

- NOTES:
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - 2. WOOD FRAMING, METAL STRUCURE 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 SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" 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.
 - 4. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. UNITS MAY BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
 - 5. 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.
 - 6. BUCKS SHALL EXTEND BEYOND UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
 - 7. SHIM AS NEEDED 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".
 - 8. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
 - 9. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 10. FRAME MATERIAL: EXTRUDED RIGID PVC.
 - 11. UNITS MUST BE GLAZED PER ASTM E1300.
 - 12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

- 13. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 14. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #8 WASHER-HEAD 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.
- 15. FOR ANCHORING THROUGH FRAME AND THROUGH CLIP INTO WOOD FRAMING OR 2X BUCK USE #8 WASHER-HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 16. FOR ANCHORING THROUGH FRAME AND THROUGH CLIP INTO MASONRY/CONCRETE USE 3/16" WASHER-HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 17. FOR ANCHORING THROUGH FRAME OR THROUGH CLIP INTO METAL STRUCTURE USE #8 WASHER-HEAD 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.
- 18. ALL FASTENERS TO BE CORROSION RESISTANT.
- 19. 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:
 - 19.a. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 19.b. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - 19.c. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
 - 19.d. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125" THICK MINIMUM

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1	NOTES
2	ELEVATIONS
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14	COMPONENTS

REVISIONS

REV	DESCRIPTION	DATE

NT WINDOW, INC.
2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

F150 PICTURE WINDOW
NON-IMPACT
NOTES

L. ROBERTO LOMAS P.E.
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434-688-0609 rlomas@rlomaspe.com

DWG NO.
08-04212

SHEET
1 OF 14

SCALE NTS

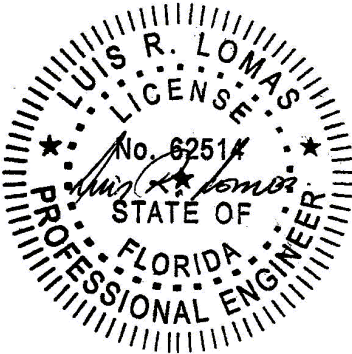
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FPA -

DRAWN R.L.

DATE: 06/10/26

SIGNED: 07/06/2026



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FL No.: 62514



NON-REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

1. D.L.O.: 68 3/4" X 68 3/4"

84"
FRAME
HEIGHT

ANCHORING SIMILAR TO 72" X 72" UNIT

NON-REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

NOTES:

1. D.L.O.: 48 3/4" X 80 3/4"

Chart #1
Design pressure Rating (psf)

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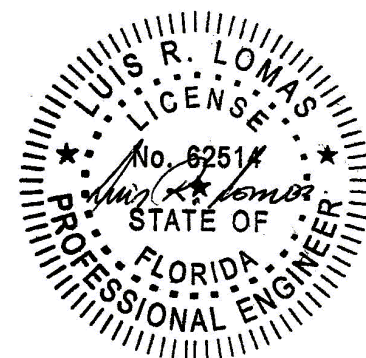
NT WINDOW, INC.
2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

**F150 PICTURE WINDOW
NON-IMPACT
ELEVATIONS**

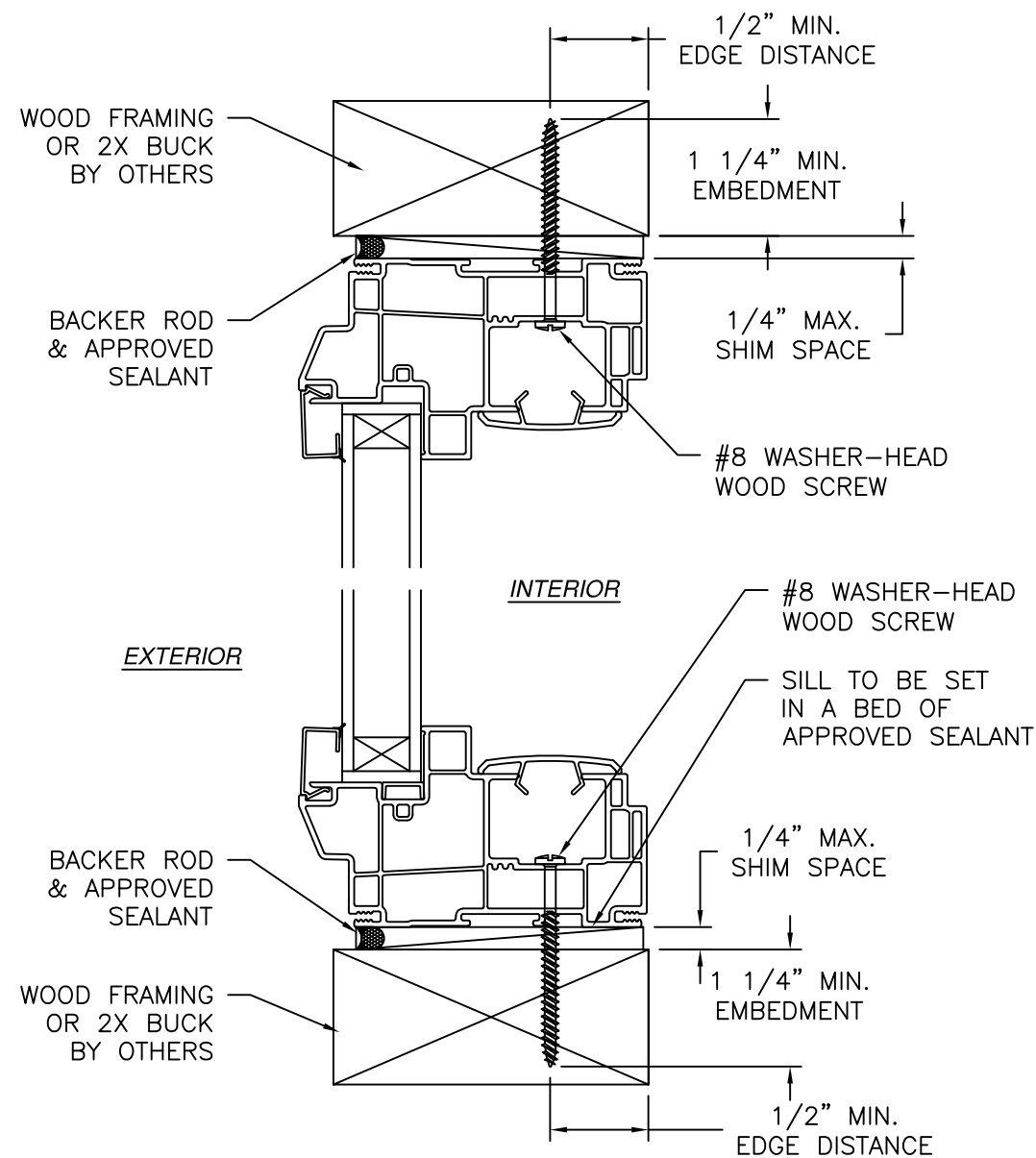
L. ROBERTO LOMAS P.E.
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434-688-0609 rlomas@rlomaspe.com

DWG NO. 08-04212		SHEET 2 OF 14	
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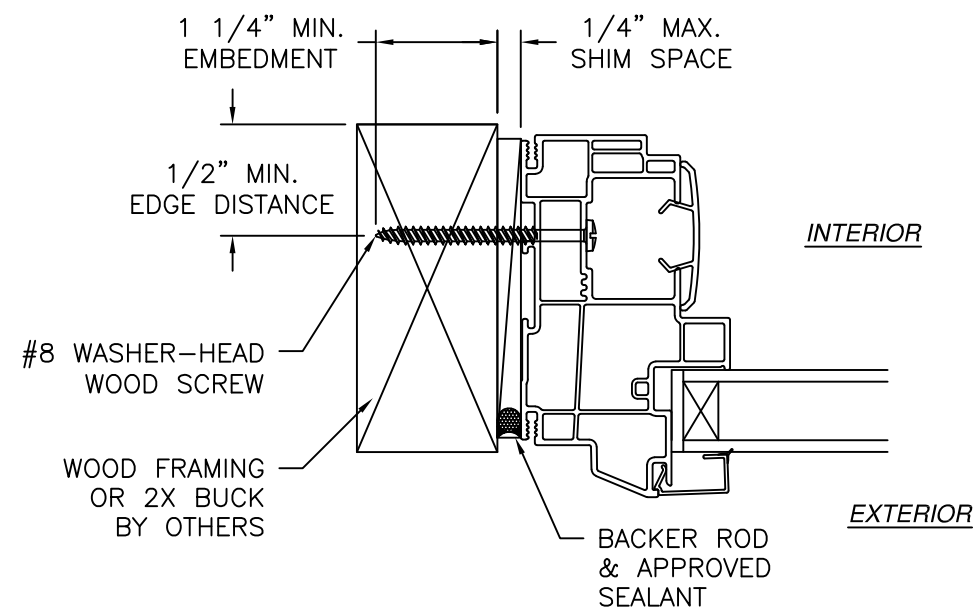
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FL No.: 62514



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

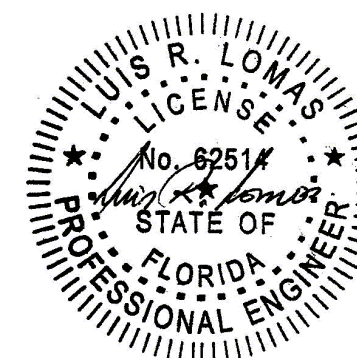
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

REV	DESCRIPTION	DATE

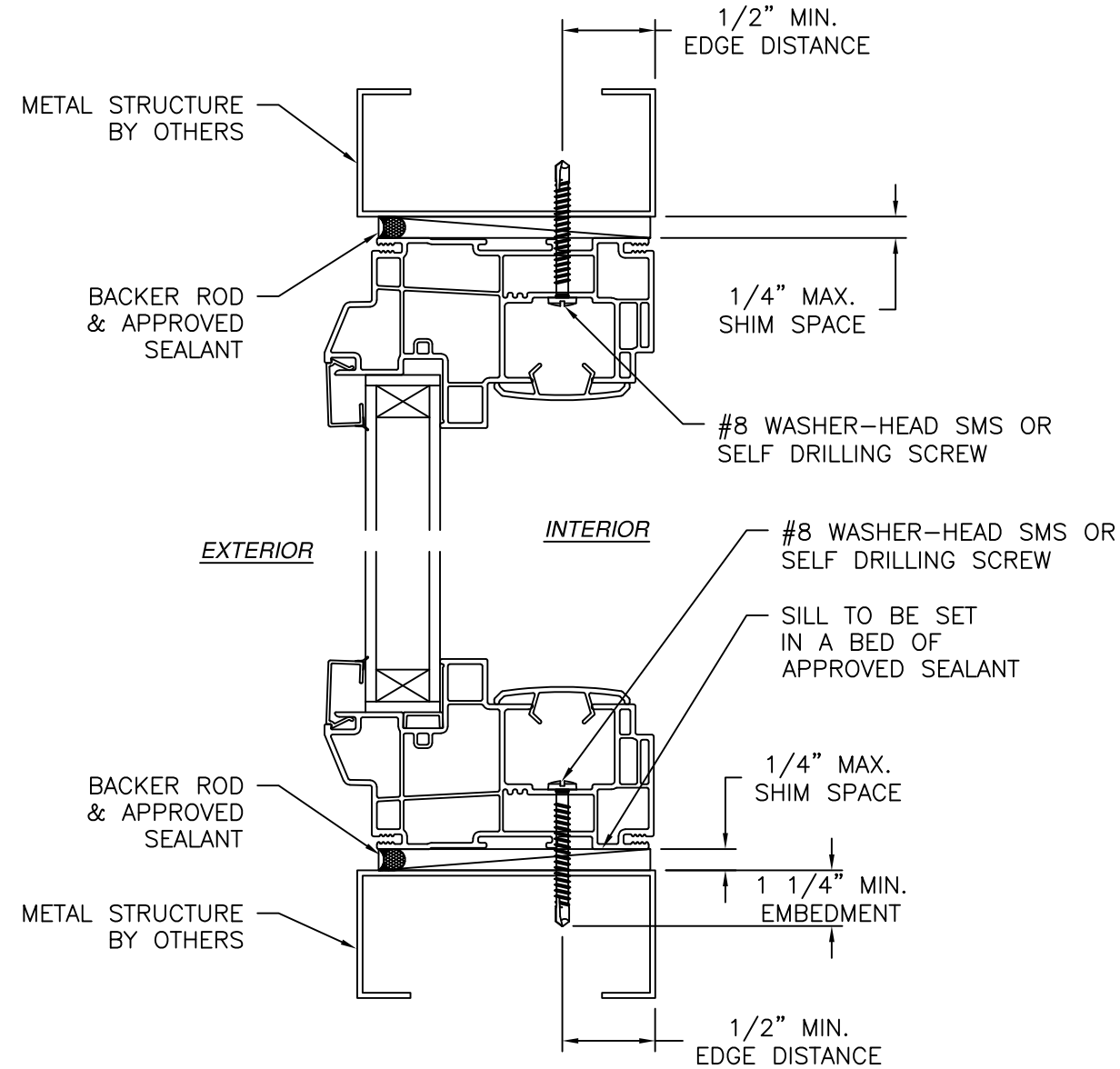
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	F150 PICTURE WINDOW NON-IMPACT FINLESS INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-04212	SHEET 3 OF 14
SCALE NTS	REV - FPA -
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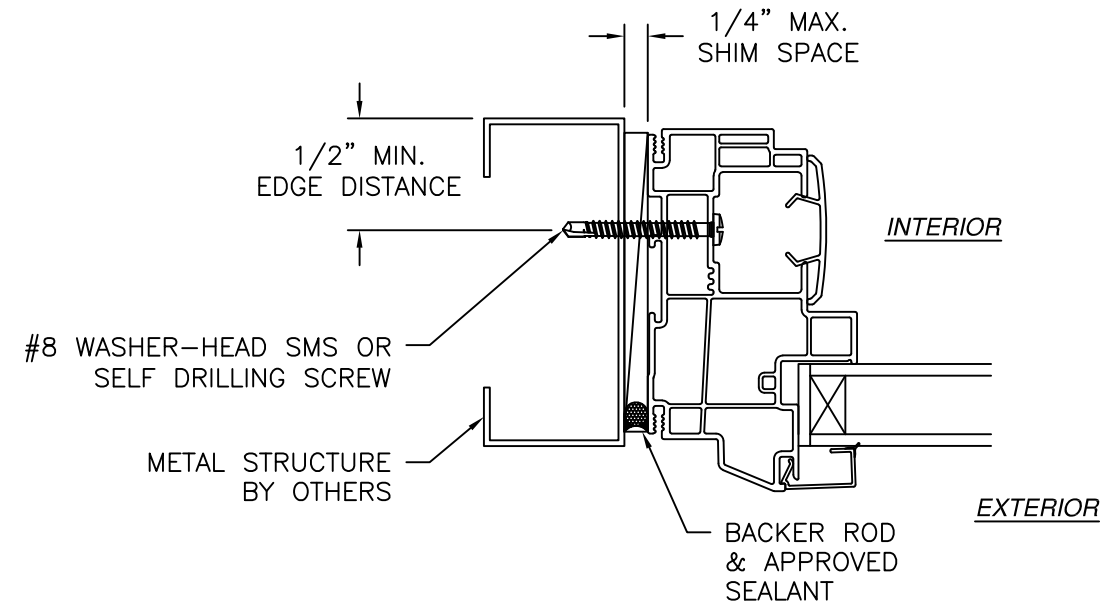
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FL No.: 62514



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:

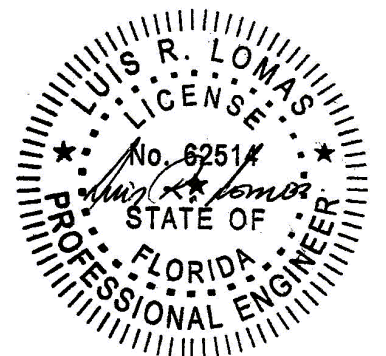
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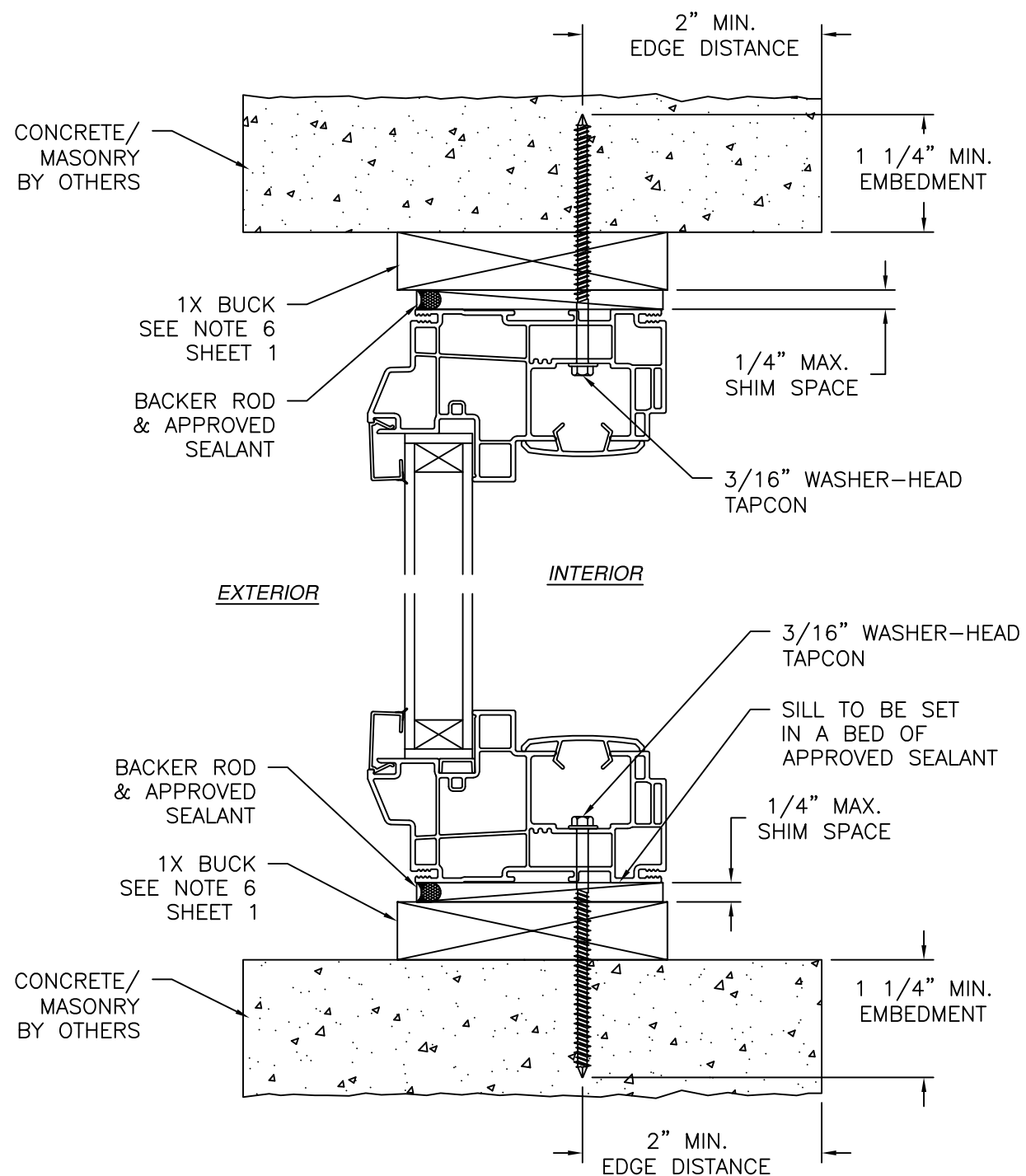
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	F150 PICTURE WINDOW NON-IMPACT FINLESS INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rlomas@rlomaspe.com

DWG NO. 08-04212	SHEET 4 OF 14
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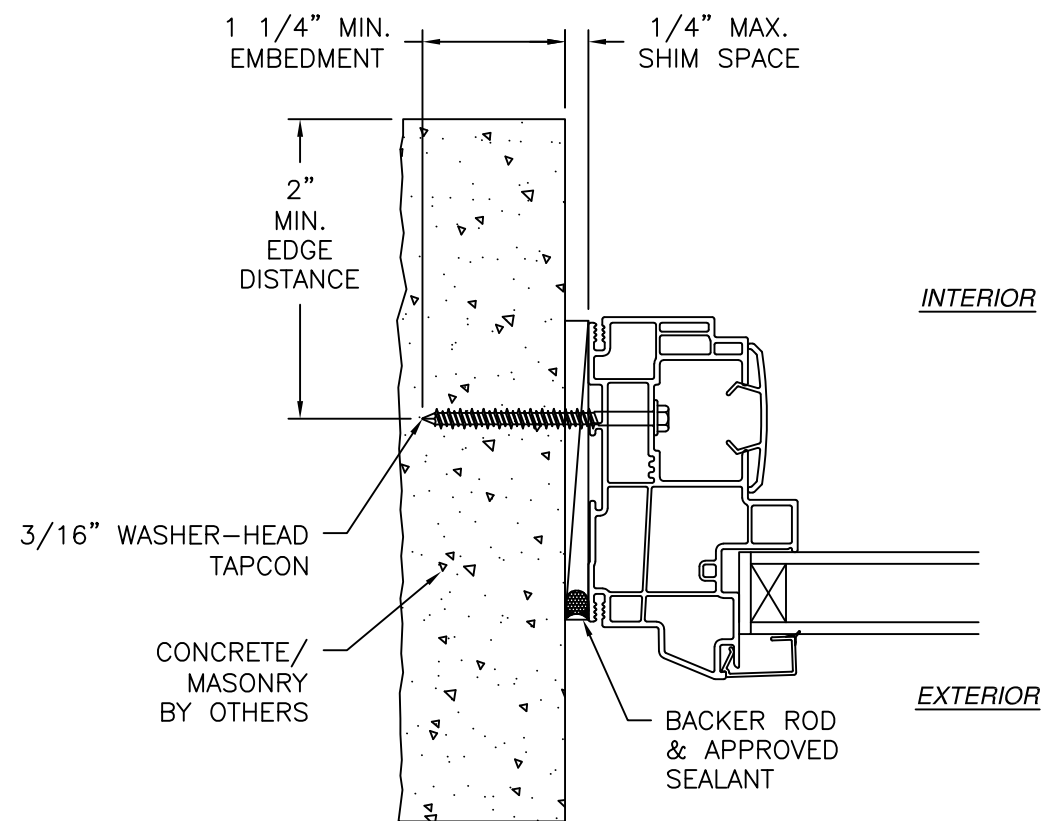
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Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

- NOTES:**
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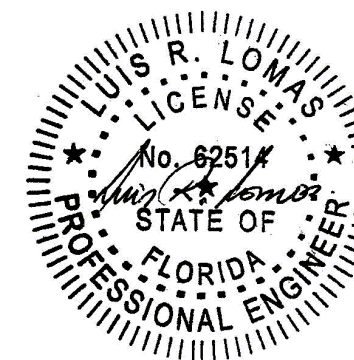
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 2900 WET SEMINARY DR.
 FORTH WORTH, TX 76133

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 NON-IMPACT
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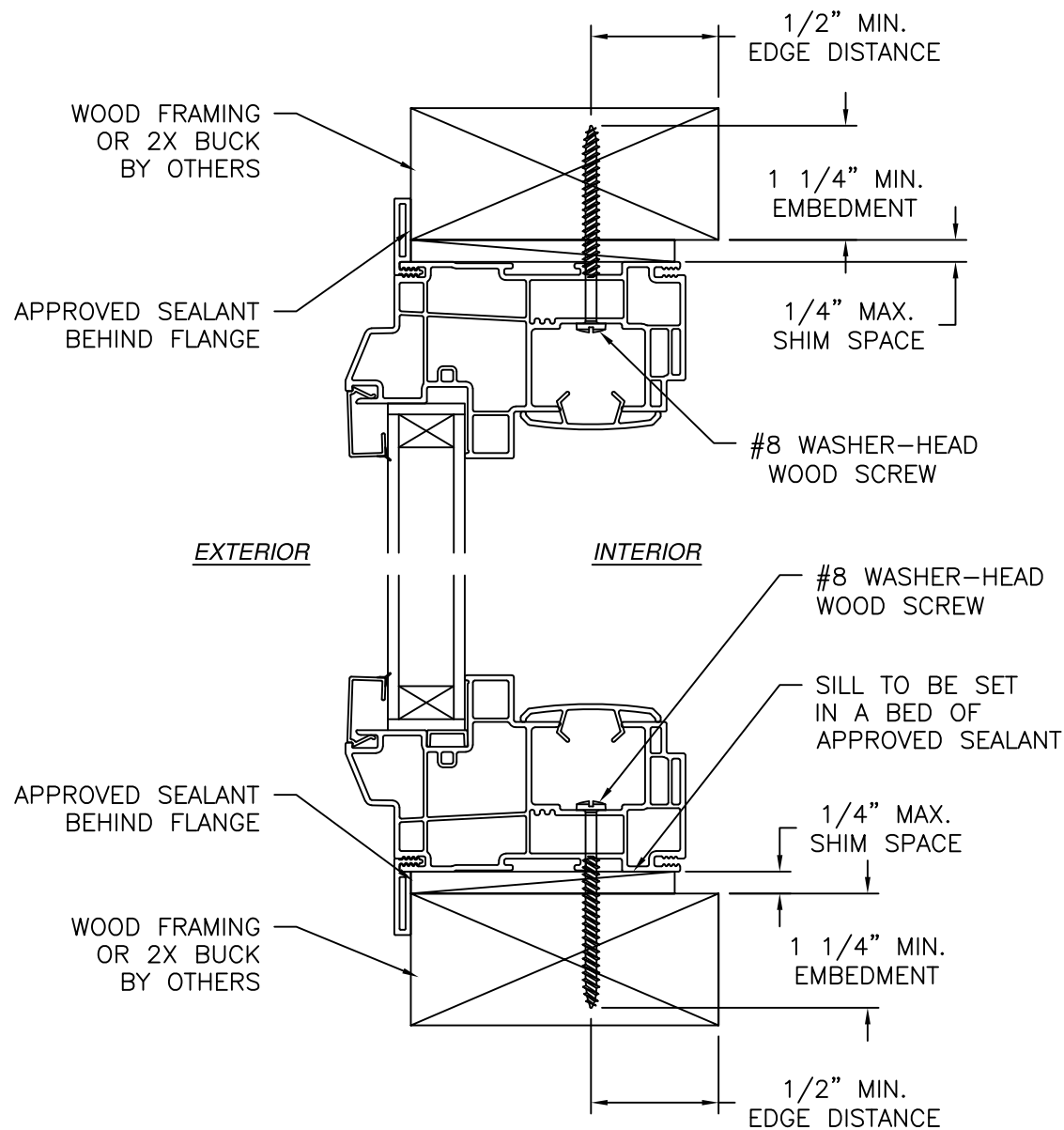
L. ROBERTO LOMAS P.E.
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 434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-04212	SHEET 5 OF 14
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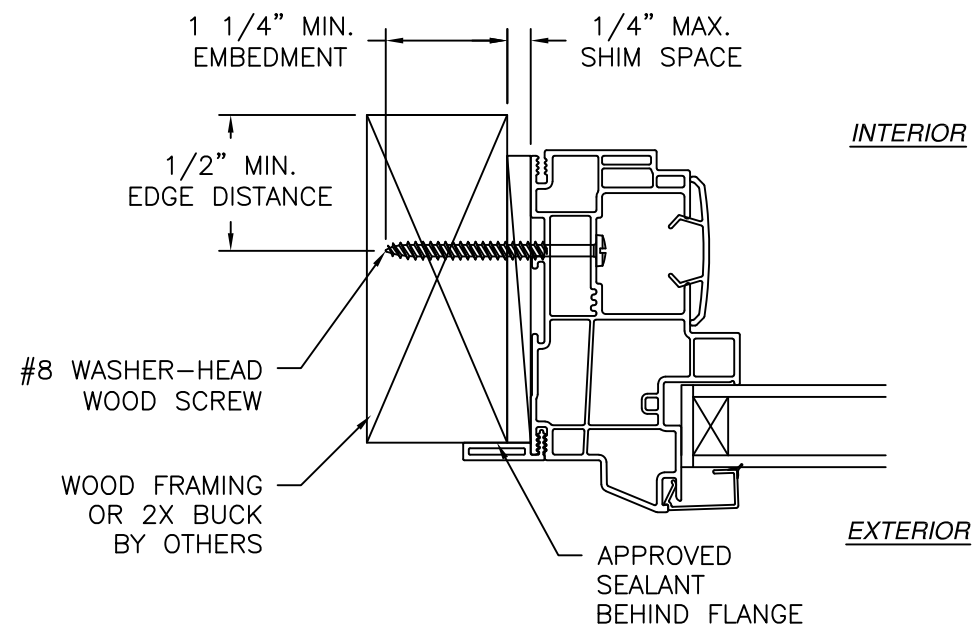
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

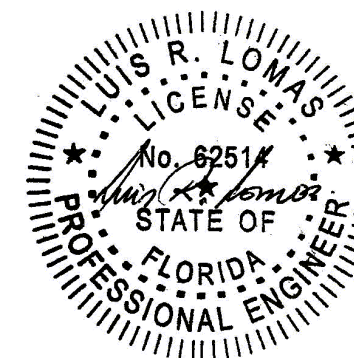
- NOTES:**
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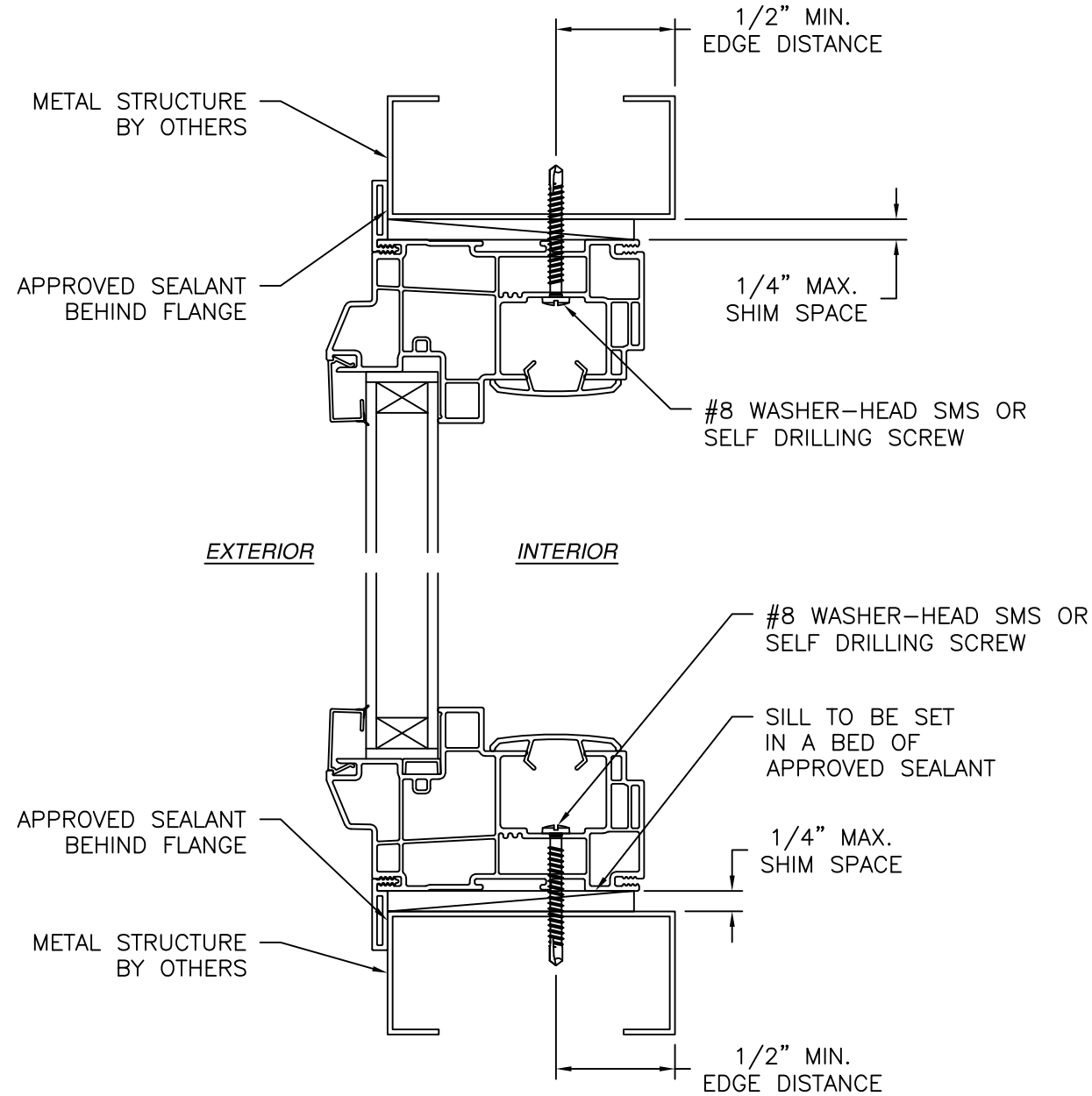
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133		F150 PICTURE WINDOW NON-IMPACT FLANGE INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com
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DWG NO. 08-04212	SHEET 6 OF 14
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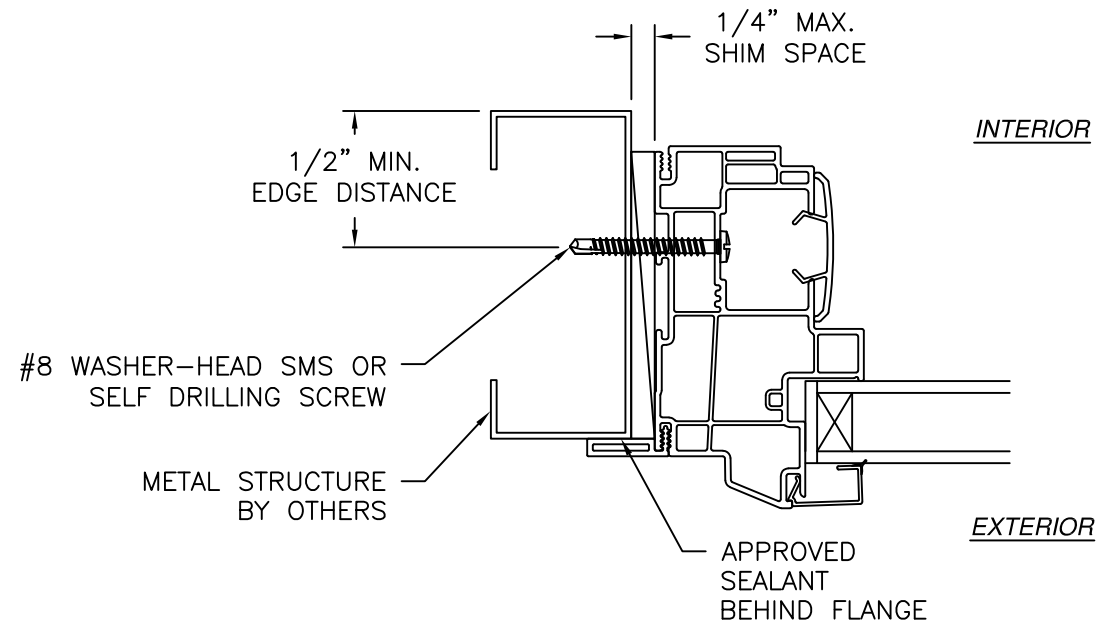
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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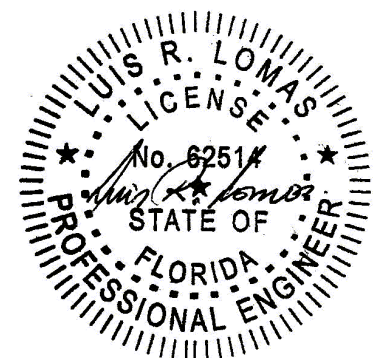
NT WINDOW, INC.
2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

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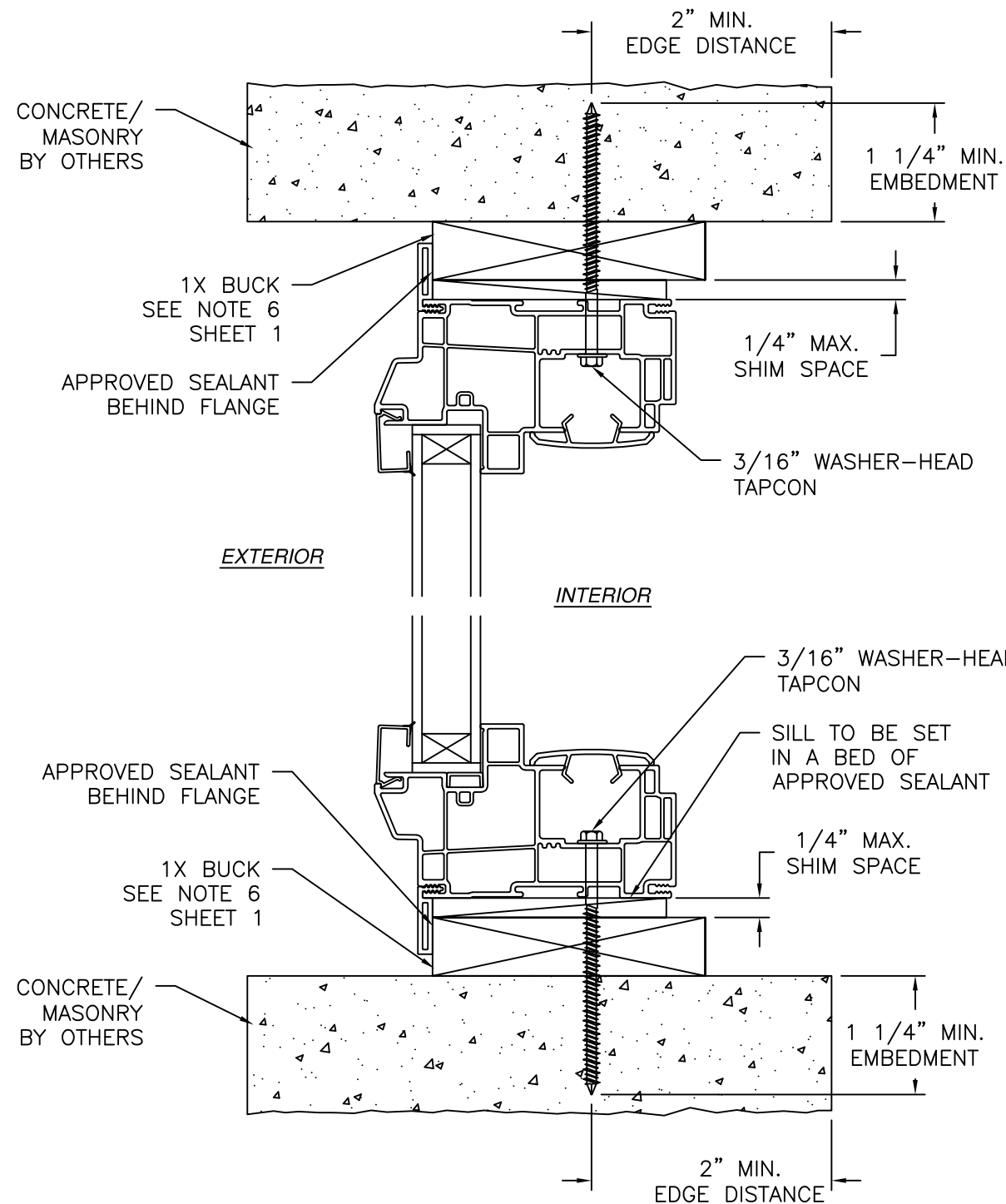
L. ROBERTO LOMAS P.E.
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434-688-0609 rlomas@rlomaspe.com

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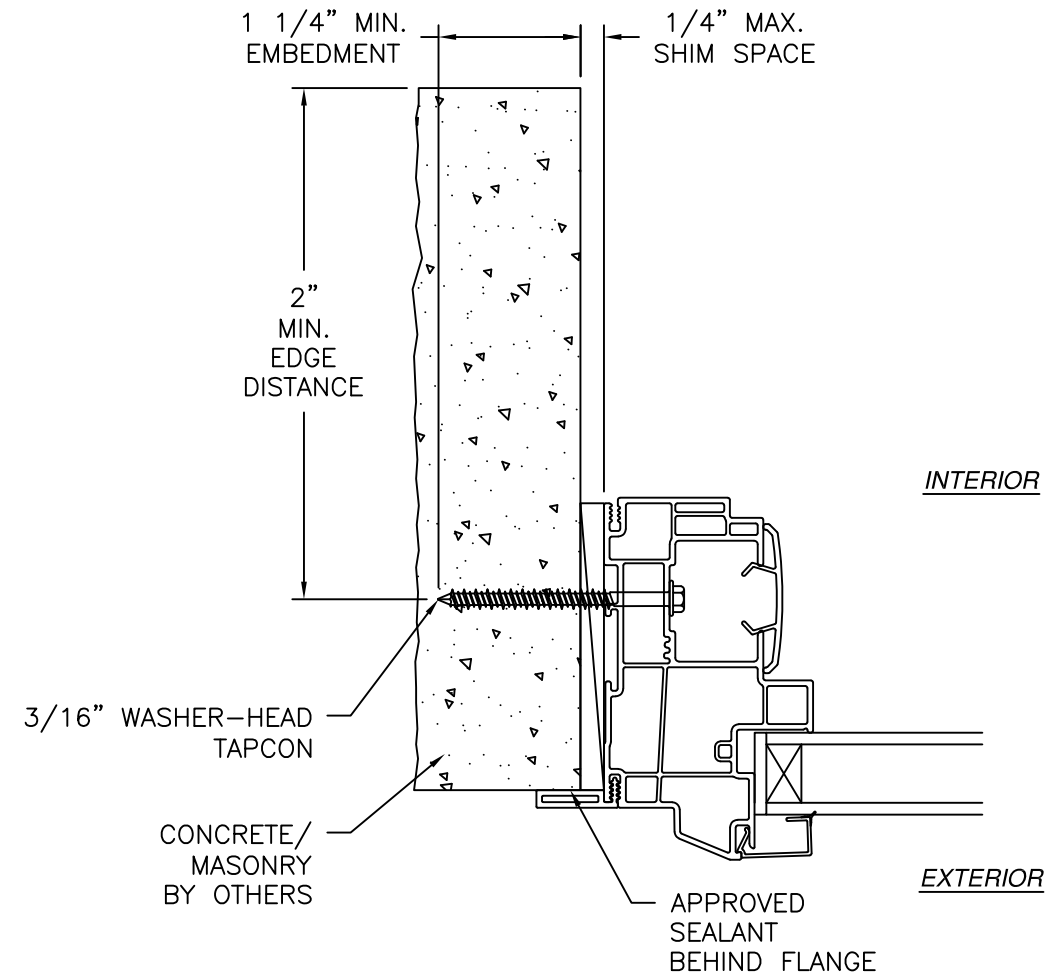
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Luis R. Lomas P.E.
FL No.: 62514



VERTICAL CROSS SECTION
 CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
 JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
 CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
 FOR CONCRETE/MASONRY INSTALLATION WITH 1X BUCK REFER TO
 HEAD AND SILL INSTALLATION DETAILS

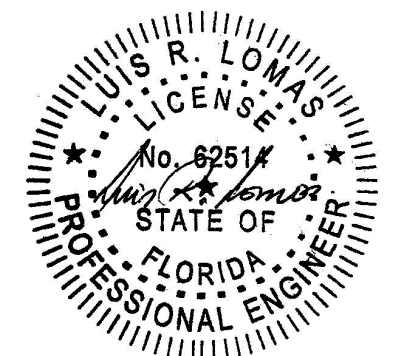
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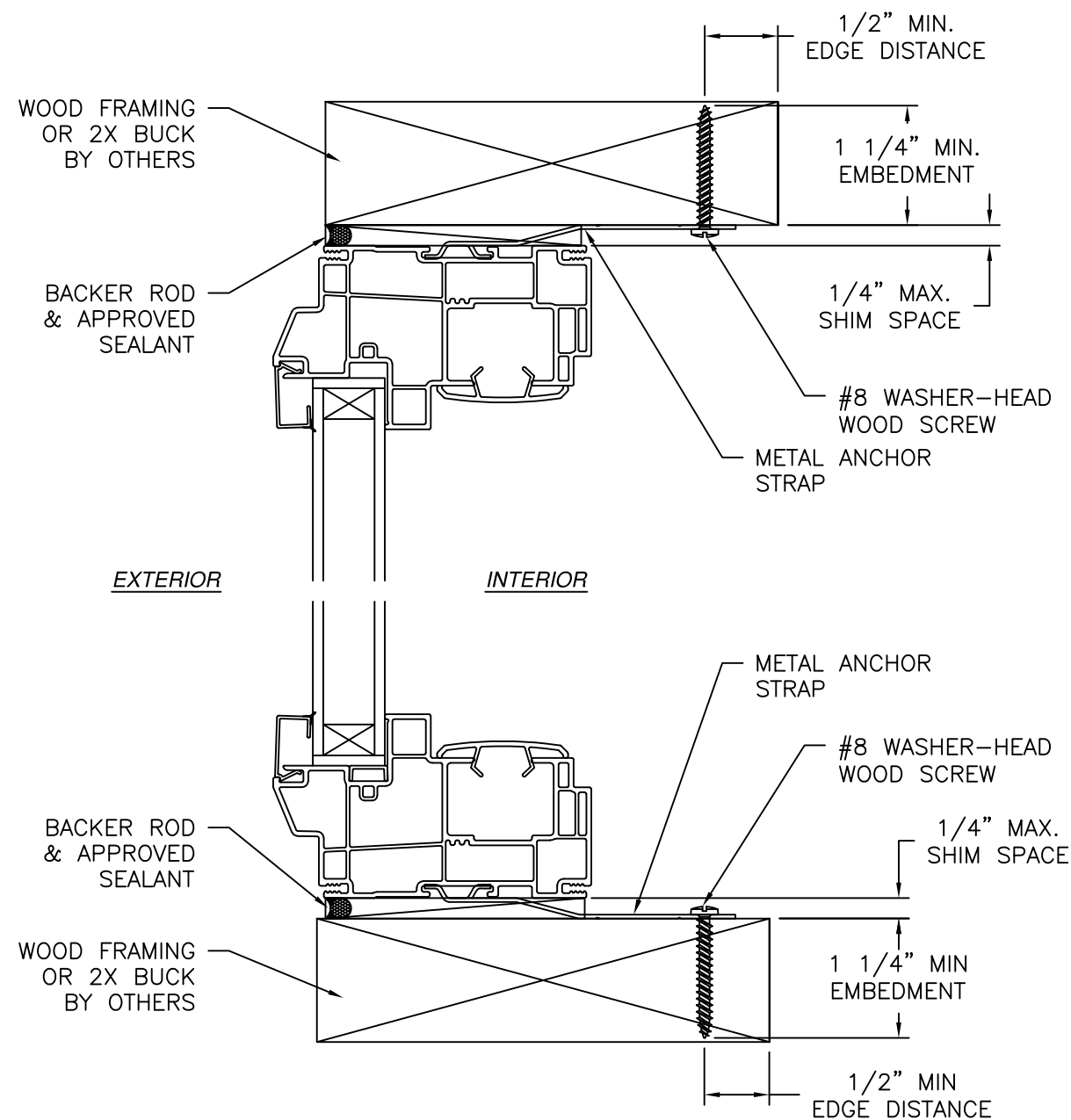
NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133	F150 PICTURE WINDOW NON-IMPACT FLANGE INSTALLATION DETAILS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIANLANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com

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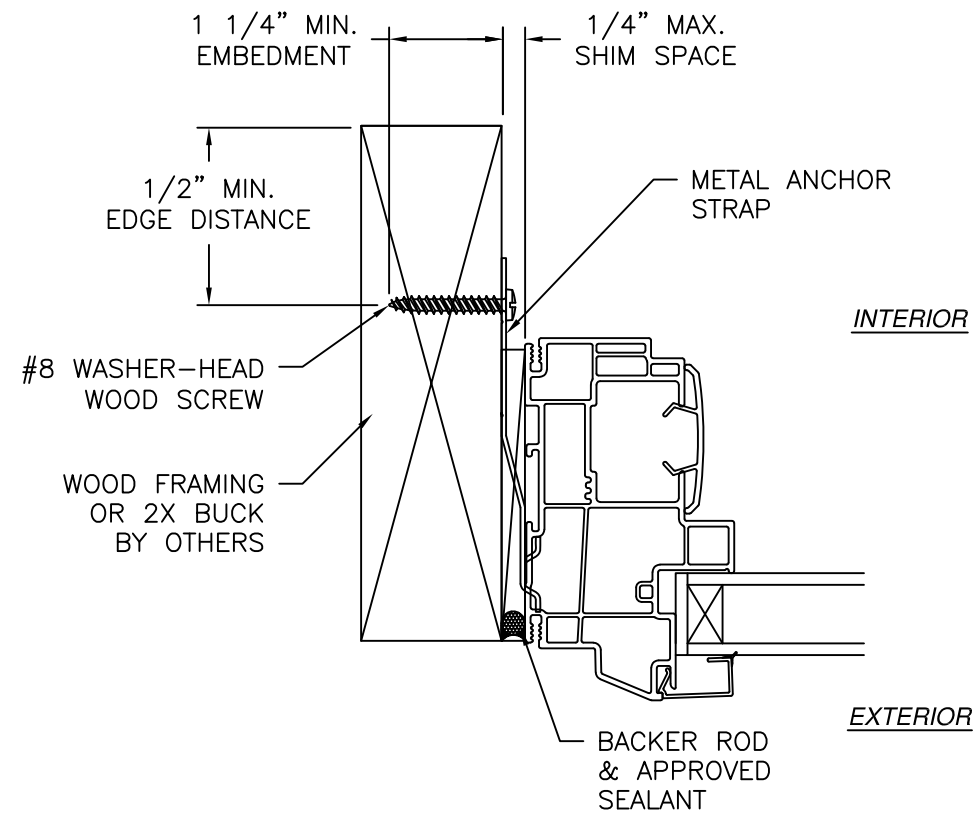
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Luis R. Lomas P.E.
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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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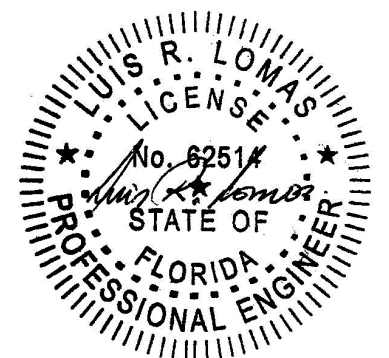
NT WINDOW, INC.
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FORTH WORTH, TX 76133

**F150 PICTURE WINDOW
NON-IMPACT
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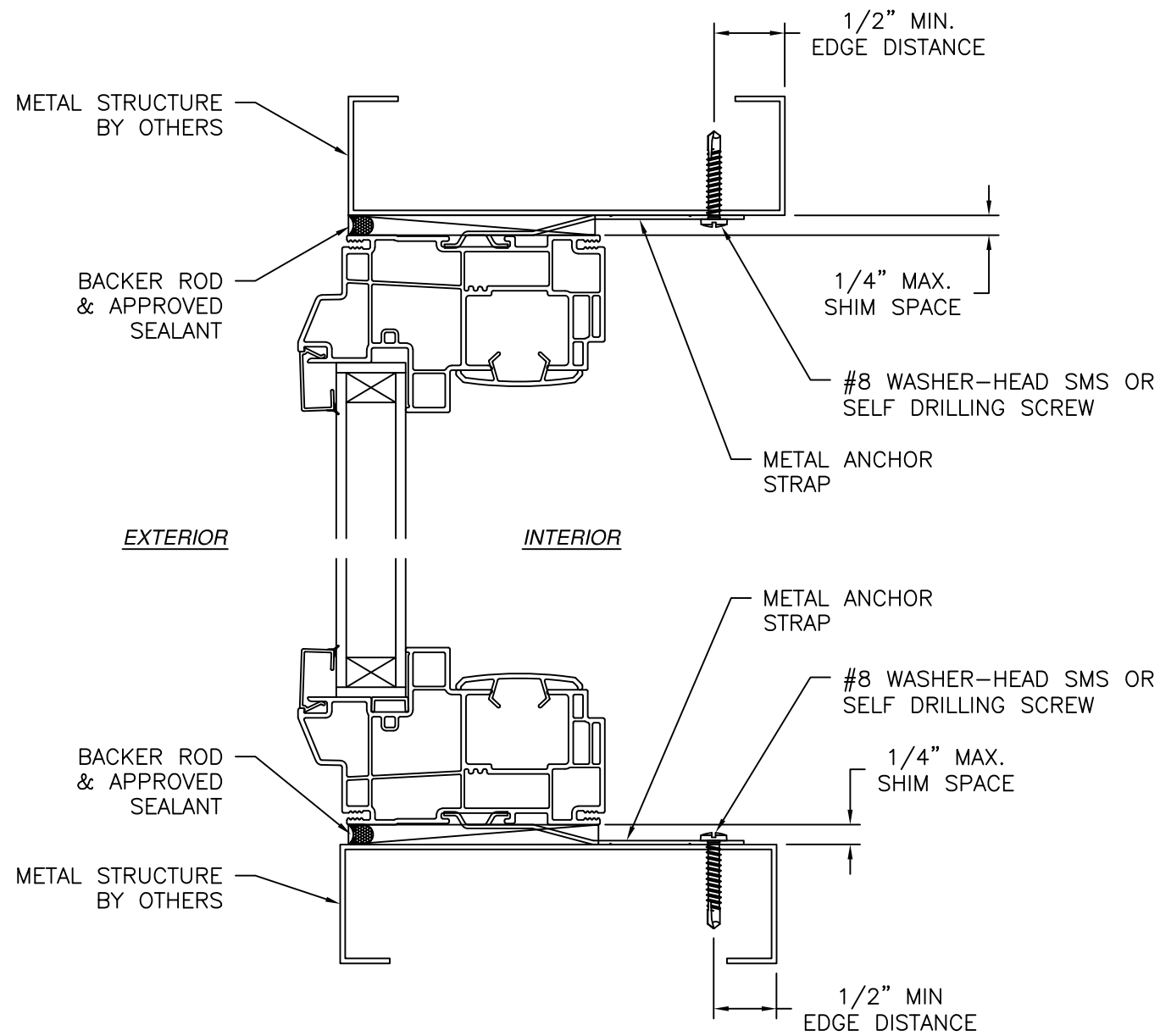
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rlomas@rlomaspe.com

DWG NO. 08-04212	SHEET 9 OF 14
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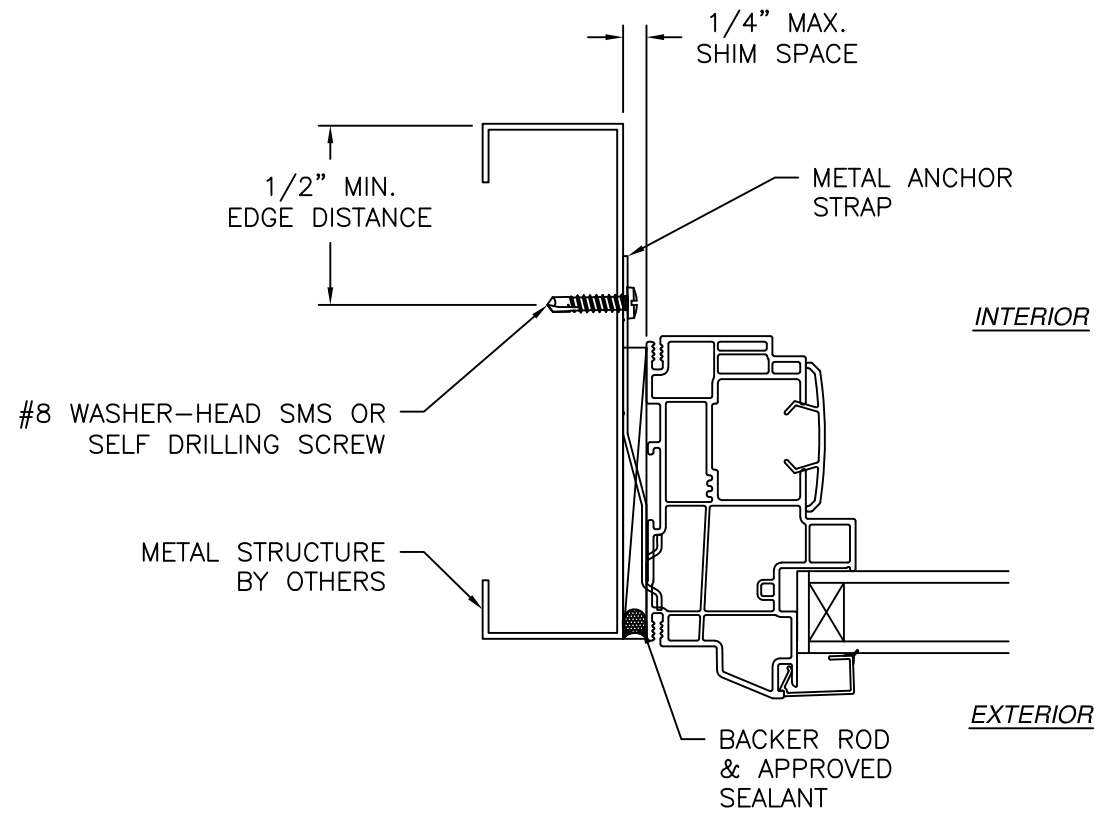
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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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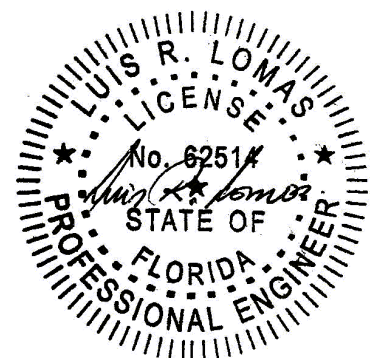
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**F150 PICTURE WINDOW
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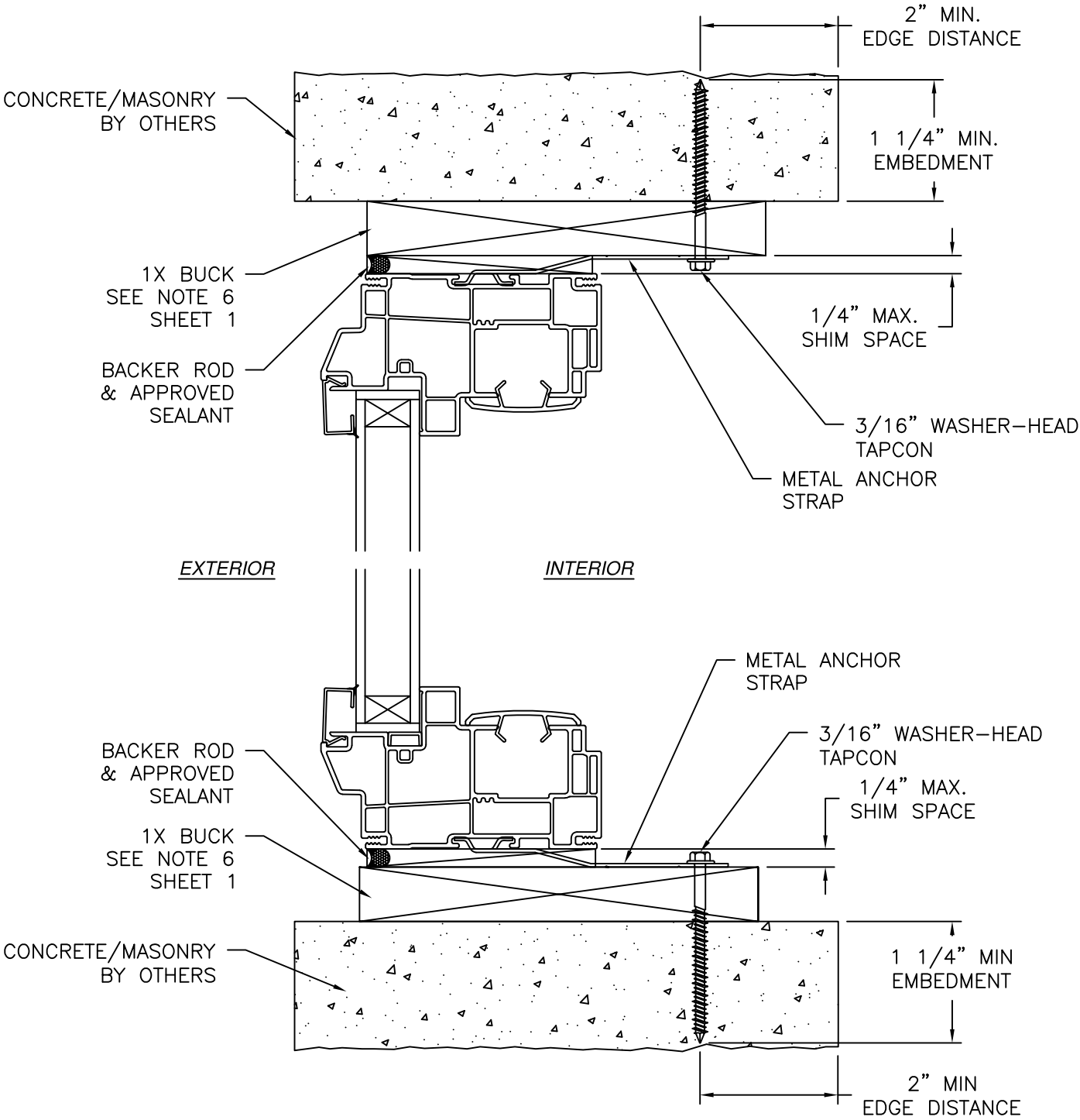
L. ROBERTO LOMAS P.E.
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434-688-0609 rllomas@rlomaspe.com

DWG NO. 08-04212	SHEET 10 OF 14
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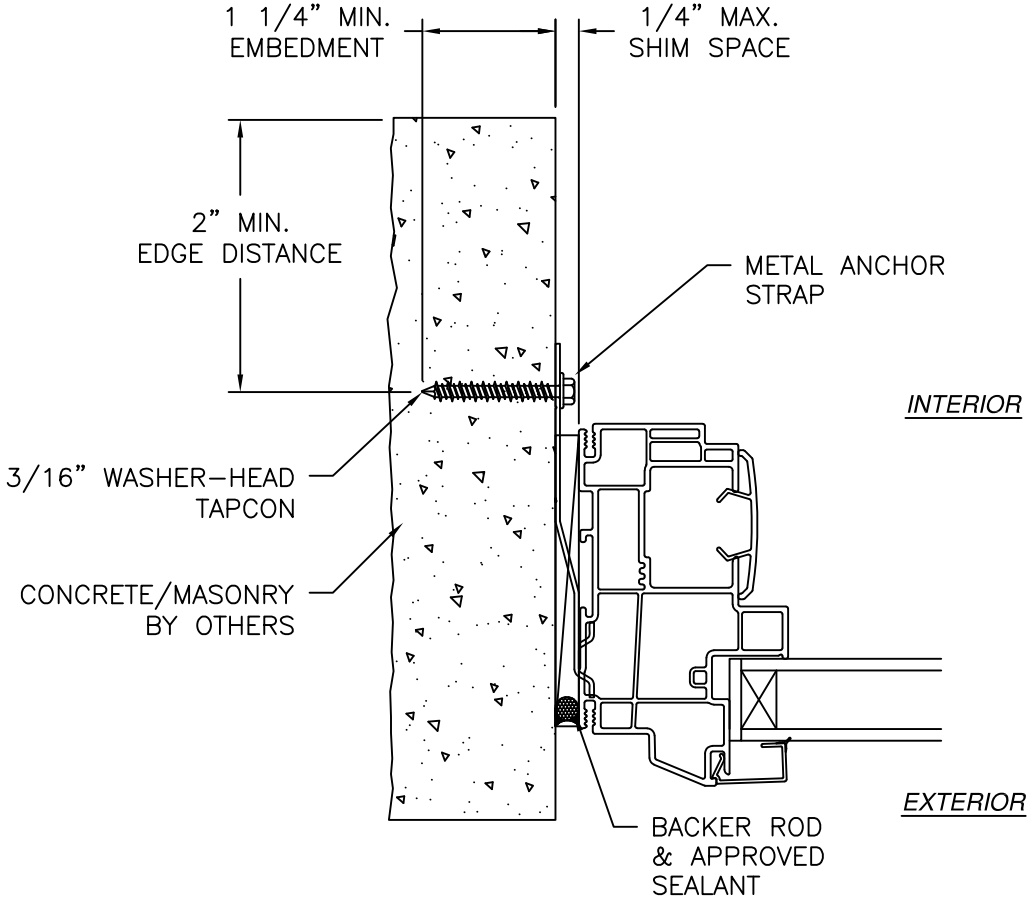
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FL No.: 62514



VERTICAL CROSS SECTION
CONCRETE/MASONRY WITH 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITHOUT 1X BUCK REFER TO
JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY WITHOUT 1X BUCK INSTALLATION
FOR CONCRETE/MASONRY WITH 1X BUCK REFER TO
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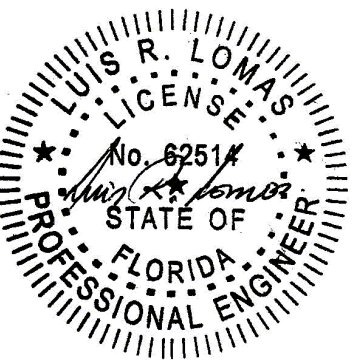
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2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

**F150 PICTURE WINDOW
NON-IMPACT
CLIP INSTALLATION DETAILS**

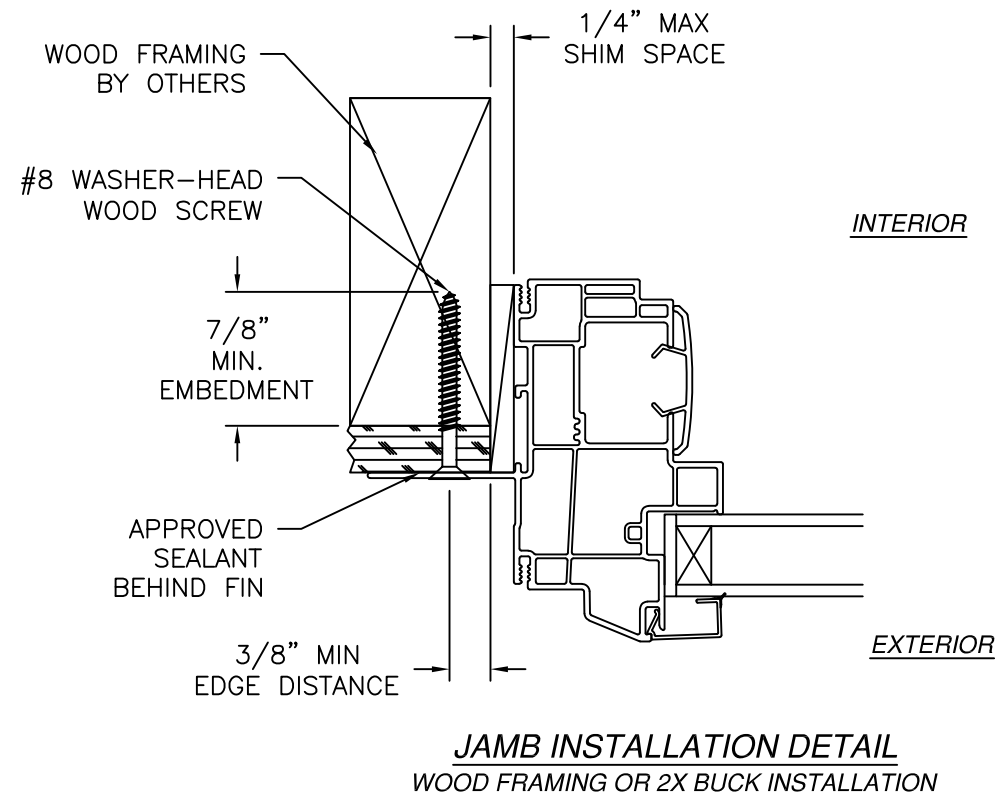
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rlomas@rlomaspe.com

DWG NO. 08-04212	SHEET 11 OF 14
SCALE NTS	REV - FPA -
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NT WINDOW, INC.
2900 WET SEMINARY DR.
FORTH WORTH, TX 76133

**F150 PICTURE WINDOW
NON-IMPACT
FIN INSTALLATION DETAILS**

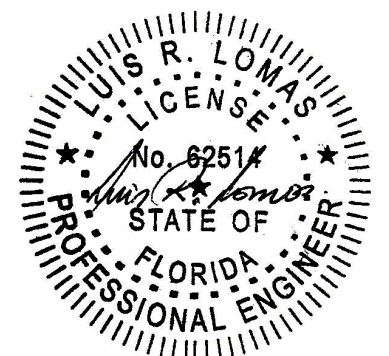
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434-688-0609 rlomas@rlomaspe.com

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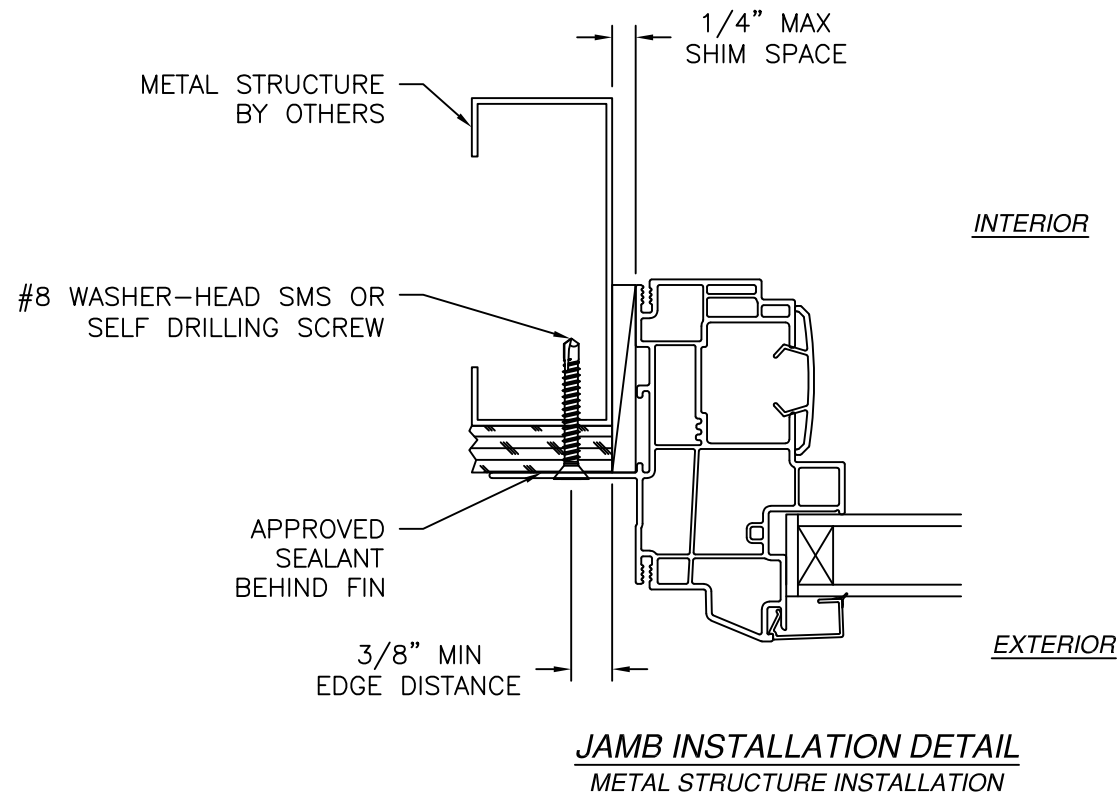
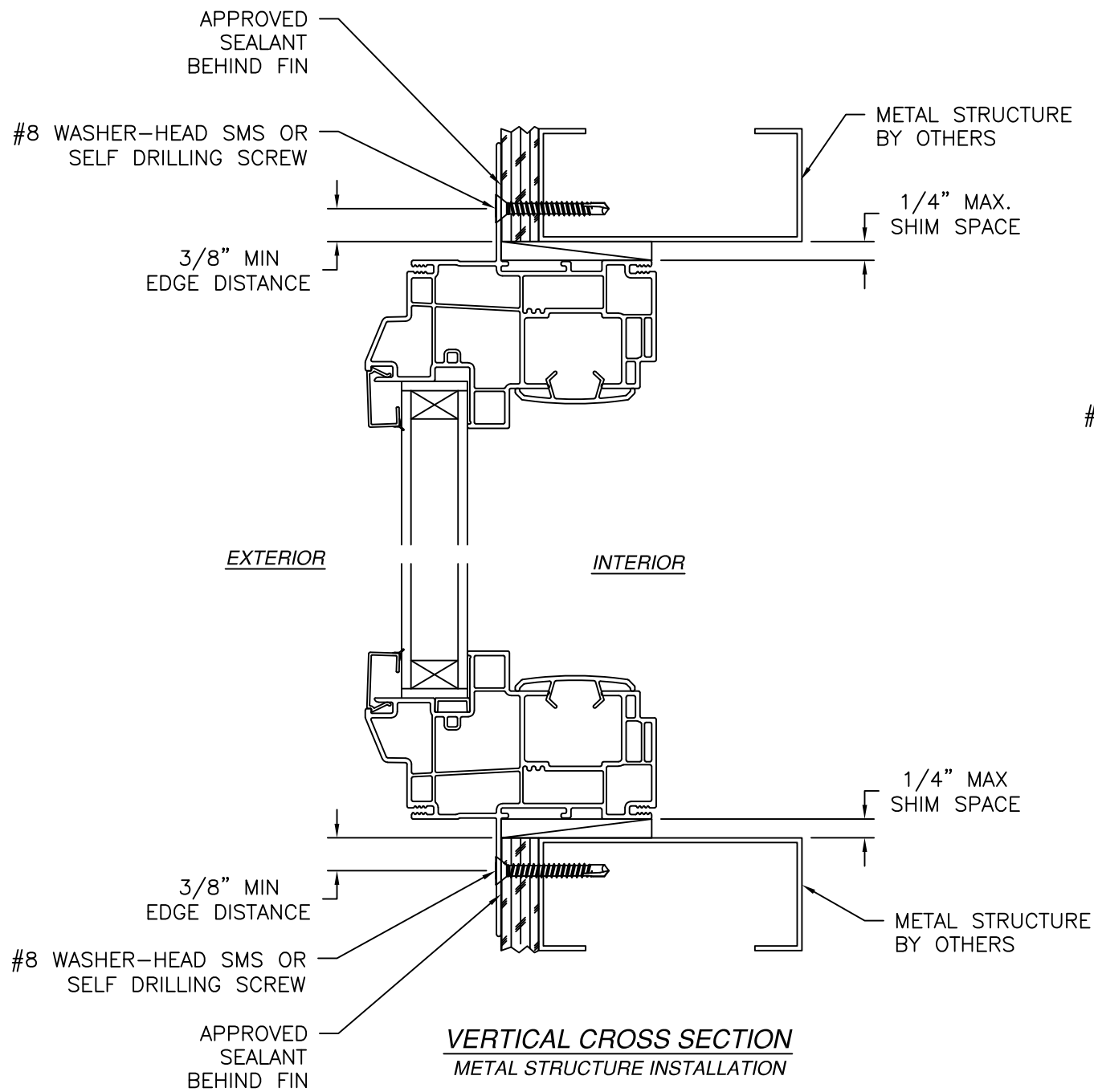
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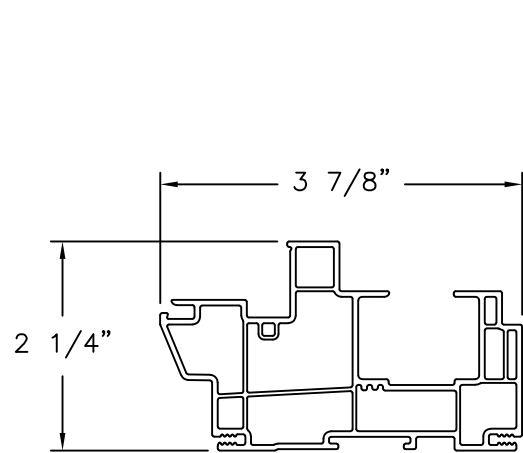
F150 PICTURE WINDOW
NON-IMPACT
FIN INSTALLATION DETAILS

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208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

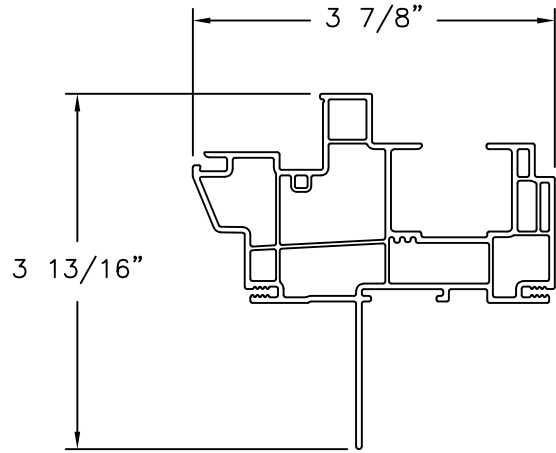
DWG NO. 08-04212	SHEET 13 OF 14
SCALE NTS	REV - FPA -
DRAWN R.L.	DATE: 06/10/26

SIGNED: 07/06/2026

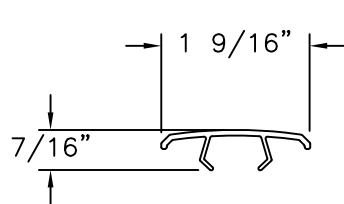
Luis R. Lomas P.E.
FL No.: 62514



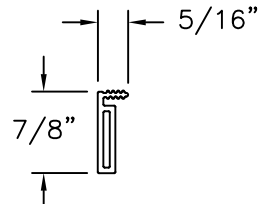
F150 HEAD
EXTRUDED PVC



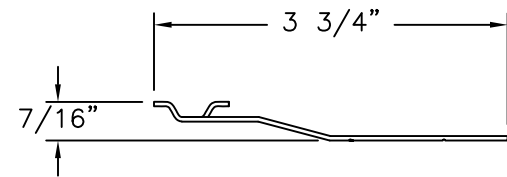
F150 HEAD WITH FIN
EXTRUDED PVC



FRAME ADAPTER
EXTRUDED PVC



FLANGE
EXTRUDED PVC



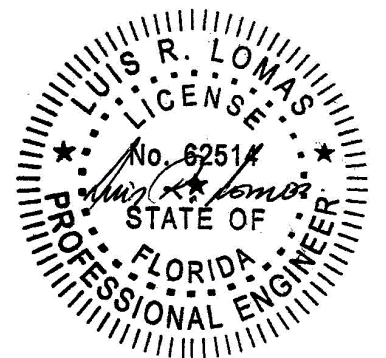
METAL CLIP
GALVANIZED STEEL

REVISIONS		DATE
DESCRIPTION	REV	

NT WINDOW, INC. 2900 WET SEMINARY DR. FORTH WORTH, TX 76133		F150 PICTURE WINDOW NON-IMPACT COMPONENTS	L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com
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DWG NO. 08-04212	SHEET 14 OF 14
SCALE NTS	REV - FPA -
DRAWN R.L.	DATE: 06/10/26

SIGNED: 07/06/2026



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