

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING 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.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1–1/2” WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
5. WHERE WOOD BUCK THICKNESS IS 1–1/2” OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER’S PUBLISHED INSTALLATION INSTRUCTIONS.
6. 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.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. FOR FIN INSTALLATION SHIM AS NEEDED. FOR FRAME INSTALLATION SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16” OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4”.
9. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: MAHOGANY.
12. UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 15 FOR GLASS DETAILS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING THROUGH FIN 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.
16. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4” ELCO CRETE–FLEX TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4” MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
18. 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.
19. ALL FASTENERS TO BE CORROSION RESISTANT.
20. 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 2,000 PSI.

C. MASONRY: GROUT FILLED PER ASTM C90 WITH Fm=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .125” THICK MINIMUM.

SIGNED: 03/25/2021

| TABLE OF CONTENTS |                                                 |
|-------------------|-------------------------------------------------|
| SHEET NO.         | DESCRIPTION                                     |
| 1                 | NOTES                                           |
| 2 – 3             | ELEVATIONS                                      |
| 4                 | HORIZONTAL CROSS SECTIONS                       |
| 5 – 13            | INSTALLATION DETAILS                            |
| 14 – 15           | COMPONENTS, GLAZING DETAIL & INSTALLATION PLATE |

REILLY WINDOWS & DOORS

901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI – HVHZ  
NOTES

DRAWN:  
N.G.

DWG NO.  
08–02838

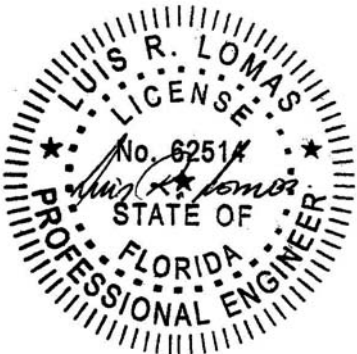
REV  
C

SCALE NTS

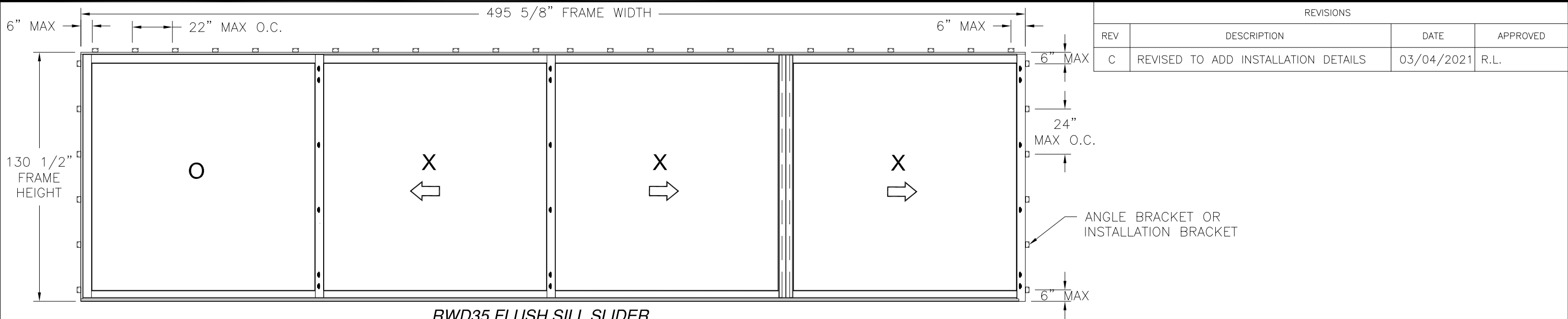
DATE 12/10/15

SHEET 1 OF 15

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



RWD35 FLUSH SILL SLIDER  
EXTERIOR VIEW

|                        |                                |
|------------------------|--------------------------------|
| DESIGN PRESSURE RATING | IMPACT RATING                  |
| ±40.0PSF               | LARGE AND SMALL MISSILE IMPACT |

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ  
(4) PANELS SHOWN. UP TO 4 PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAXIMUM FRAME AREA DOES NOT EXCEED = 674FT² AND USE VERTICAL CONDITIONS AS SHOWN. SEE CHART BELOW FOR OTHER SIZES RATINGS.

- NOTES:
- OPERABLE PANEL SIZE: 126 1/4" x 127"
  - FIXED PANEL SIZE: 126 1/4" X 127 3/8"
  - D.L.O.: 117" x 119"

CHART #1

| Design pressure capacity chart (psf) |                  |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |        |      |        |      |        |      |        |      |        |      |      |      |      |
|--------------------------------------|------------------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|--------|------|--------|------|--------|------|--------|------|--------|------|------|------|------|
| Panel Height (in)                    | Panel Width (in) |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |       |      |        |      |        |      |        |      |        |      |        |      |      |      |      |
|                                      | 24.00            |      | 30.00 |      | 36.00 |      | 42.00 |      | 48.00 |      | 54.00 |      | 60.00 |      | 66.00 |      | 72.00 |      | 78.00 |      | 84.00 |      | 90.00 |      | 96.00 |      | 102.00 |      | 108.00 |      | 114.00 |      | 120.00 |      | 126.25 |      |      |      |      |
|                                      | Pos              | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos   | Neg  | Pos    | Neg  | Pos    | Neg  | Pos    | Neg  | Pos    | Neg  | Pos    | Neg  |      |      |      |
| 80.00                                | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 |      |      |      |
| 84.00                                | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0 |      |      |
| 90.00                                | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0 |      |      |
| 96.00                                | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 52.9 | 52.9 |      |      |
| 102.00                               | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 52.4   | 52.4 | 49.8 | 49.8 |      |
| 108.00                               | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 52.1   | 52.1 | 49.5   | 49.5 | 47.0 | 47.0 |      |
| 114.00                               | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 52.1   | 52.1 | 49.3   | 49.3 | 46.9   | 46.9 | 44.6 | 44.6 |      |
| 120.00                               | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0 | 55.0 |      |
| 126.00                               | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0 | 55.0 | 55.0 |
| 127.00                               | 55.0             | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0  | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0   | 55.0 | 55.0 | 55.0 | 55.0 |

SIGNED: 03/25/2021

| HARDWARE SCHEDULE |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| A.                | (6) CARRIAGE ROLLER KIT (LAR2500012) AT THE BOTTOM OF EACH STILE               |
| B.                | (15) INTERLOCKS BY GU AT 6" FROM HEAD AND SILL AND 34" MAX. O.C. AT EACH STILE |
| C.                | (2) STEEL CHANNEL REINFORCEMENT (C 3X4.1) AT MEETING STILE                     |
| D.                | (2) ALUMINUM CHANNEL REINFORCEMENT AT MEETING STILE                            |
| E.                | (4) STEEL CHANNEL REINFORCEMENT AT INTERLOCK STILES                            |
| F.                | (3) BOTTOM RAIL CARRIAGE AT BOTTOM OF EACH OPERABLE SASH                       |
| G.                | (9) ALUMINUM U CHANNEL 3 PER SASH SPACED BETWEEN ROLLERS                       |
| H.                | (6) TOP GEAR GUIDE ON TOP CORNER OF SASHES                                     |

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI – HVHZ  
ELEVATION

DRAWN:  
N.G.

DWG NO.  
08-02838

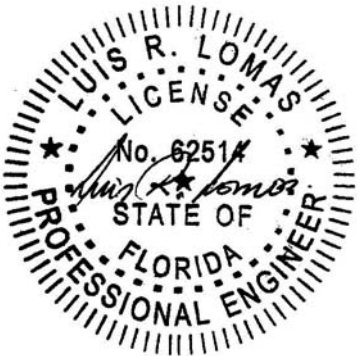
REV  
C

SCALE  
NTS

DATE  
12/10/15

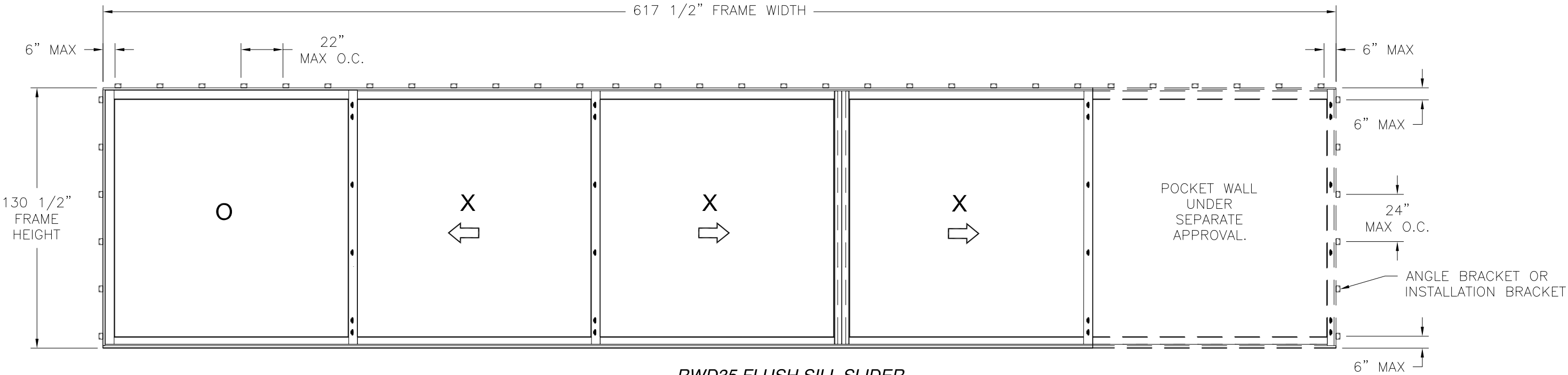
SHEET  
2 OF 15

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



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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



**RWD35 FLUSH SILL SLIDER**  
EXTERIOR VIEW WITH POCKET INSTALLATION

| DESIGN PRESSURE RATING | IMPACT RATING                         |
|------------------------|---------------------------------------|
| <b>±40.0PSF</b>        | <b>LARGE AND SMALL MISSILE IMPACT</b> |

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

(4) PANELS SHOWN. UP TO 4 PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAXIMUM FRAME AREA DOES NOT EXCEED = 674FT² AND USE VERTICAL CONDITIONS AS SHOWN. SEE CHART IN SHEET 2 FOR OTHER SIZES RATINGS.

- NOTES:
1. OPERABLE PANEL SIZE: 126 1/4" x 127"
  2. FIXED PANEL SIZE: 126 1/4" X 127 3/8"
  3. D.L.O.: 117" x 119"

| HARDWARE SCHEDULE |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| A.                | (6) CARRIAGE ROLLER KIT (LAR2500012) AT THE BOTTOM OF EACH STILE               |
| B.                | (15) INTERLOCKS BY GU AT 6" FROM HEAD AND SILL AND 34" MAX. O.C. AT EACH STILE |
| C.                | (2) STEEL CHANNEL REINFORCEMENT (C 3X4.1) AT MEETING STILE                     |
| D.                | (2) ALUMINUM CHANNEL REINFORCEMENT AT MEETING STILE                            |
| E.                | (4) STEEL CHANNEL REINFORCEMENT AT INTERLOCK STILES                            |
| F.                | (3) BOTTOM RAIL CARRIAGE AT BOTTOM OF EACH OPERABLE SASH                       |
| G.                | (9) ALUMINUM U CHANNEL 3 PER SASH SPACED BETWEEN ROLLERS                       |
| H.                | (6) TOP GEAR GUIDE ON TOP CORNER OF SASHES                                     |

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI – HVHZ  
ELEVATION WITH POCKET

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

SCALE  
NTS

DATE  
12/10/15

SHEET  
3 OF 15

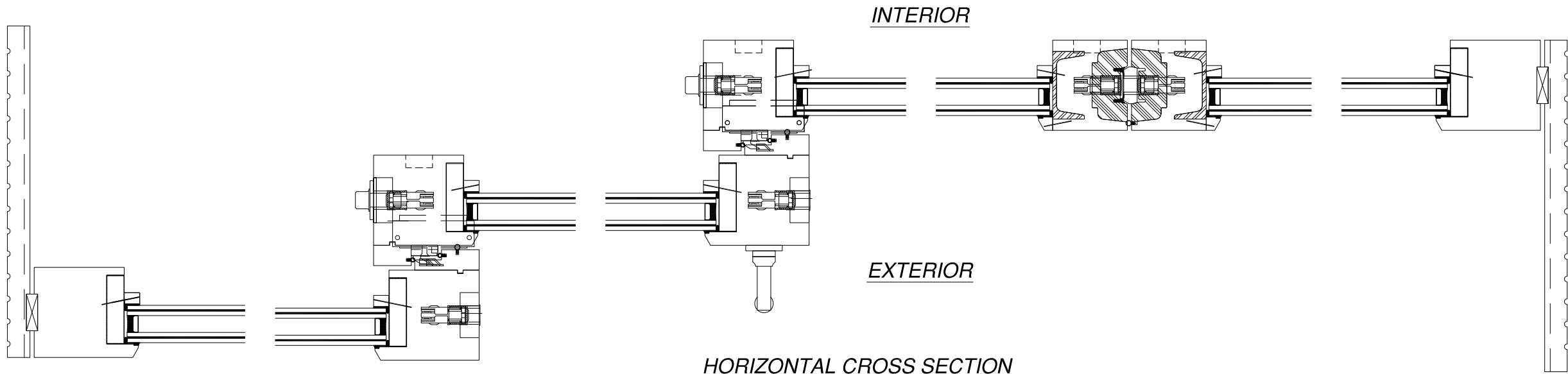
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 03/25/2021

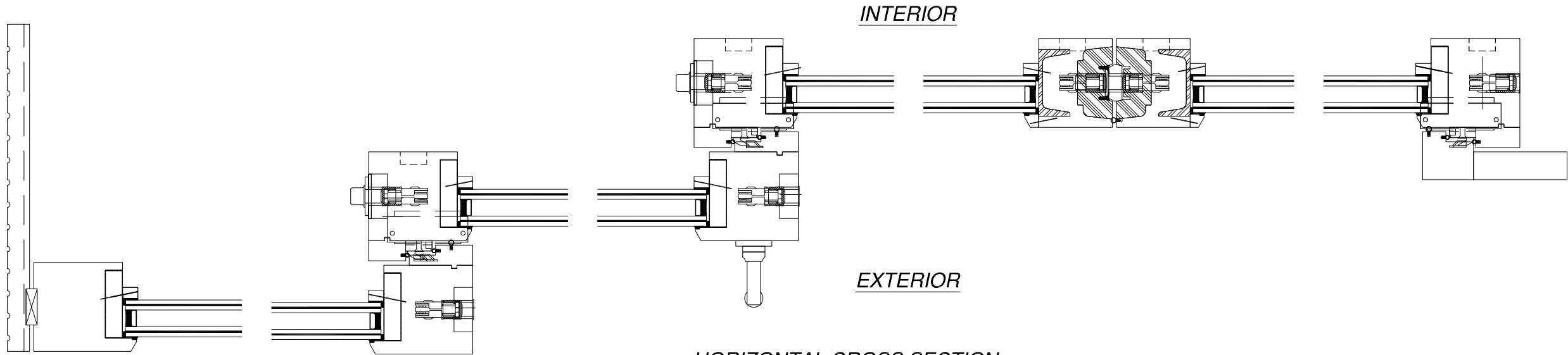


Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



HORIZONTAL CROSS SECTION  
STANDARD INSTALLATION



HORIZONTAL CROSS SECTION  
WITH POCKET

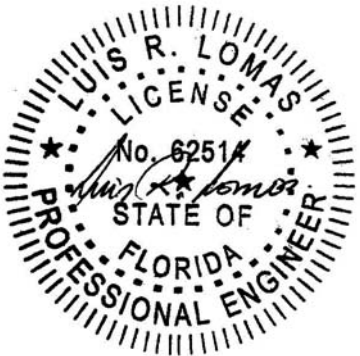
SIGNED: 03/25/2021

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
HORIZONTAL CROSS SECTIONS

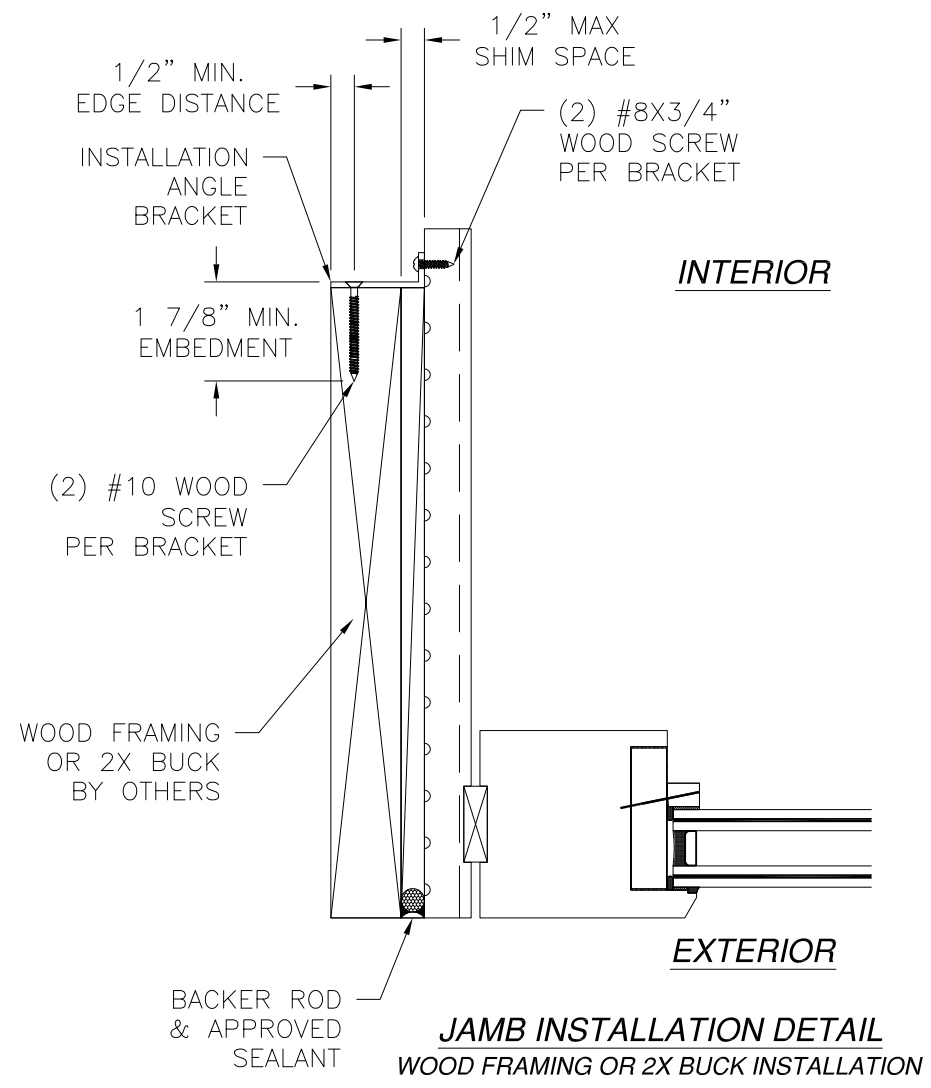
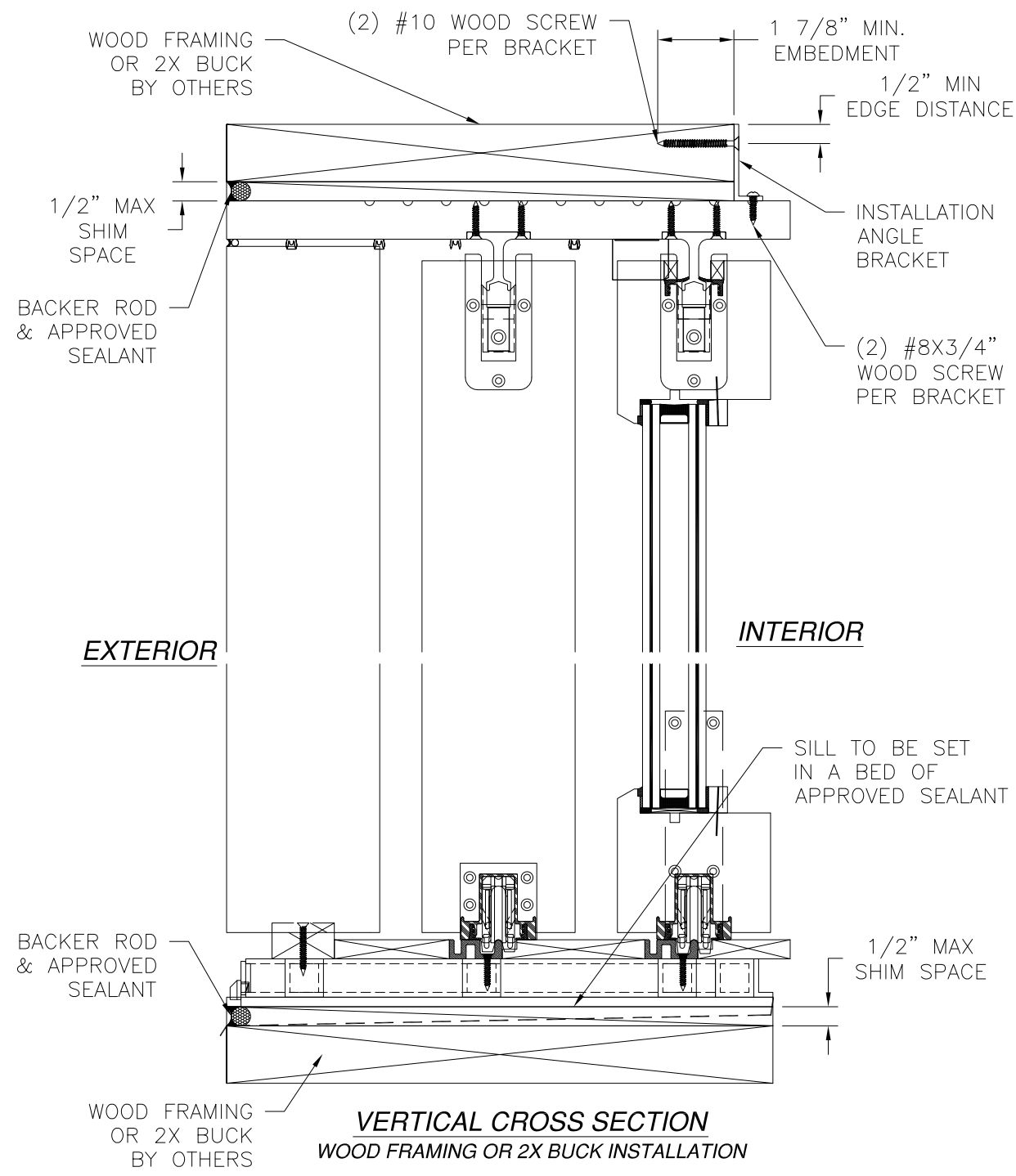
|                |                     |                  |
|----------------|---------------------|------------------|
| DRAWN:<br>N.G. | DWG NO.<br>08-02838 | REV<br>C         |
| SCALE<br>NTS   | DATE<br>12/10/15    | SHEET<br>4 OF 15 |

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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | 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

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
INSTALLATION DETAILS W/INSTALLATION ANGLE

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

SCALE  
NTS

DATE  
12/10/15

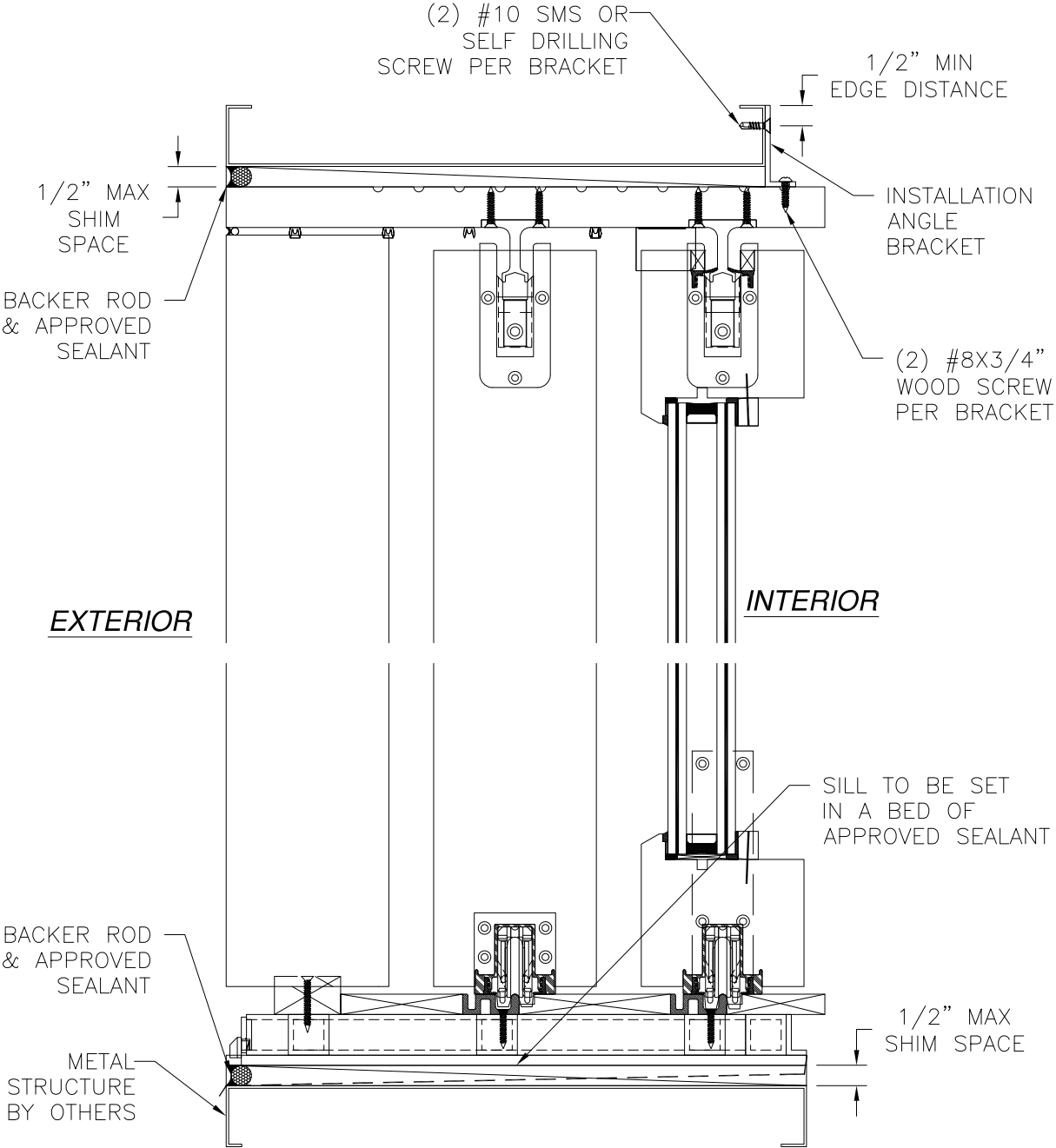
SHEET  
5 OF 15

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

SIGNED: 03/25/2021

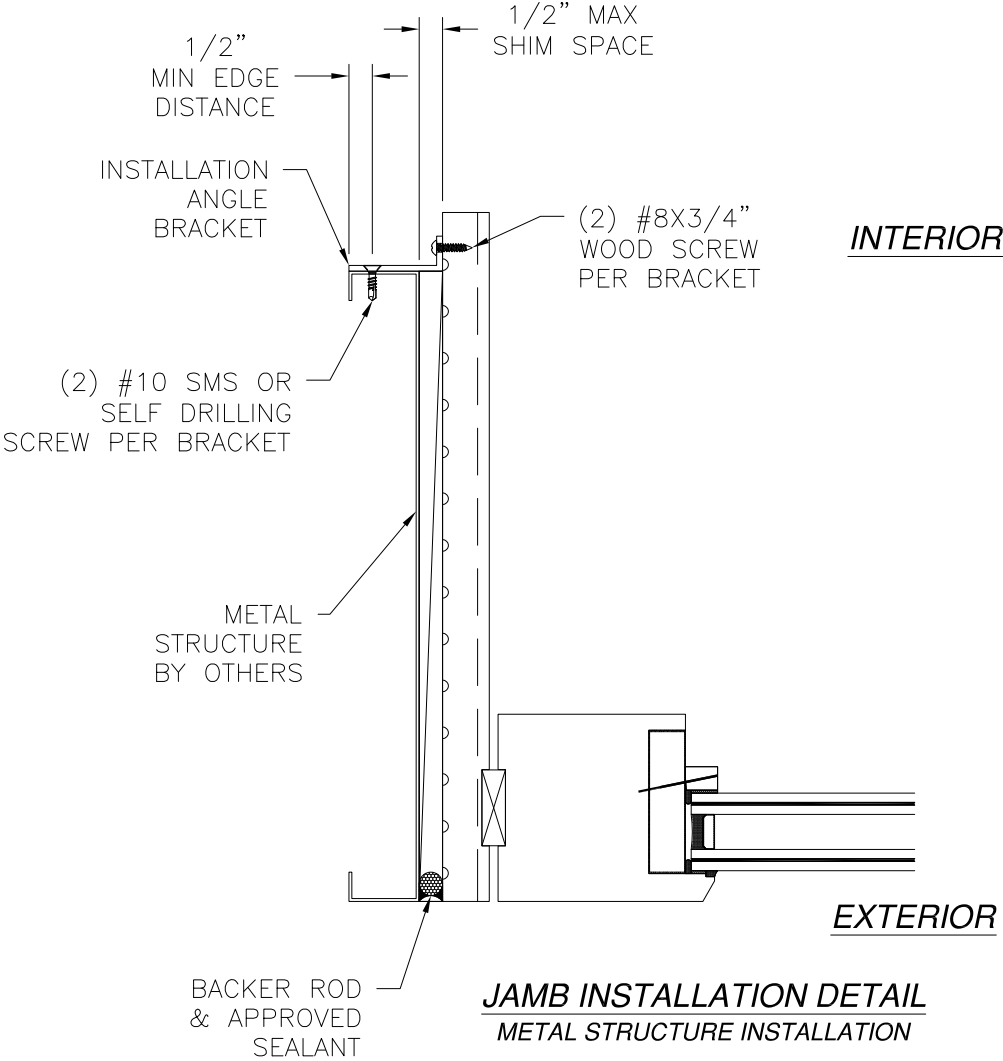
Luis R. Lomas P.E.  
FL No.: 62514

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION

- 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



**JAMB INSTALLATION DETAIL**  
METAL STRUCTURE INSTALLATION

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
INSTALLATION DETAILS W/INSTALLATION ANGLE

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

SCALE  
NTS

DATE  
12/10/15

SHEET  
6 OF 15

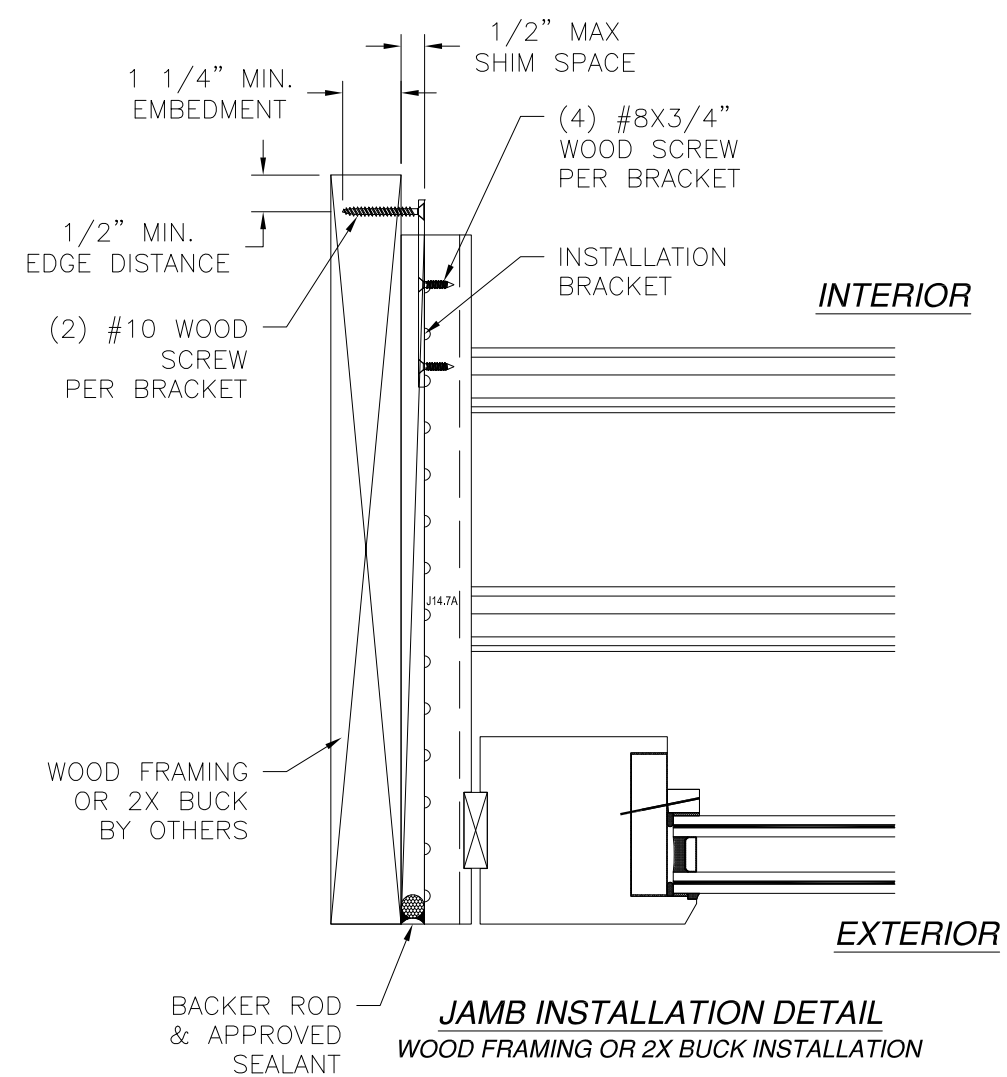
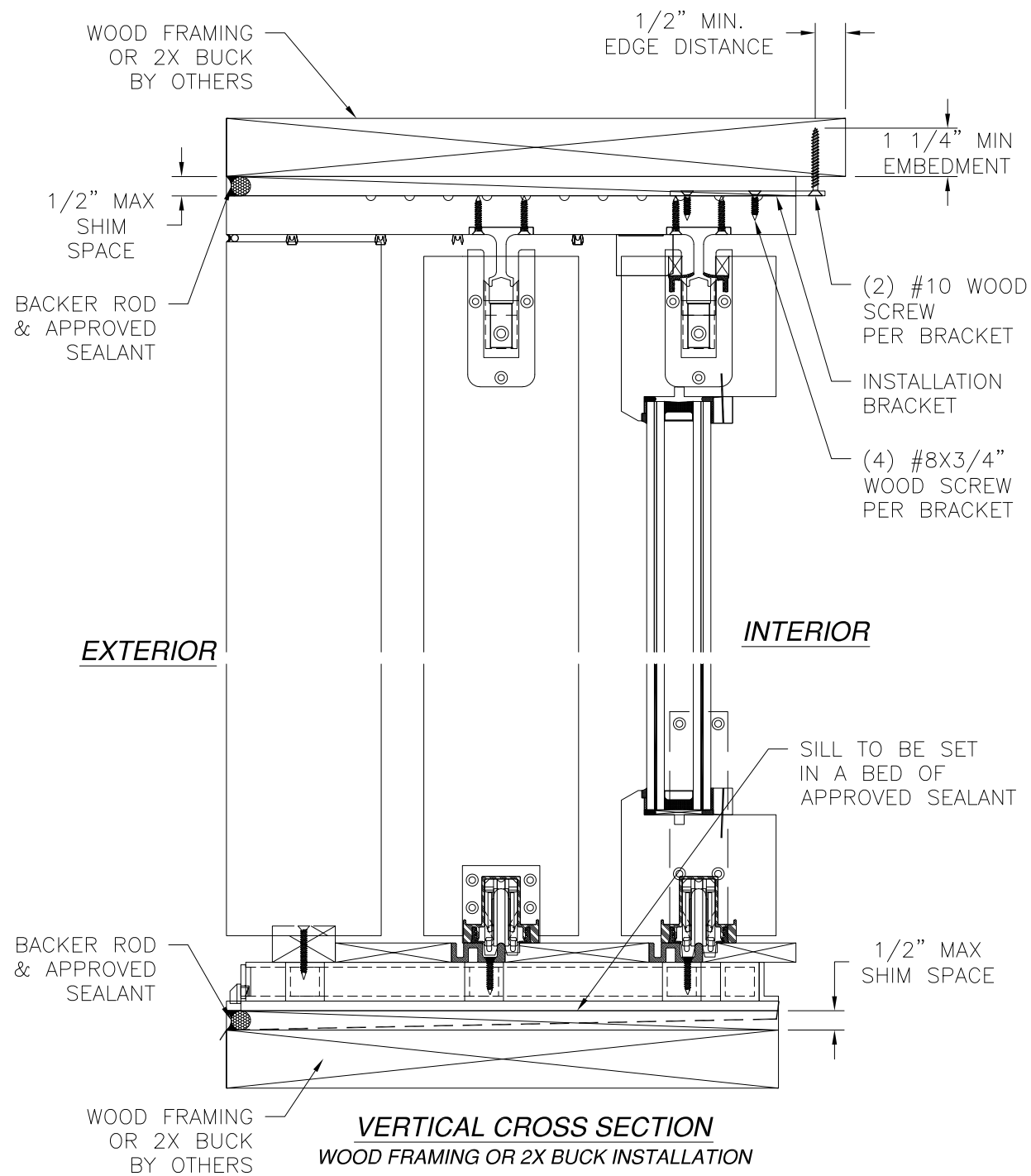
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 03/25/2021



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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | 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

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
INSTALLATION DETAILS W/INSTALLATION BRACKET

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

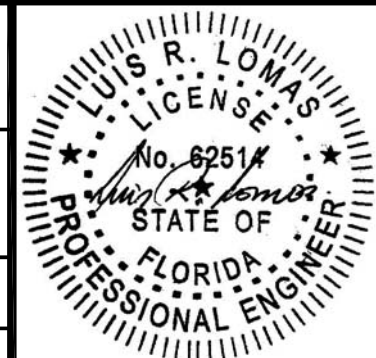
SCALE NTS

DATE 12/10/15

SHEET 7 OF 15

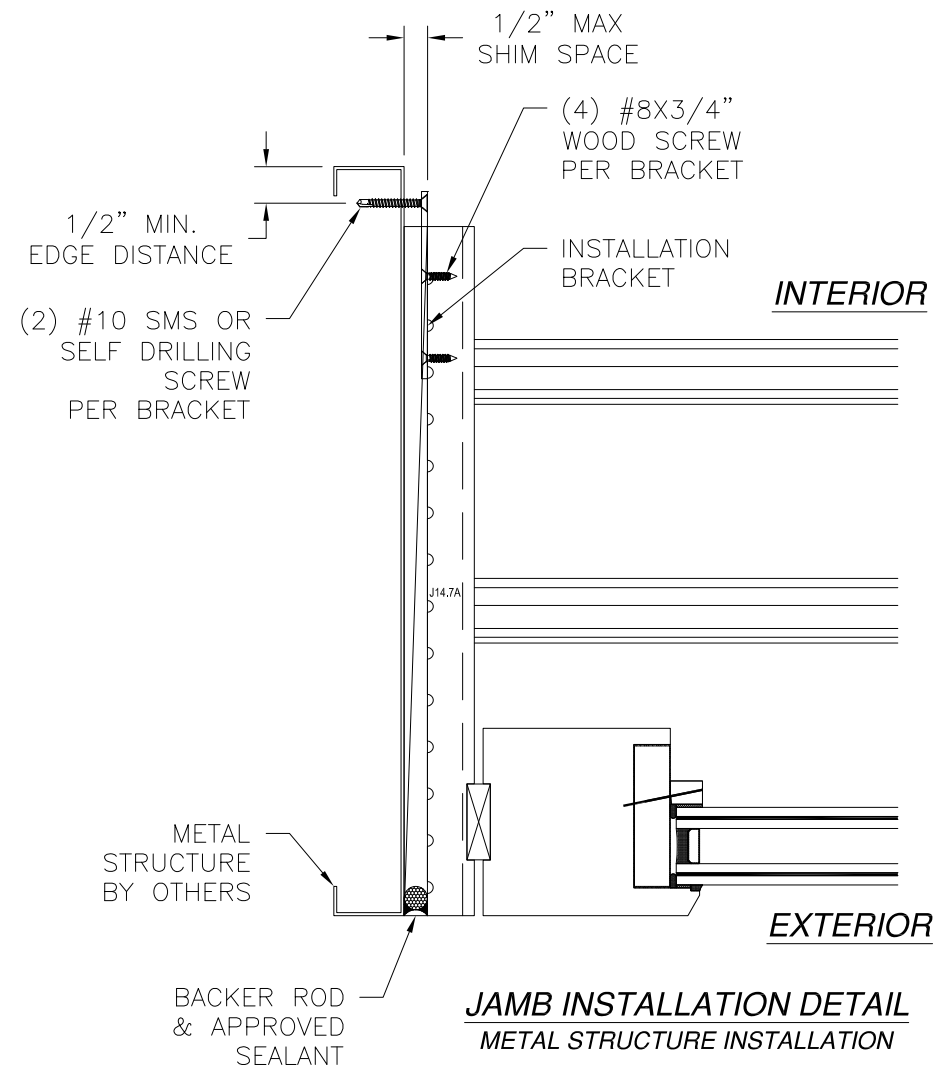
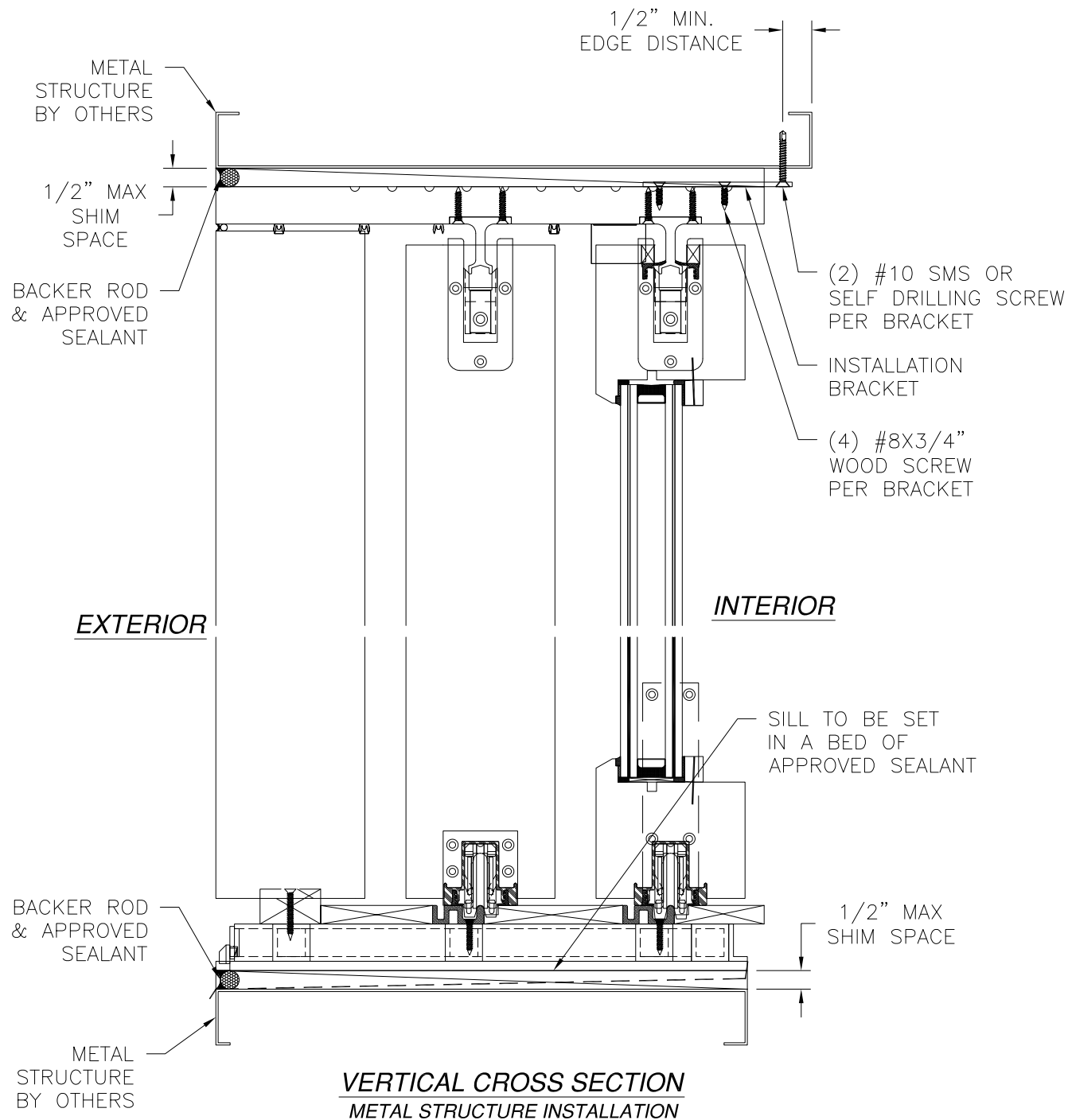
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 03/25/2021



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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | 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

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
INSTALLATION DETAILS W/INSTALLATION BRACKET

DRAWN: N.G.

DWG NO. 08-02838

REV C

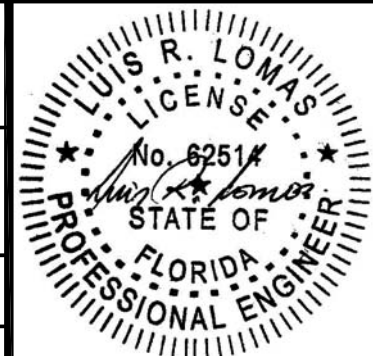
SCALE NTS

DATE 12/10/15

SHEET 8 OF 15

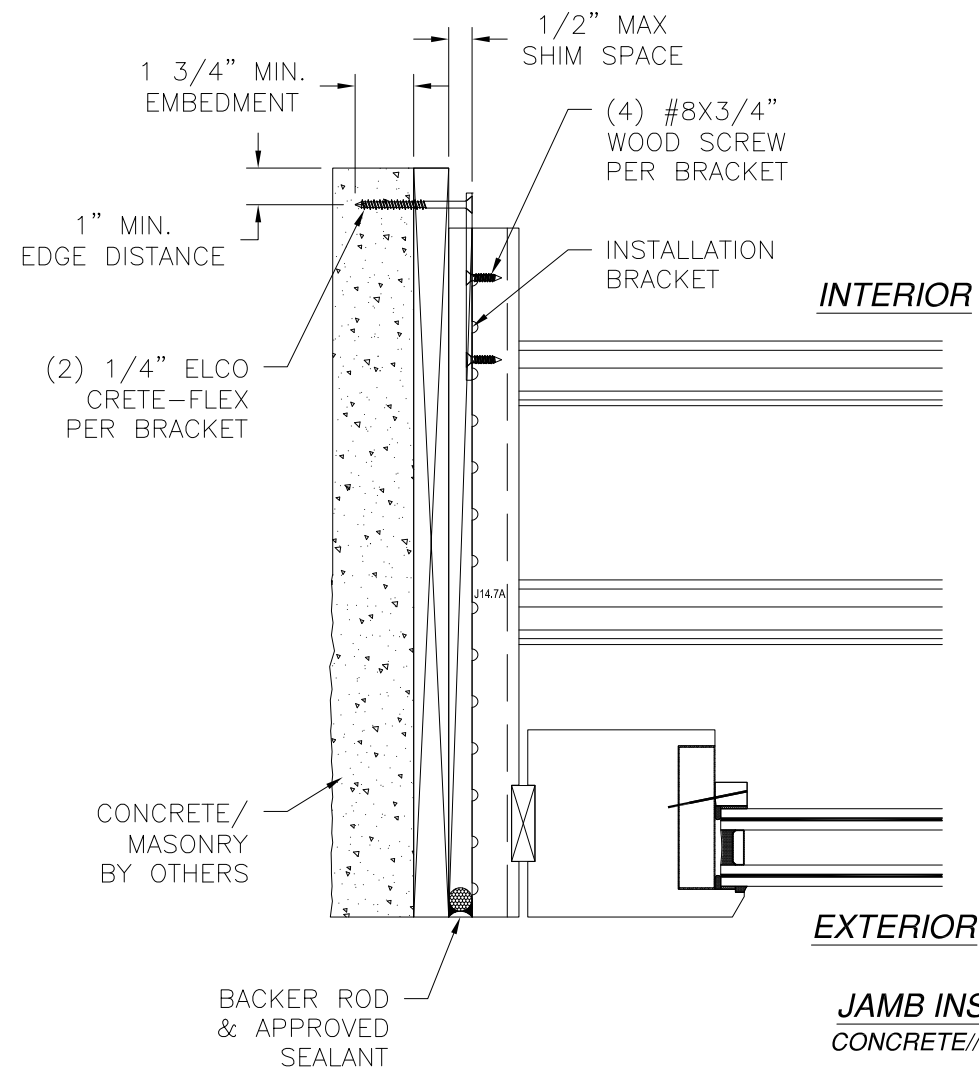
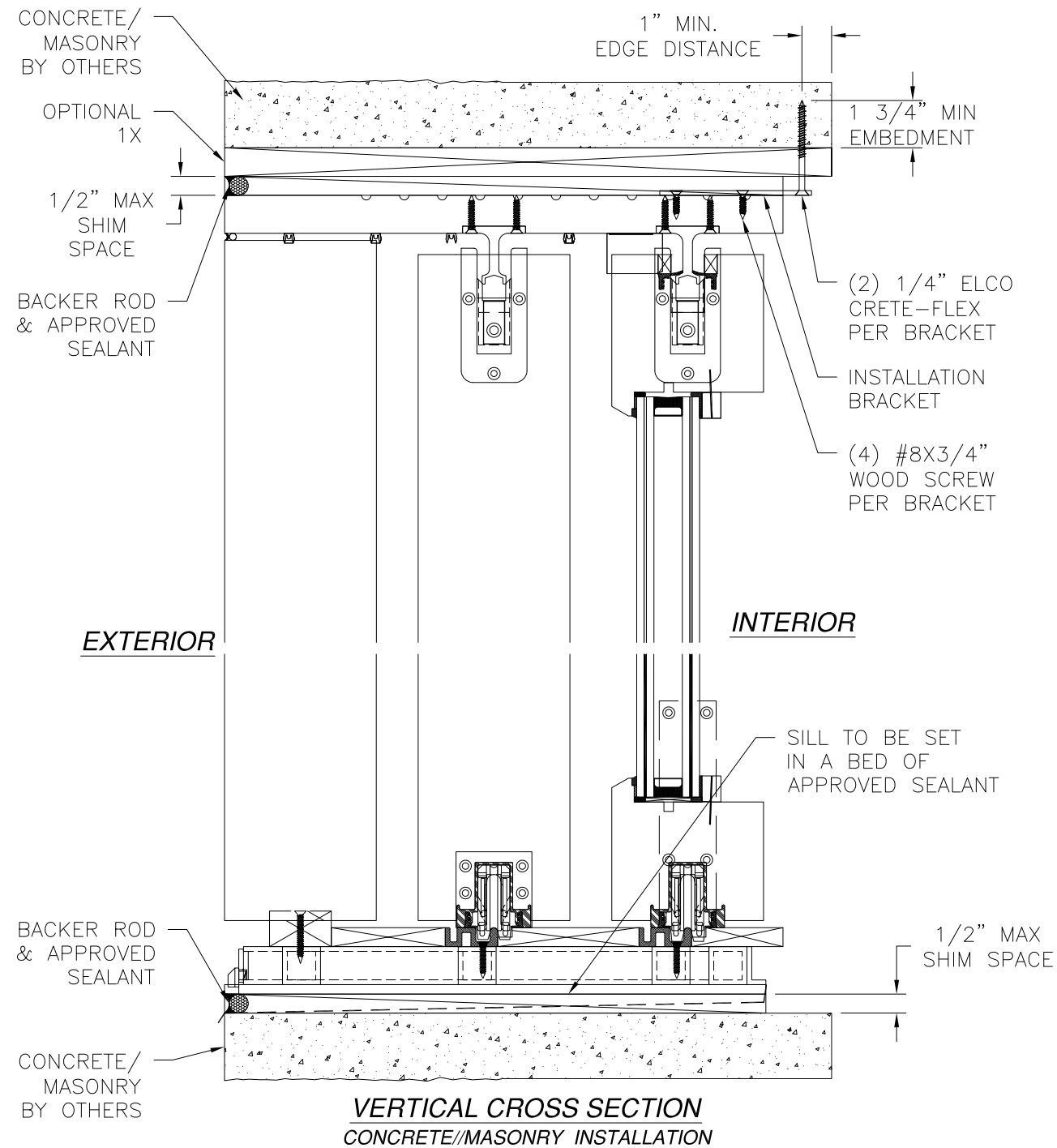
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 03/25/2021



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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | 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

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
INSTALLATION DETAILS W/INSTALLATION BRACKET

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

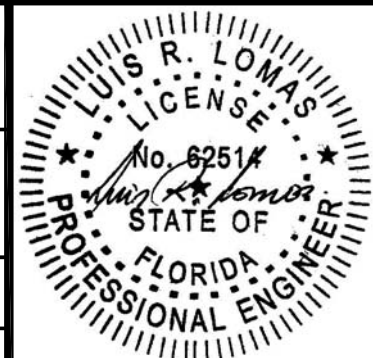
SCALE  
NTS

DATE  
12/10/15

SHEET  
9 OF 15

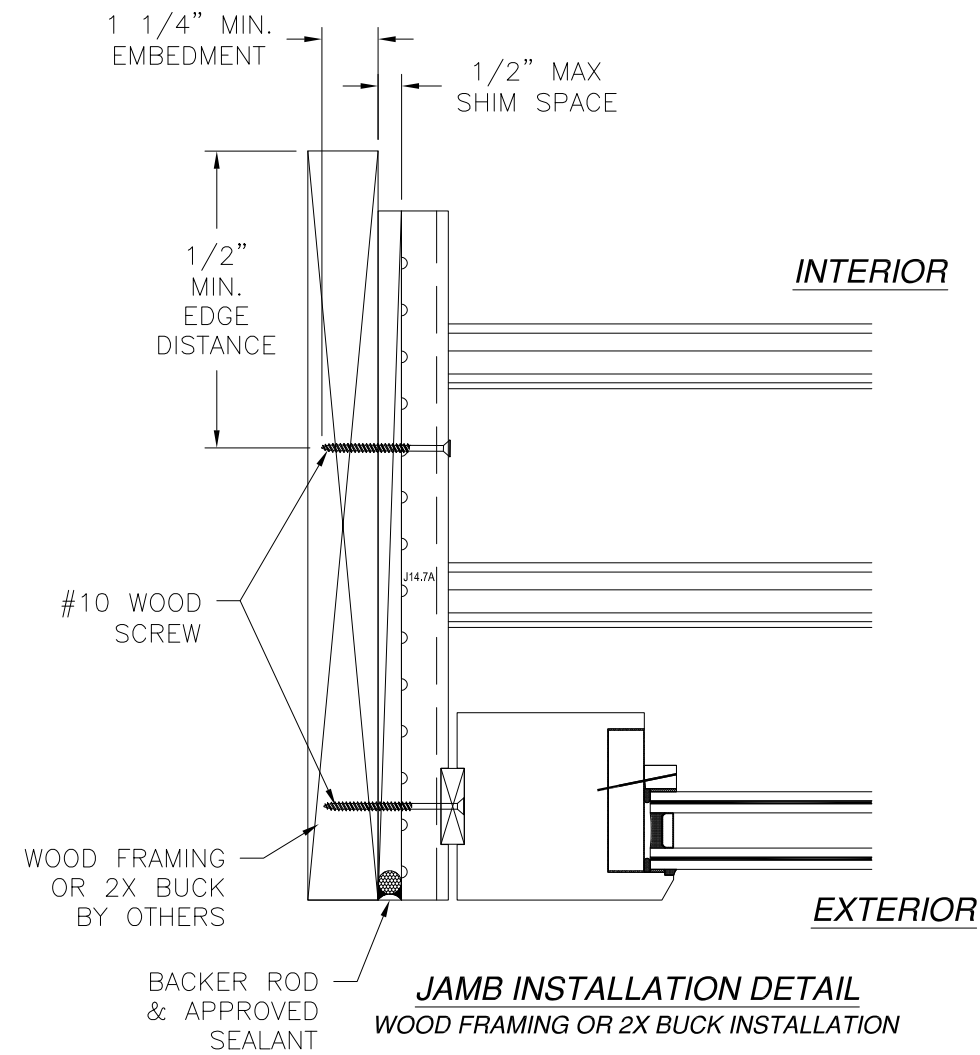
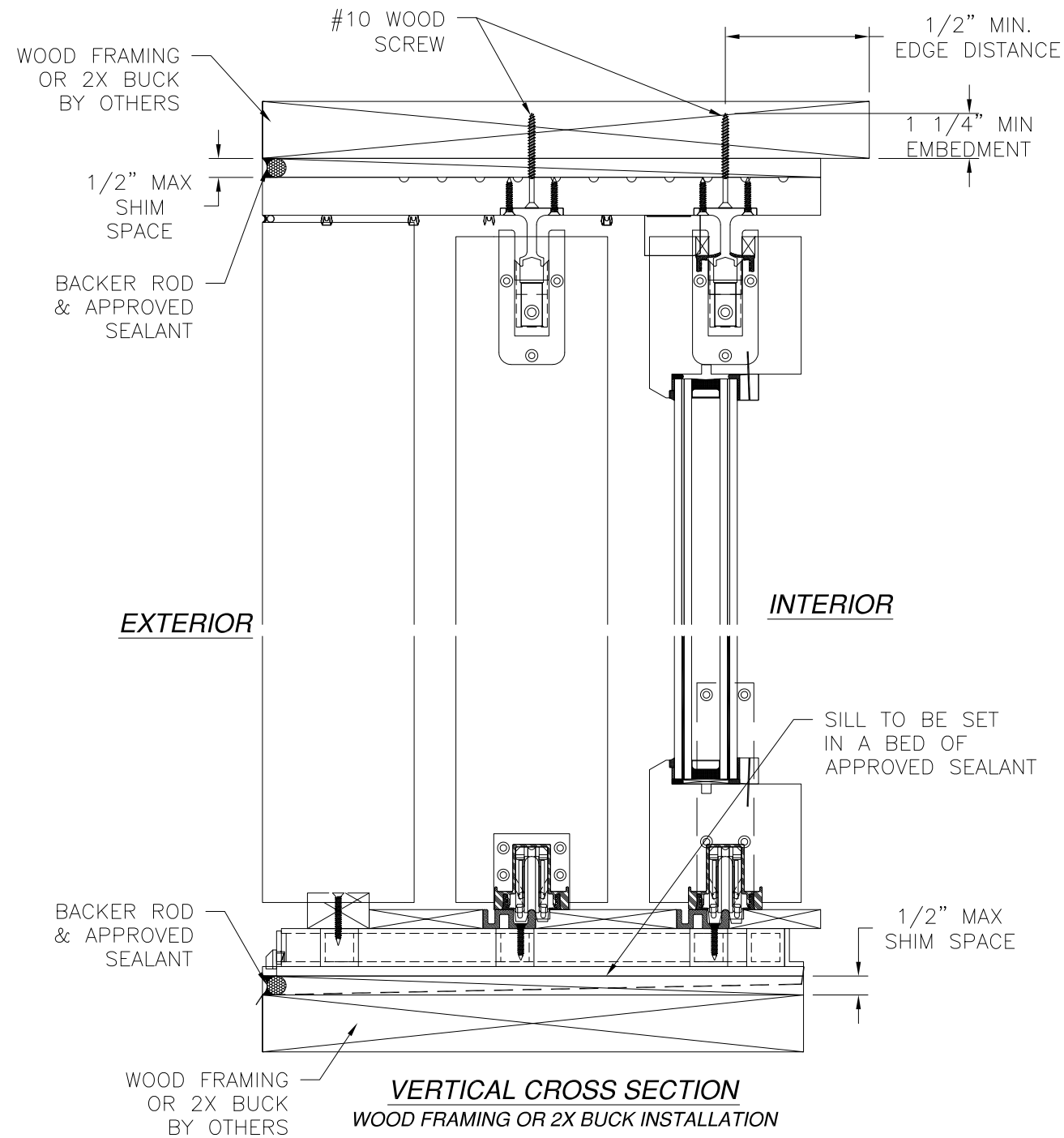
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 03/25/2021



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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | 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

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
FRAME INSTALLATION DETAILS

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

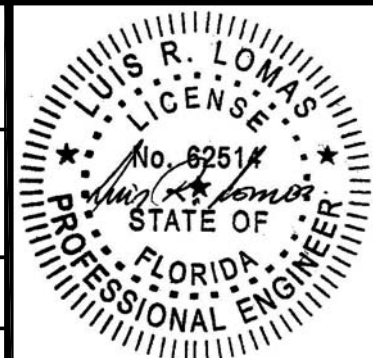
SCALE  
NTS

DATE  
12/10/15

SHEET  
10 OF 15

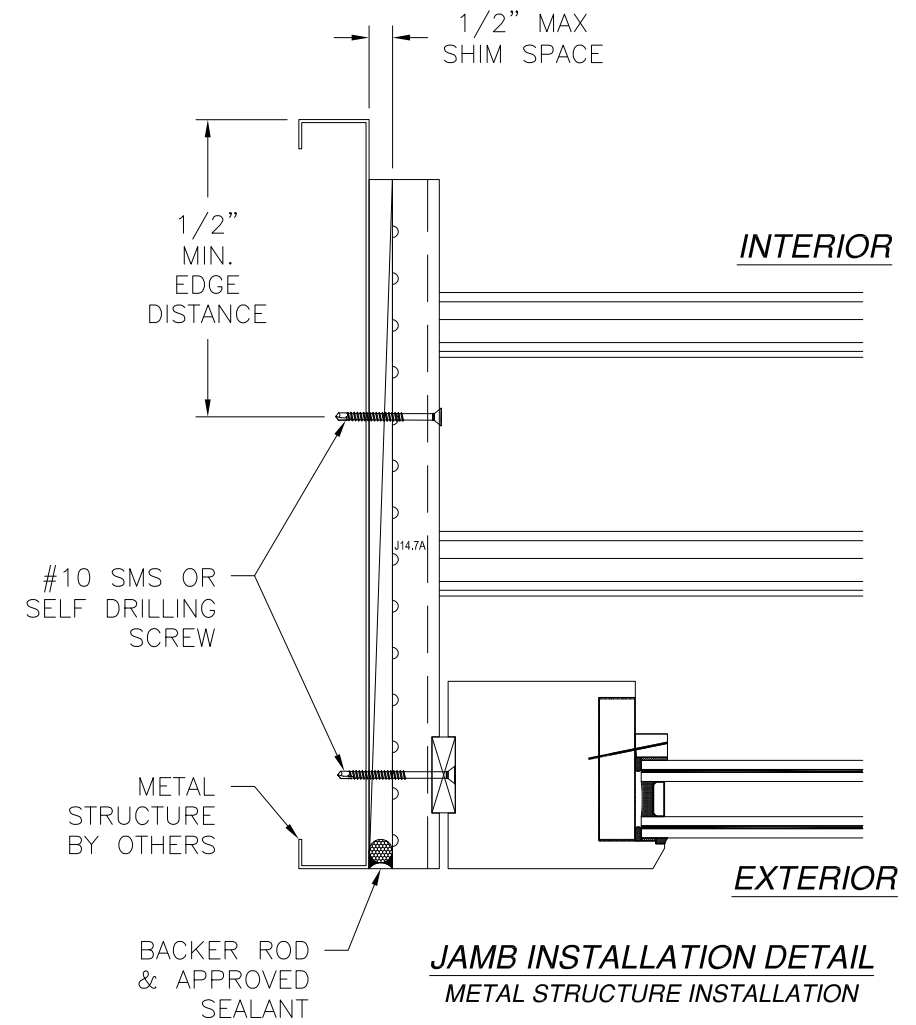
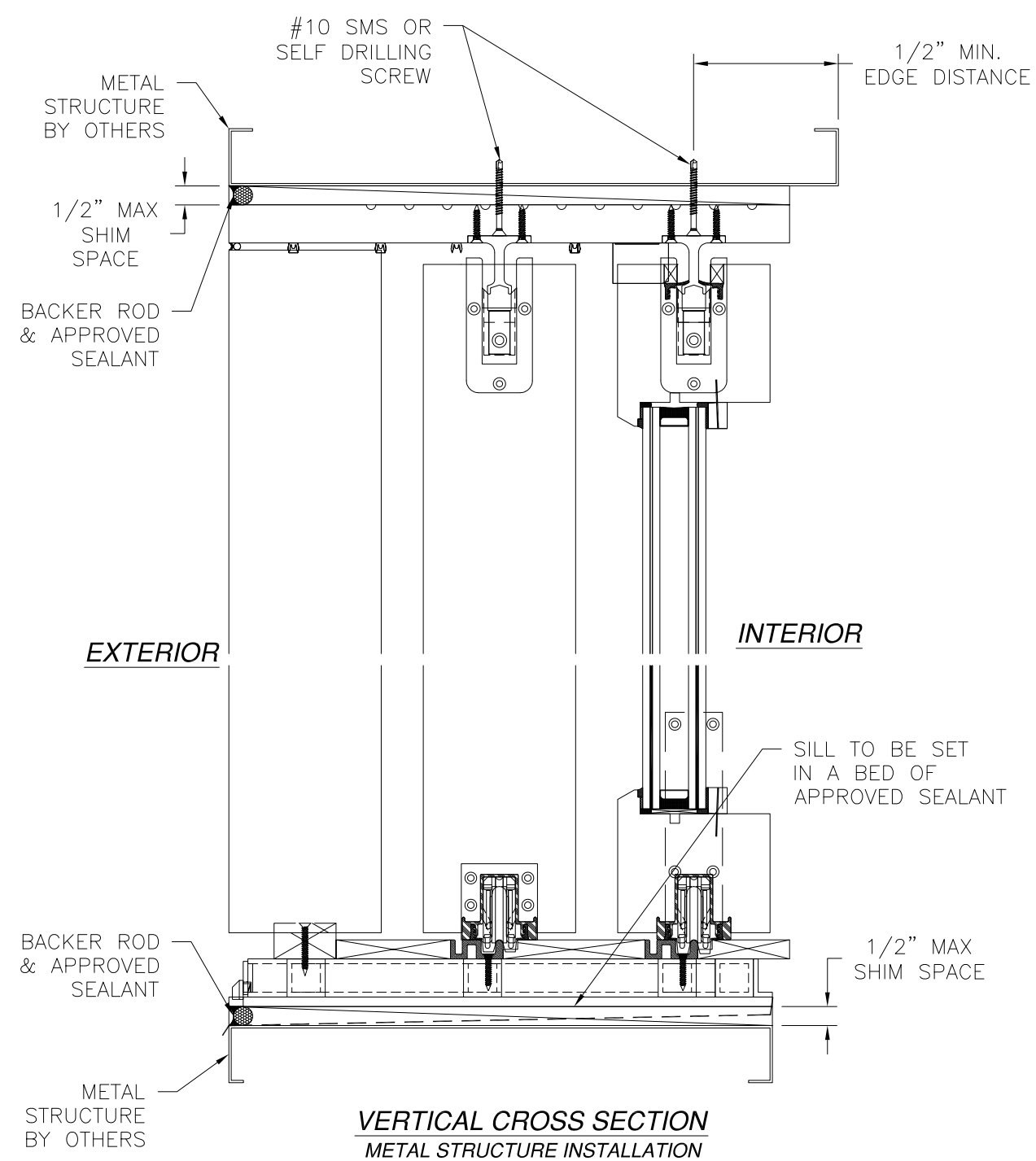
L. ROBERTO LOMAS P.E.  
1432 WOODFORD RD LEWISVILLE, NC 27023  
434-688-0609 rllomas@lrlomaspe.com

SIGNED: 03/25/2021



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

| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | 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

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
FRAME INSTALLATION DETAILS

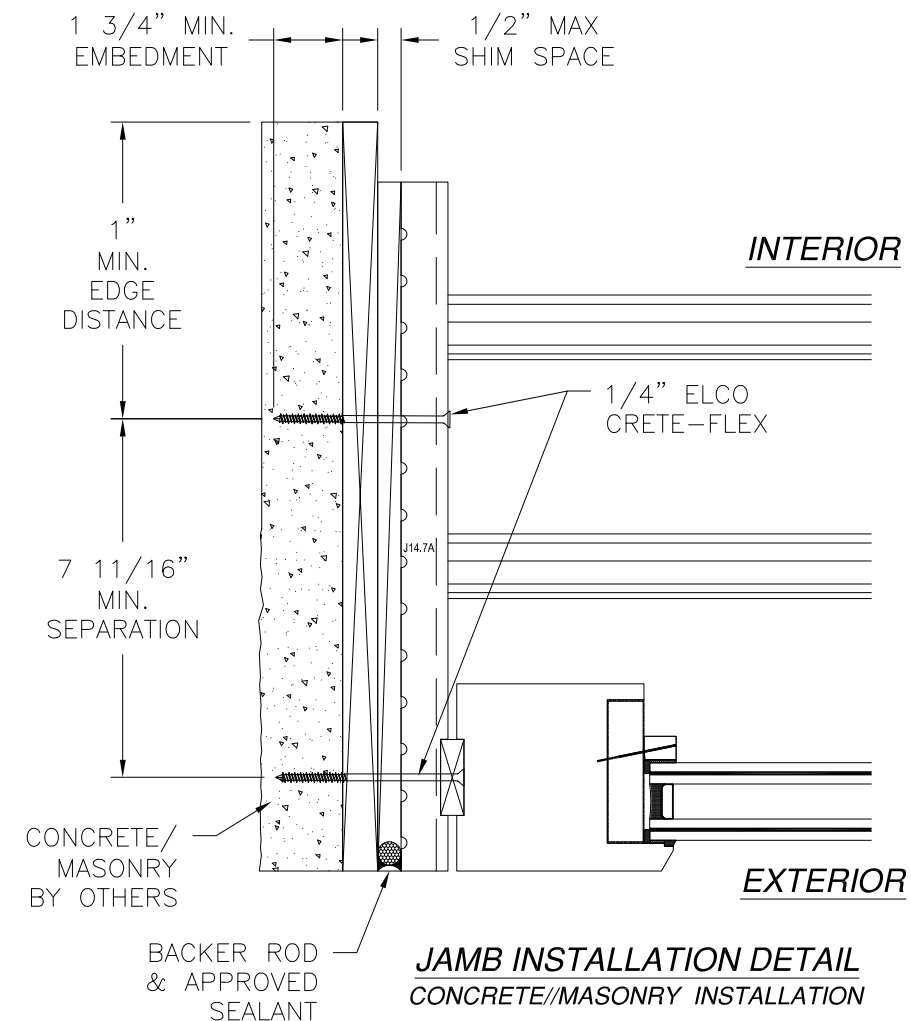
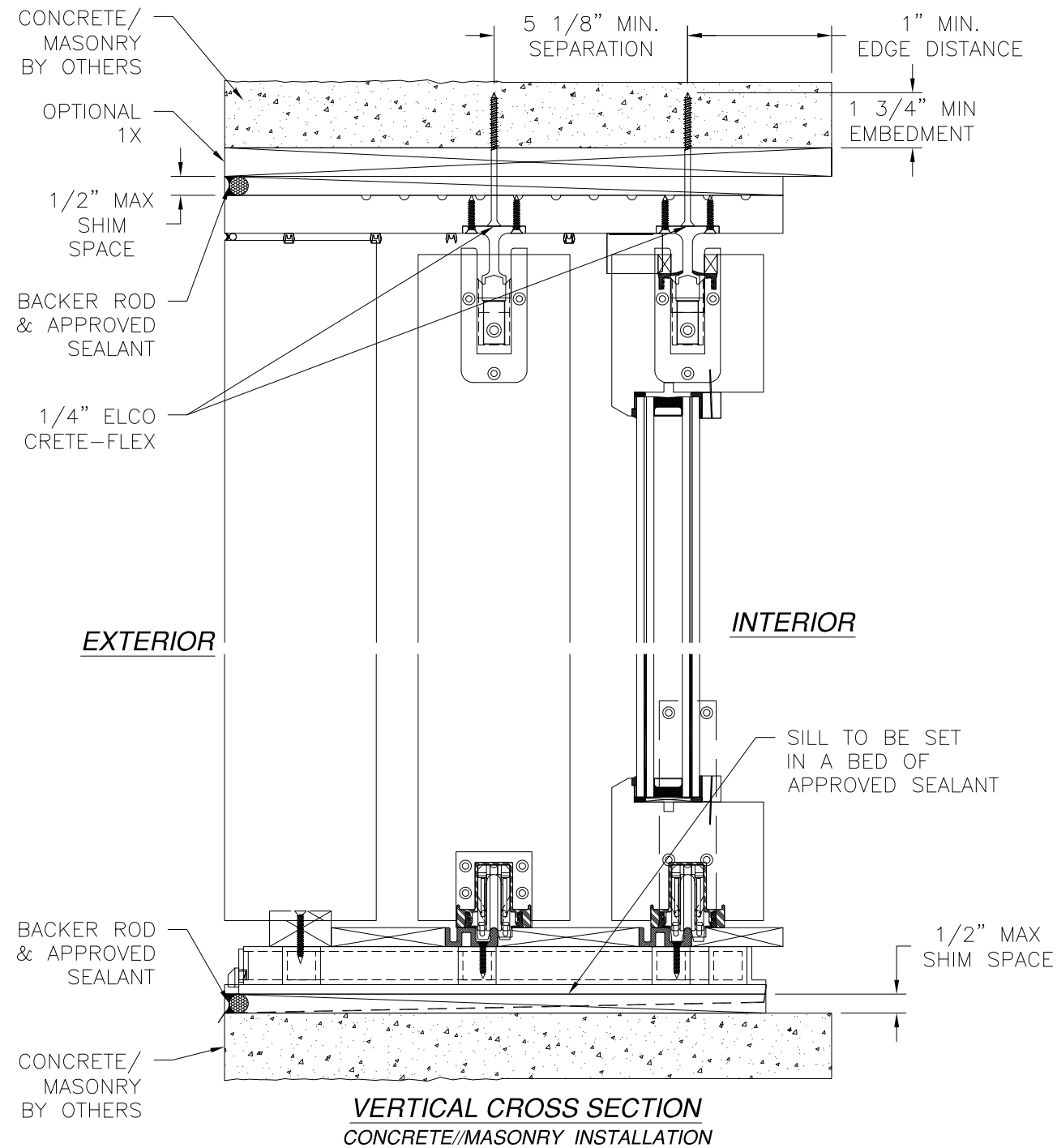
|                |                     |                   |
|----------------|---------------------|-------------------|
| DRAWN:<br>N.G. | DWG NO.<br>08-02838 | REV<br>C          |
| SCALE<br>NTS   | DATE<br>12/10/15    | SHEET<br>11 OF 15 |

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

SIGNED: 03/25/2021

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

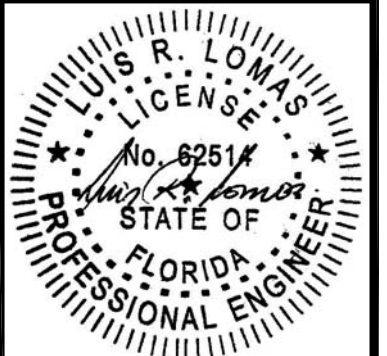
| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



- 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

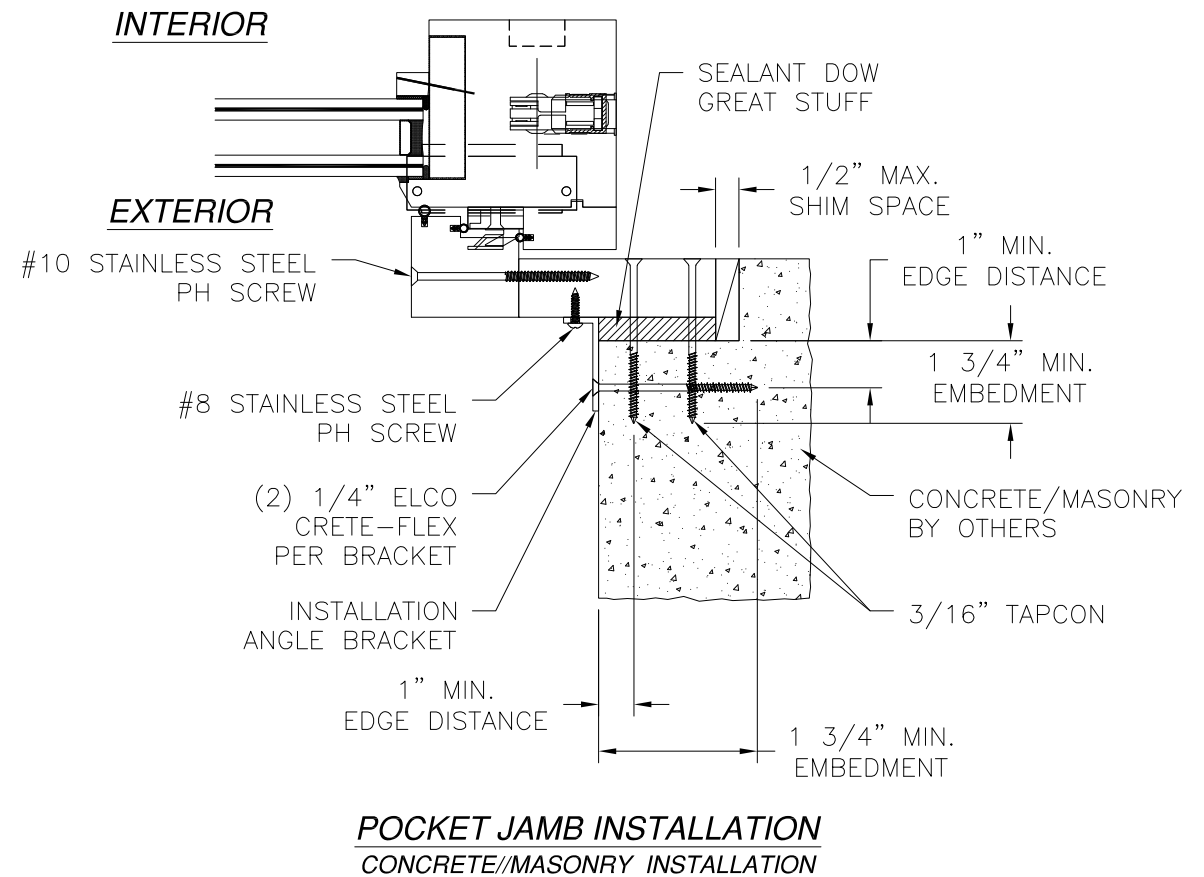
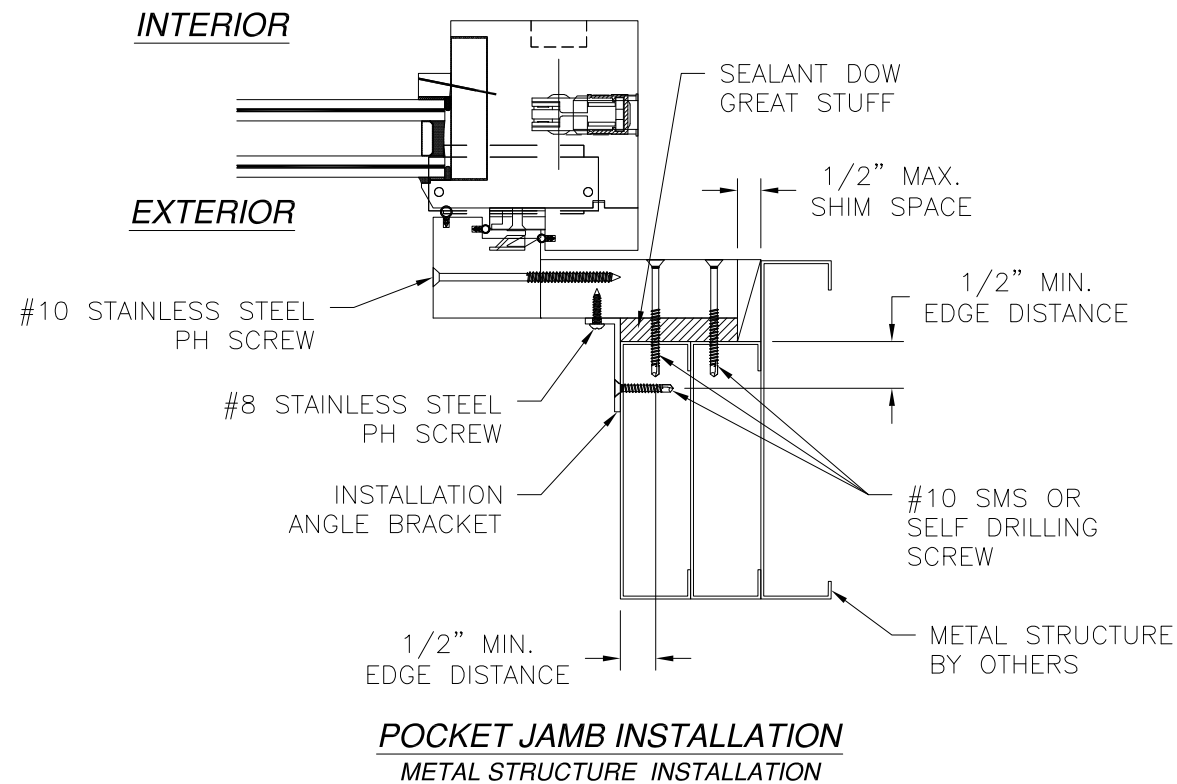
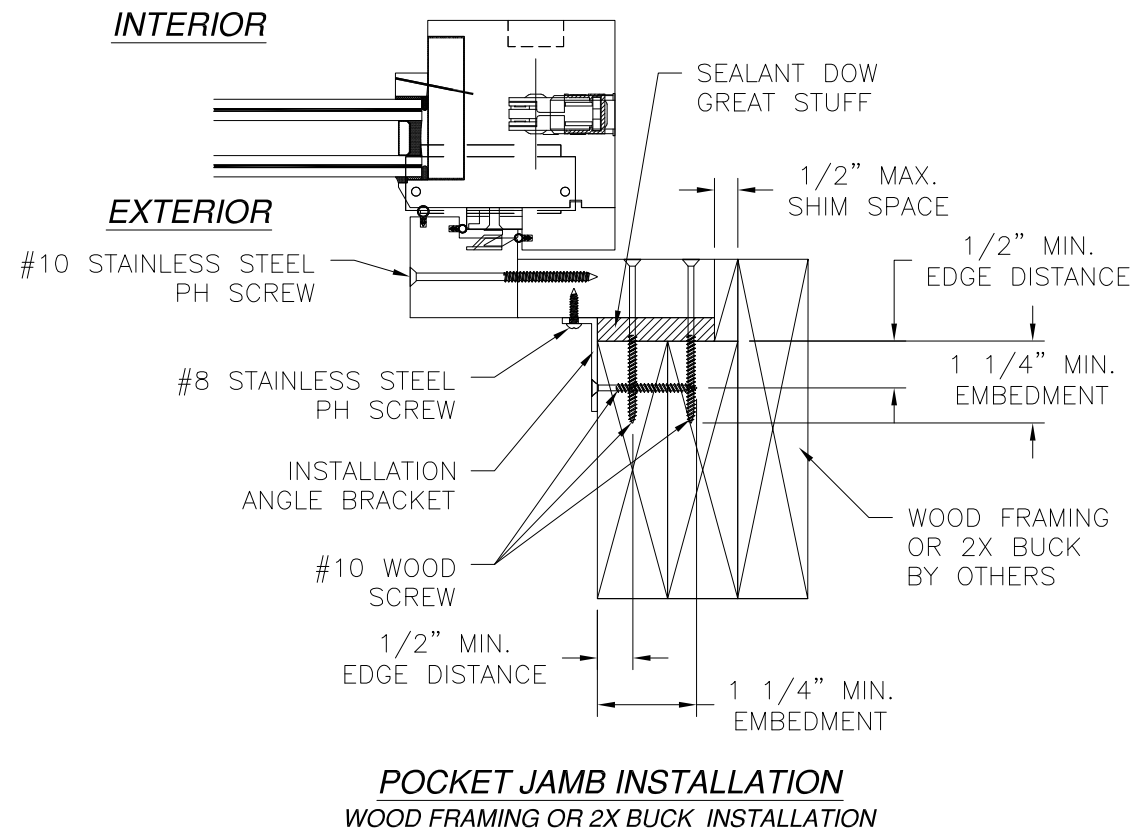
|                                                                                                      |                     |                   |
|------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| REILLY WINDOWS & DOORS<br>901 BURMAN BLVD.<br>CALVERTON, NY 11933                                    |                     |                   |
| RWD35 SGD LIFT AND SLIDE DOOR<br>LMI - HVHZ<br>FRAME INSTALLATION DETAILS                            |                     |                   |
| DRAWN:<br>N.G.                                                                                       | DWG NO.<br>08-02838 | REV<br>C          |
| SCALE<br>NTS                                                                                         | DATE<br>12/10/15    | SHEET<br>12 OF 15 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |

SIGNED: 03/25/2021



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

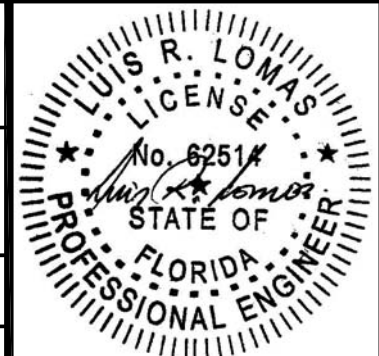
| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



- 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: 03/25/2021

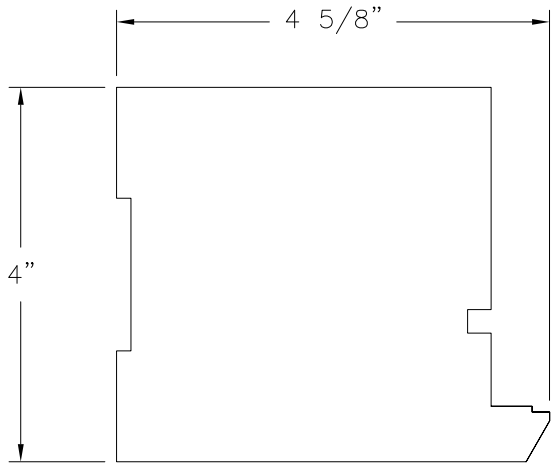
|                                                                                                      |                     |                   |
|------------------------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>REILLY WINDOWS &amp; DOORS</b><br>901 BURMAN BLVD.<br>CALVERTON, NY 11933                         |                     |                   |
| RWD35 SGD LIFT AND SLIDE DOOR<br>LMI - HVHZ<br>POCKET INSTALLATION DETAILS                           |                     |                   |
| DRAWN:<br>N.G.                                                                                       | DWG NO.<br>08-02838 | REV<br>C          |
| SCALE<br>NTS                                                                                         | DATE<br>12/10/15    | SHEET<br>13 OF 15 |
| L. ROBERTO LOMAS P.E.<br>1432 WOODFORD RD LEWISVILLE, NC 27023<br>434-688-0609 rllomas@lrlomaspe.com |                     |                   |



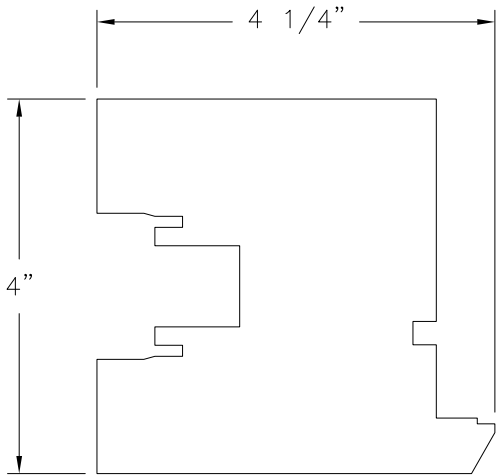
Luis R. Lomas P.E.  
FL No.: 62514



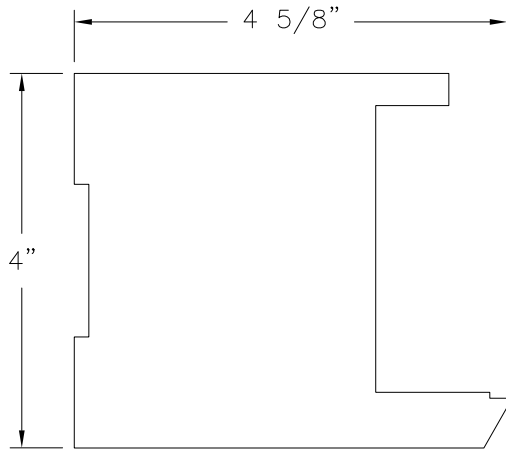
| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



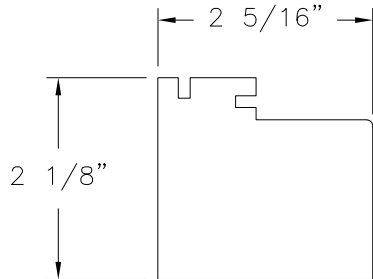
**HEAD RAIL (C4 BTS)**  
MAHOGANY .125 " THICK



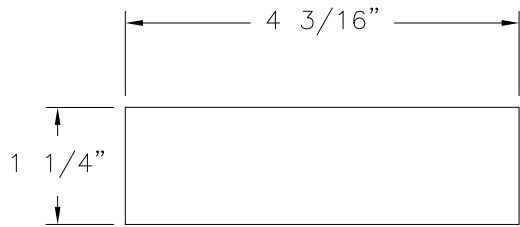
**HEAD RAIL (C3.62 BTS)**  
MAHOGANY .125 " THICK



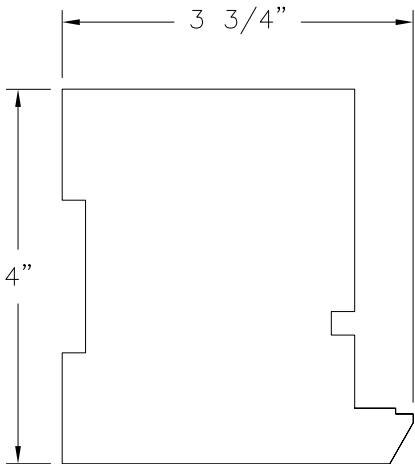
**VERTICAL STILE (C4A BTS)**  
MAHOGANY .125 " THICK



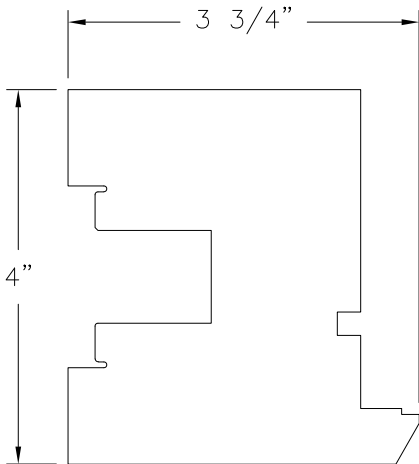
**POCKET FRAME (PF2.2)**  
MAHOGANY .125 " THICK



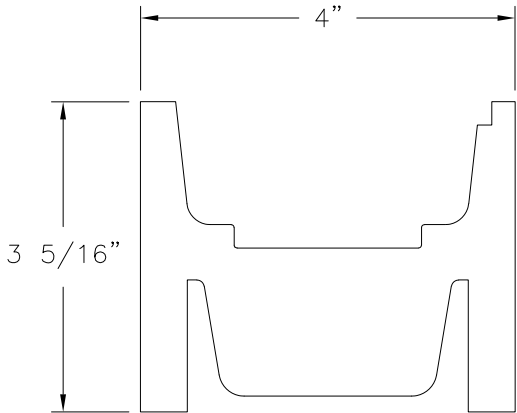
**POCKET FRAME (PF4.2)**  
MAHOGANY .125 " THICK



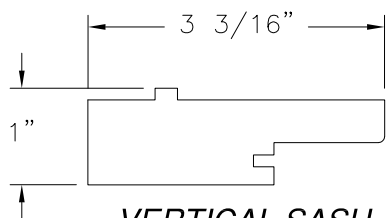
**FIXED BOTTOM RAIL (C3.12 BTS)**  
MAHOGANY .125 " THICK



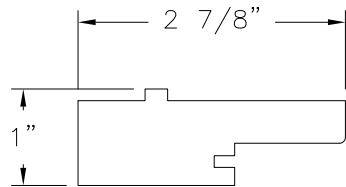
**BOTTOM RAIL (C3.12 BTS)**  
MAHOGANY .125 " THICK



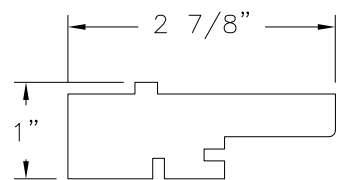
**VERTICAL MEETING STILE (D3.31 BTS)**  
MAHOGANY .125 " THICK



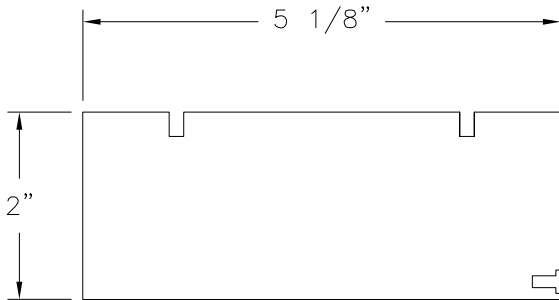
**VERTICAL SASH STOP (SS3.1)**  
MAHOGANY .125 " THICK



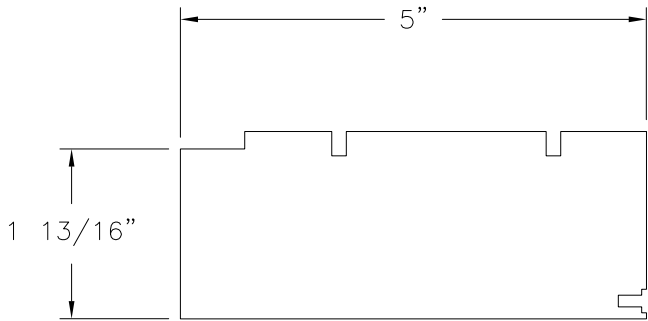
**VERTICAL SASH STOP (SS2.8)**  
MAHOGANY .125 " THICK



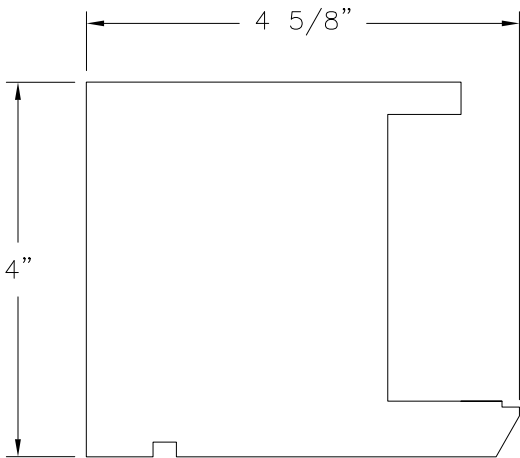
**VERTICAL SASH STOP (SS2.8A)**  
MAHOGANY .125 " THICK



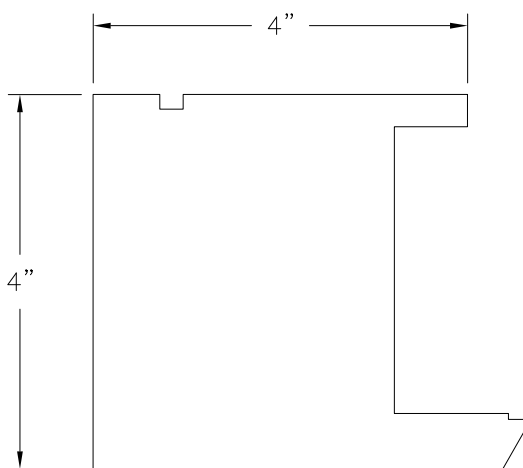
**JAMB STOP BLOCK (BL5.1)**  
MAHOGANY .125 " THICK



**JAMB STOP BLOCK (BL4.9)**  
MAHOGANY .125 " THICK



**VERTICAL STILE (C4C BTS)**  
MAHOGANY .125 " THICK



**VERTICAL STILE (C4B BTS)**  
MAHOGANY .125 " THICK

SIGNED: 03/25/2021

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
COMPONENTS

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

SCALE NTS

DATE 12/10/15

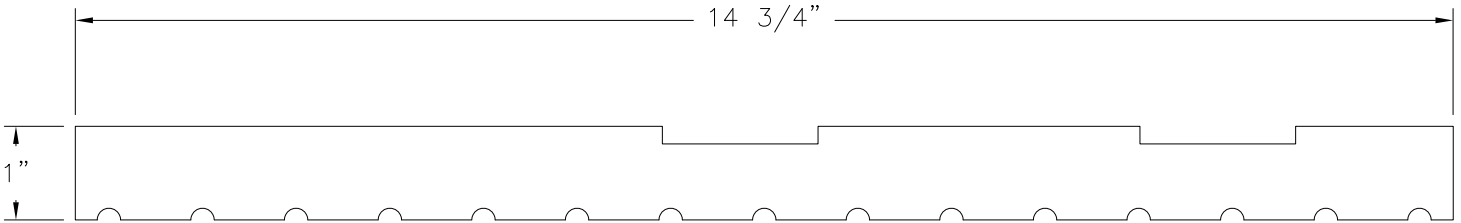
SHEET 14 OF 15

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

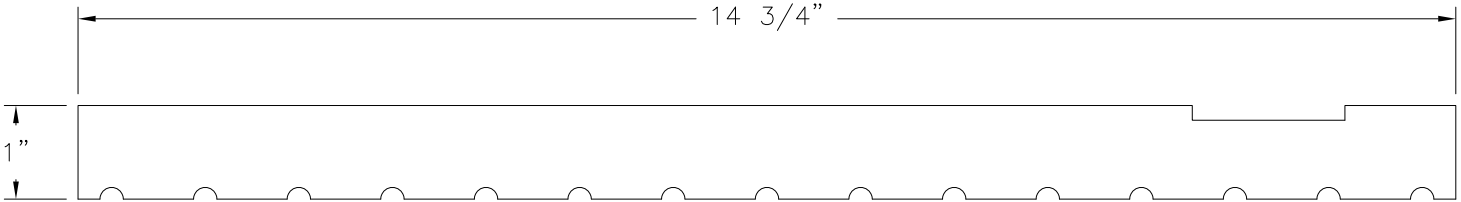
Luis R. Lomas P.E.  
FL No.: 62514



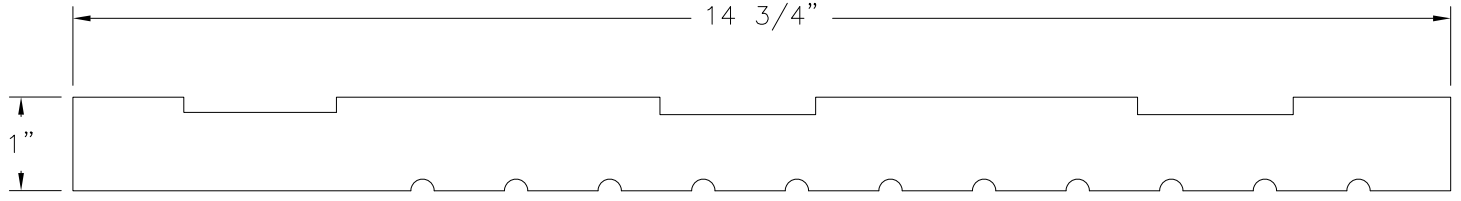
| REVISIONS |                                     |            |          |
|-----------|-------------------------------------|------------|----------|
| REV       | DESCRIPTION                         | DATE       | APPROVED |
| C         | REVISED TO ADD INSTALLATION DETAILS | 03/04/2021 | R.L.     |



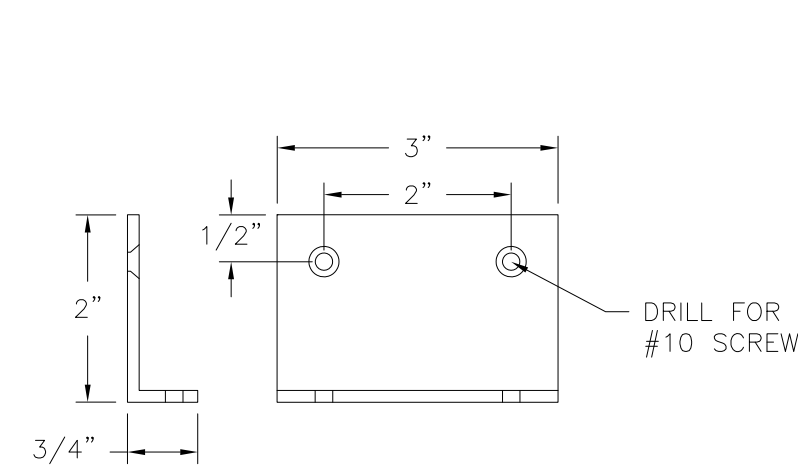
**HEAD JAMB (J14.7)**  
MAHOGANY .125 " THICK



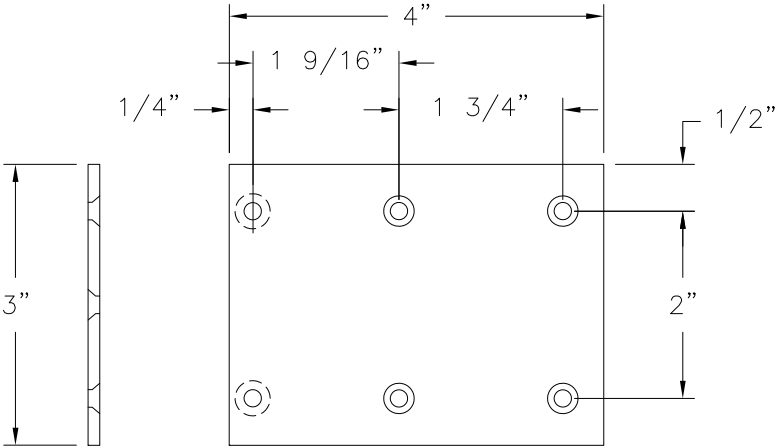
**JAMB LEG - LEFT (J14.7A)**  
MAHOGANY .125 " THICK



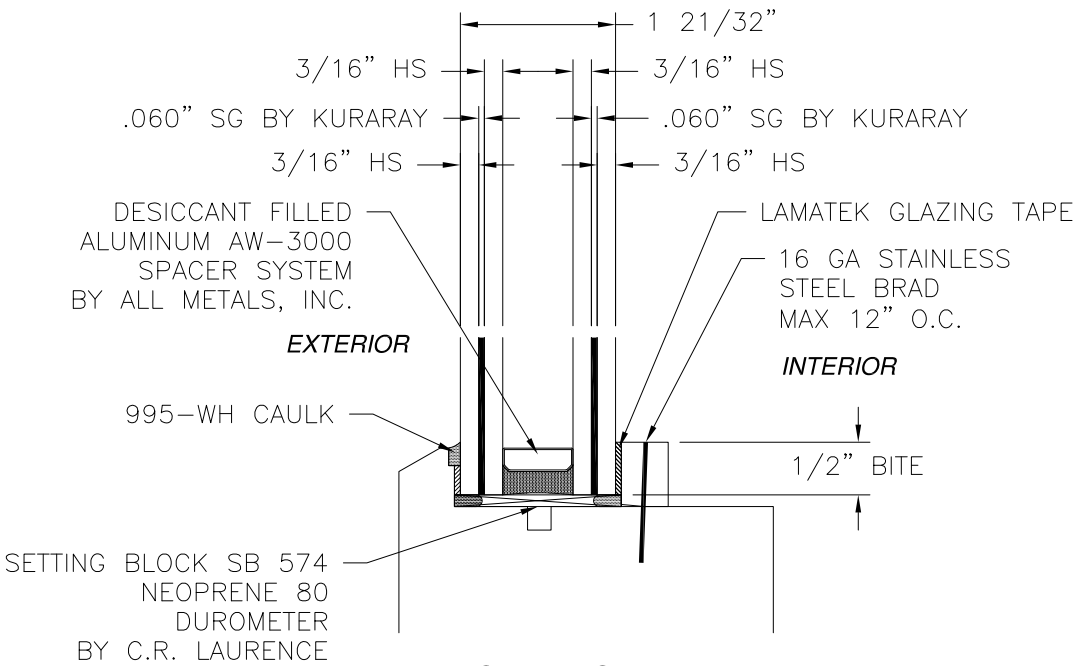
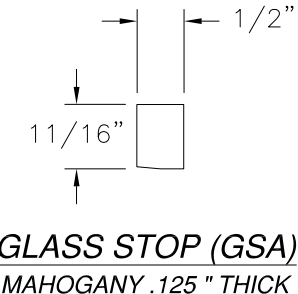
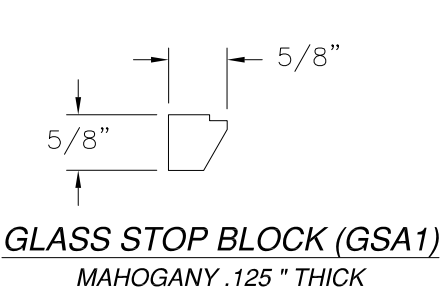
**HEAD JAMB (J14.7B)**  
MAHOGANY .125 " THICK



**INSTALLATION ANGLE BRACKET**  
ALUMINUM 6063-T5 .125 " THICK



**INSTALLATION BRACKET**  
ALUMINUM 6063-T5 .125 " THICK



**GLAZING DETAIL**

SIGNED: 03/25/2021

REILLY WINDOWS & DOORS  
901 BURMAN BLVD.  
CALVERTON, NY 11933

RWD35 SGD LIFT AND SLIDE DOOR  
LMI - HVHZ  
COMPONENTS AND GLAZING DETAIL

DRAWN:  
N.G.

DWG NO.  
08-02838

REV  
C

SCALE  
NTS

DATE  
12/10/15

SHEET  
15 OF 15

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