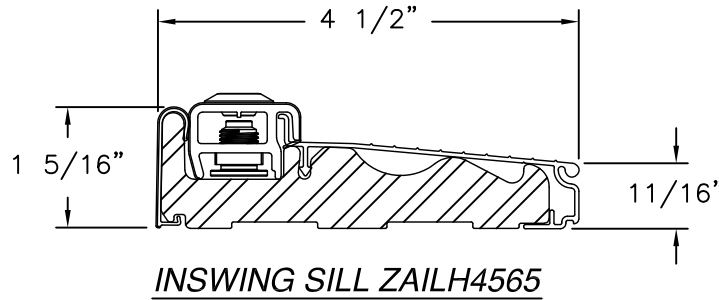
HYBRID FAT BOY MULLION
COMPOSITE



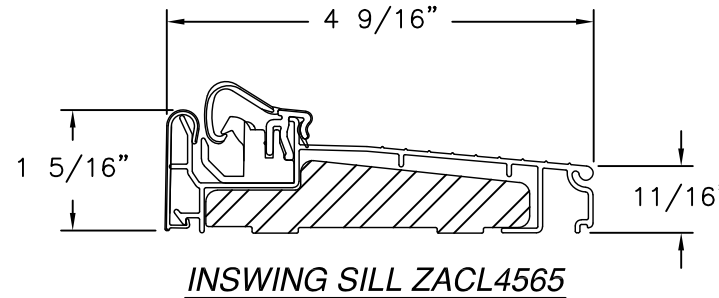
INSWING SILL ZAIL4565



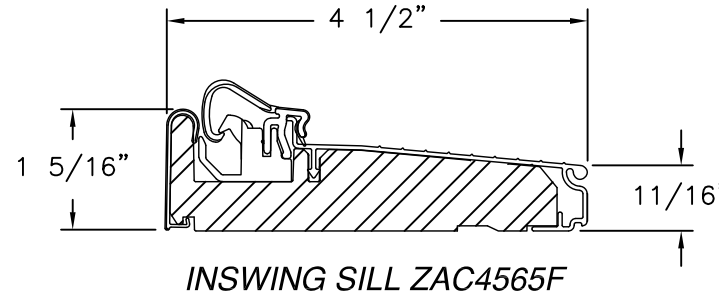
INSWING SILL ZAI4565F



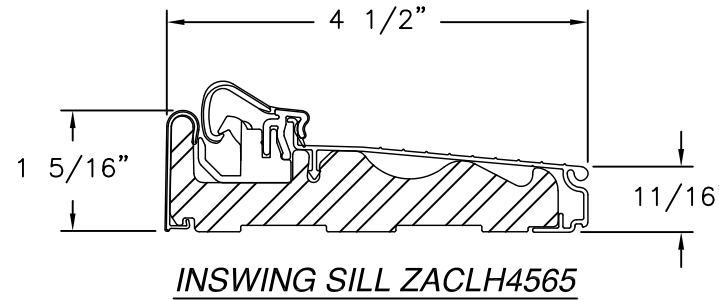
INSWING SILL ZAILH4565



INSWING SILL ZACL4565



INSWING SILL ZAC4565F



INSWING SILL ZACLH4565

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	REVISED HARDWARE SCHEDULE	09/10/26	R.L.

SIGNED: 09/10/2026

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

STEEL INSWING GLAZED SINGLE DOOR
W/SIDELITES & TRANSOM - IMPACT
COMPONENTS

DRAWN:
V.L.

DWG NO.
08-01965

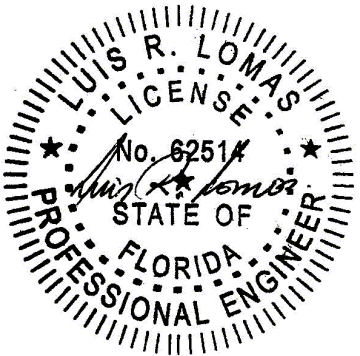
REV
J

SCALE NTS

DATE 04/22/13

SHEET 15 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