

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO COMPLY WITH 2007 FBC	1/17/09	R.L.
B	REVISED NOTES & GLAZING DETAIL	3/09/12	R.L.
C	ADDED SILL DETAIL	04/20/12	R.L.
D	REVISED INSTALLATION DETAILS	07/13/15	R.L.
E	REVISED GLAZING DETAILS	10/29/15	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: EXTRUDED RIGID PVC.
12. UNITS MUST BE GLAZED PER ASTM E1300–04, SEE SHEET 2 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 1/4” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. 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.
16. 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 1/2” MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
17. FOR ANCHORING THROUGH FRAME 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.
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:

A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42

B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.

C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH f’m=2,000PSI MINIMUM.

D. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI 1/8” THICK MINIMUM
20. GEOMETRIC SHAPES ARE ALSO APPROVED. APPROVED GEOMETRIC SHAPES DIMENSIONS SHALL NOT EXCEED INSCRIBED DIMENSIONS OF APPROVED RECTANGULAR ASSEMBLY SHOWN IN SHEET 2.

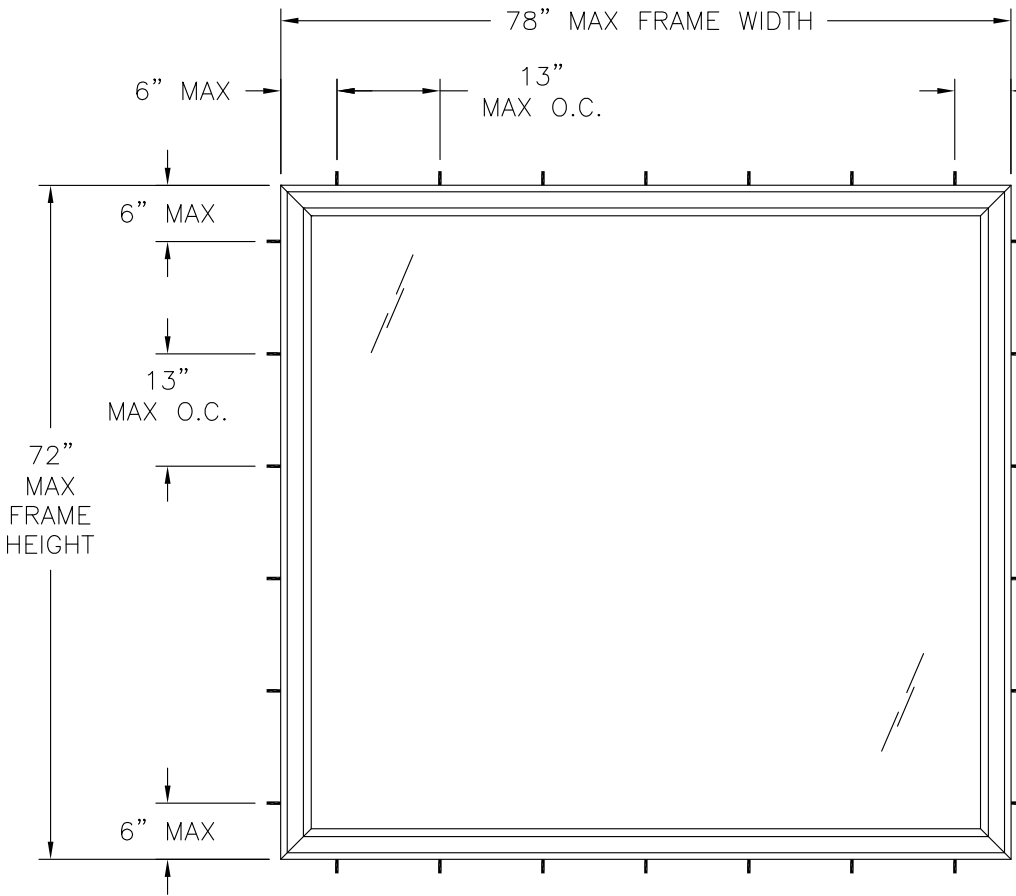
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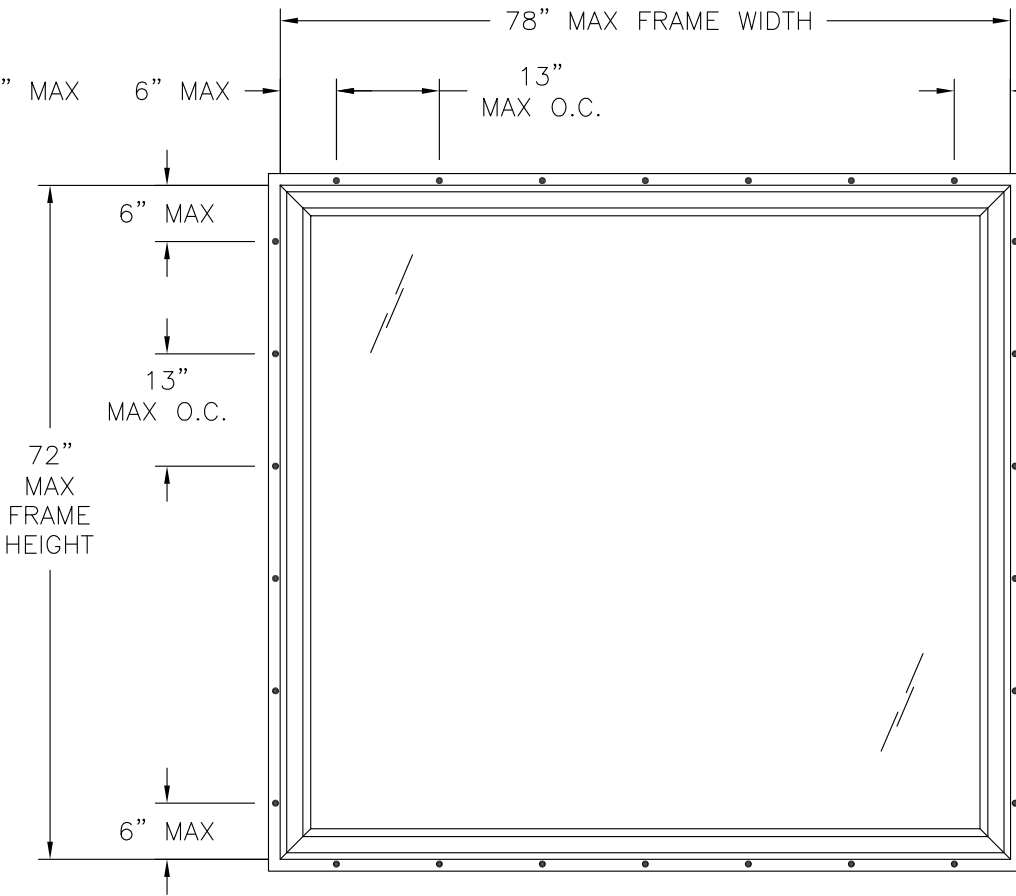
VINYL WINDOW TECHNOLOGIES, INC		
2400 IRVIN COBB DRIVE PADUCAH, KY 42002		
SHORELINE PICTURE WINDOW 3100 78” X 72” IMPACT HVHZ NOTES		
DRAWN: R.L.	DWG NO. 08–00204	REV E
SCALE NTS	DATE 7/25/07	SHEET 1 OF 9



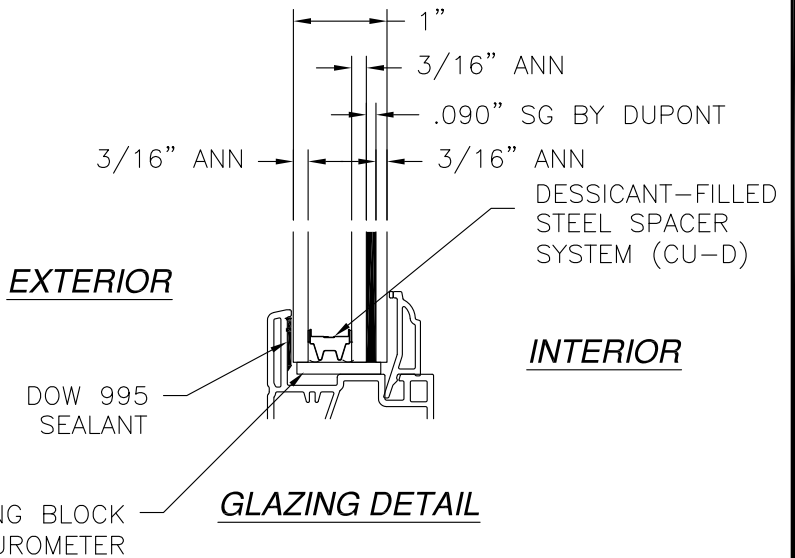
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WINDQUEST V707 SINGLE HUNG WINDOW
EXTERIOR VIEW
FRAME FLUSH INSTALLATION



WINDQUEST V707 SINGLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION



DESIGN PRESSURE RATING	IMPACT RATING
± 60.0 PSF	LARGE MISSILE IMPACT

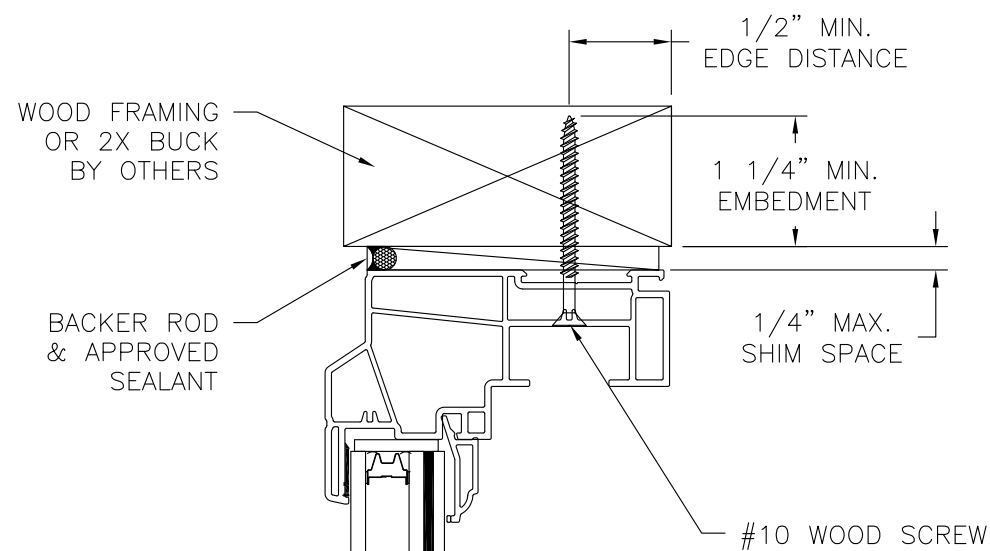
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ

NOTES:
1. MAXIMUM D.L.O.: 72 1/4" X 66 1/2"

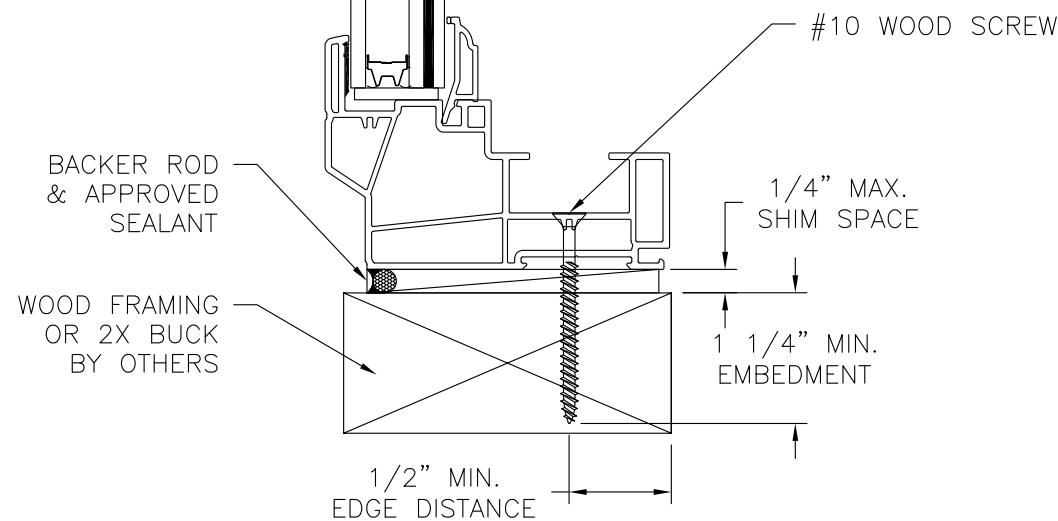
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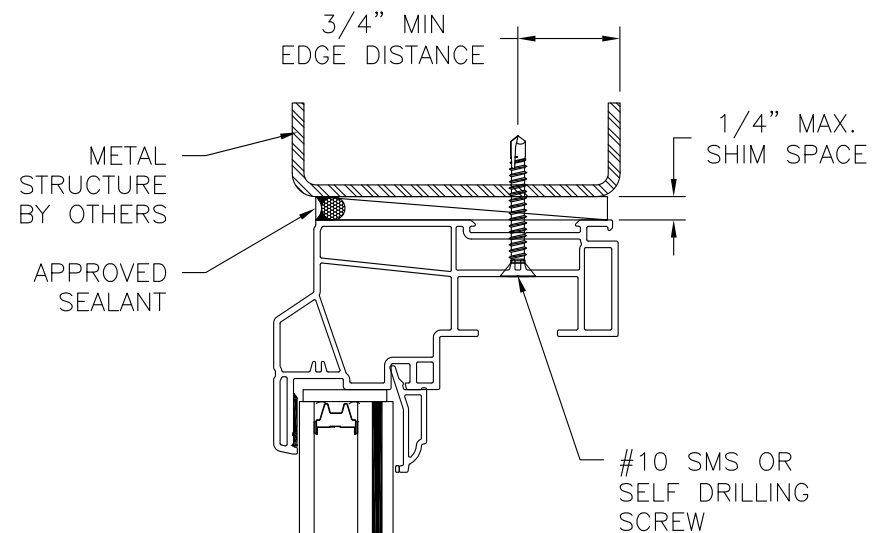




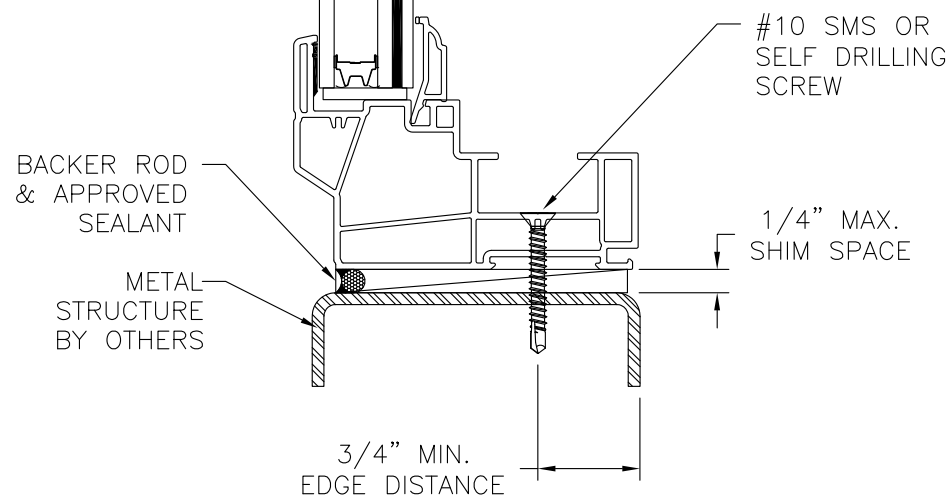
EXTERIOR INTERIOR



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR



EXTERIOR INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR

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NOTES:

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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

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VINYL WINDOW TECHNOLOGIES, INC

2400 IRVIN COBB DRIVE
PADUCAH, KY 42002

SHORELINE PICTURE WINDOW 3100
78" X 72" IMPACT HVHZ
FLUSH INSTALLATION DETAILS

DRAWN:

R.L.

DWG NO.

08-00204

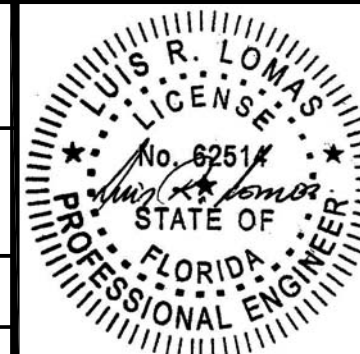
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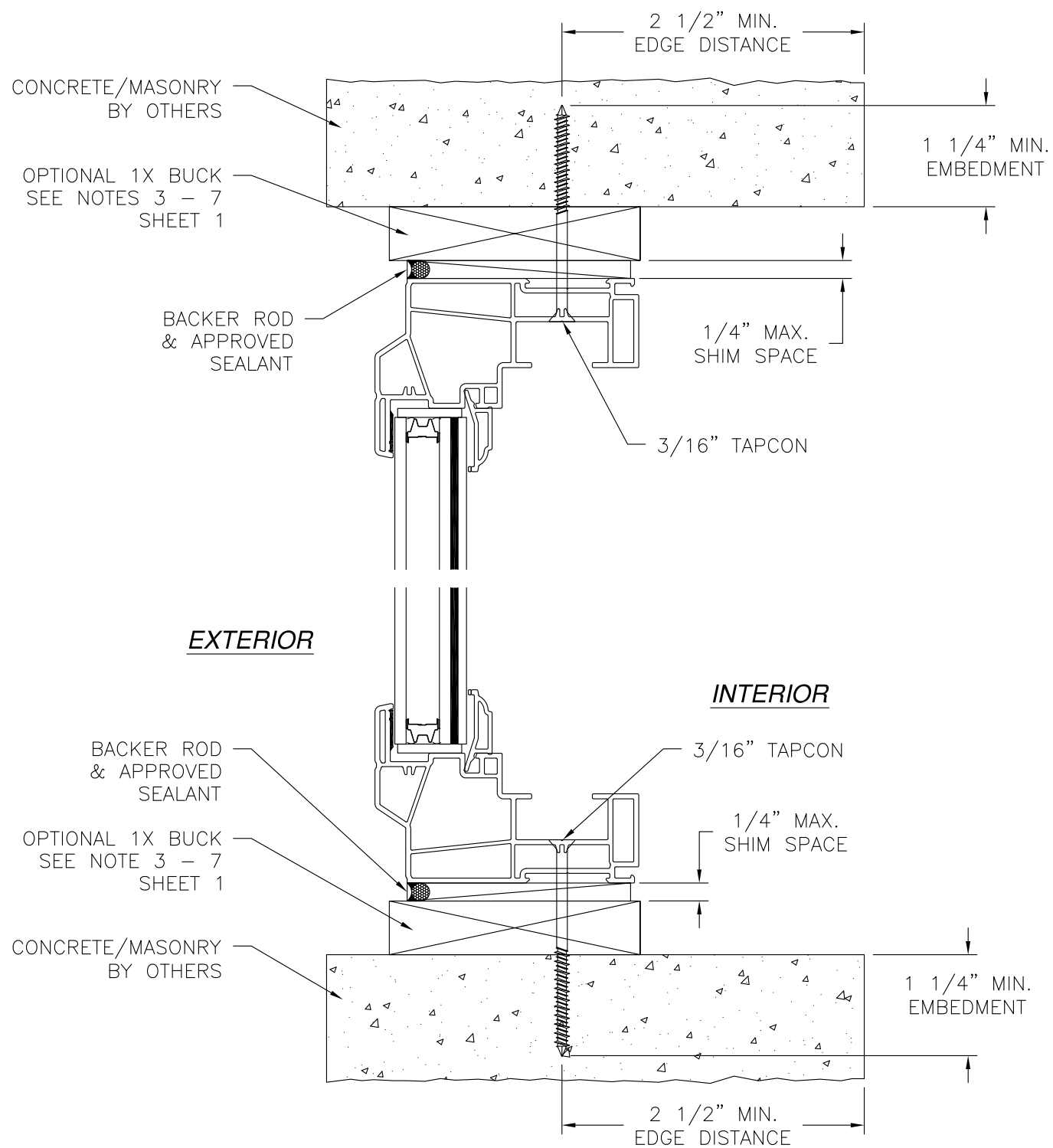
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SCALE NTS

DATE 7/25/07

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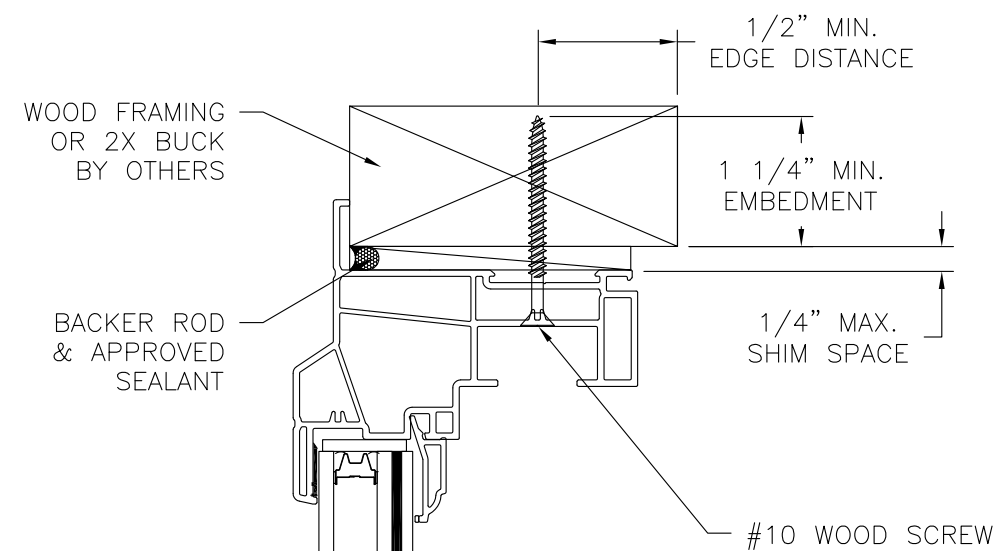
VERTICAL CROSS SECTION
 CONCRETE/MASONRY INSTALLATION
 HEAD AND SILL SHOWN, JAMBS SIMILAR

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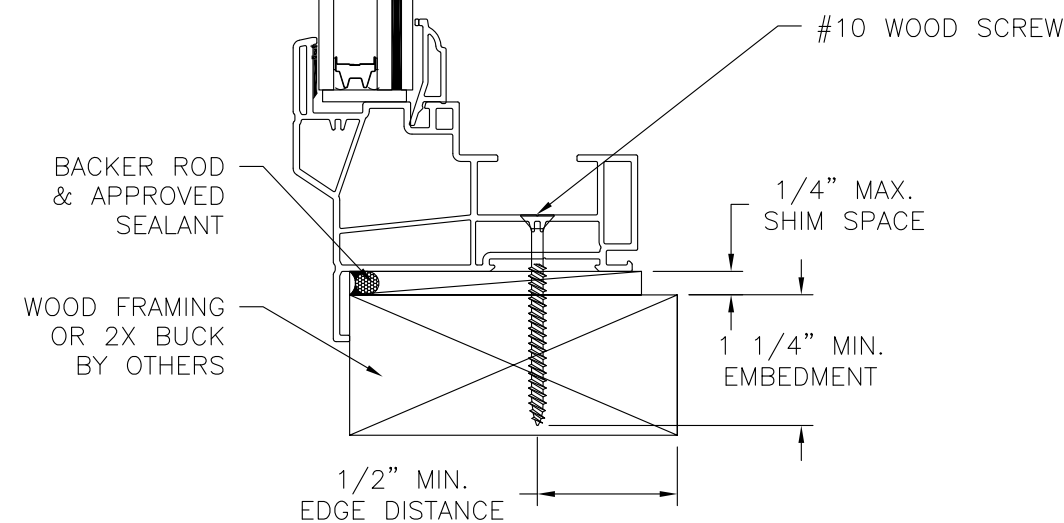
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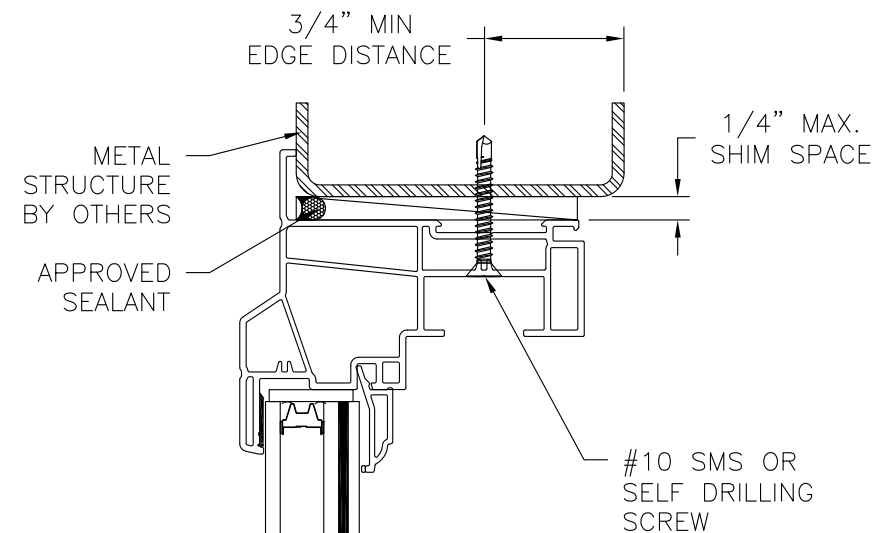
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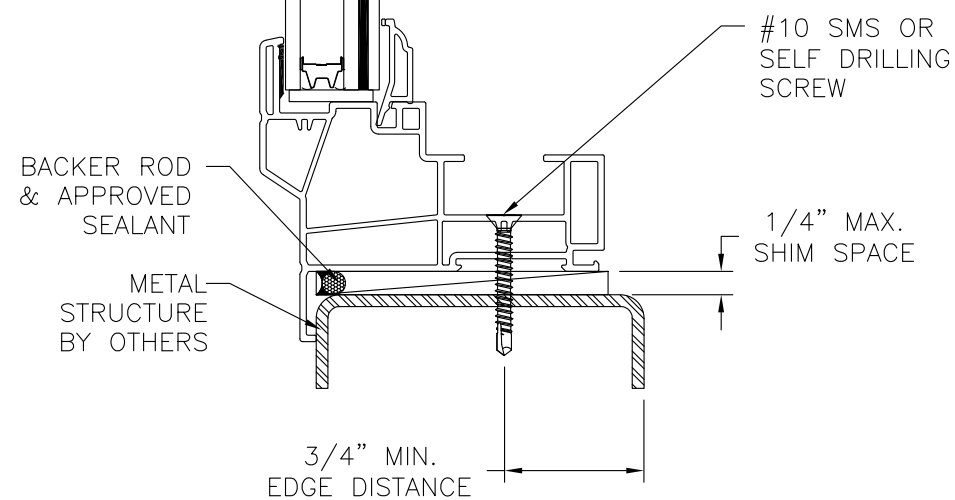
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VERTICAL CROSS SECTION
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HEAD AND SILL SHOWN, JAMBS SIMILAR



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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR

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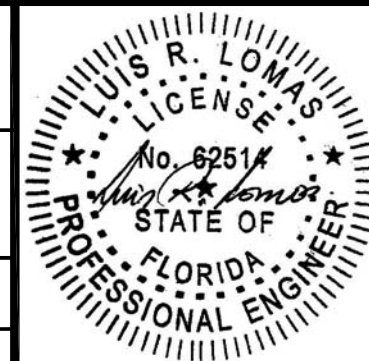
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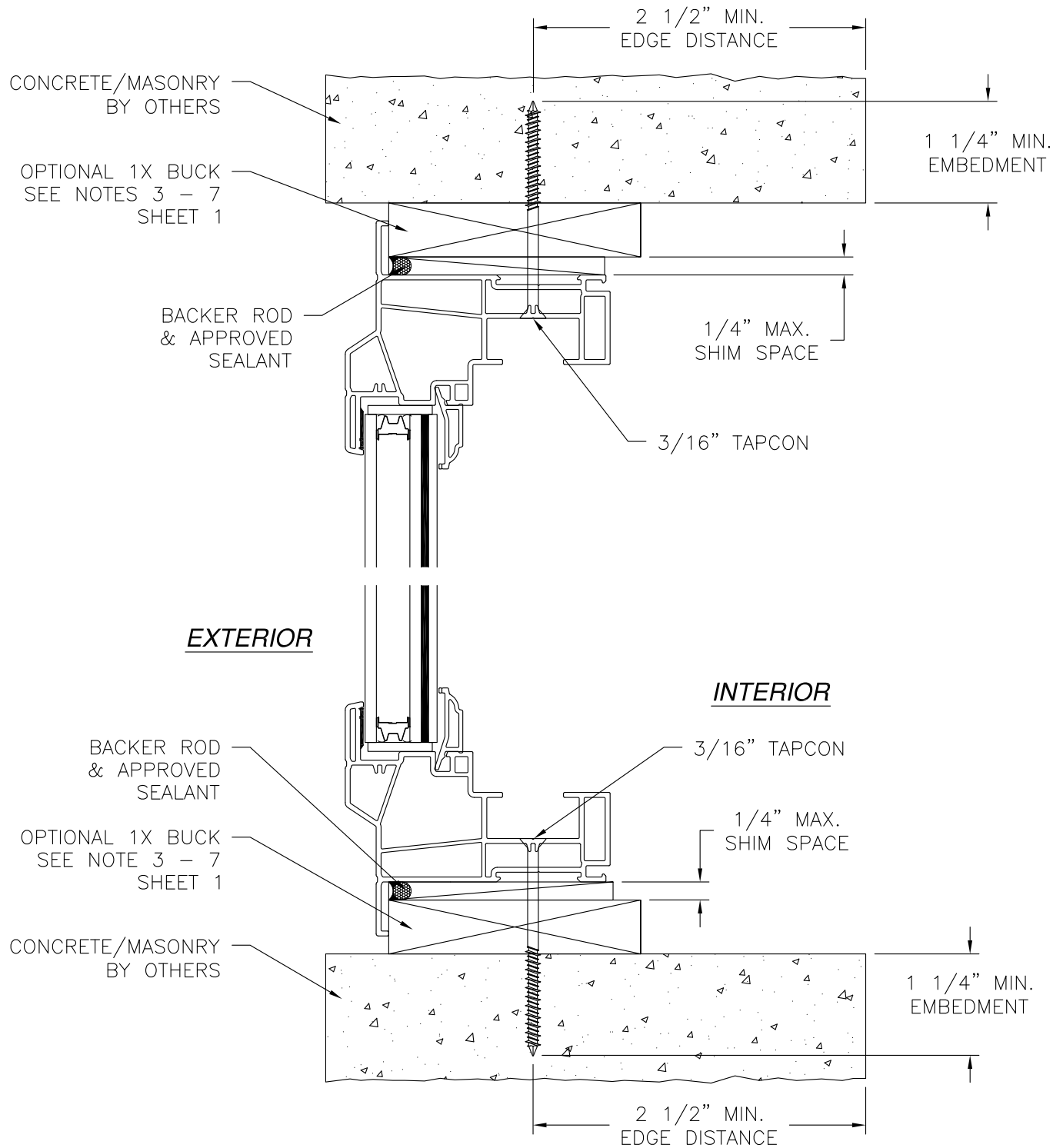
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2400 IRVIN COBB DRIVE
PADUCAH, KY 42002

SHORELINE PICTURE WINDOW 3100
78" X 72" IMPACT HVHZ
FLANGE INSTALLATION DETAILS

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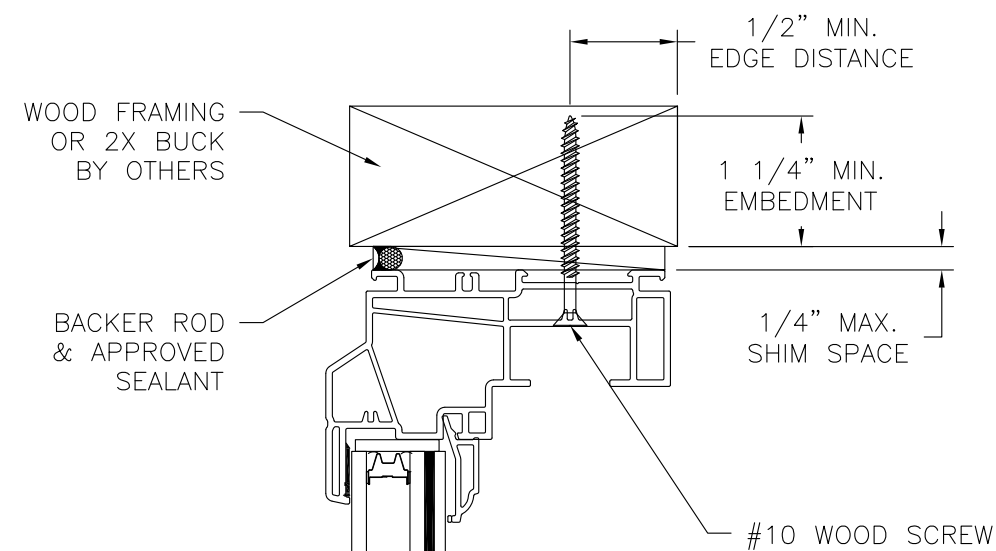
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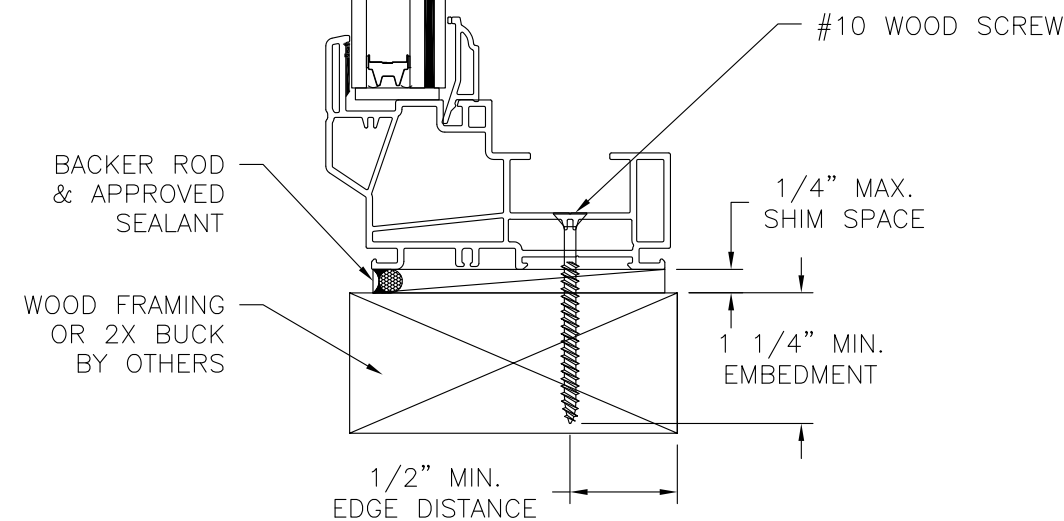
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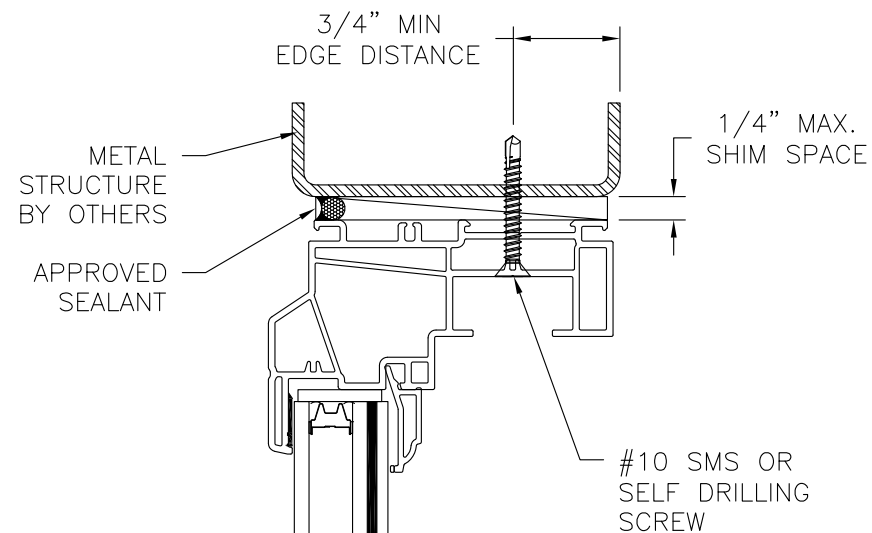


EXTERIOR

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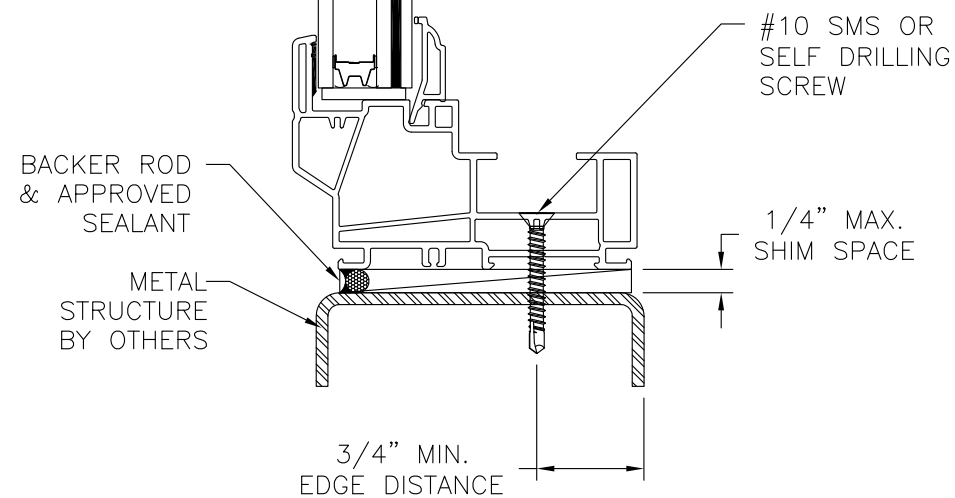


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR



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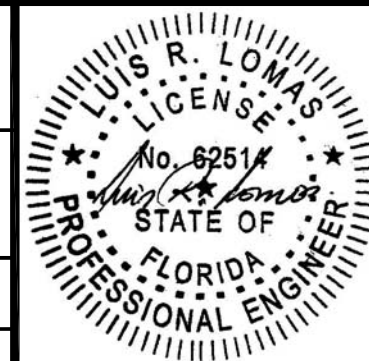
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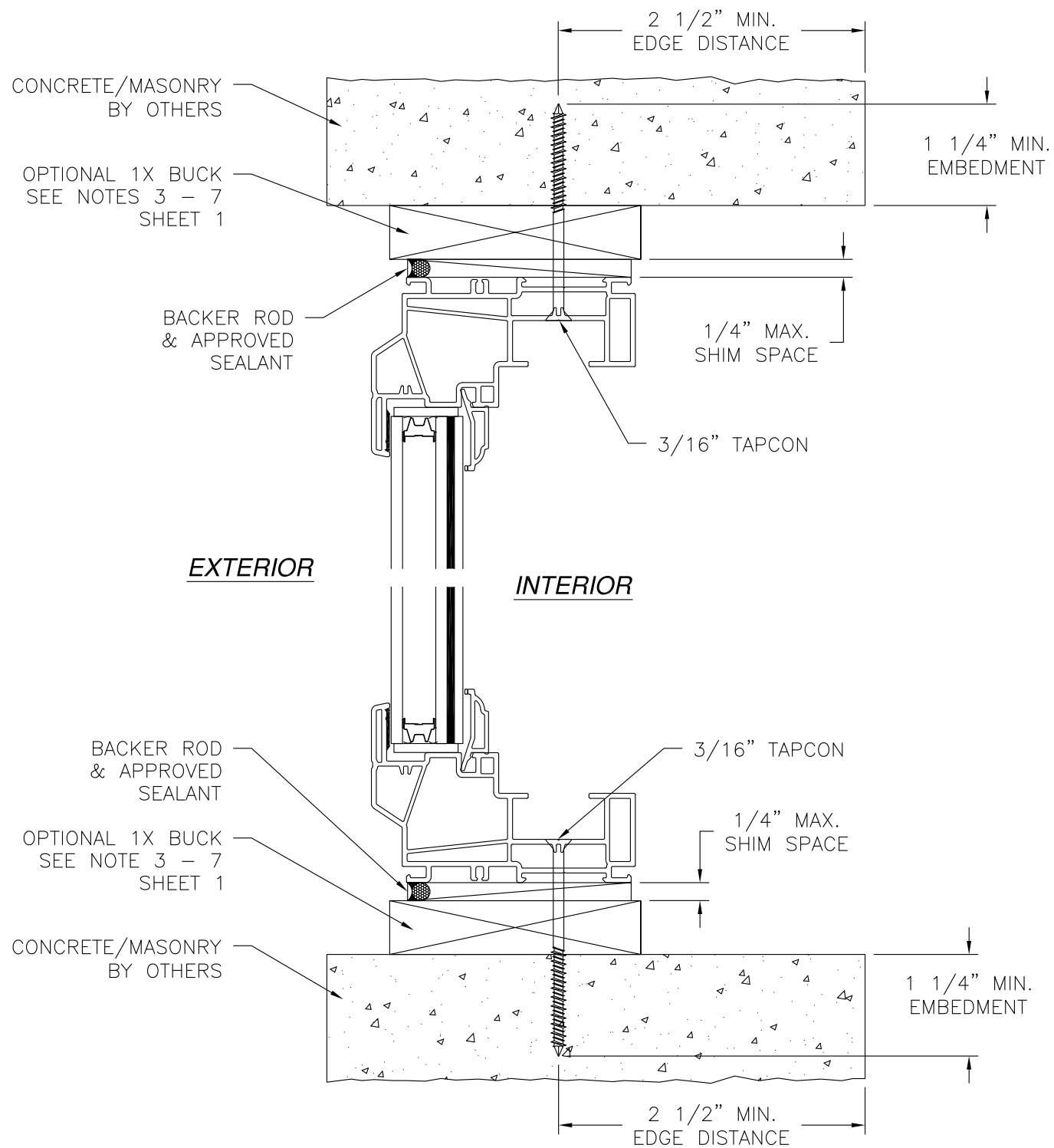
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VINYL WINDOW TECHNOLOGIES, INC
2400 IRVIN COBB DRIVE
PADUCAH, KY 42002

SHORELINE PICTURE WINDOW 3100
78" X 72" IMPACT HVHZ
FRAME INSTALLATION DETAILS

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CONCRETE/MASONRY INSTALLATION
HEAD AND SILL SHOWN, JAMBS SIMILAR

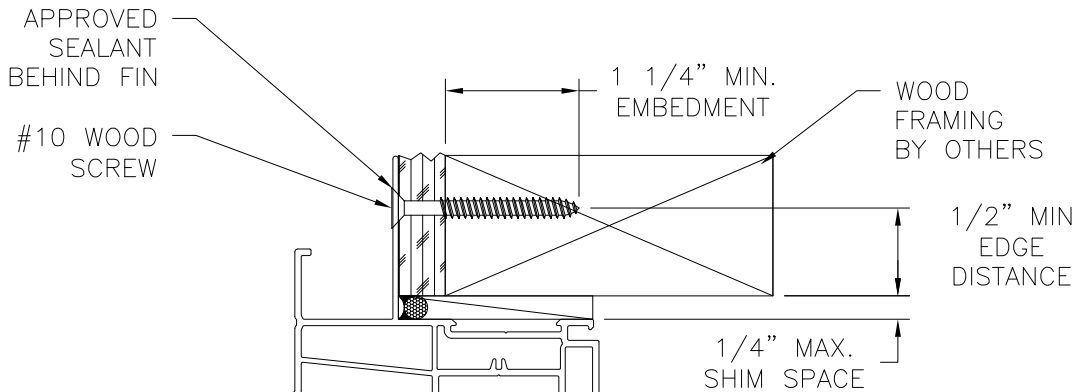
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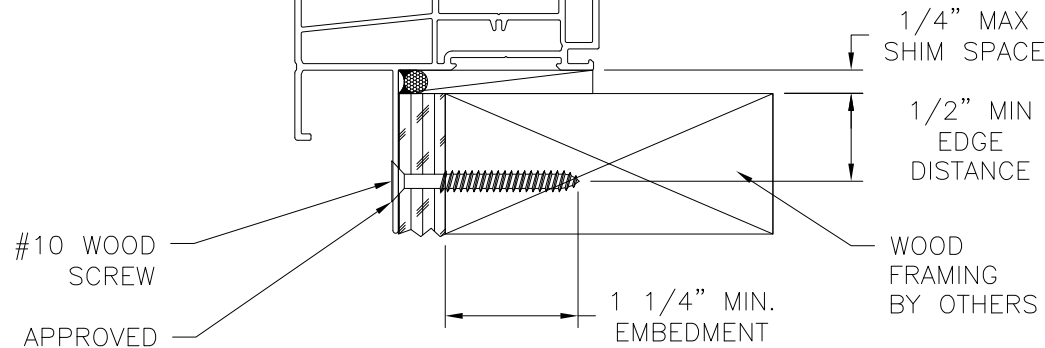
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