REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	01/04/23	R.L.
E	CURRENT FBC	08/24/26	LMH

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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. 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.
4. 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.
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 WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
7. 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".
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 FRAME INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1–1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" 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.
15. FOR ANCHORING THROUGH FRAME INTO METAL STRUCTURE USE #8 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. ALL FASTENERS TO BE CORROSION RESISTANT.
17. WHEN THE PRODUCT SPECIFIED HEREIN IS INSTALLED WITHIN 3000 FEET OF A SALTWATER COASTLINE, ALL ANCHORS AND CLIPS MUST COMPLY WITH SALTWATER ENVIRONMENT CORROSION RESISTANCE REQUIREMENTS OF FBC CHAPTER 17.
18. 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 3,192 PSI.
    C. MASONRY – STRENGTH CONFORMANCE TO ASTM C–90, GRADE N, TYPE 1 (OR GREATER).
    D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063–T5 .048" THICK MINIMUM
19. APPROVED CONFIGURATIONS: XO, OX.

SIGNED: 08/24/2026

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FL 16804

Eastern Architectural Systems
Aluminum and Vinyl Impact Windows and Doors

EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS
16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

143.095 SS HORIZONTAL SLIDING WINDOW
74" X 72" NON–IMPACT
NOTES

DRAWN:	DWG NO.	REV
N.G.	08–02526	E
SCALE NTS	DATE 11/03/14	SHEET 1 OF 9

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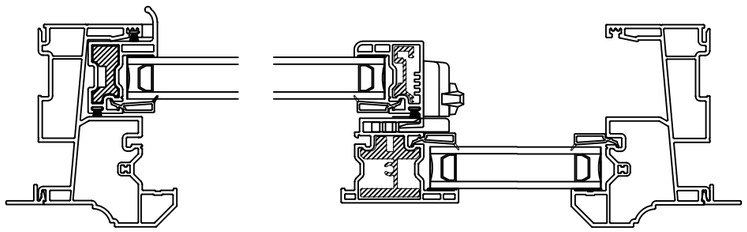

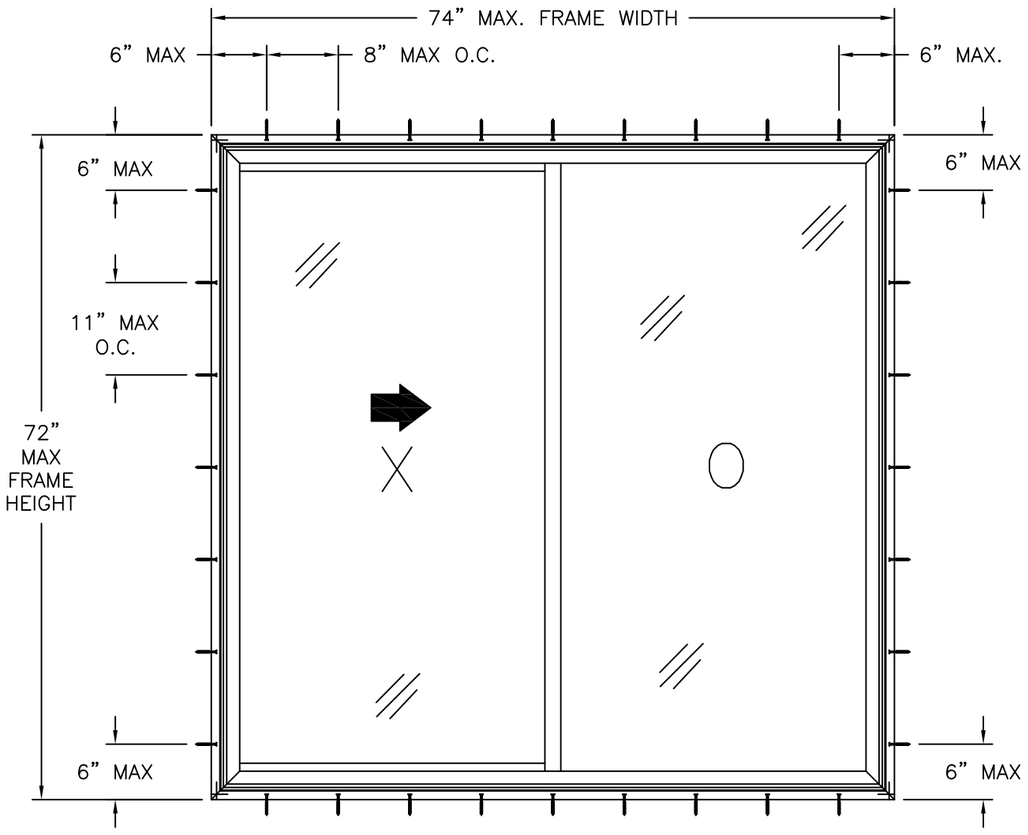

143.095 SS HORIZONTAL SLIDING WINDOW

DESIGN PRESSURE RATING	*IMPACT RATING*
+35.0/-40.0 PSF	*NONE*

NOTES:
1. MAXIMUM PANEL SIZE: 35–3/4" X 67–1/4"
2. MAXIMUM D.L.O.: 33–3/16" X 66–1/2"
3. (2) WEEP COVERS AT SILL FACE 2" FROM EACH CORNER.
4. (2) WEEP SLOTS AT SILL FACE 2" FROM EACH CORNER.
5. (2) WEEP SLOTS AT SILL FRAME UNDER GLASS.

HARDWARE SCHEDULE	
A.	(2) KEEPERS AT FIXED MEETING STILE 8" FROM HEAD & SILL
B.	(2) LOCKS AT SASH LOCK STILE 8" FROM EACH CORNER
C.	(2) ROLLERS AT SASH RAIL CORNERS.
D.	(1) ALUMINUM REINFORCEMENT (10300084) IN FIXED MEETING STILE
E.	(2) ALUMINUM REINFORCEMENT (10300082) IN EACH SASH RAIL
F.	(1) ALUMINUM REINFORCEMENT (10300207) IN SASH PULL STILE.

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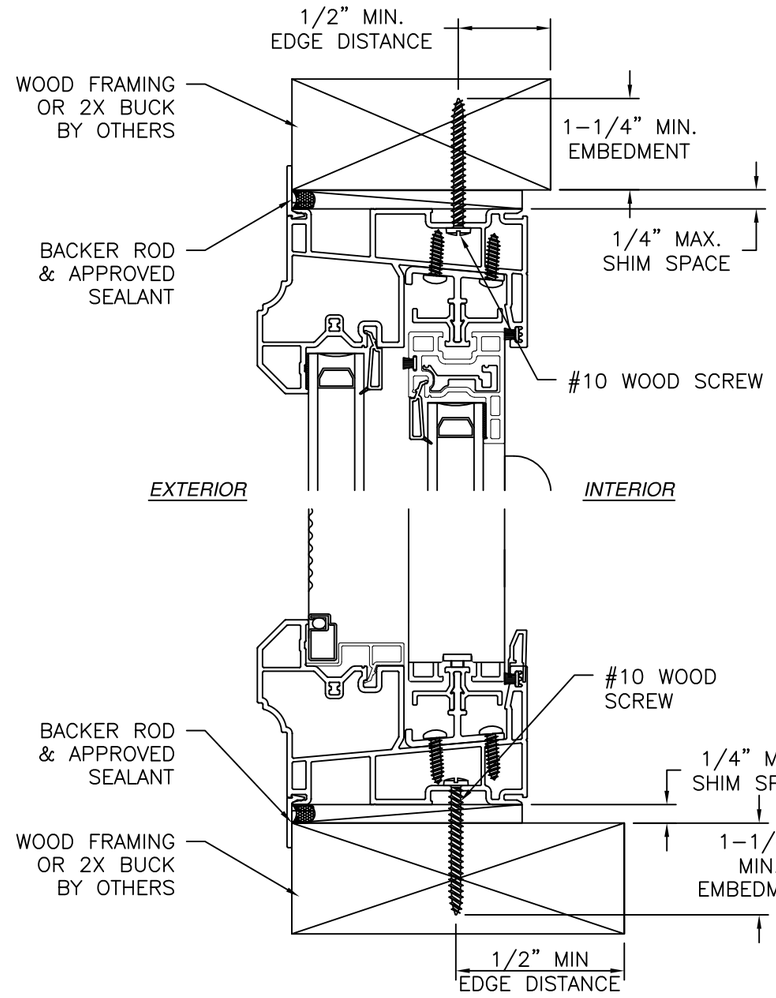
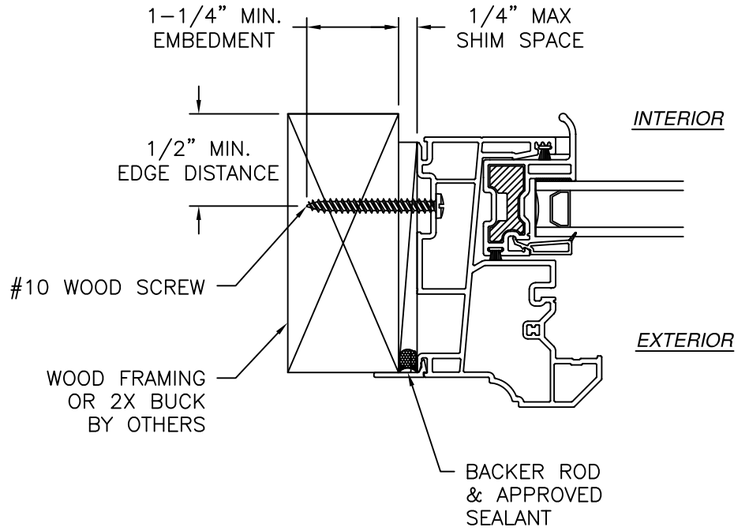


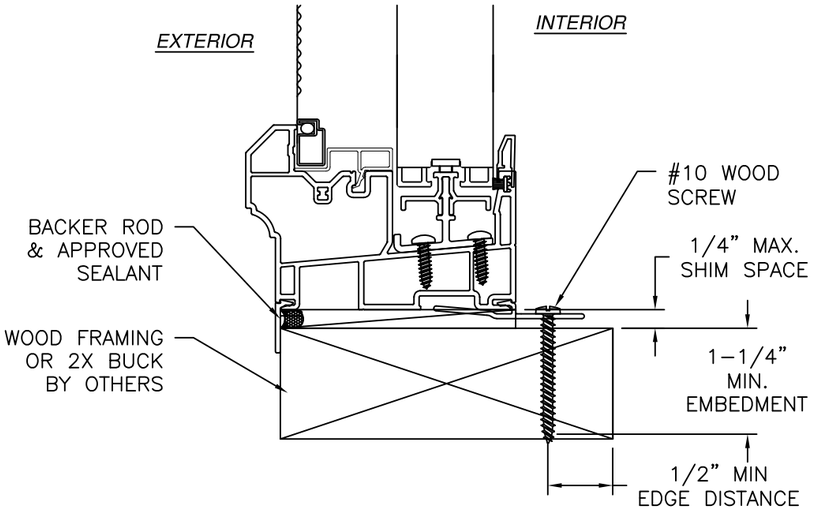
VERTICAL CROSS SECTION

WOOD FRAMING OR 2X BUCK THROUGH FRAME INSTALLATION



JAMB INSTALLATION DETAIL

WOOD FRAMING OR 2X BUCK INSTALLATION



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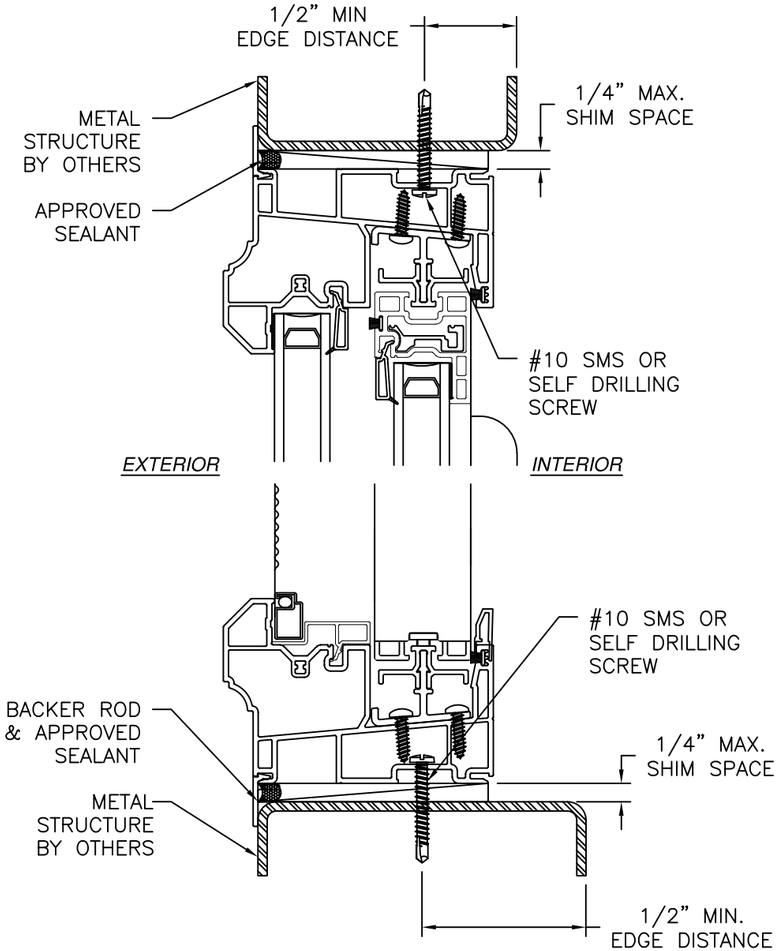
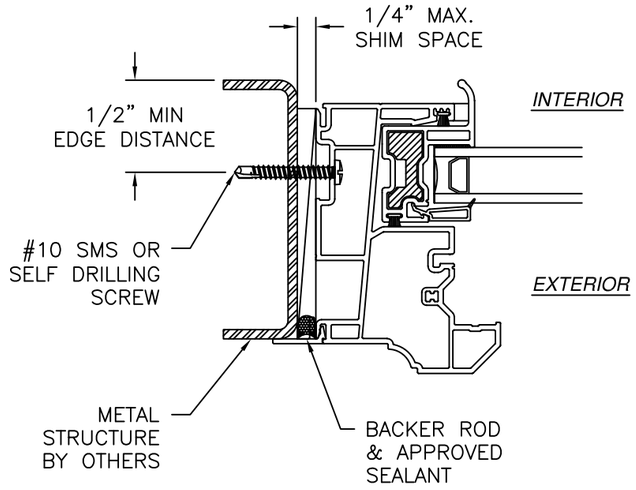
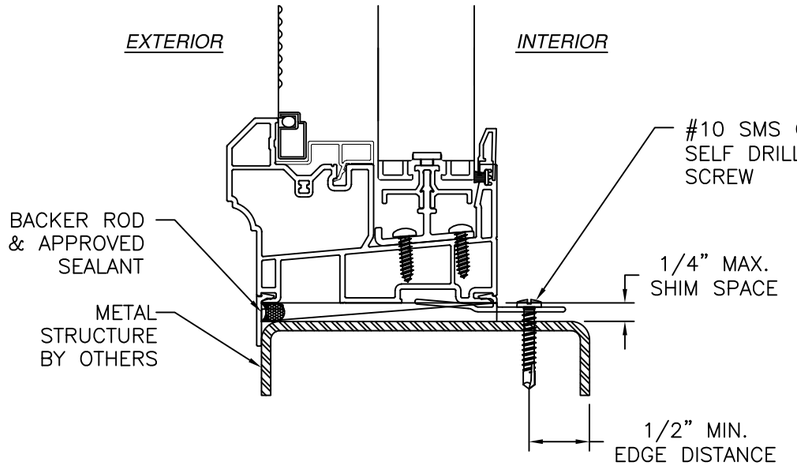


VERTICAL CROSS SECTION
METAL STRUCTURE THROUGH FRAME INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



VERTICAL CROSS SECTION
METAL STRUCTURE CLIP INSTALLATION

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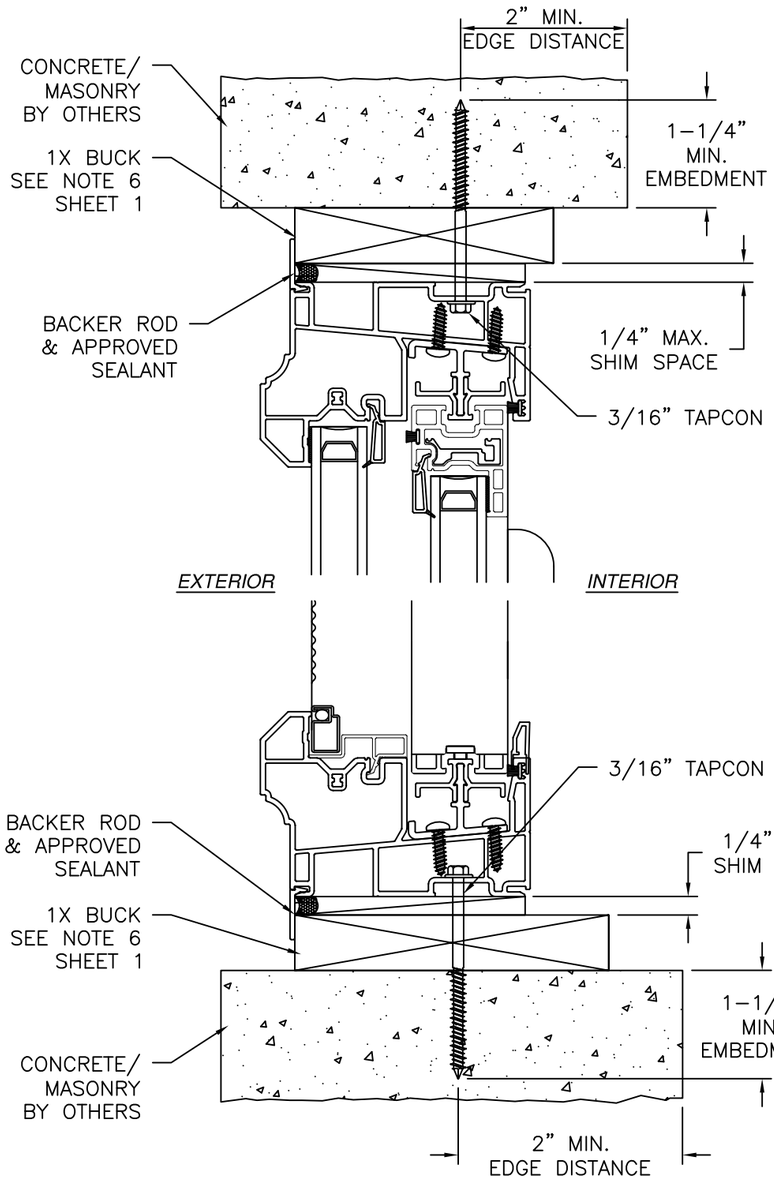
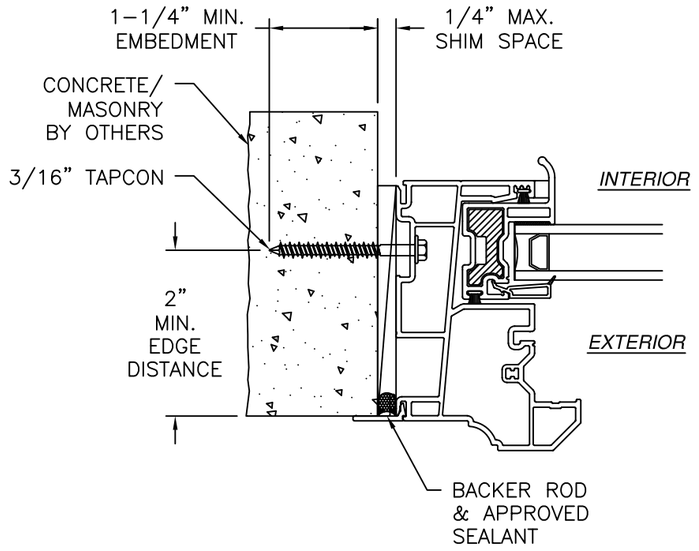


VERTICAL CROSS SECTION

CONCRETE/MASONRY 1X BUCK INSTALLATION

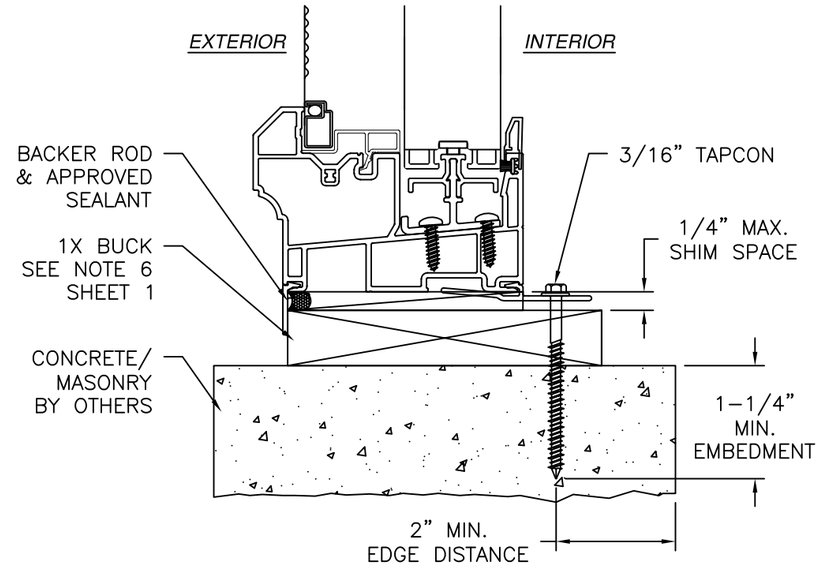
FOR INSTALLATION WITHOUT 1X BUCK REFER TO JAMB INSTALLATION DETAIL



JAMB INSTALLATION DETAIL

CONCRETE/MASONRY INSTALLATION

FOR 1X BUCK INSTALLATION REFER TO HEAD AND SILL INSTALLATION DETAILS



VERTICAL CROSS SECTION

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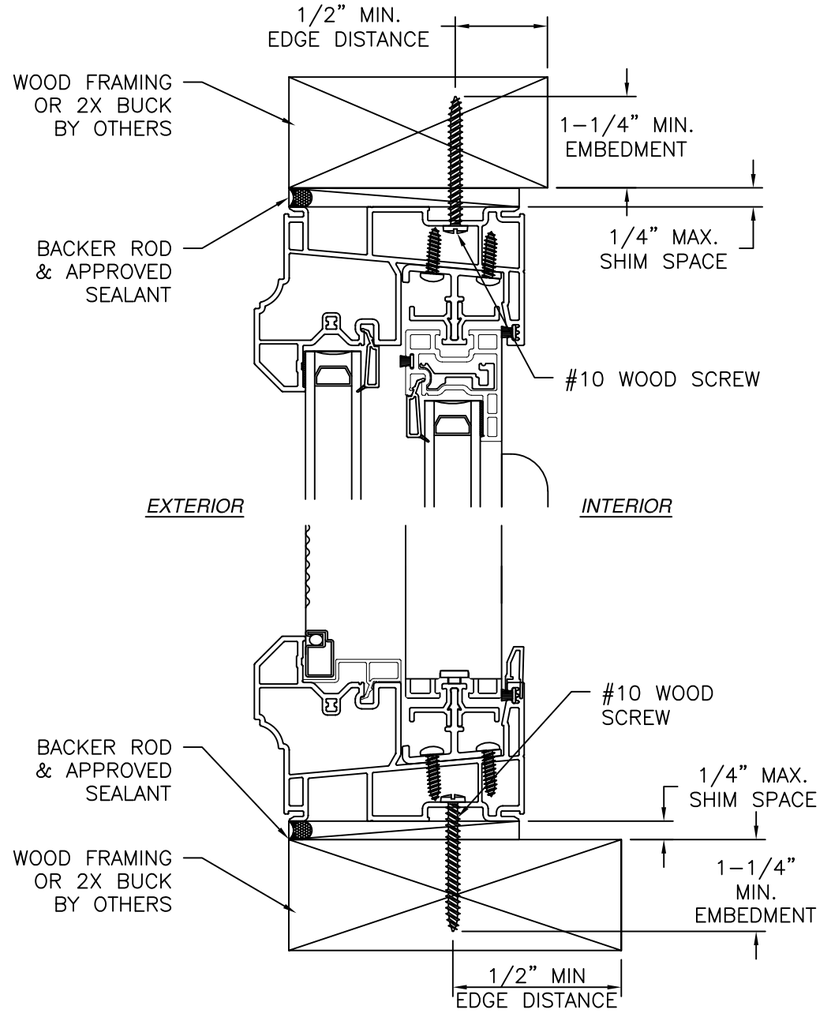
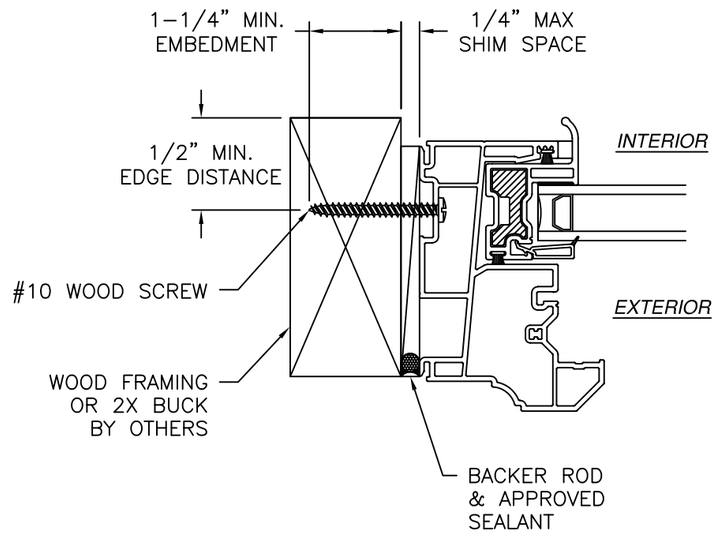


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK THROUGH FRAME INSTALLATION



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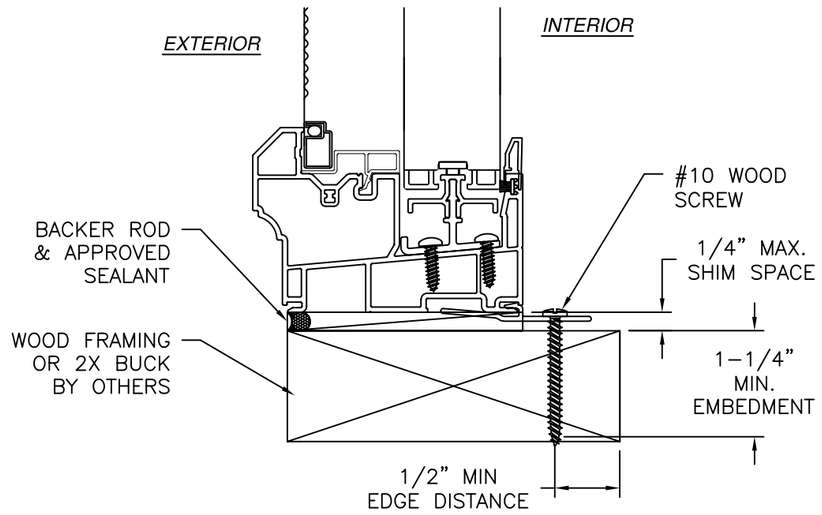

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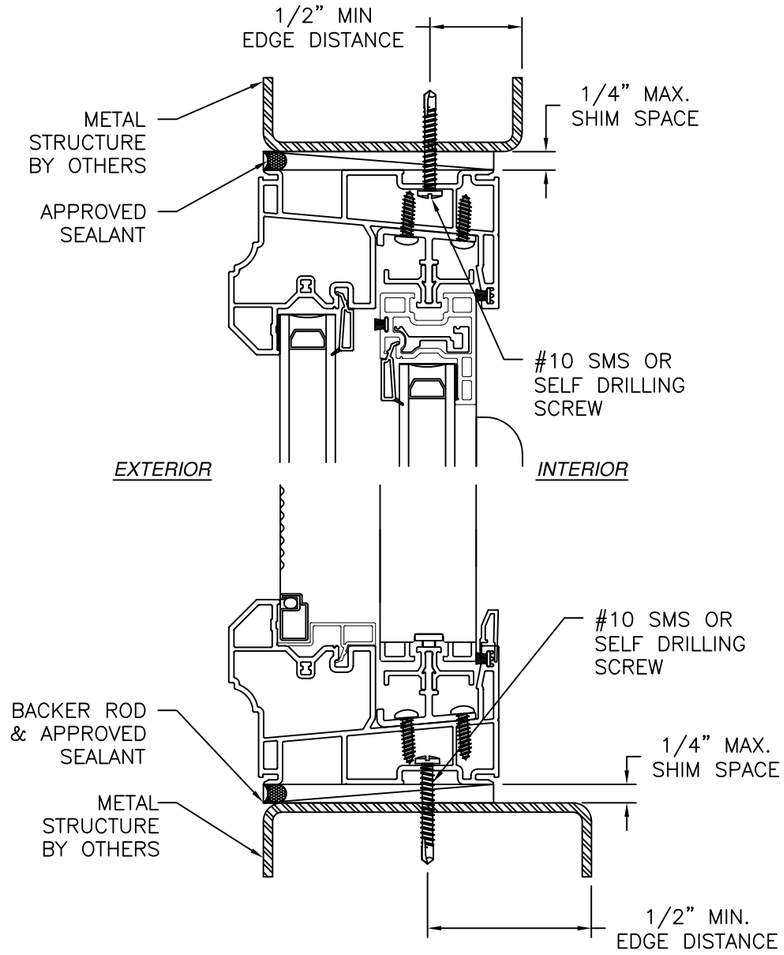

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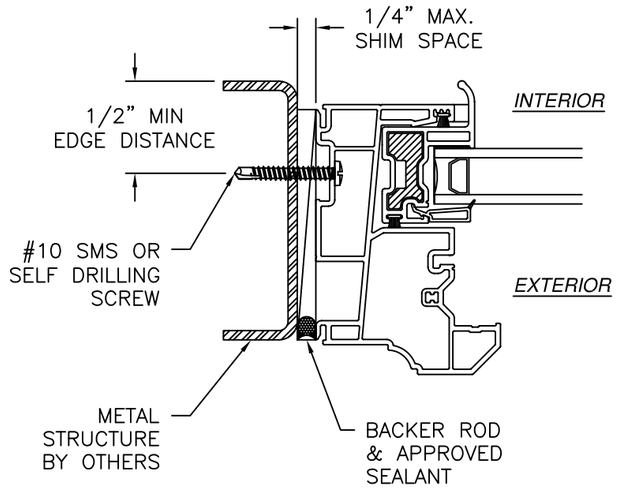
METAL STRUCTURE INSTALLATION



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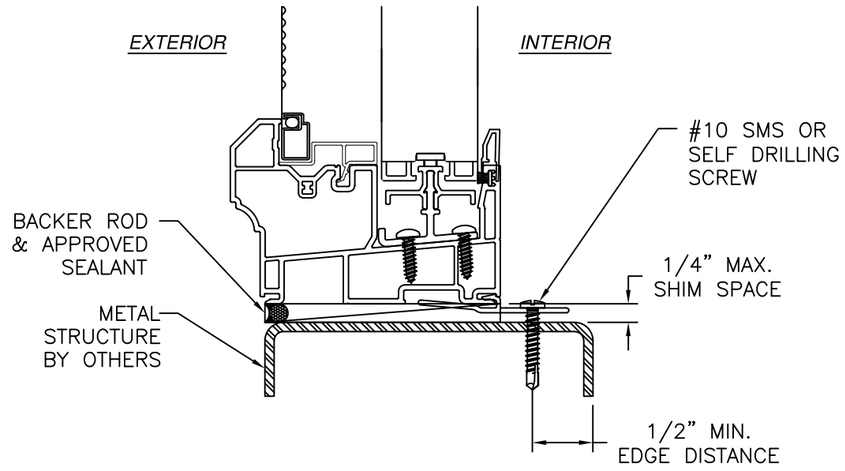

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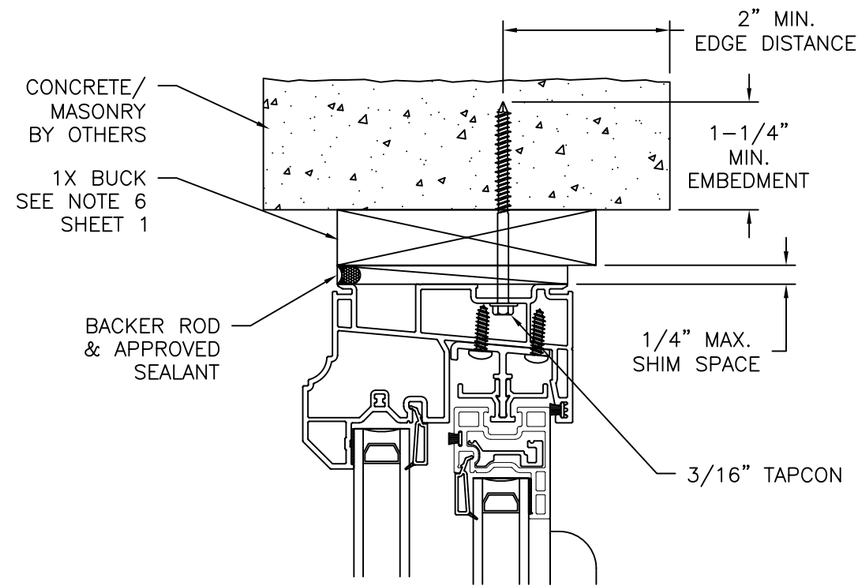

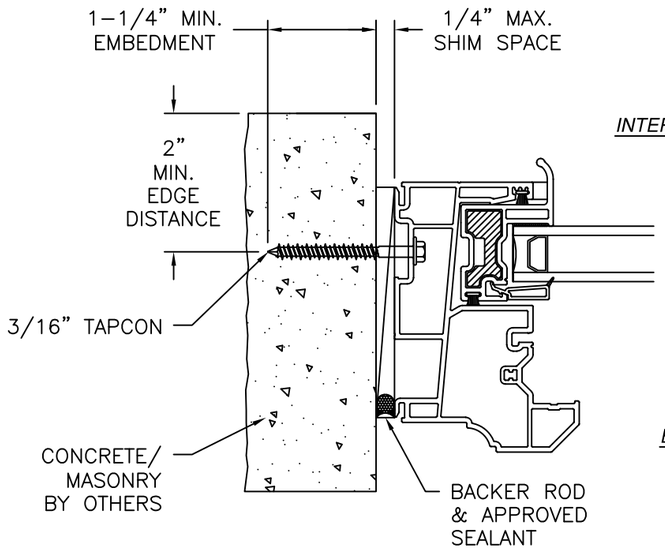

JAMB INSTALLATION DETAIL

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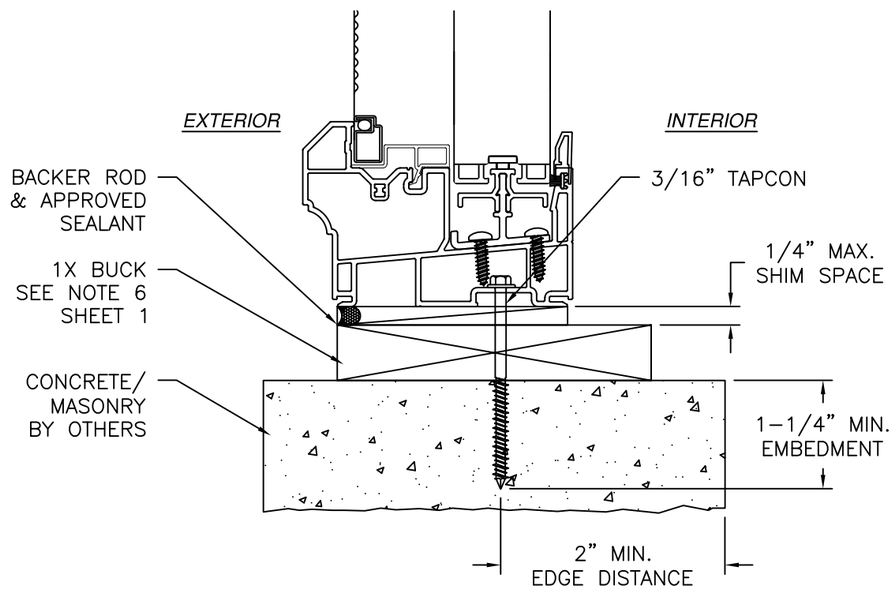
FOR 1X BUCK INSTALLATION REFER TO HEAD AND SILL INSTALLATION DETAILS



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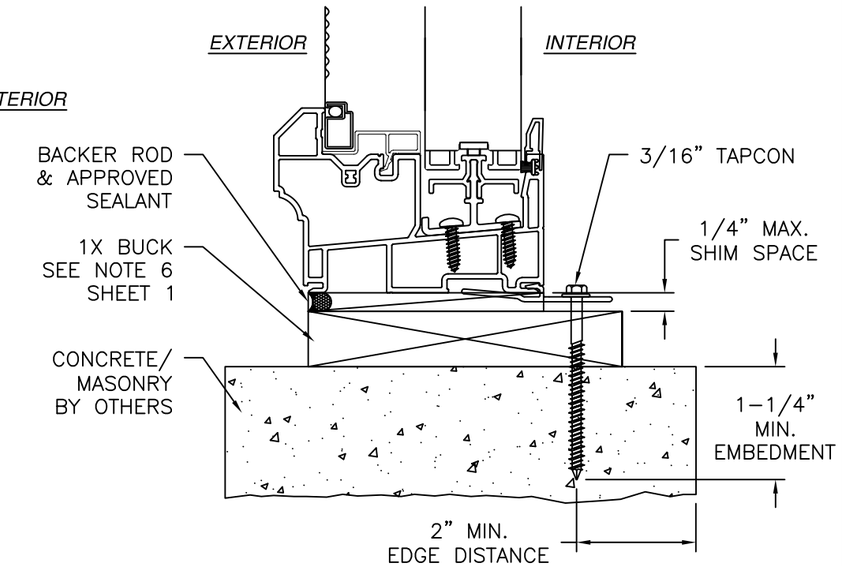

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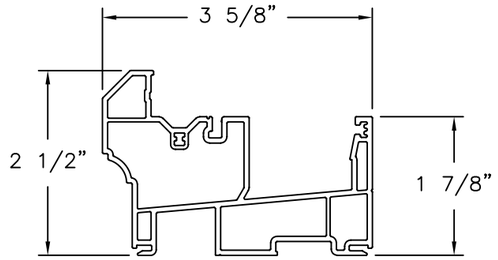
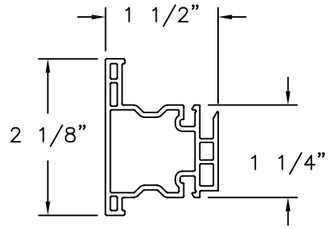
LUIS R. LOMAS LICENSE No. 62514 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

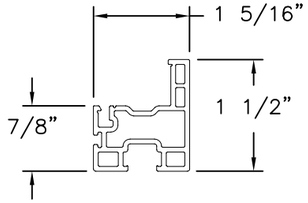
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED INSTALLATION DETAILS	01/04/23	R.L.
E	CURRENT FBC	08/24/26	LMH



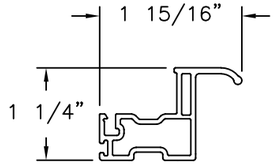
MAIN FRAME
PVC (10008669)



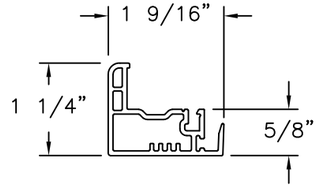
MEETING RAIL
PVC (10008511)



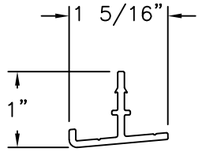
TOP/BOTTOM RAIL
PVC (10008857)



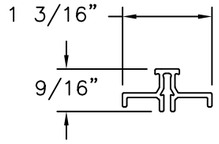
PULL STILE
PVC (10008882)



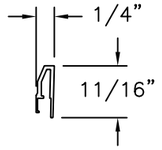
LOCK STILE
PVC (10008845)



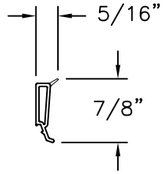
SLIDER TRACK
ALUMINUM 6005-T5 (10300189)



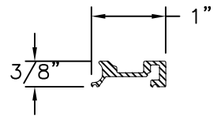
SLIDER TRACK INSERT
ALUMINUM 6005-T5 (10008469)



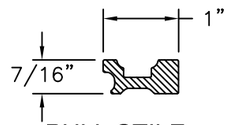
SILL EXTENDER
PVC (20008052)



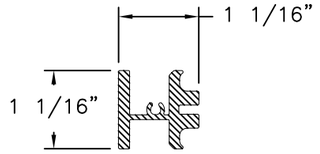
GLAZING BEAD
PVC (10005470)



LOCK STILE REINFORCEMENT
ALUMINUM 6005-T5(10300082)



PULL STILE REINFORCEMENT
ALUMINUM 6005-T5 (10300207)



MEETING RAIL REINFORCEMENT
ALUMINUM 6005-T5, 6061-T5 OR 6105-T5(10300084)

SIGNED: 08/24/2026

EASTERN ARCHITECTURAL SYSTEMS
A DIVISION OF
CORNERSTONE BUILDING BRANDS

16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

143.095 SS HORIZONTAL SLIDING WINDOW
74” X 72” NON-IMPACT
COMPONENTS

DRAWN:	DWG NO.	REV
N.G.	08-02526	E
SCALE NTS	DATE 11/03/14	SHEET 9 OF 9

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FL 16804