

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | 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) AND FIBERGLASS .085” THICK (MINIMUM)  
SIDELITE SKIN MATERIAL: STEEL .022” THICK (MINIMUM)
7. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
8. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
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.

SIGNED: 11/27/2023

| TABLE OF CONTENTS |                                        |
|-------------------|----------------------------------------|
| SHEET NO.         | DESCRIPTION                            |
| 1                 | NOTES                                  |
| 2 – 4             | ELEVATIONS AND APPROVED CONFIGURATIONS |
| 5                 | ANCHORING LAYOUT                       |
| 6 – 12            | INSTALLATION DETAILS                   |
| 13 – 17           | COMPONENTS                             |

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
NOTES

DRAWN:  
N.G.

DWG NO.  
08-02079

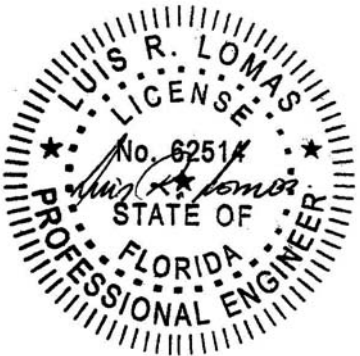
REV  
K

SCALE  
NTS

DATE  
06/19/13

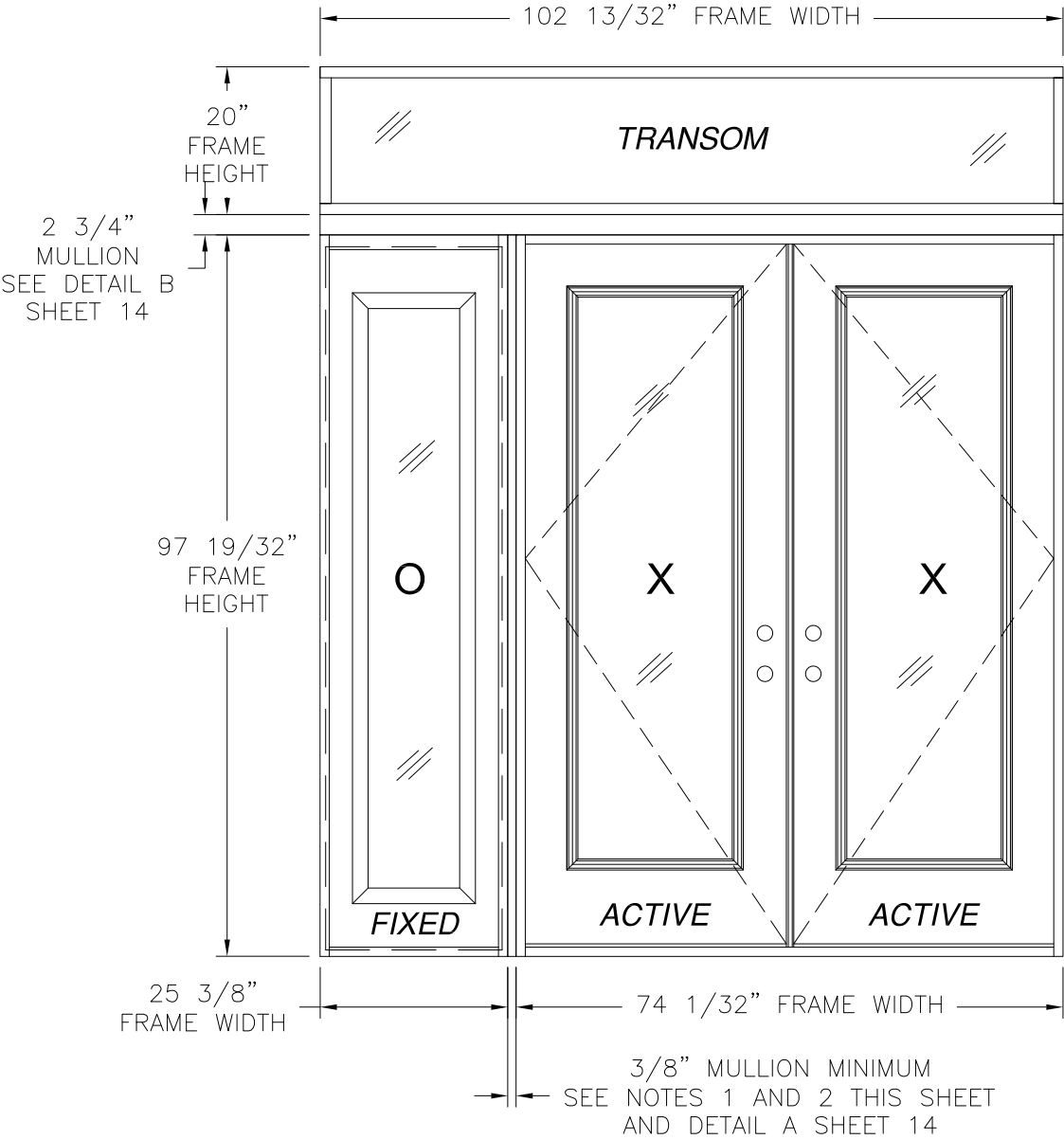
SHEET  
1 OF 18

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

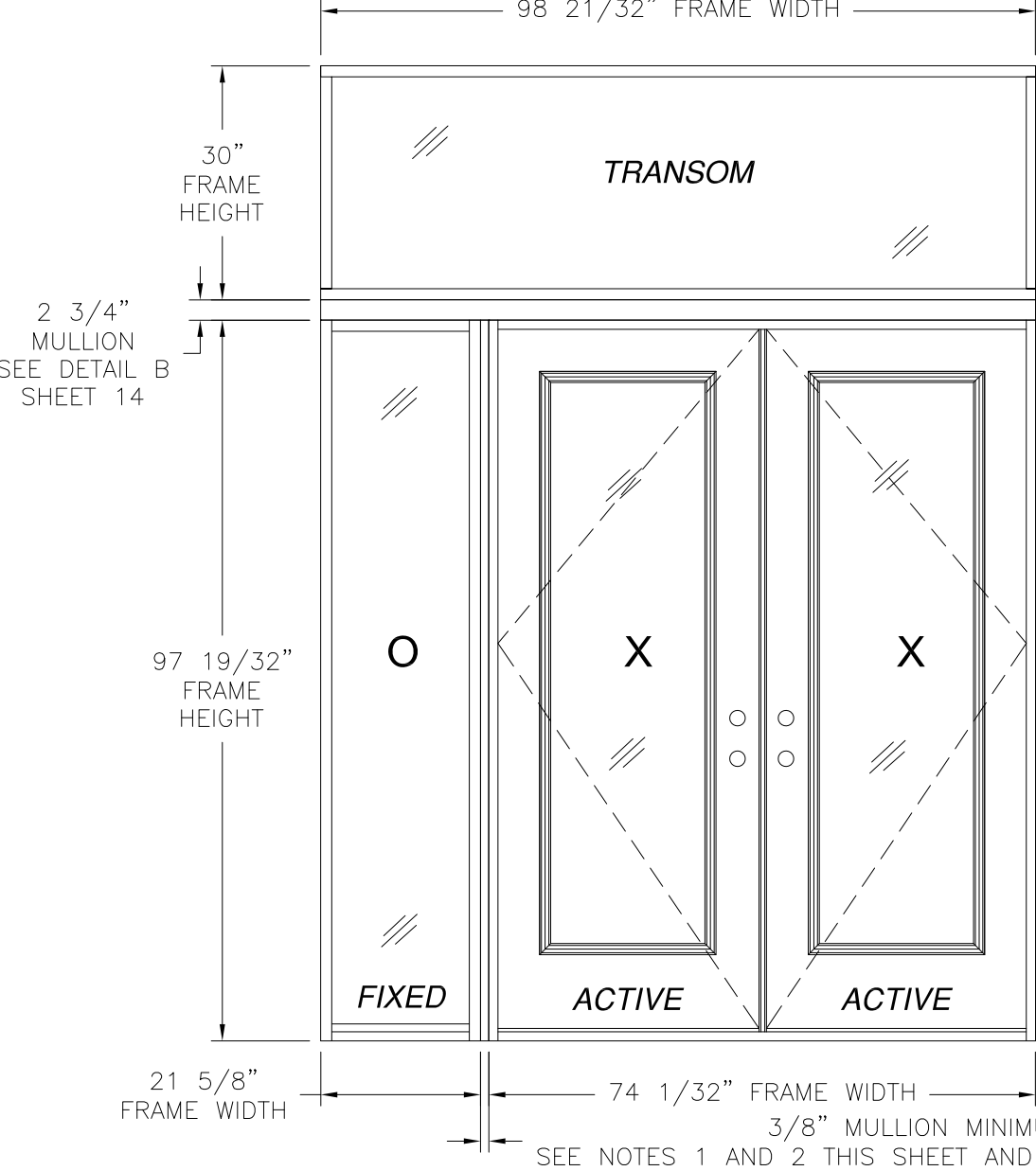


Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**DOUBLE W/ STD SIDELITE AND TRANSOM**  
EXTERIOR VIEW  
OXX SHOWN XXO ALSO APPROVED



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

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

WITH STEEL SLAB

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| <b>+48.0/-52.0</b>                                                                                                   | <b>NONE</b>   |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH FIBERGLASS SLAB

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| <b>±50.0PSF</b>                                                                                                      | <b>NONE</b>   |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH STEEL SLAB AND PANOLOCK MULTI-POINT

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| <b>+48.0/-50.0</b>                                                                                                   | <b>NONE</b>   |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH FIBERGLASS SLAB AND PANOLOCK MULTI-POINT

- D.L.O. NOTES:
- DOOR D.L.O.: 20 3/8" X 78 1/2"
  - STD. SIDELITE D.L.O.: 12 3/8" X 78 3/8"
  - DIRECT SET SIDELITE D.L.O.: 18 5/8" X 93 3/4"
  - TRANSOM D.L.O. WIDTH: 127 25/32"
  - TRANSOM D.L.O. HEIGHT: 27"

- NOTES:
- MAXIMUM ALLOWED BUILDUP TO BE 3" AT VERTICAL MULLION.
  - IF SIDELITE WIDTH IS 16" OR LESS NO VERTICAL MULLION IS 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

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
ELEVATIONS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

DATE  
06/19/13

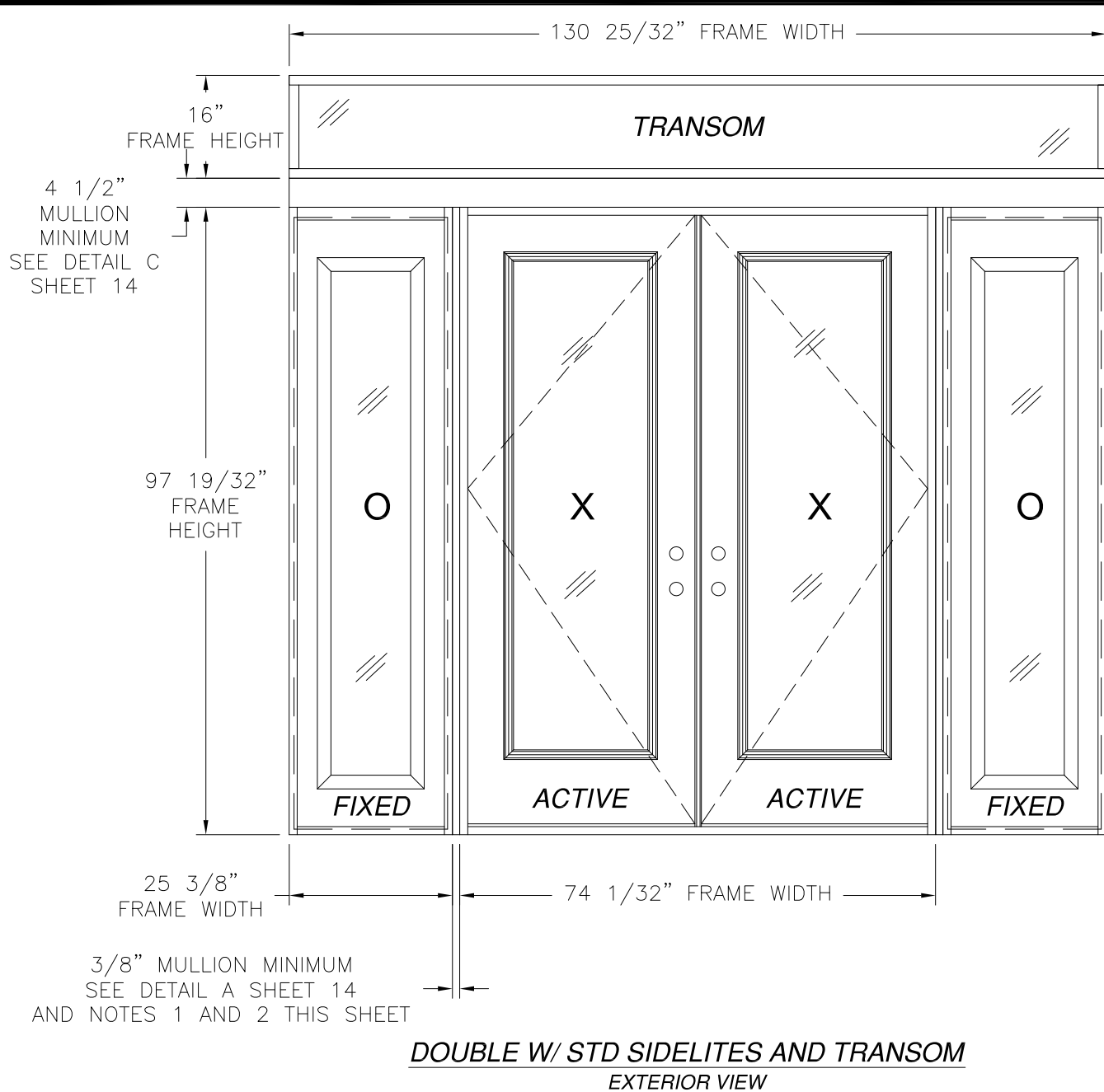
SHEET  
2 OF 18

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

SIGNED: 11/27/2023



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



DOUBLE W/ STD SIDELITES AND TRANSOM  
EXTERIOR VIEW

| 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 |               |

WITH STEEL SLAB

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| +48.0/-52.0                                                                                                          | NONE          |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH FIBERGLASS SLAB

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| ±50.0PSF                                                                                                             | NONE          |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

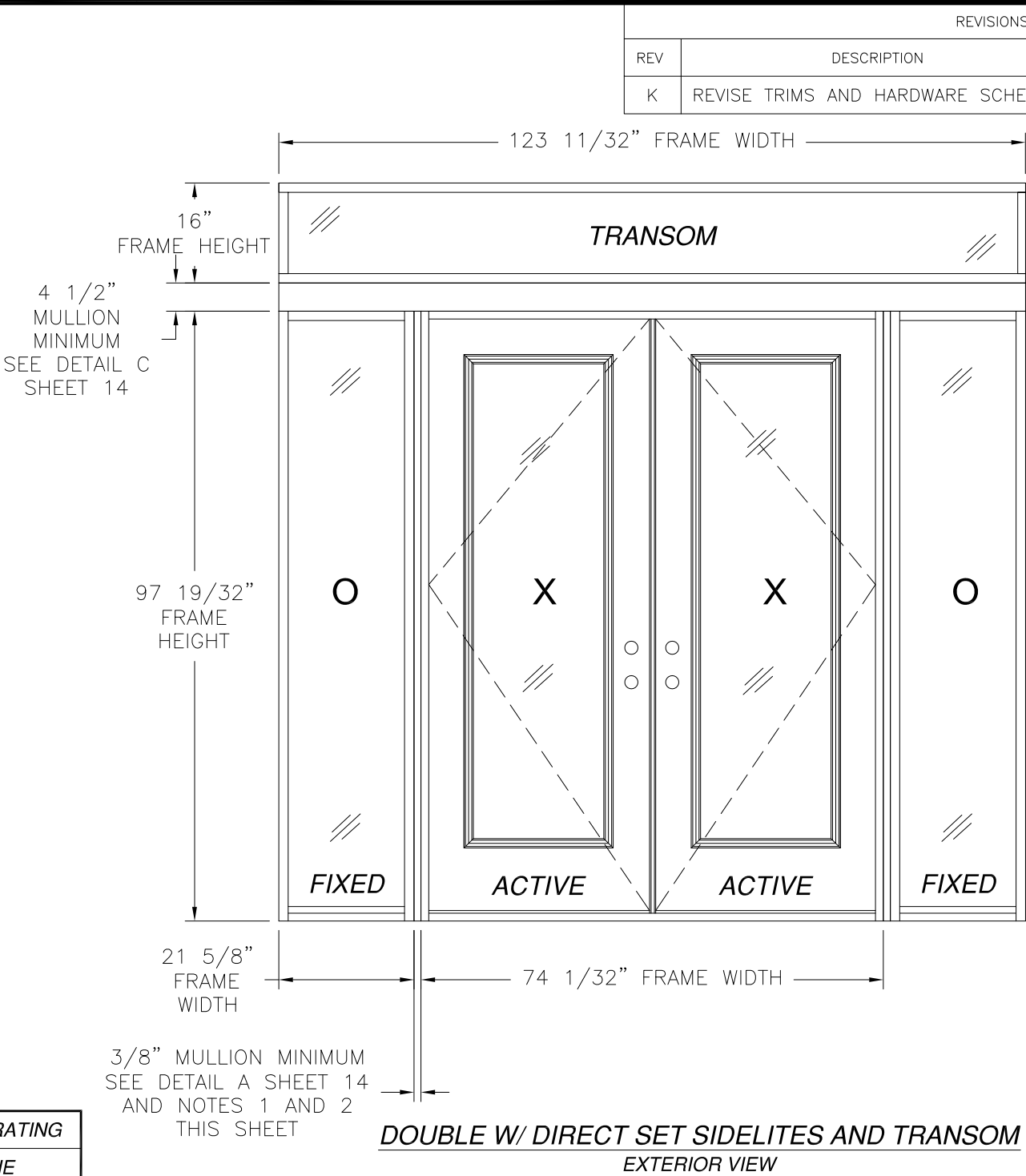
WITH STEEL SLAB AND PANOLOCK MULTI-POINT

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| +48.0/-50.0                                                                                                          | NONE          |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH FIBERGLASS SLAB AND PANOLOCK MULTI-POINT

- NOTES:
1. MAXIMUM ALLOWED BUILDUP TO BE 3" AT VERTICAL MULLION.
  2. IF SIDELITE WIDTH IS 16" OR LESS NO VERTICAL MULLION IS 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



DOUBLE W/ DIRECT SET SIDELITES AND TRANSOM  
EXTERIOR VIEW

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
ELEVATIONS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

DATE  
06/19/13

SHEET  
3 OF 18

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

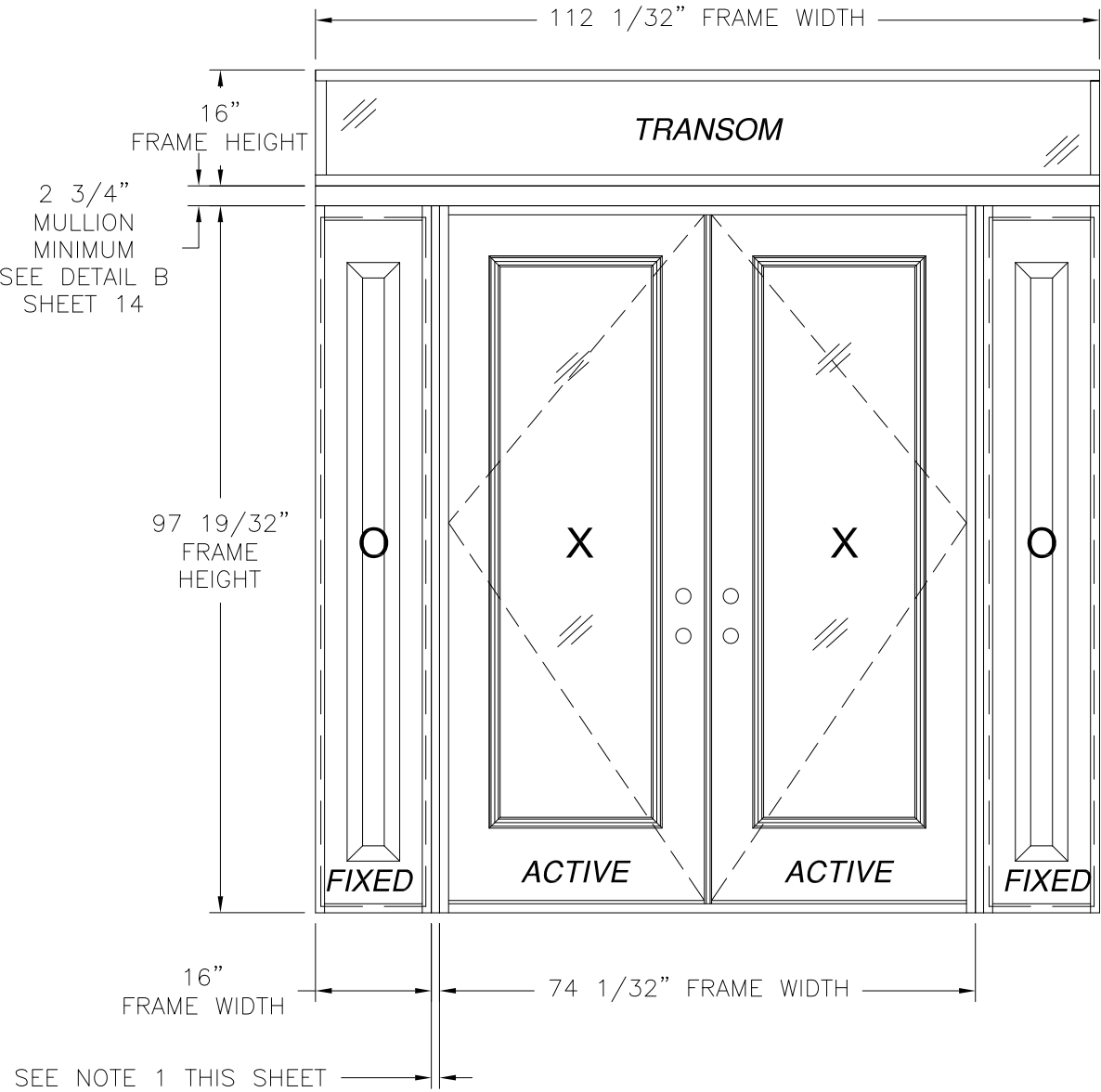
REVISIONS

| REV | DESCRIPTION                        | DATE       | APPROVED |
|-----|------------------------------------|------------|----------|
| K   | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |

SIGNED: 11/27/2023

LUIS R. LOMAS  
P.E.  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

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



DOUBLE W/ STD SIDELITES AND TRANSOM  
EXTERIOR VIEW

| 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 |               |

WITH STEEL SLAB

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| +48.0/-52.0                                                                                                          | NONE          |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH FIBERGLASS SLAB

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| ±50.0PSF                                                                                                             | NONE          |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

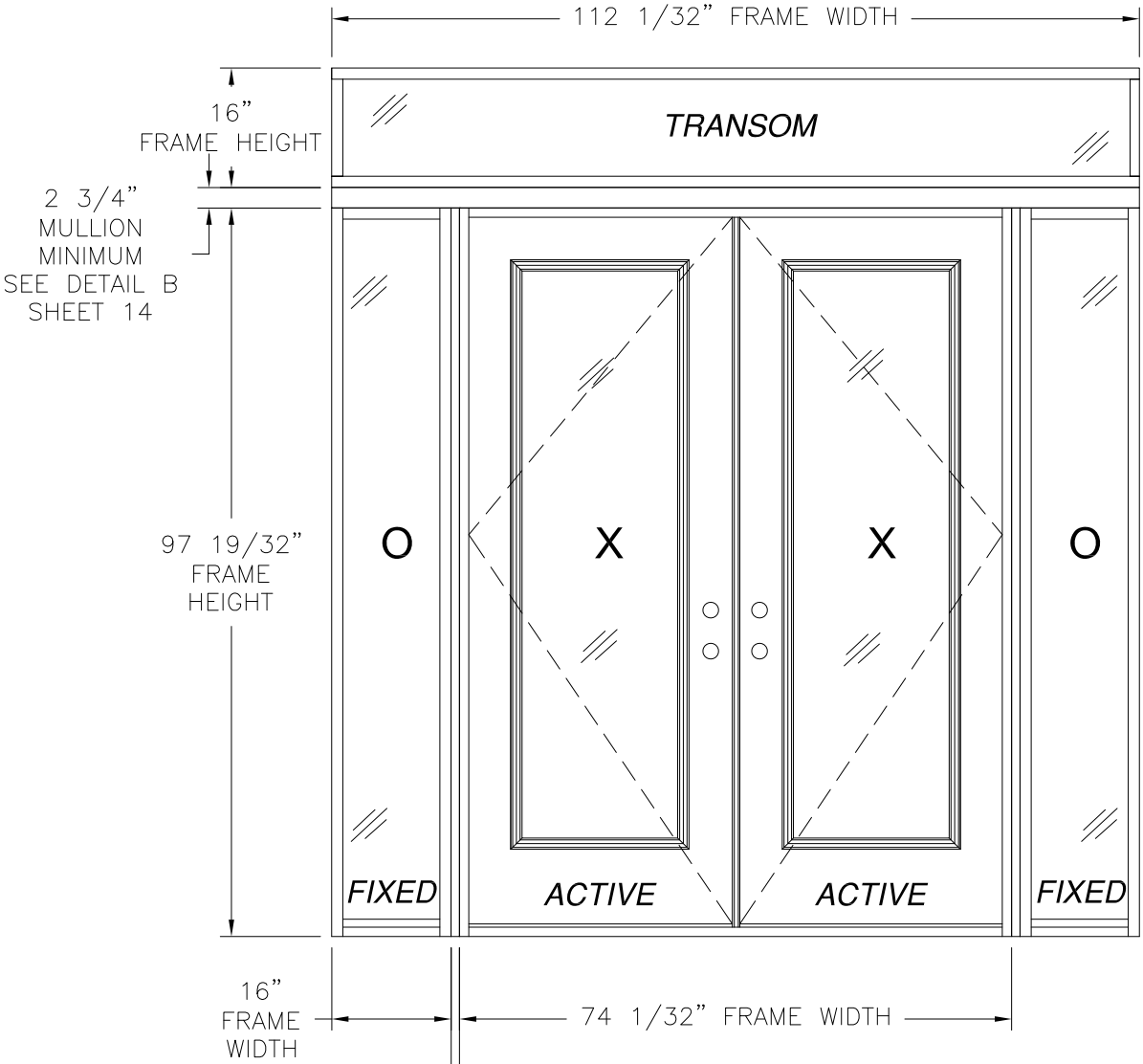
WITH STEEL SLAB AND PANOLOCK MULTI-POINT

| DESIGN PRESSURE RATING                                                                                               | IMPACT RATING |
|----------------------------------------------------------------------------------------------------------------------|---------------|
| +48.0/-50.0                                                                                                          | NONE          |
| THIS SYSTEM WAS NOT TESTED FOR WATER INFILTRATION AND IS TO BE INSTALLED ONLY WHERE WATER RESISTANCE IS NOT REQUIRED |               |

WITH FIBERGLASS SLAB AND PANOLOCK MULTI-POINT

NOTES:  
1. MAXIMUM ALLOWED BUILDUP TO BE 3"  
AT VERTICAL MULLION.

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



DOUBLE W/ DIRECT SET SIDELITES AND TRANSOM  
EXTERIOR VIEW

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
ELEVATIONS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

DATE  
06/19/13

SHEET  
4 OF 18

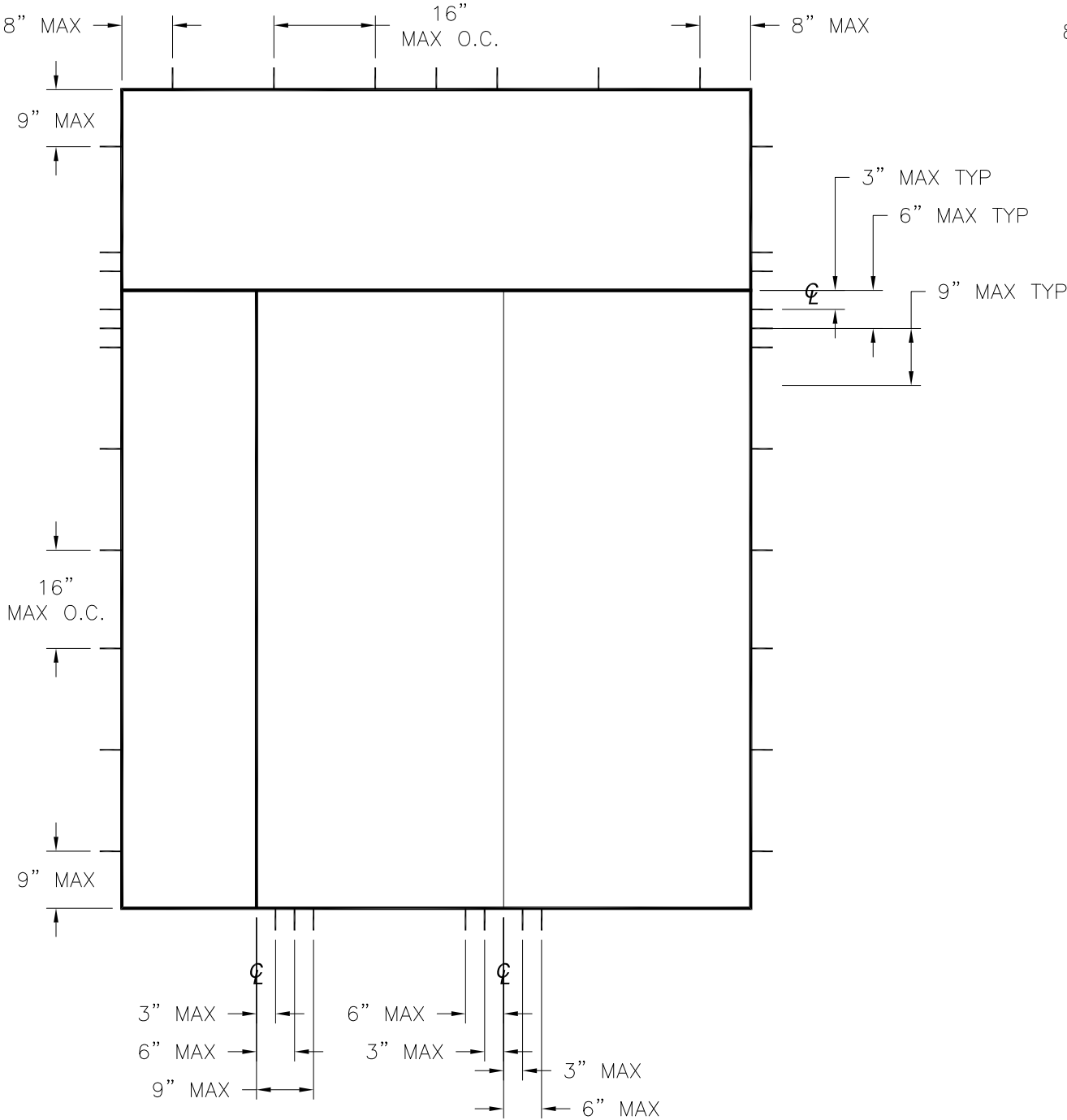
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/27/2023

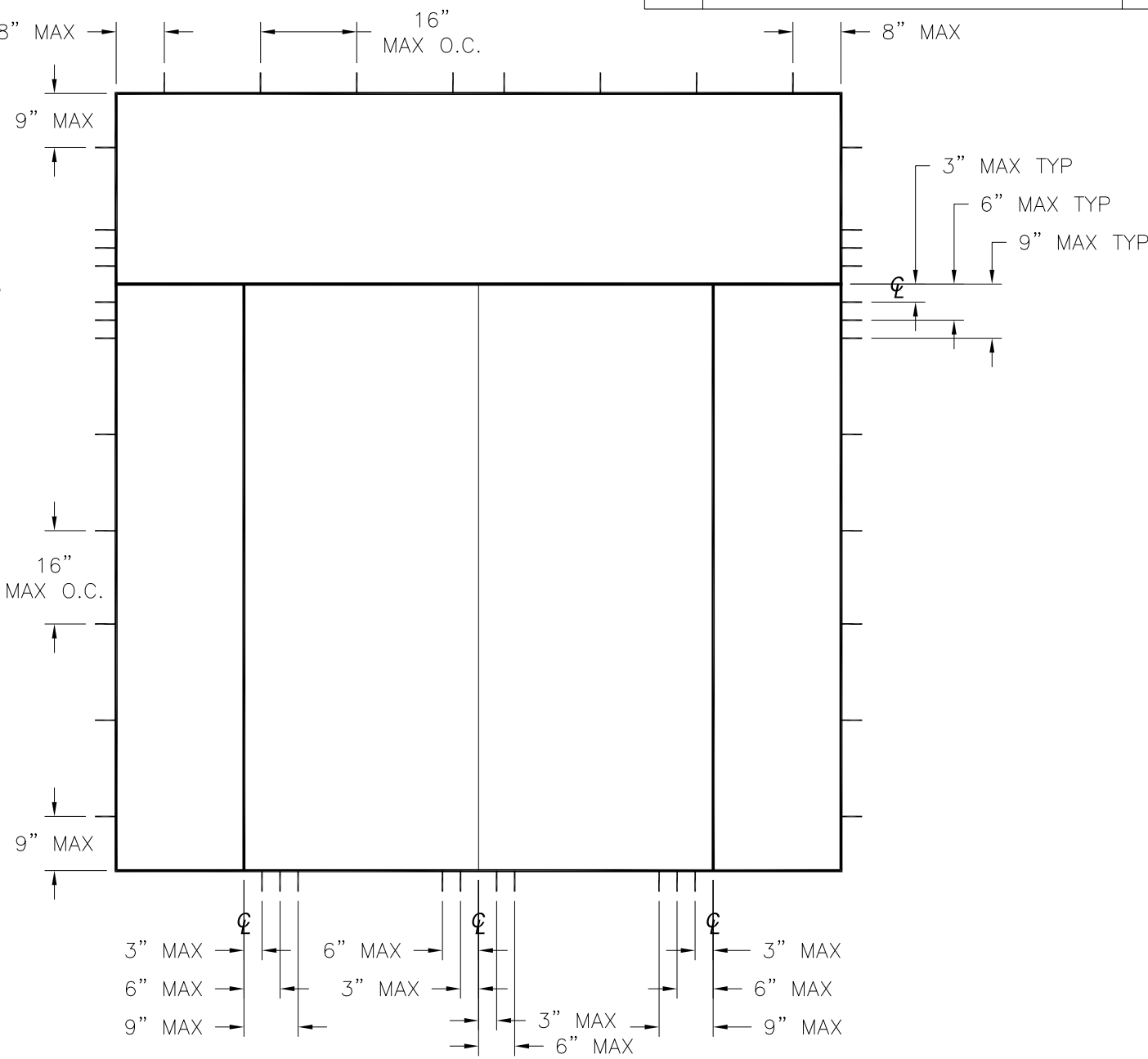


Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**DOUBLE W/SIDELITE AND TRANSOM**  
ANCHORING LAYOUT



**DOUBLE W/SIDELITES & TRANSOM**  
ANCHORING LAYOUT

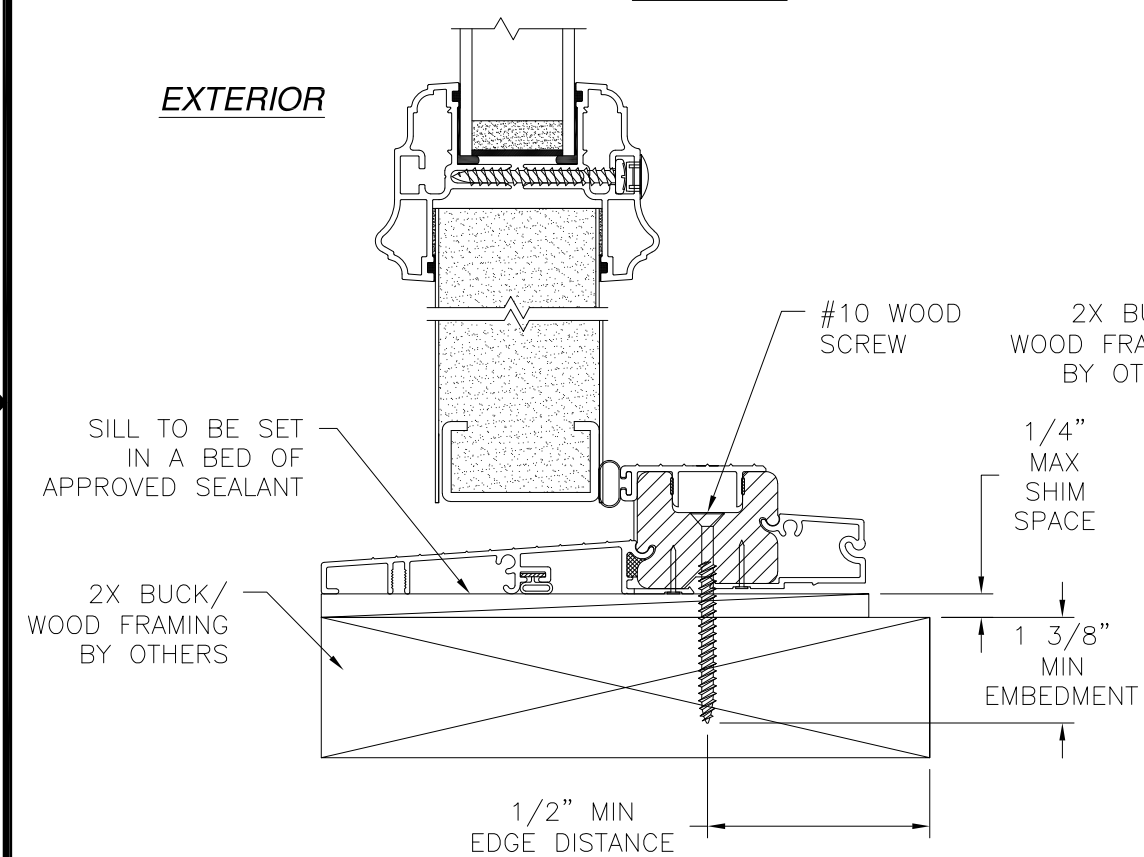
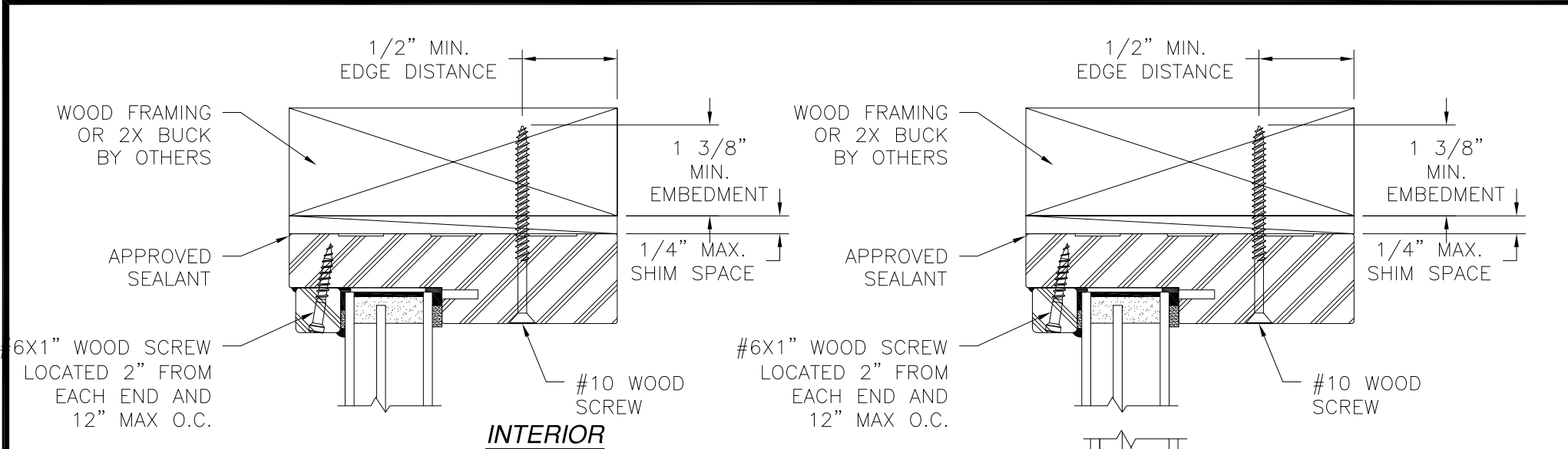
SIGNED: 11/27/2023

| 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)      |

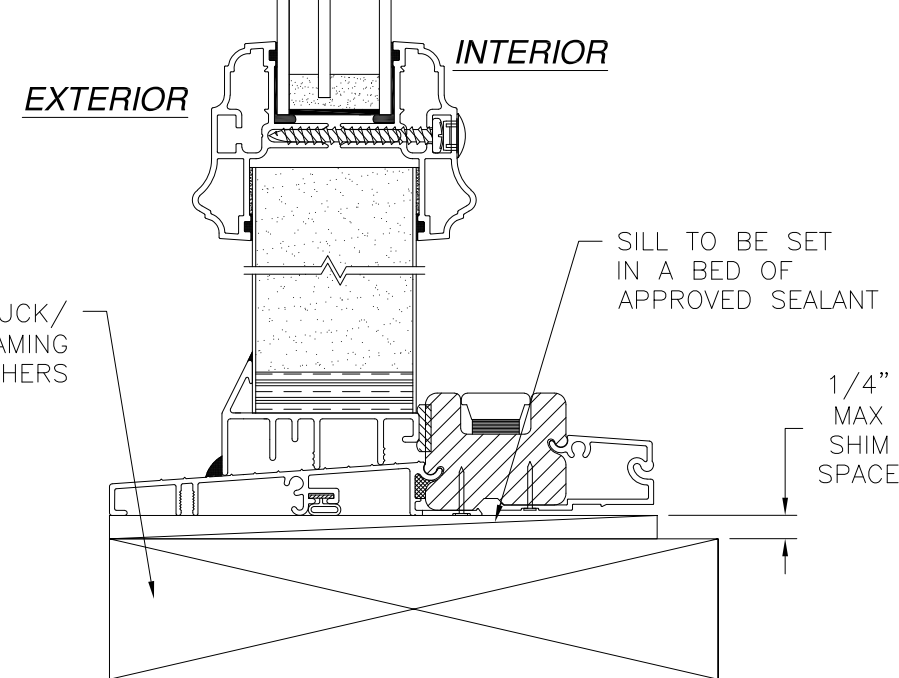
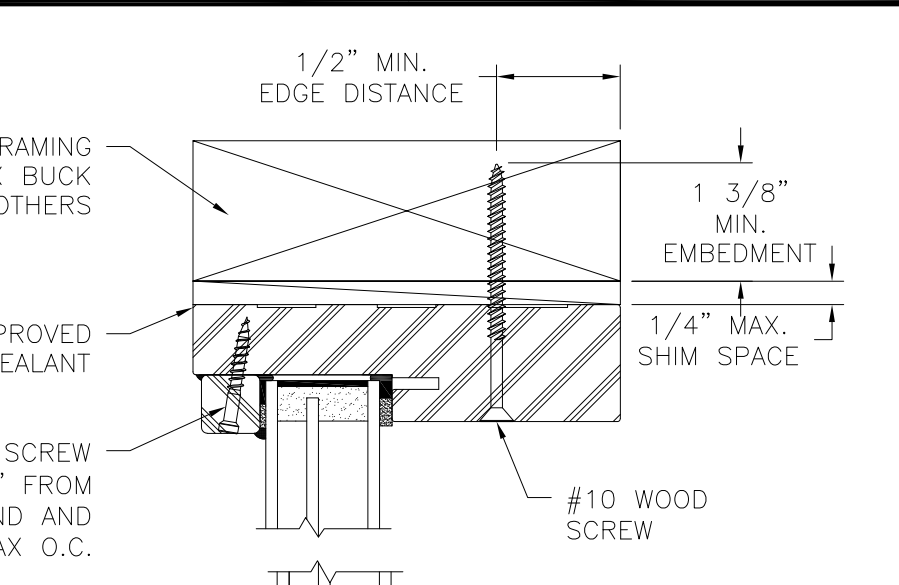
|                                                                                                       |                     |               |
|-------------------------------------------------------------------------------------------------------|---------------------|---------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                      |                     |               |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>ANCHORING LAYOUTS |                     |               |
| DRAWN:<br>N.G.                                                                                        | DWG NO.<br>08-02079 | REV<br>K      |
| SCALE NTS                                                                                             | DATE 06/19/13       | SHEET 5 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com     |                     |               |



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

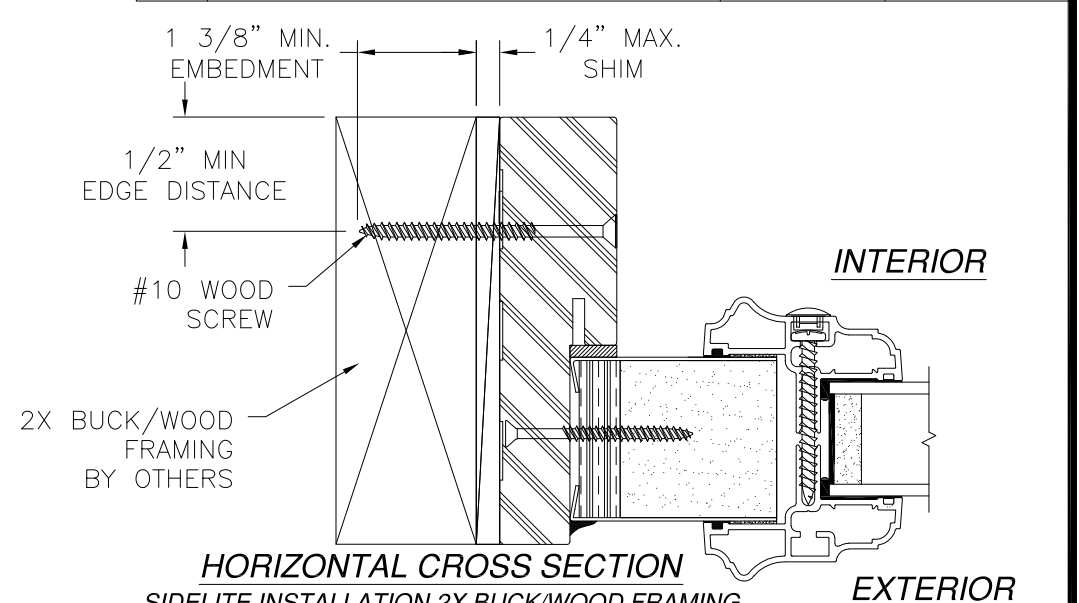


**VERTICAL CROSS SECTION**  
DOOR AND TRANSOM INSTALLATION - 2X BUCK/WOOD FRAMING  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR

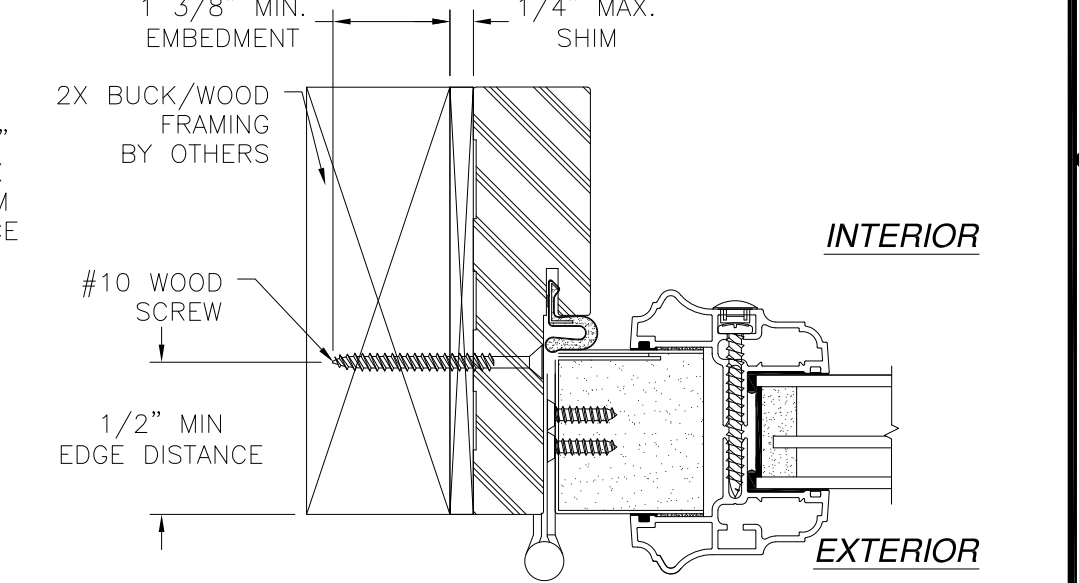


**VERTICAL CROSS SECTION**  
SIDELITE AND TRANSOM INSTALLATION 2X BUCK/WOOD FRAMING  
STANDARD SIDELITE SHOWN  
DIRECT SET SIDELITE SIMILAR  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**HORIZONTAL CROSS SECTION**  
SIDELITE INSTALLATION 2X BUCK/WOOD FRAMING  
STANDARD SIDELITE SHOWN  
DIRECT SET SIDELITE SIMILAR



**HORIZONTAL CROSS SECTION**  
DOOR INSTALLATION - 2X BUCK/WOOD FRAMING SIGNED: 11/27/2023

- 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/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
INSTALLATION DETAILS

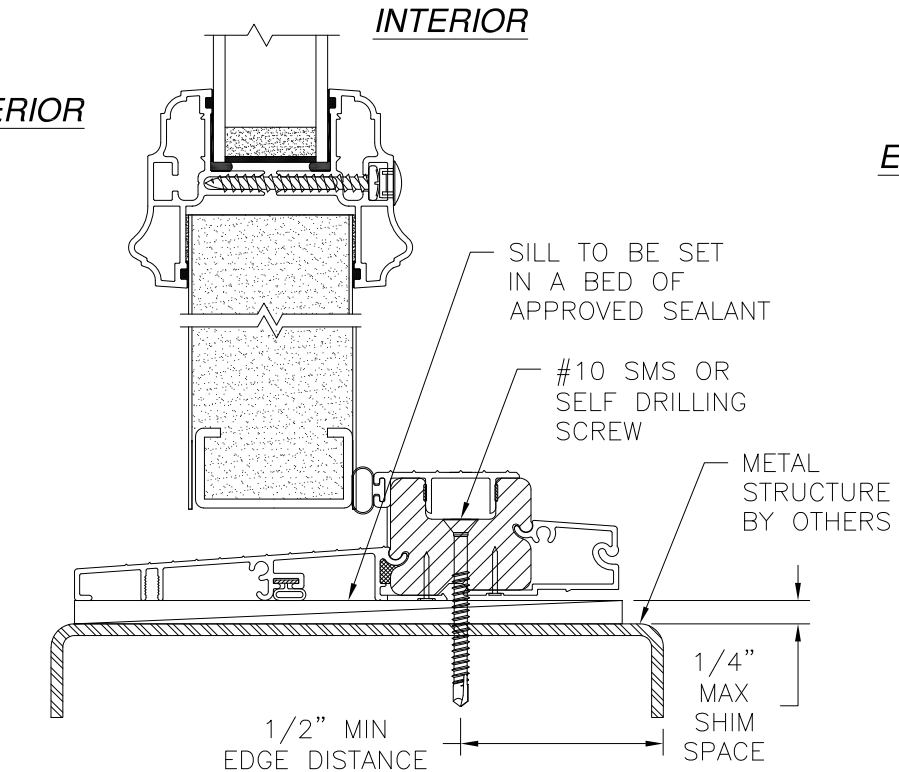
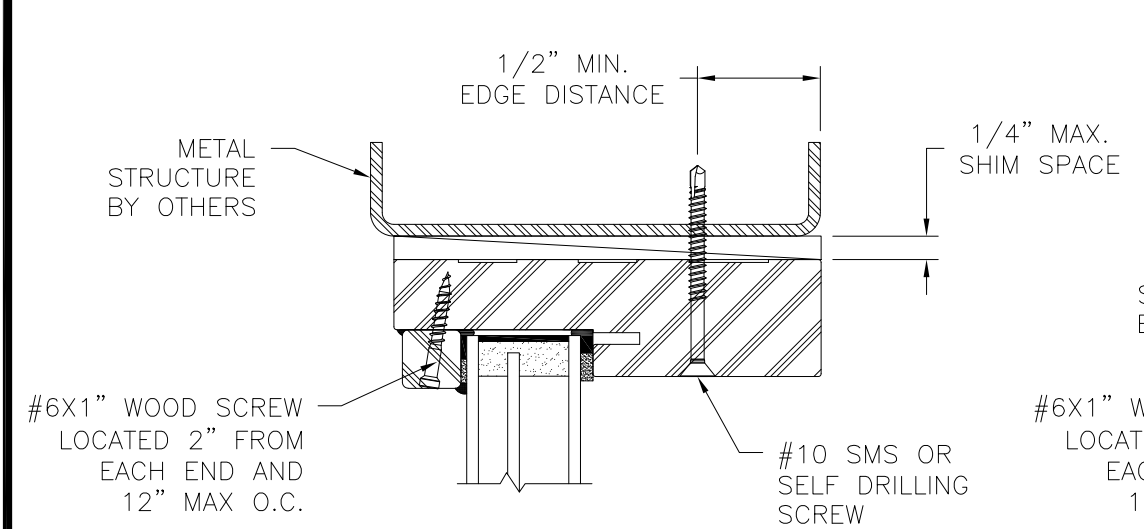
|                |                     |                  |
|----------------|---------------------|------------------|
| DRAWN:<br>N.G. | DWG NO.<br>08-02079 | REV<br>K         |
| SCALE<br>NTS   | DATE<br>06/19/13    | SHEET<br>6 OF 18 |

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

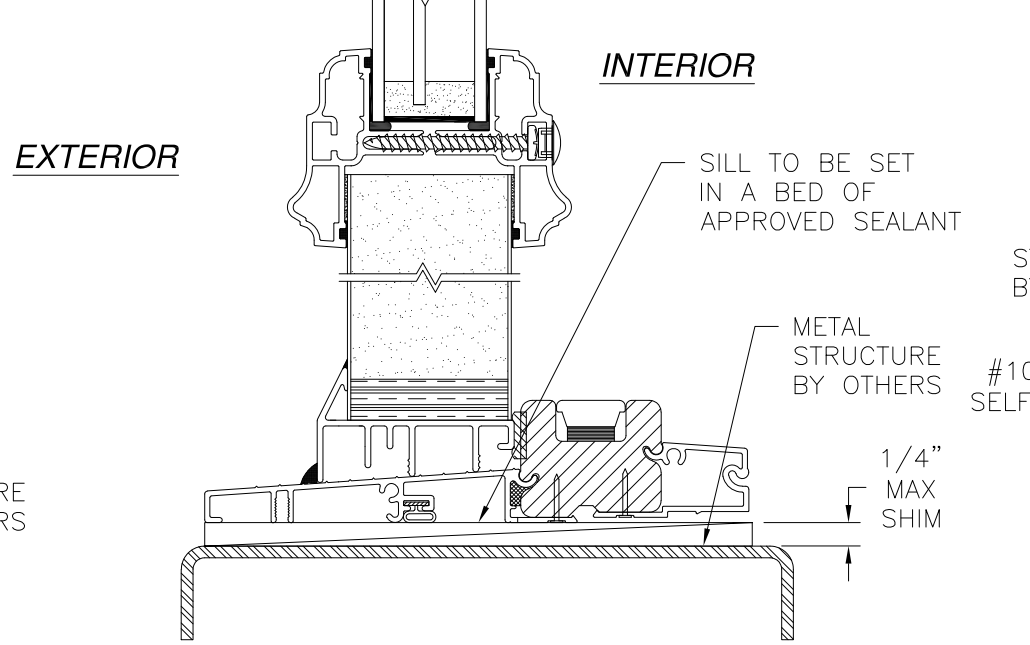
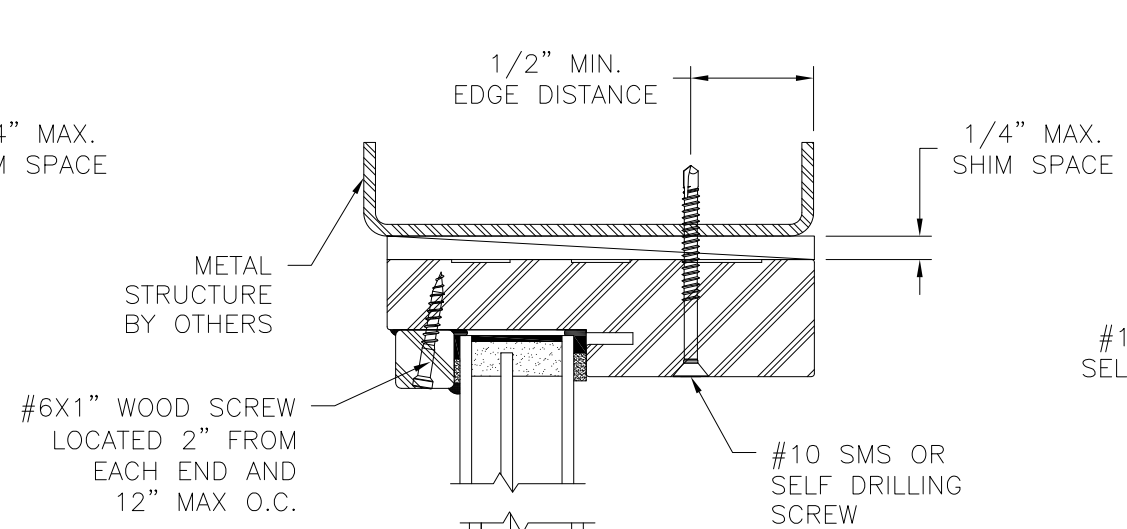
LUIS R. LOMAS  
P.E.  
No. 62514  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

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

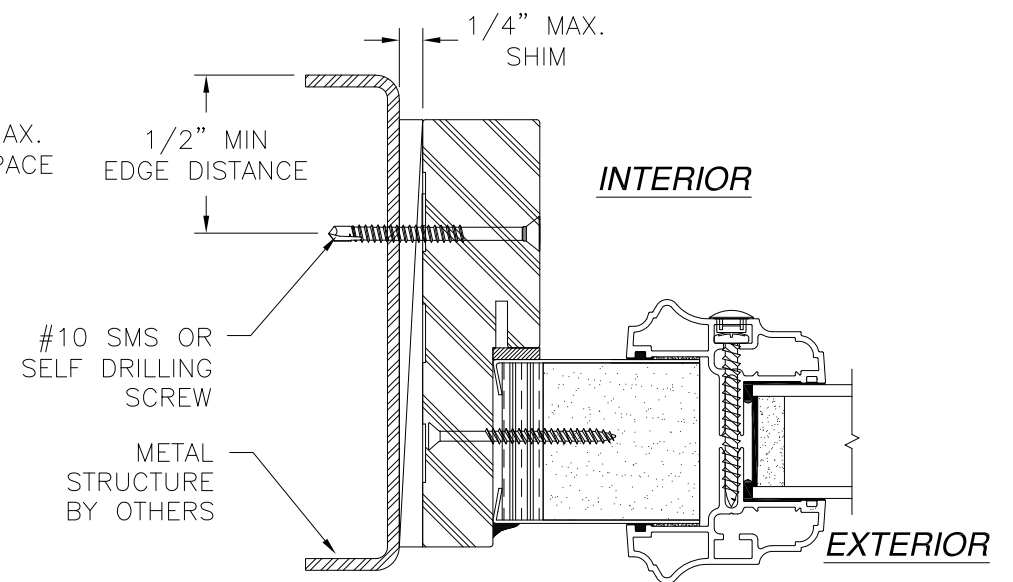
| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



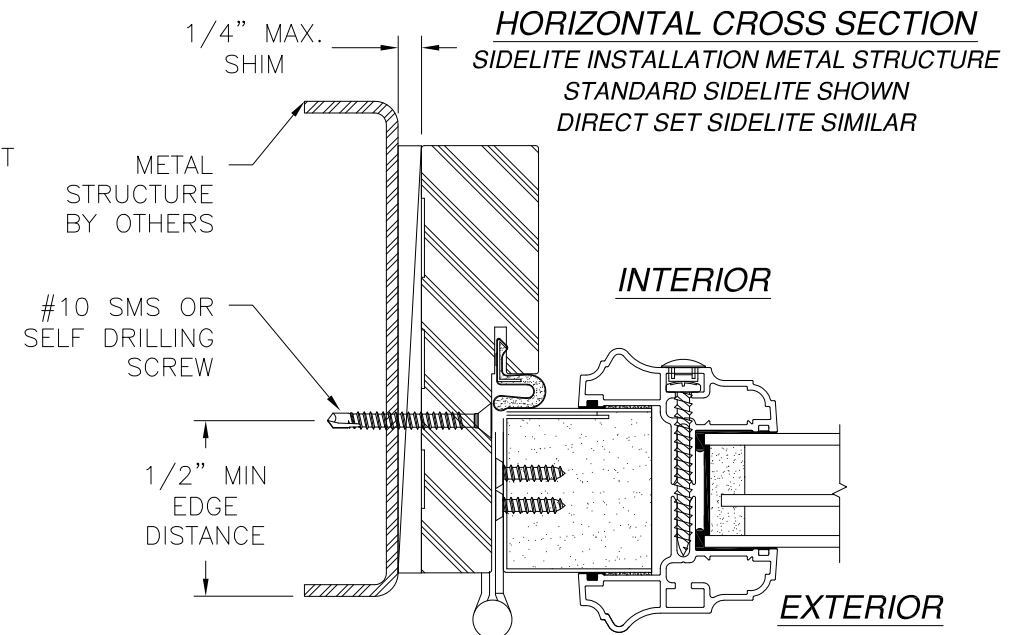
**VERTICAL CROSS SECTION**  
DOOR AND TRANSOM INSTALLATION METAL STRUCTURE  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR



**VERTICAL CROSS SECTION**  
SIDELITE AND TRANSOM INSTALLATION METAL STRUCTURE  
STANDARD SIDELITE SHOWN  
DIRECT SET SIDELITE SIMILAR  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR



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



**HORIZONTAL CROSS SECTION**  
DOOR INSTALLATION METAL STRUCTURE

SIGNED: 11/27/2023

- 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

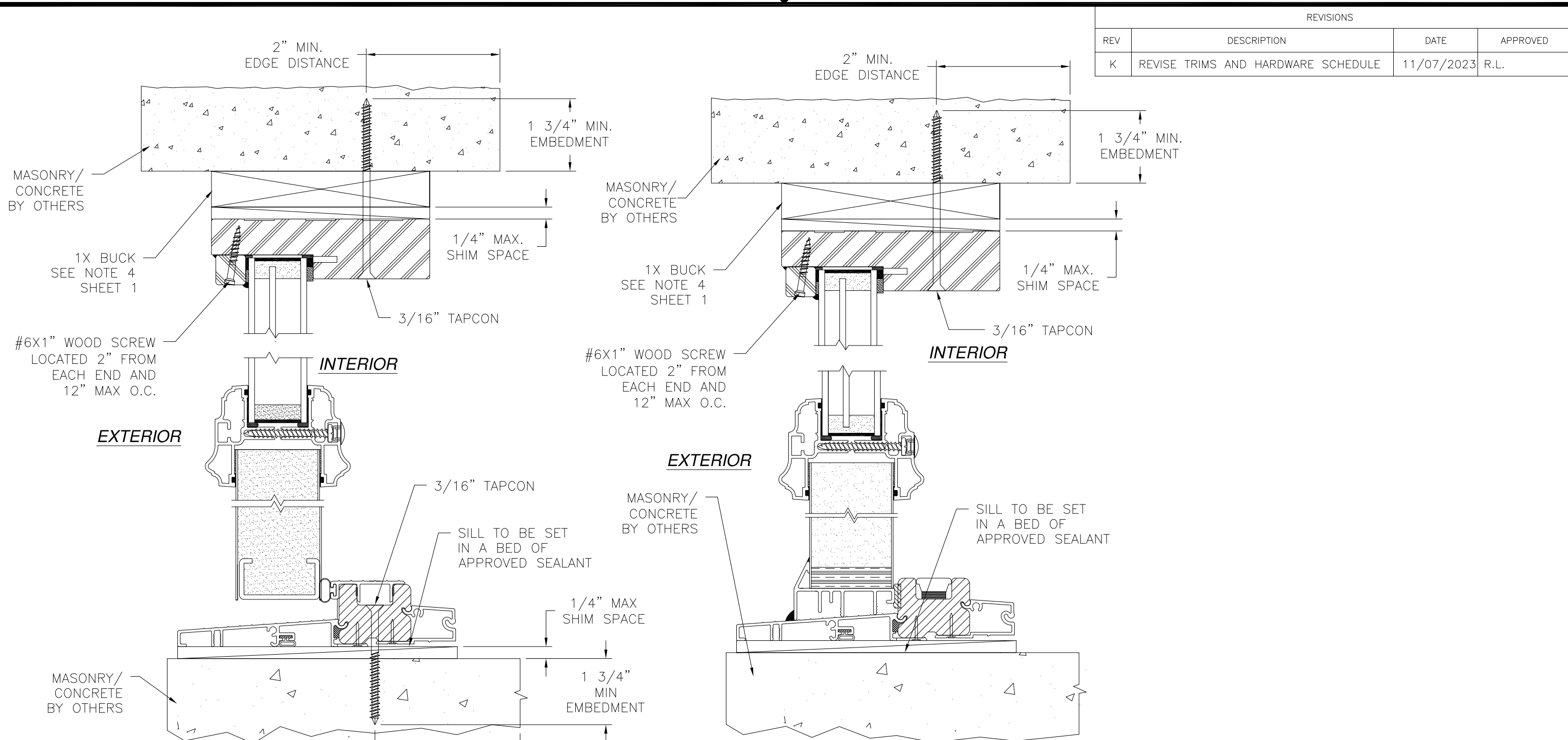
STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
INSTALLATION DETAILS

|                |                     |                  |
|----------------|---------------------|------------------|
| DRAWN:<br>N.G. | DWG NO.<br>08-02079 | REV<br>K         |
| SCALE<br>NTS   | DATE<br>06/19/13    | SHEET<br>7 OF 18 |

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

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

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



| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |

**VERTICAL CROSS SECTION**  
DOOR AND TRANSOM INSTALLATION MASONRY/CONCRETE  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR

**VERTICAL CROSS SECTION**  
SIDELITE AND TRANSOM INSTALLATION  
MASONRY/CONCRETE  
STANDARD SIDELITE SHOWN  
DIRECT SET SIDELITE SIMILAR  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR

- 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/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
INSTALLATION DETAILS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

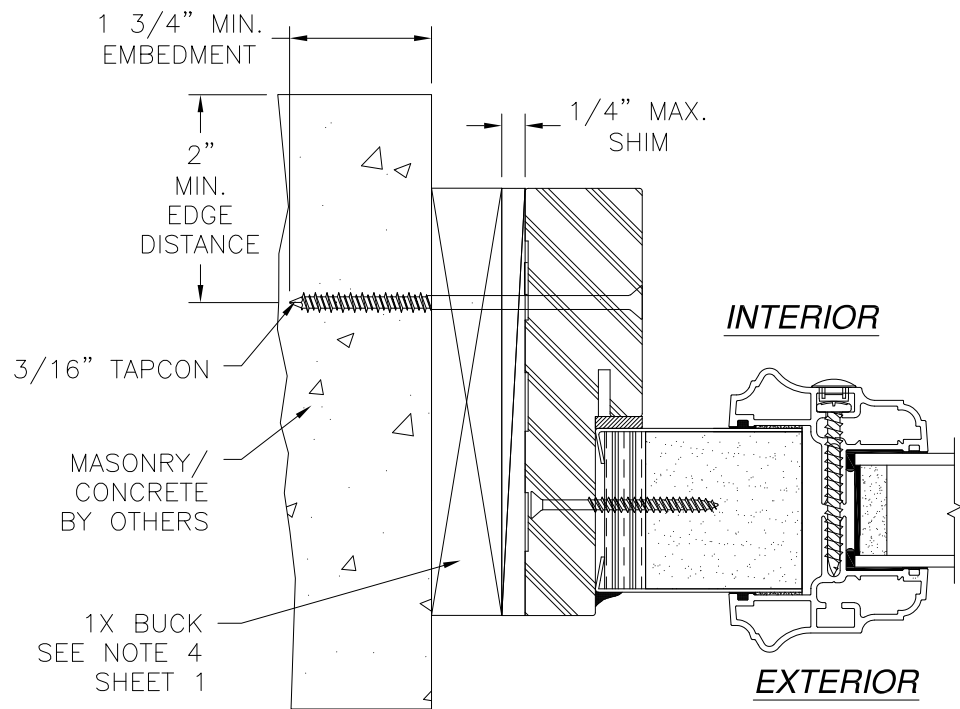
DATE  
06/19/13

SHEET  
8 OF 18

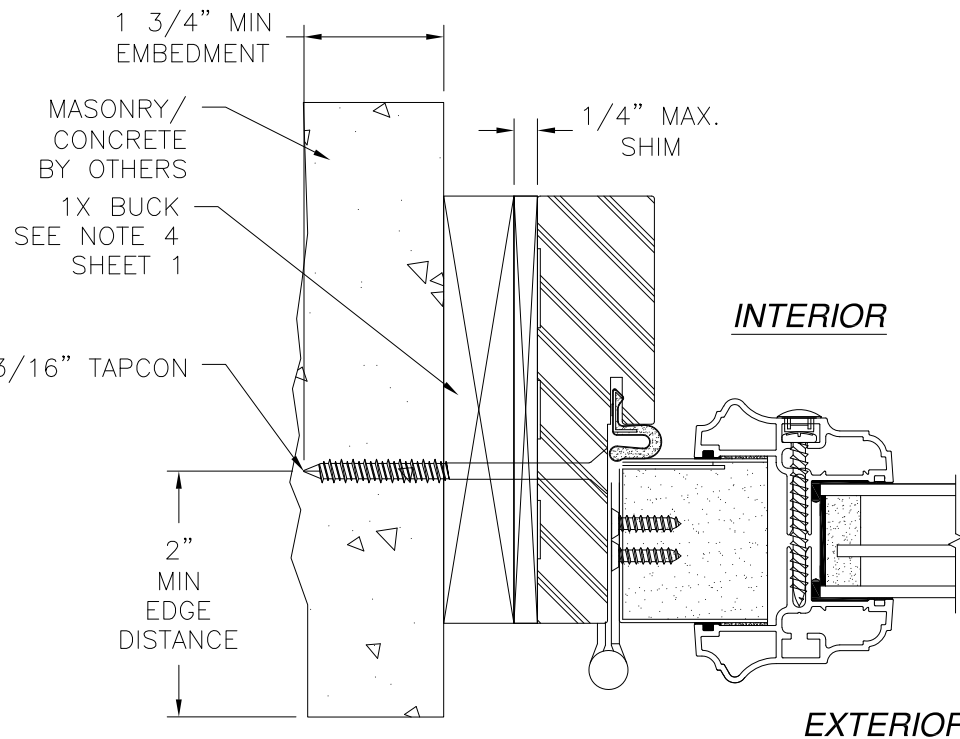
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/27/2023

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



**HORIZONTAL CROSS SECTION**  
SIDELITE INSTALLATION CONCRETE/MASONRY  
STANDARD SIDELITE SHOWN  
DIRECT SET SIDELITE SIMILAR



**HORIZONTAL CROSS SECTION**  
DOOR INSTALLATION CONCRETE/MASONRY

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |

- 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

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
INSTALLATION DETAILS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

DATE  
06/19/13

SHEET  
9 OF 18

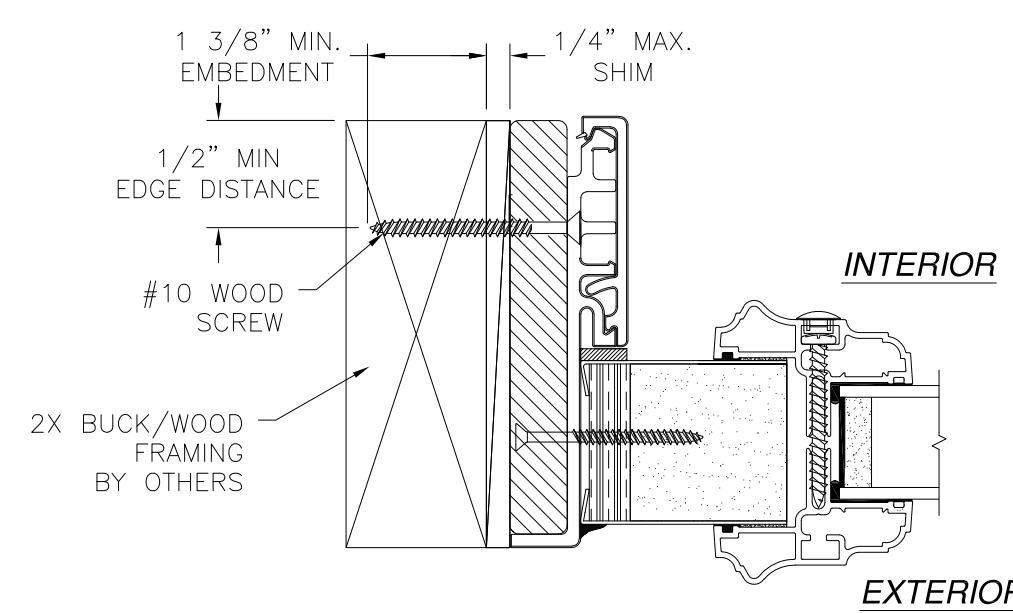
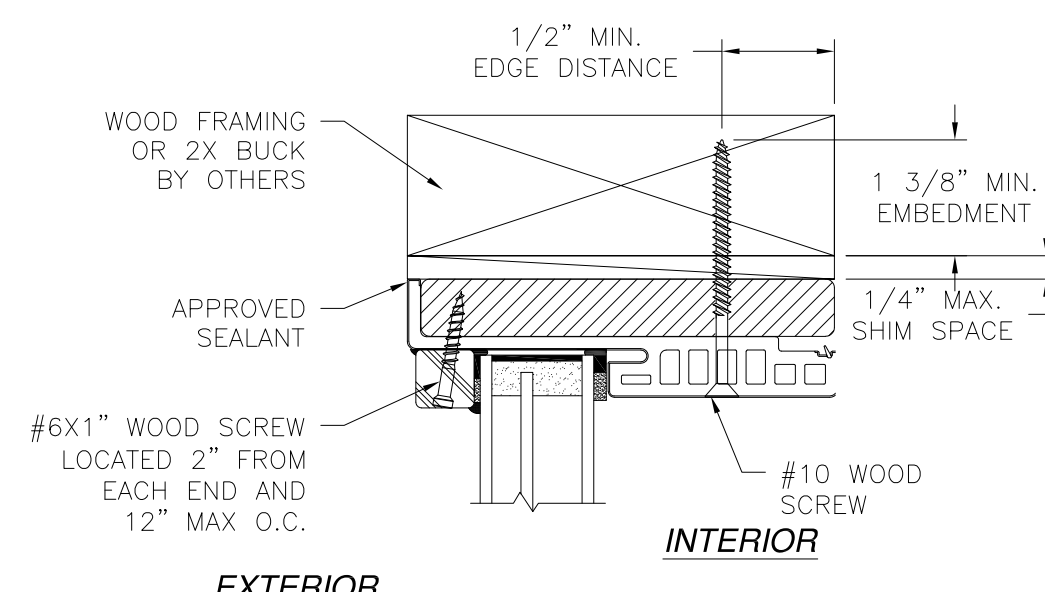
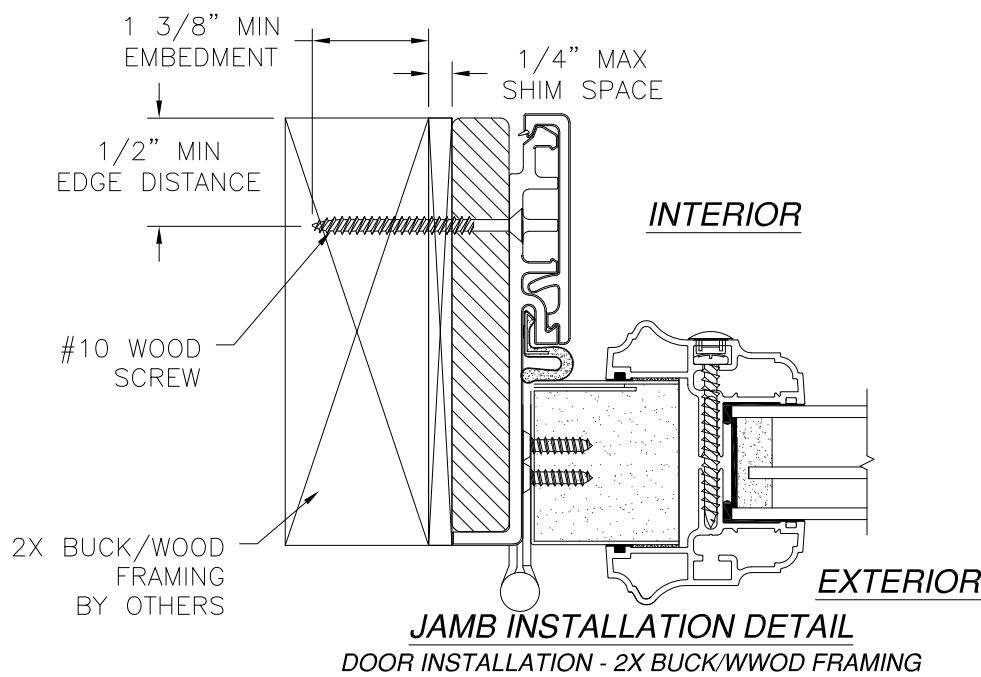
L. ROBERTO LOMAS P.E.  
208 7th Ave, INDIALANTIC, FL 32903  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 11/27/2023



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

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | 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/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
INSTALLATION DETAILS W/FUSION FRAME

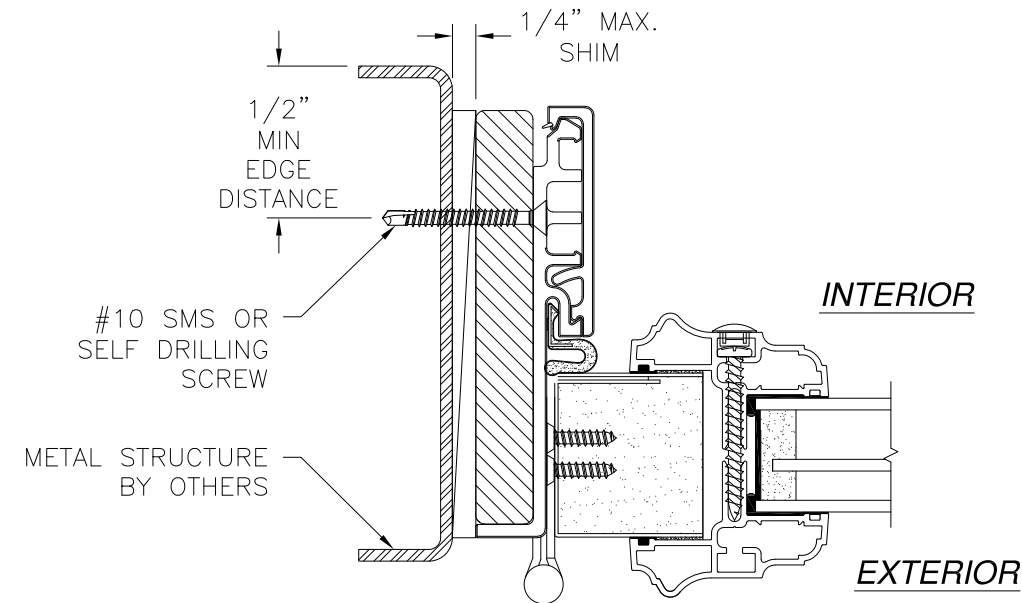
|                |                     |                   |
|----------------|---------------------|-------------------|
| DRAWN:<br>N.G. | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS   | DATE<br>06/19/13    | SHEET<br>10 OF 18 |

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

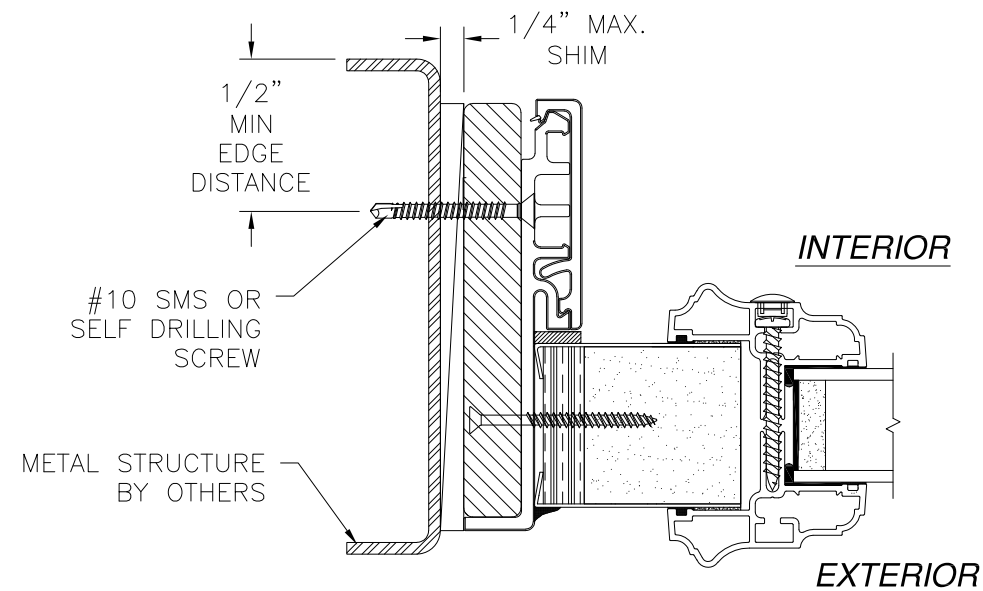
SIGNED: 11/27/2023

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

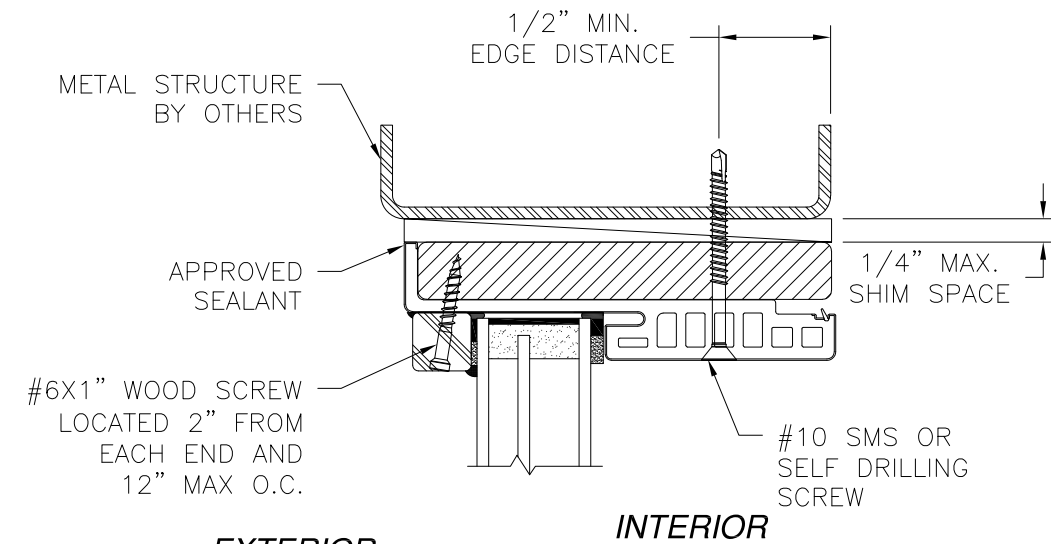
| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**JAMB INSTALLATION DETAIL**  
DOOR INSTALLATION - METAL STRUCTURE



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

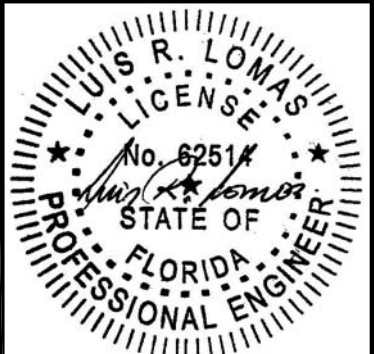


**VERTICAL CROSS SECTION**  
TRANSOM INSTALLATION - METAL STRUCTURE  
TRANSOM HEAD SHOWN  
TRANSOM JAMB SIMILAR

- 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

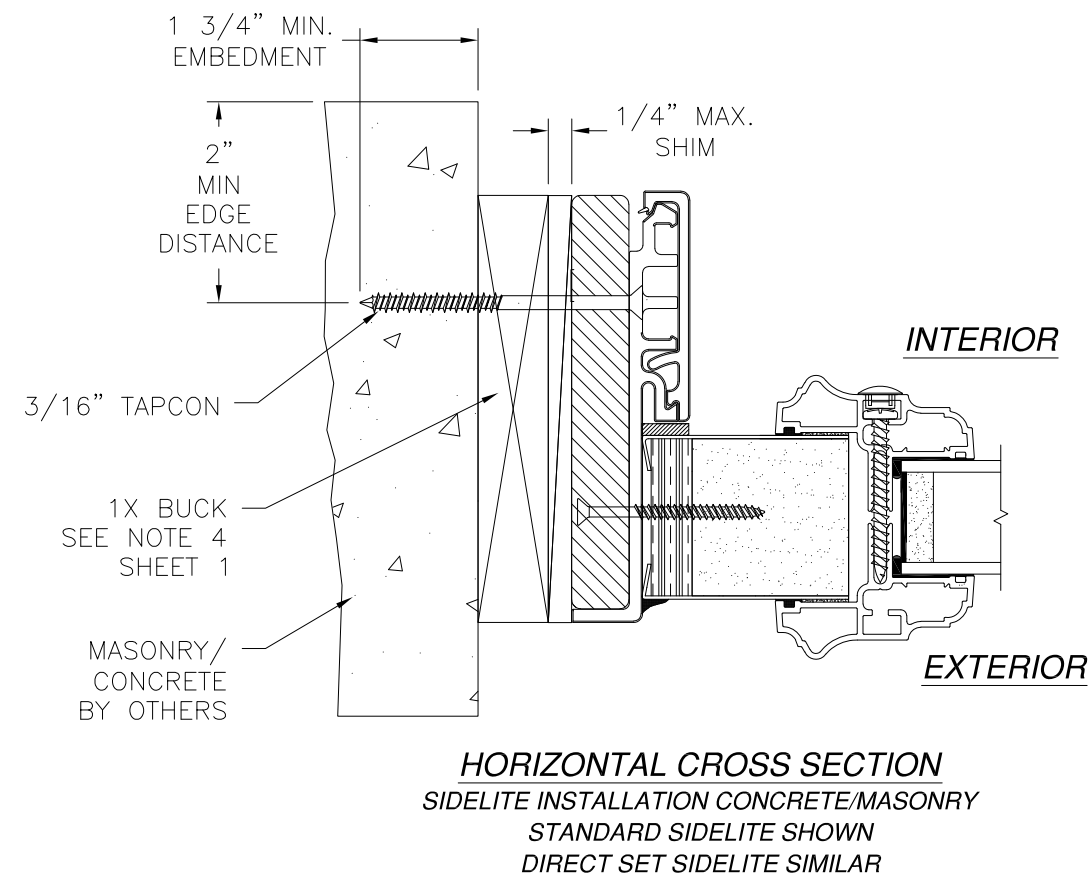
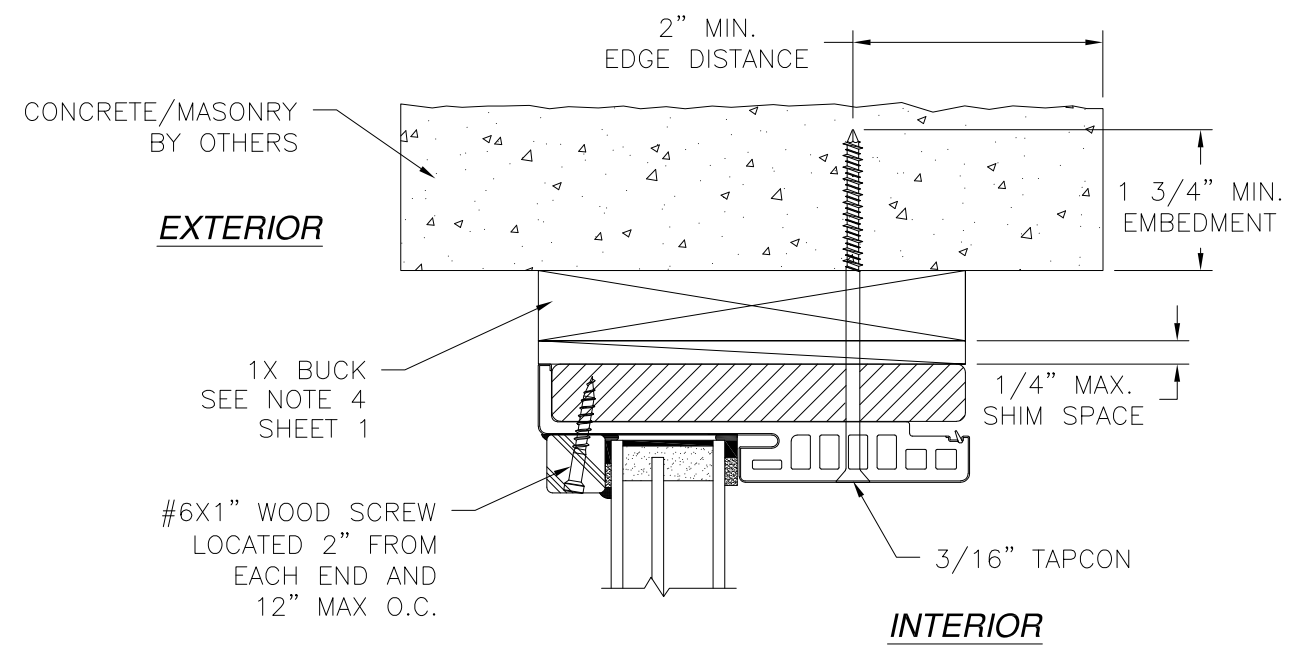
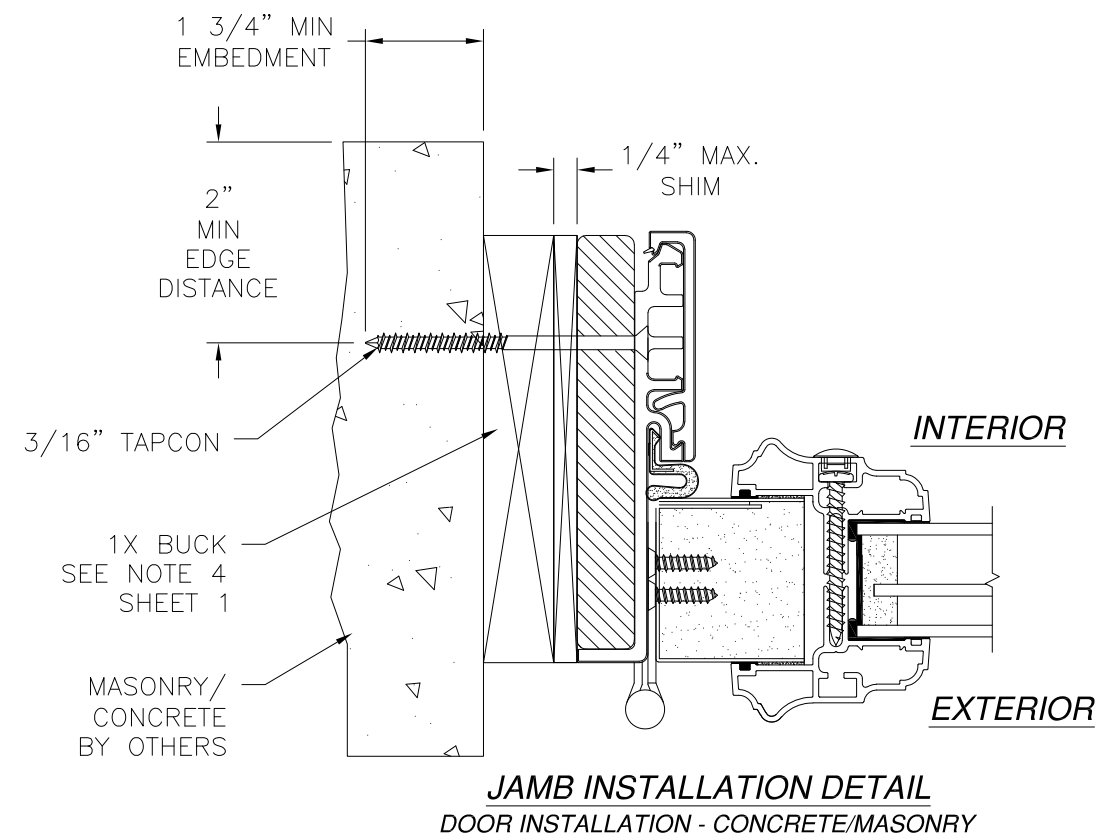
SIGNED: 11/27/2023

|                                                                                                                         |                     |                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                                        |                     |                   |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>INSTALLATION DETAILS W/FUSION FRAME |                     |                   |
| DRAWN:<br>N.G.                                                                                                          | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS                                                                                                            | DATE<br>06/19/13    | SHEET<br>11 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com                       |                     |                   |



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

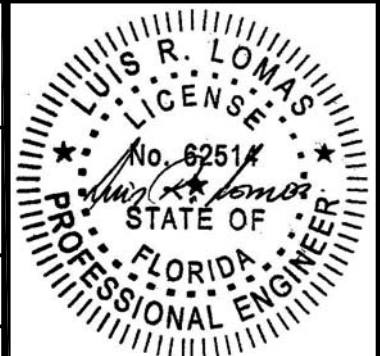
| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



- 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

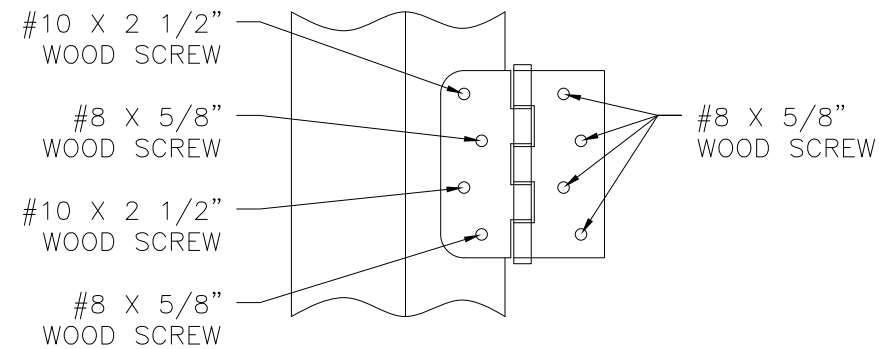
|                                                                                                                         |                     |                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                                        |                     |                   |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>INSTALLATION DETAILS W/FUSION FRAME |                     |                   |
| DRAWN:<br>N.G.                                                                                                          | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS                                                                                                            | DATE<br>06/19/13    | SHEET<br>12 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com                       |                     |                   |

SIGNED: 11/27/2023



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

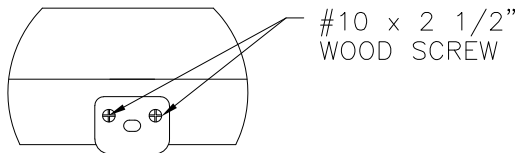
| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



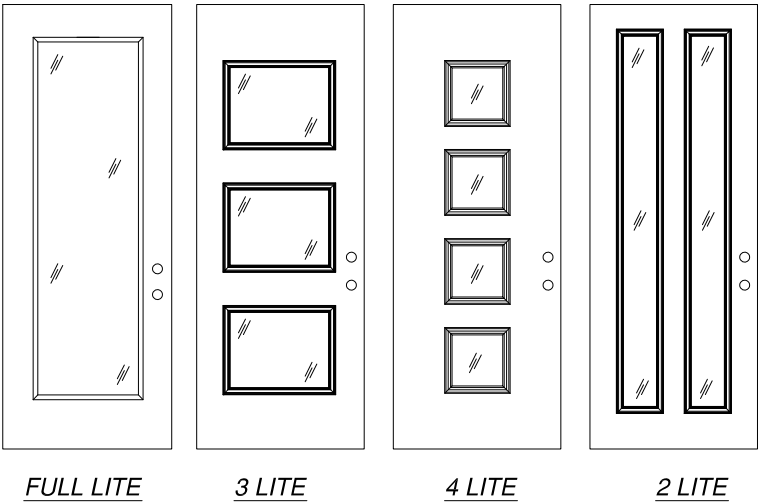
**HINGE INSTALLATION DETAIL**  
2X BUCK/WOOD FRAMING



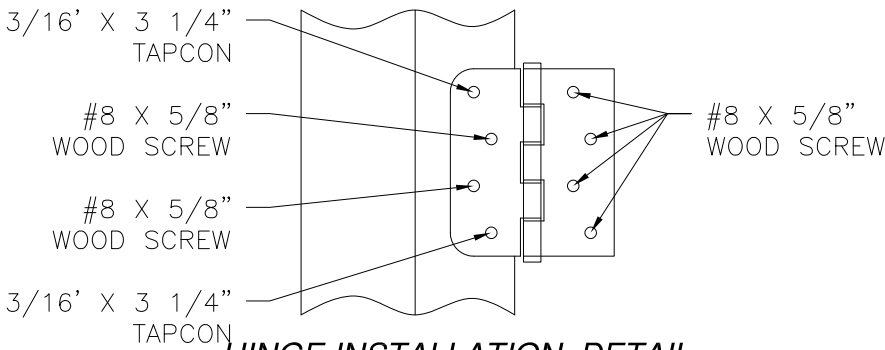
**ASTRAGAL HEAD STRIKE DETAIL**  
2X BUCK/WOOD FRAMING



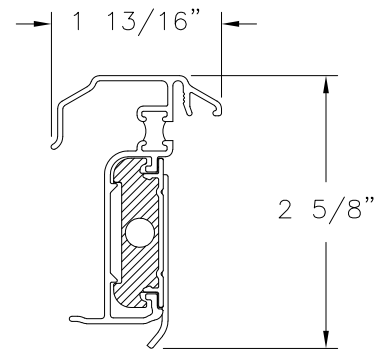
**APPROVED LITE CONFIGURATIONS**



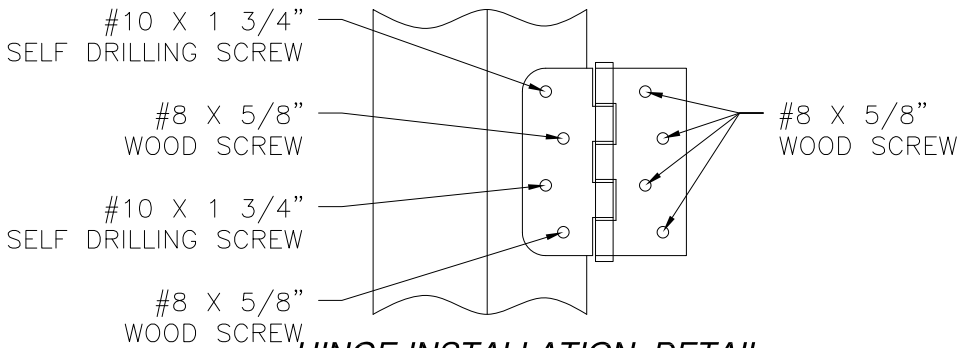
LITE CONFIGURATIONS SHOWN ARE FOR REFERENCE ONLY. MULTIPLE LITE CONFIGURATIONS ARE APPROVED AS LONG AS LITE SIZE DOES NOT EXCEED 11.5 FT²



**HINGE INSTALLATION DETAIL**  
MASONRY/CONCRETE



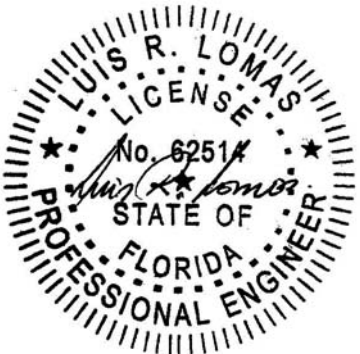
**HURRICANE ASTRAGAL DETAIL**



**HINGE INSTALLATION DETAIL**  
METAL STRUCTURE

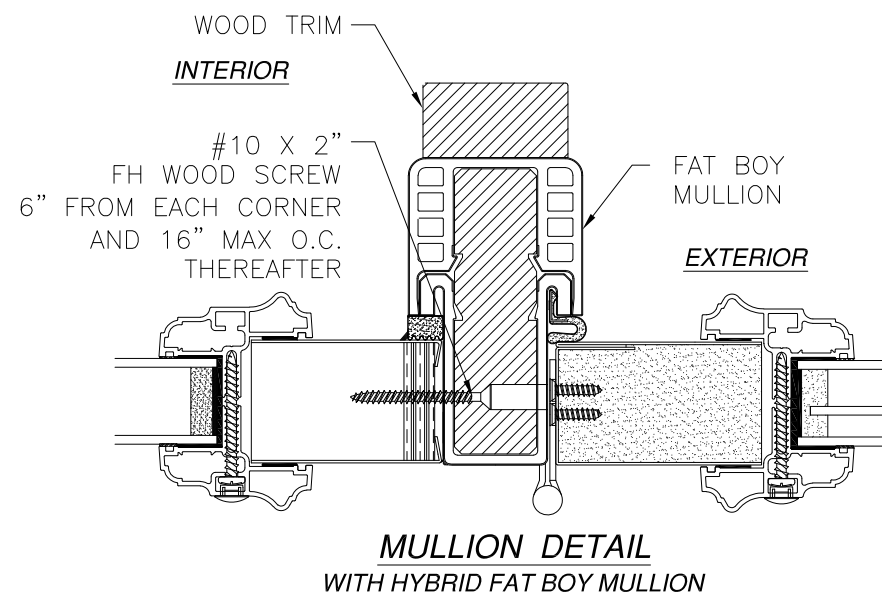
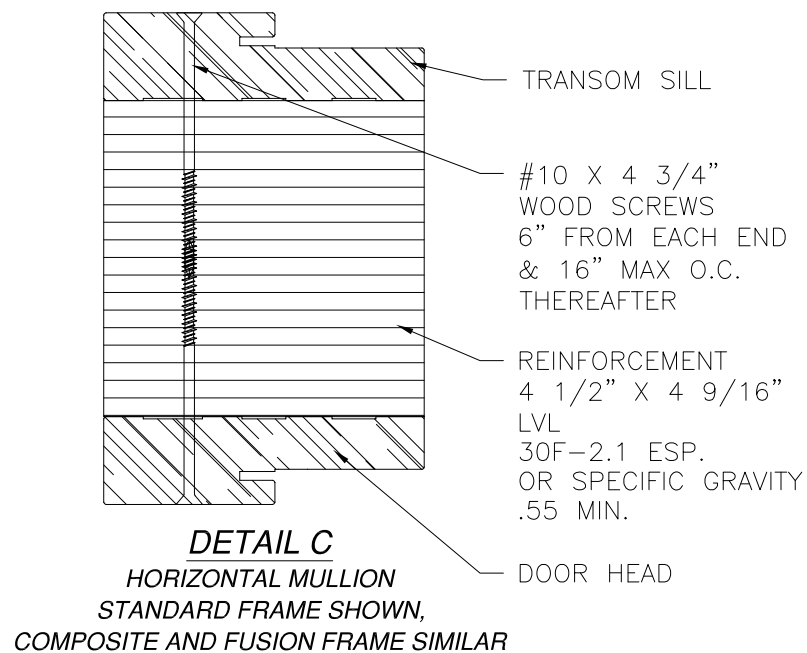
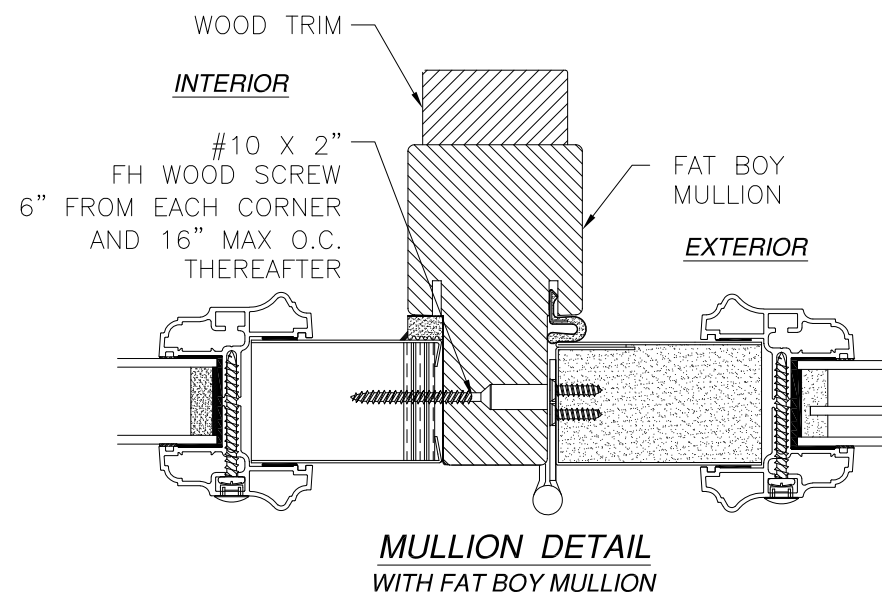
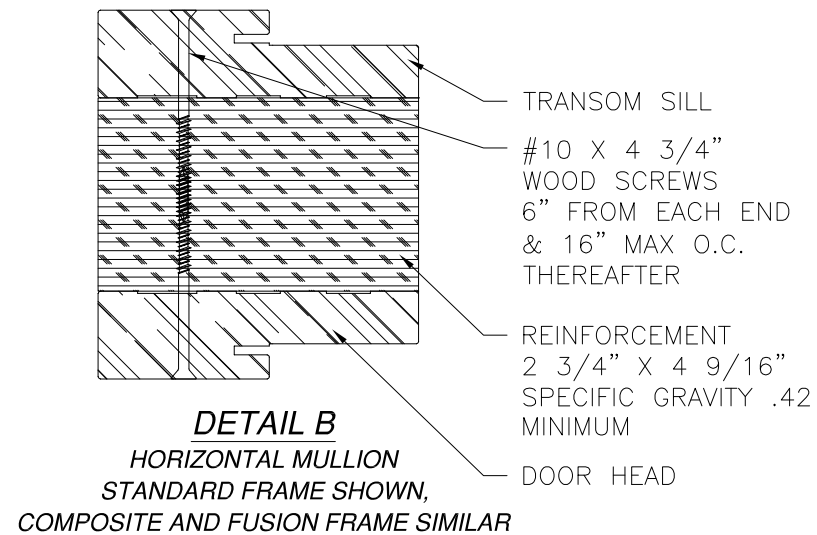
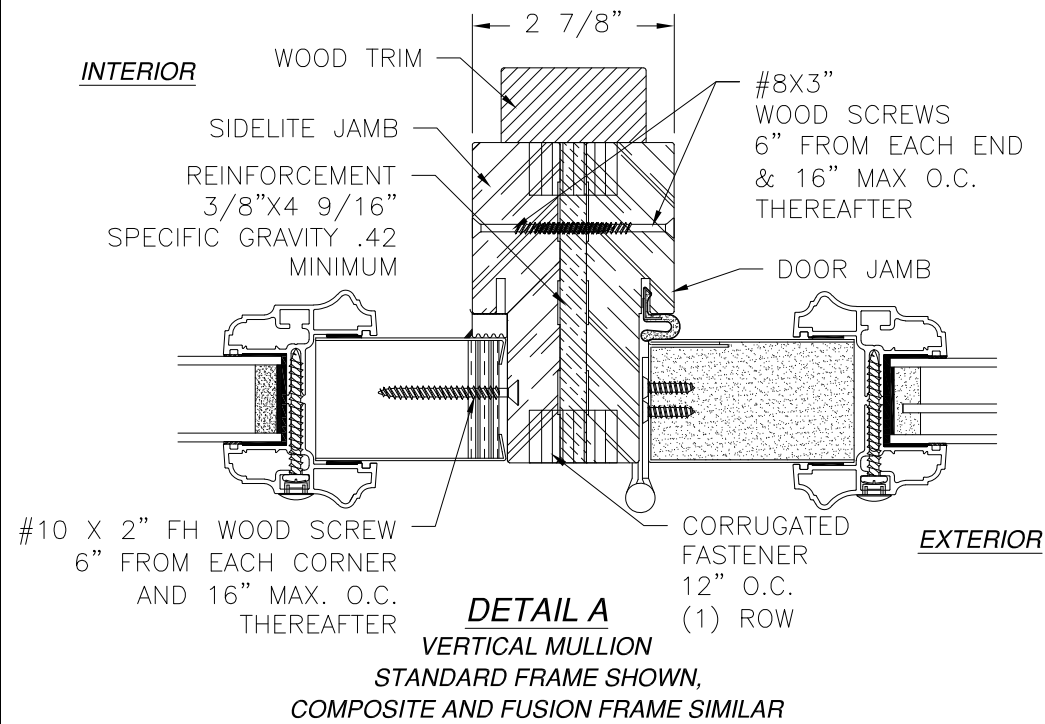
SIGNED: 11/27/2023

|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                  |                     |                   |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>COMPONENTS    |                     |                   |
| DRAWN:<br>N.G.                                                                                    | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS                                                                                      | DATE<br>06/19/13    | SHEET<br>13 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



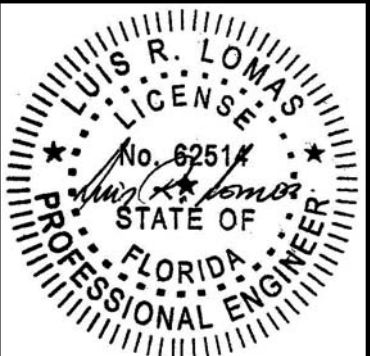
Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |

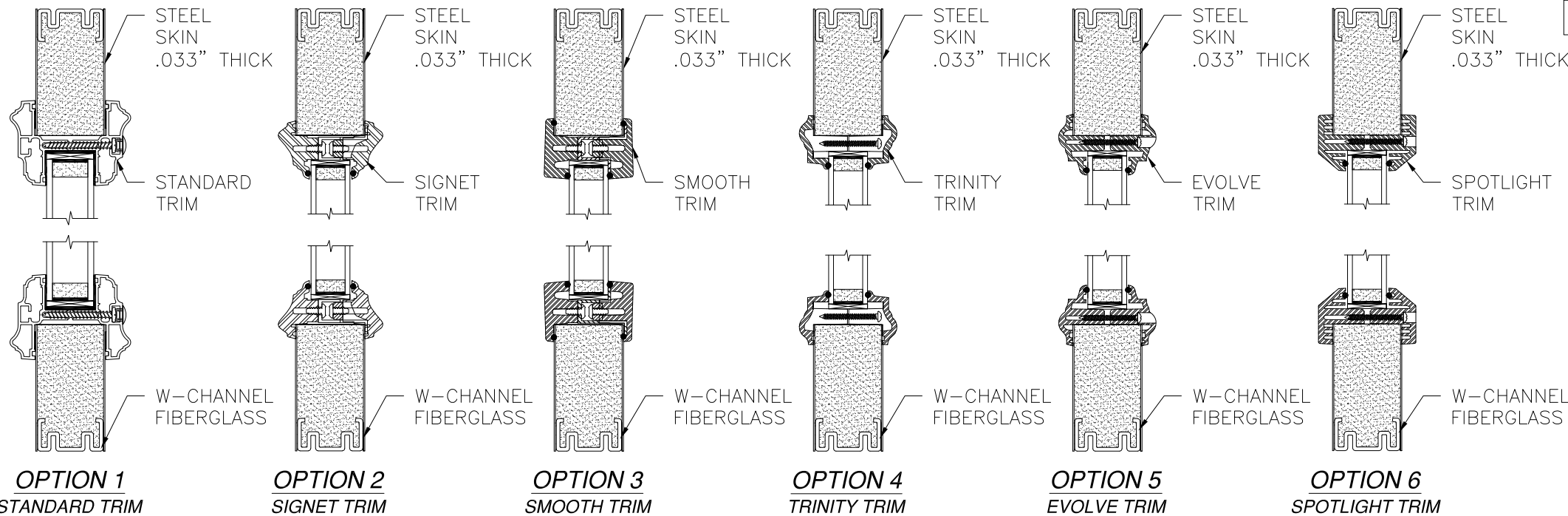


SIGNED: 11/27/2023

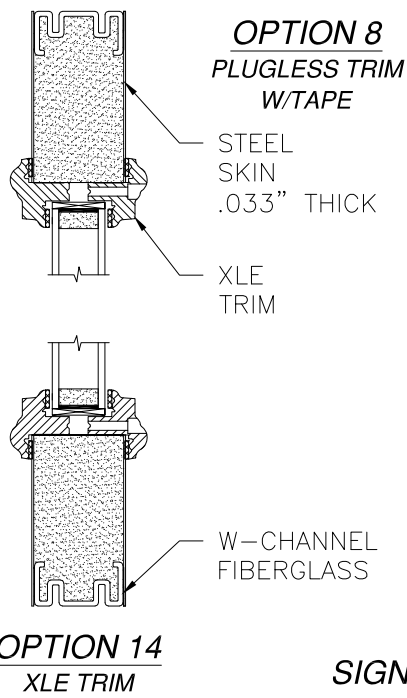
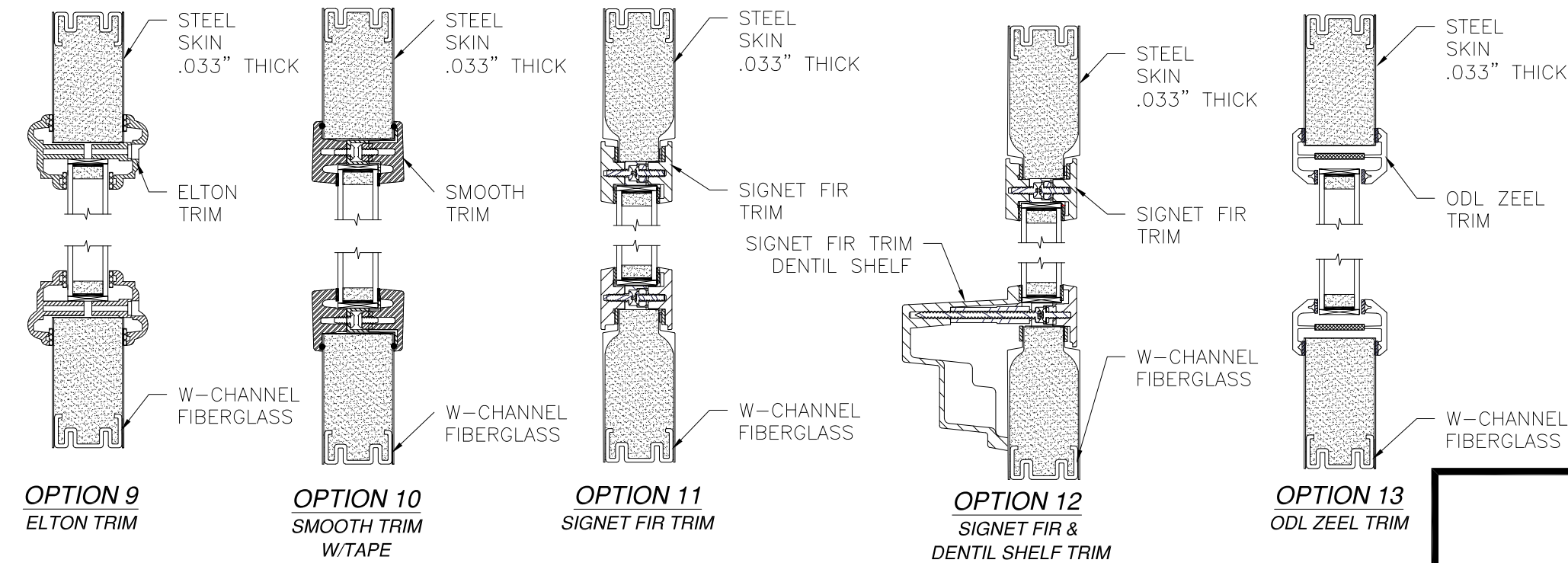
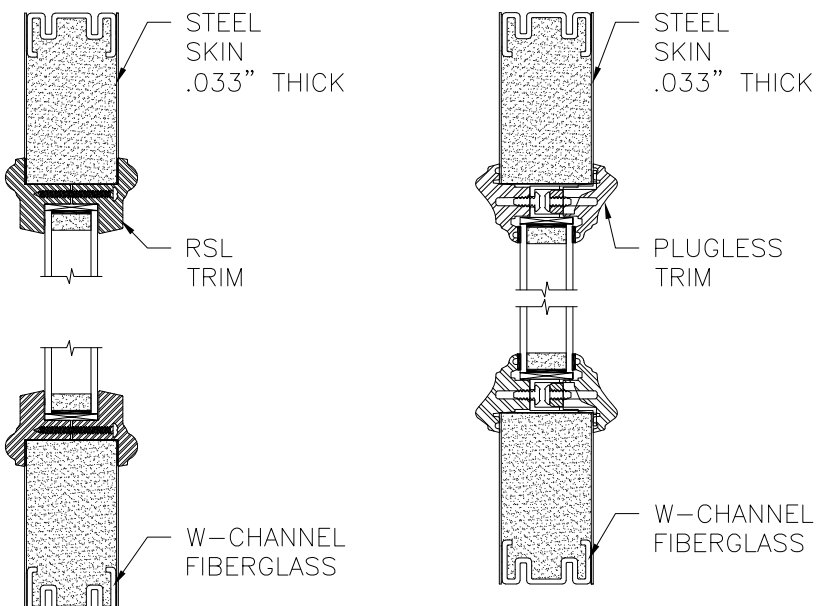
|                                                                                                                    |                     |                   |
|--------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                                   |                     |                   |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>MULLION DETAILS AND COMPONENTS |                     |                   |
| DRAWN:<br>N.G.                                                                                                     | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS                                                                                                       | DATE<br>06/19/13    | SHEET<br>14 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com                  |                     |                   |



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



| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**APPROVED SLABS AND TRIMS**

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
APPROVED SLABS AND TRIMS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

DATE  
06/19/13

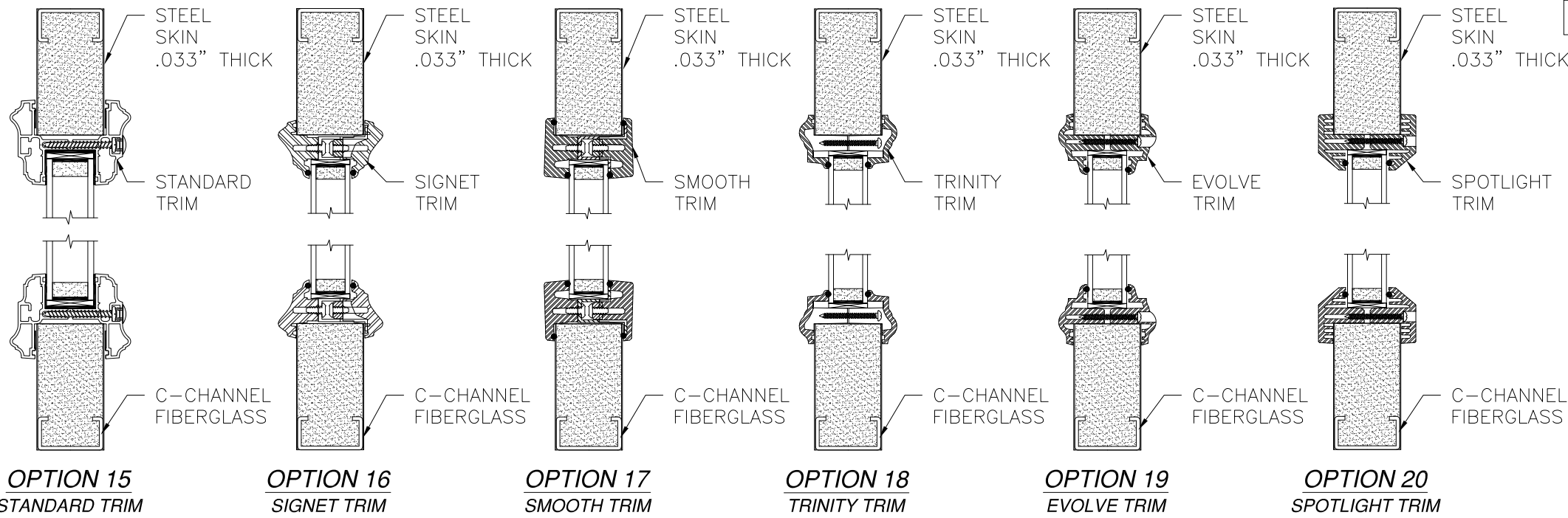
SHEET  
15 OF 18

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

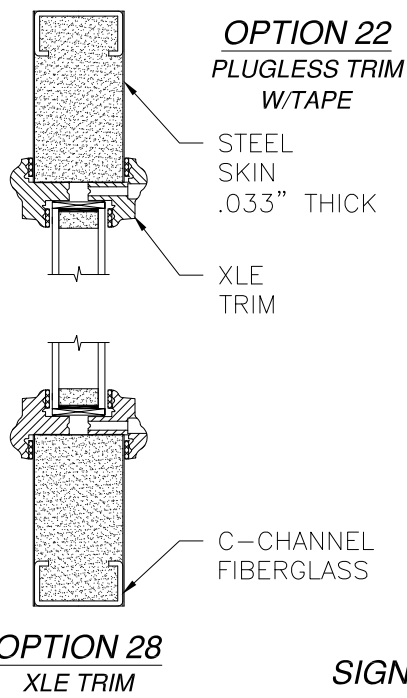
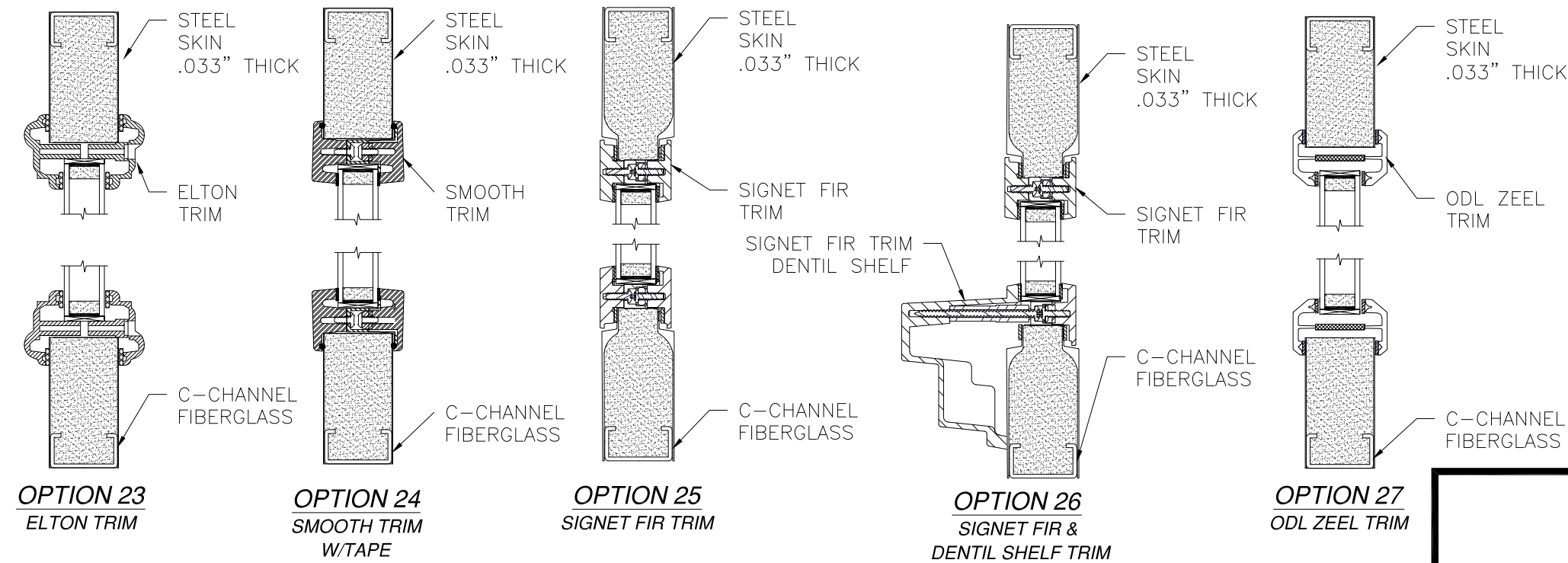
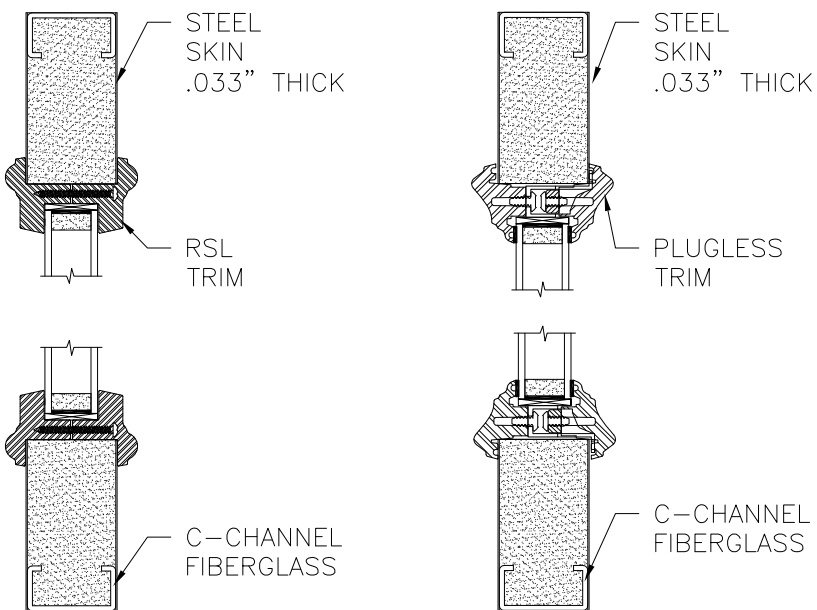
SIGNED: 11/27/2023



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



| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**APPROVED SLABS AND TRIMS**

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

STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR  
W/SIDELITES & TRANSOM NON-IMPACT  
APPROVED SLABS AND TRIMS

DRAWN:  
N.G.

DWG NO.  
08-02079

REV  
K

SCALE  
NTS

DATE  
06/19/13

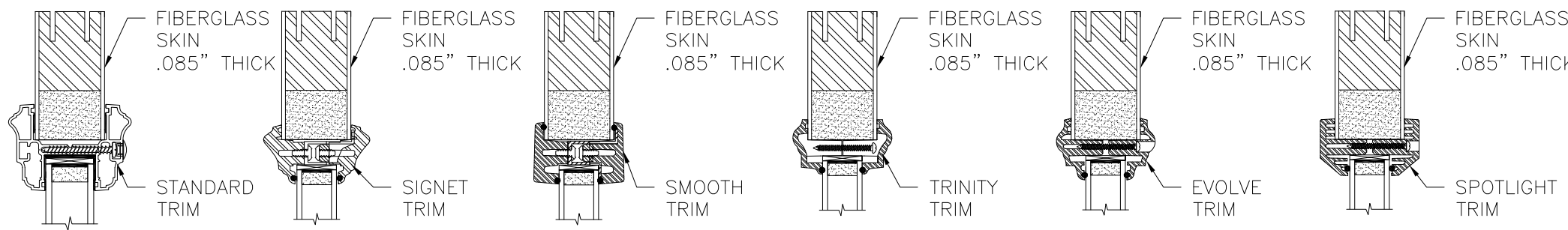
SHEET  
16 OF 18

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

SIGNED: 11/27/2023



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



**OPTION 29**  
STANDARD TRIM

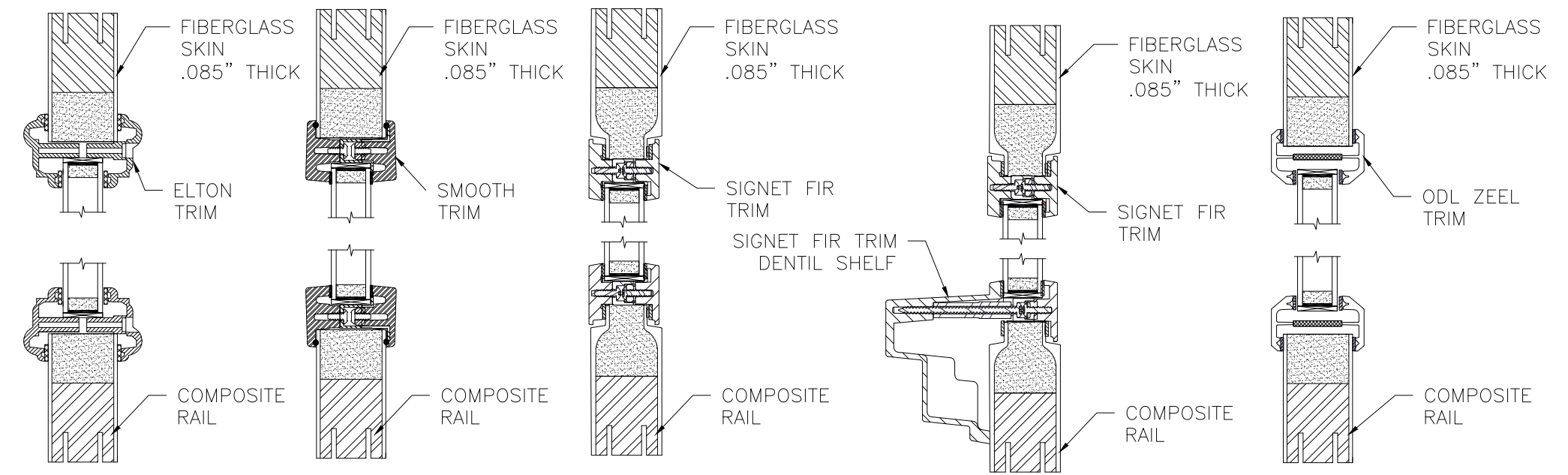
**OPTION 30**  
SIGNET TRIM

**OPTION 31**  
SMOOTH TRIM

**OPTION 32**  
TRINITY TRIM

**OPTION 33**  
EVOLVE TRIM

**OPTION 34**  
SPOTLIGHT TRIM



**OPTION 37**  
ELTON TRIM

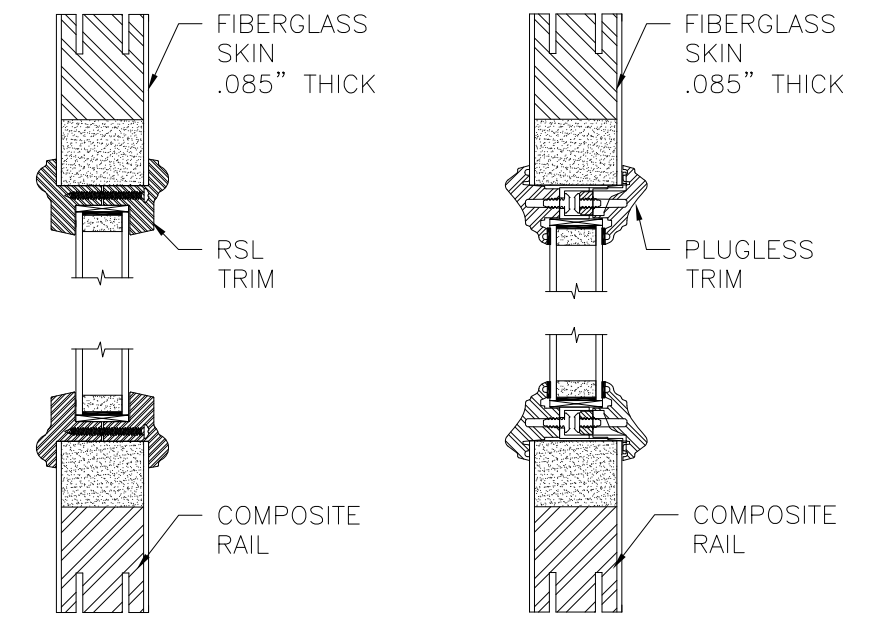
**OPTION 38**  
SMOOTH TRIM  
W/TAPE

**OPTION 39**  
SIGNET FIR TRIM

**OPTION 40**  
SIGNET FIR &  
DENTIL SHELF TRIM

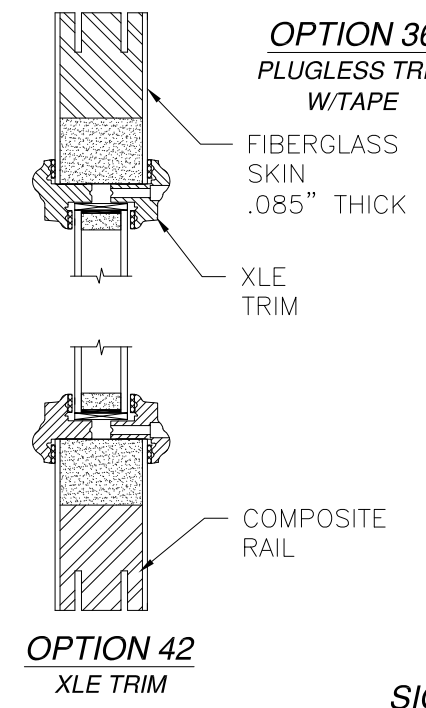
**OPTION 41**  
ODL ZEEL TRIM

| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



**OPTION 35**  
RSL TRIM

**OPTION 36**  
PLUGLESS TRIM  
W/TAPE



**OPTION 42**  
XLE TRIM

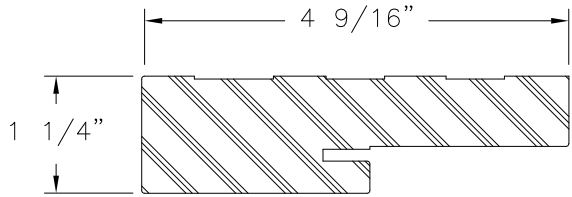
SIGNED: 11/27/2023

**APPROVED SLABS AND TRIMS**

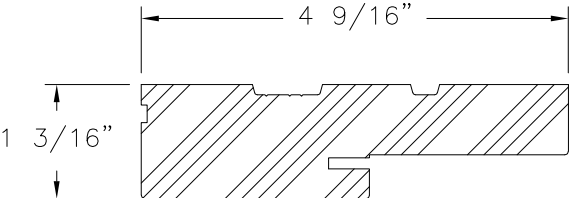
|                                                                                                              |                     |                   |
|--------------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                             |                     |                   |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>APPROVED SLABS AND TRIMS |                     |                   |
| DRAWN:<br>N.G.                                                                                               | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS                                                                                                 | DATE<br>06/19/13    | SHEET<br>17 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com            |                     |                   |

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

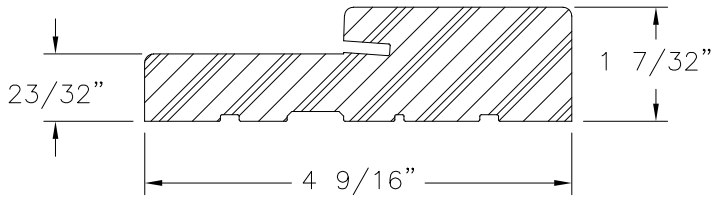
| REVISIONS |                                    |            |          |
|-----------|------------------------------------|------------|----------|
| REV       | DESCRIPTION                        | DATE       | APPROVED |
| K         | REVISE TRIMS AND HARDWARE SCHEDULE | 11/07/2023 | R.L.     |



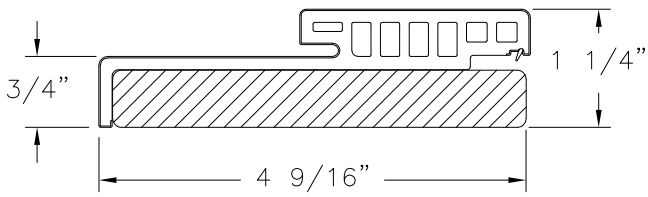
COMPOSITE FRAME PROFILE



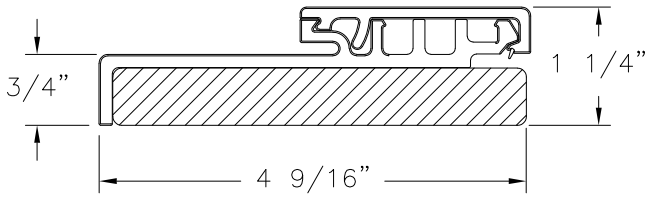
WOOD FRAME PROFILE



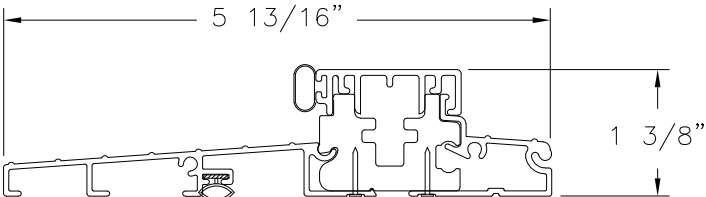
FRAMESAVER  
COMPOSITE



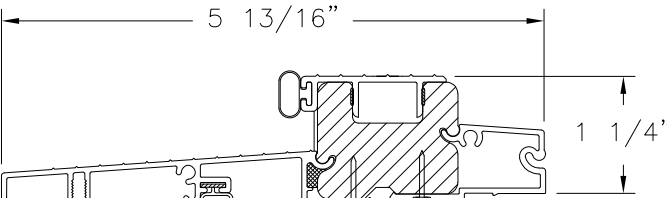
HYBRID HEAD  
WOOD/COMPOSITE



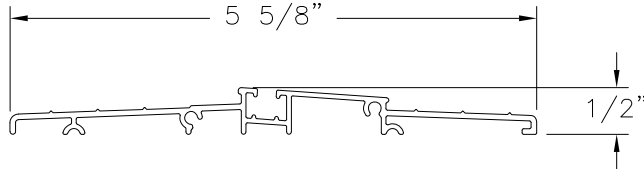
HYBRID JAMB  
WOOD/COMPOSITE



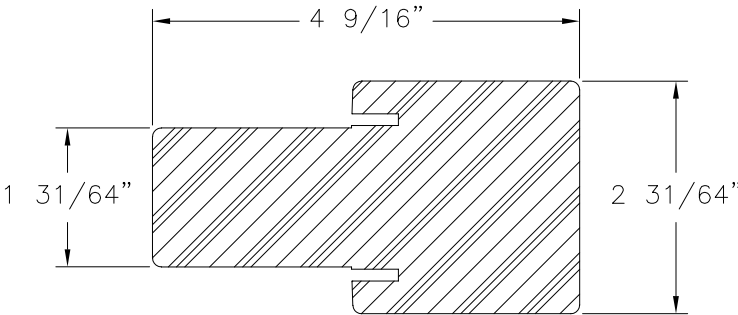
STANDARD OUTSWING THRESHOLD



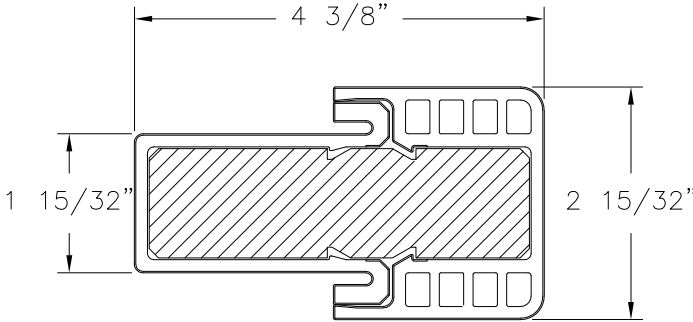
SAHARA OUTSWING THRESHOLD



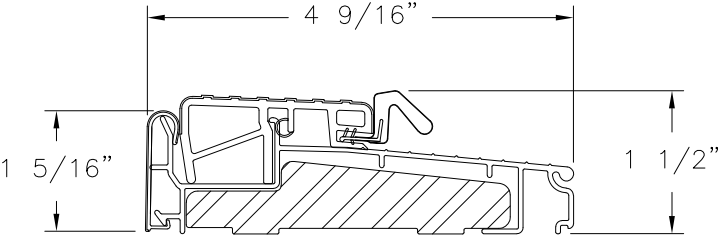
ADA THRESHOLD



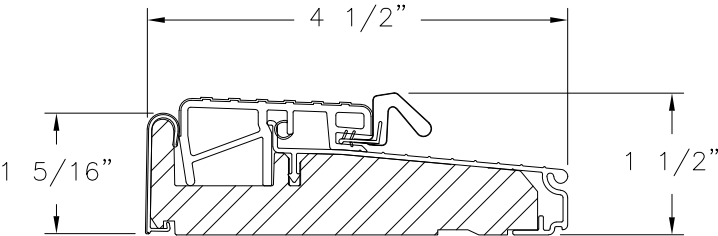
FAT BOY MULLION  
COMPOSITE



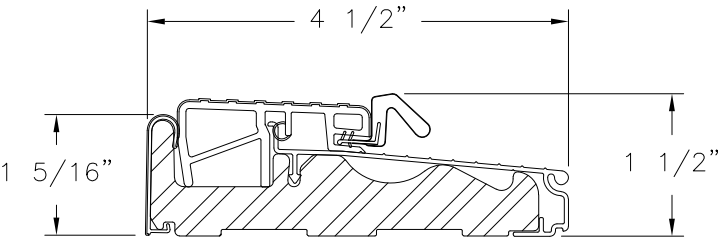
HYBRID FAT BOY MULLION  
COMPOSITE



OUTSWING SILL ZOBL4565



OUTSWING SILL ZOB4565F



OUTSWING SILL ZOBLH4565

SIGNED: 11/27/2023

|                                                                                                   |                     |                   |
|---------------------------------------------------------------------------------------------------|---------------------|-------------------|
| PROVIA, LLC.<br>2150 STATE ROUTE 39 WEST<br>SUGARCREEK, OH 44681                                  |                     |                   |
| STEEL/FIBERGLASS OUTSWING GLAZED DOUBLE DOOR<br>W/SIDELITES & TRANSOM NON-IMPACT<br>COMPONENTS    |                     |                   |
| DRAWN:<br>N.G.                                                                                    | DWG NO.<br>08-02079 | REV<br>K          |
| SCALE<br>NTS                                                                                      | DATE<br>06/19/13    | SHEET<br>18 OF 18 |
| L. ROBERTO LOMAS P.E.<br>208 7th Ave, INDIALANTIC, FL 32903<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



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