

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED TO ADD GLAZING DETAILS	05/26/2025	R.L.

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. 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: CO-EXTRUDED PVC FOAM.
12. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.

14. 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.
15. FOR ANCHORING 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.
16. 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
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 1/8" THICK MINIMUM
19. APPROVED CONFIGURATIONS: O/OX, O/XO, OX, XO.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3	ANCHORING LAYOUTS
4	GLAZING DETAILS
5 - 10	INSTALLATION DETAILS

NAN YA PLASTICS CORP. USA

8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES GLIDING 3 PANEL PATIO DOOR
SLIDING DOOR W/FIELD MULLION NON-IMPACT
OXXO ELEVATION AND NOTES

DRAWN:
R.L.

DWG NO.
08-02362

REV
C

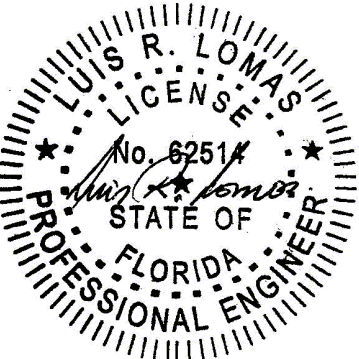
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DATE 07/07/2014

SHEET 1 OF 10

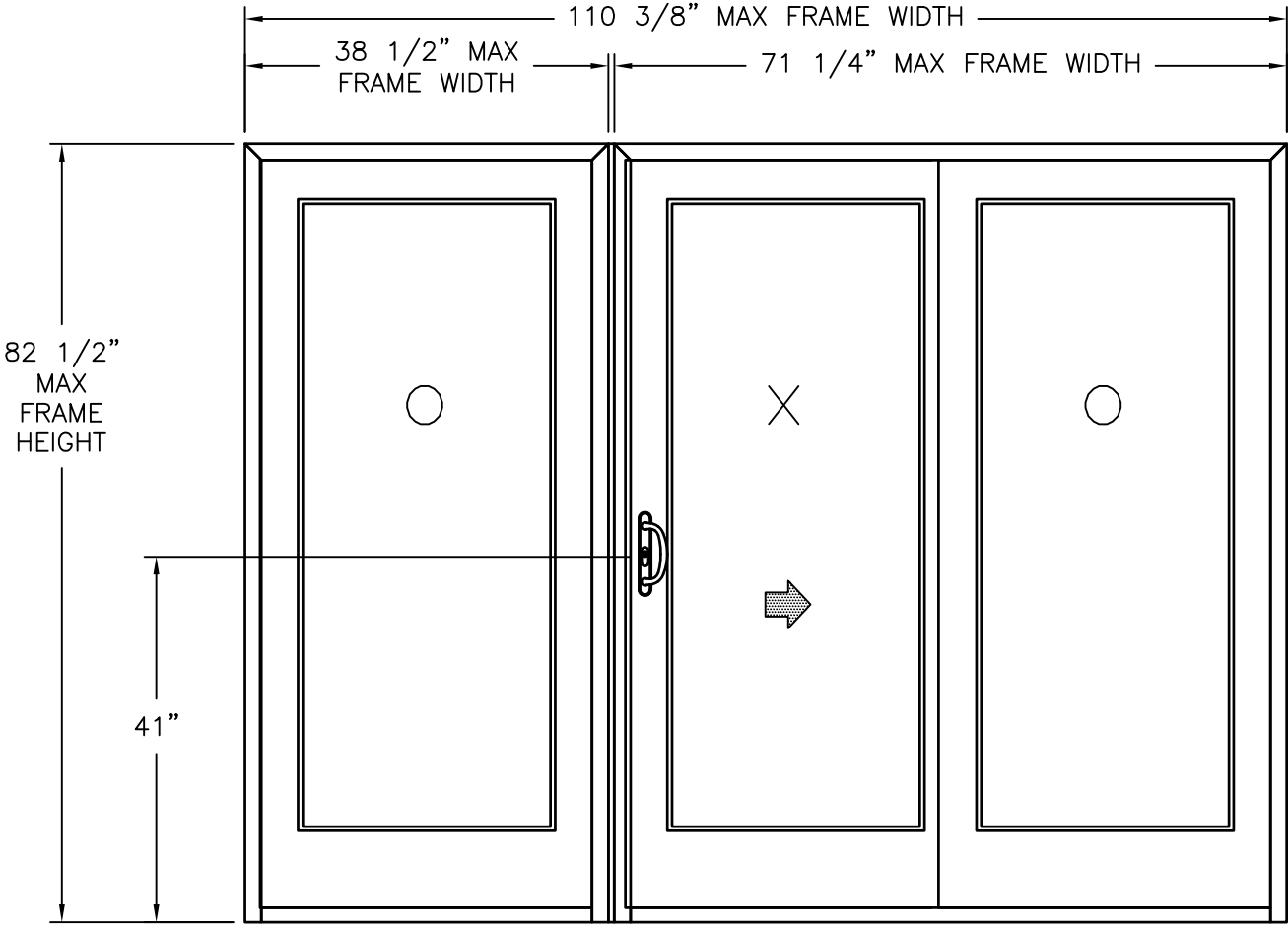
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com

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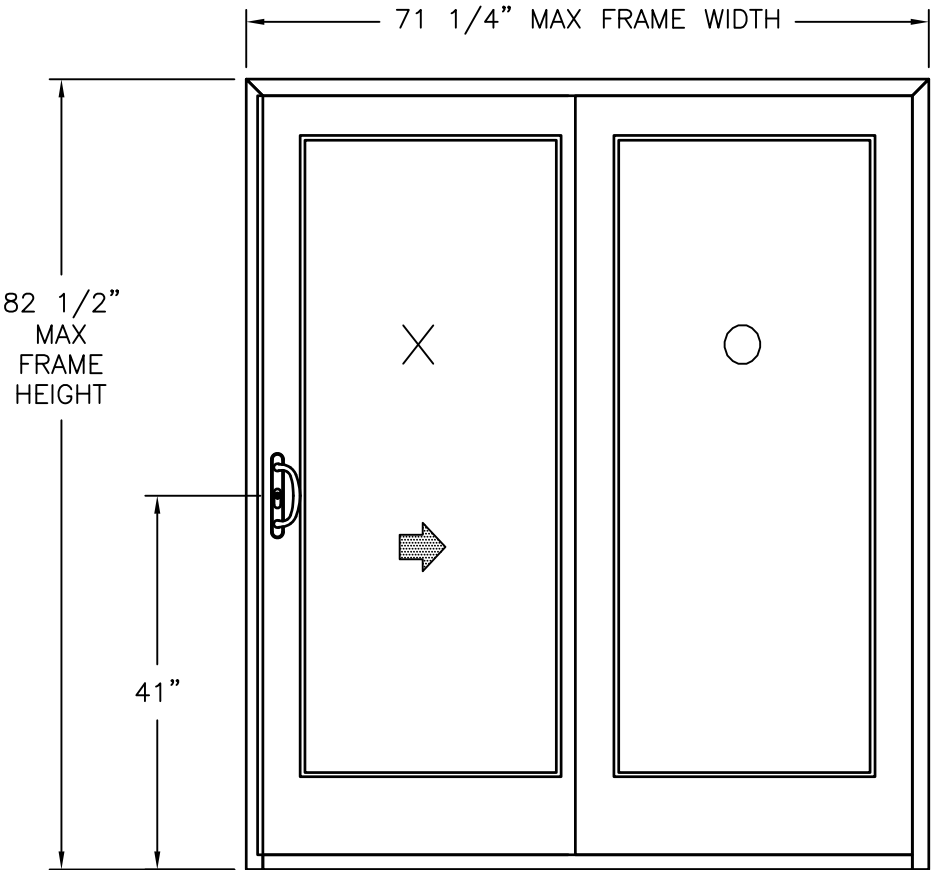


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SERIES GLIDING PANEL PATIO DOOR
EXTERIOR VIEW



SERIES GLIDING PANEL PATIO DOOR
EXTERIOR VIEW

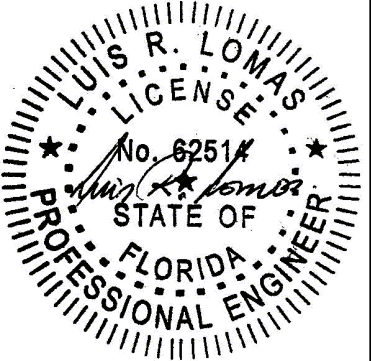
DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

- NOTES:
1. MAXIMUM PANEL SIZE: 35 3/4" X 79 19/32"
 2. MAXIMUM D.L.O.: 26 1/4" X 66"

HARDWARE SCHEDULE	
A.	STAINLESS STEEL ADJUSTABLE ROLLER AT BOTTOM RAIL
B.	STAINLESS STEEL DOWNSIDE BRACKET AT FIXED PANEL
C.	STAINLESS STEEL LOCK KEEPER AT FRAME JAMB
D.	STAINLESS STEEL SINGLE LOCK SYSTEM AT ACTIVE PANEL
E.	DIE CASTING STEEL HANDLE AT ACTIVE PANEL

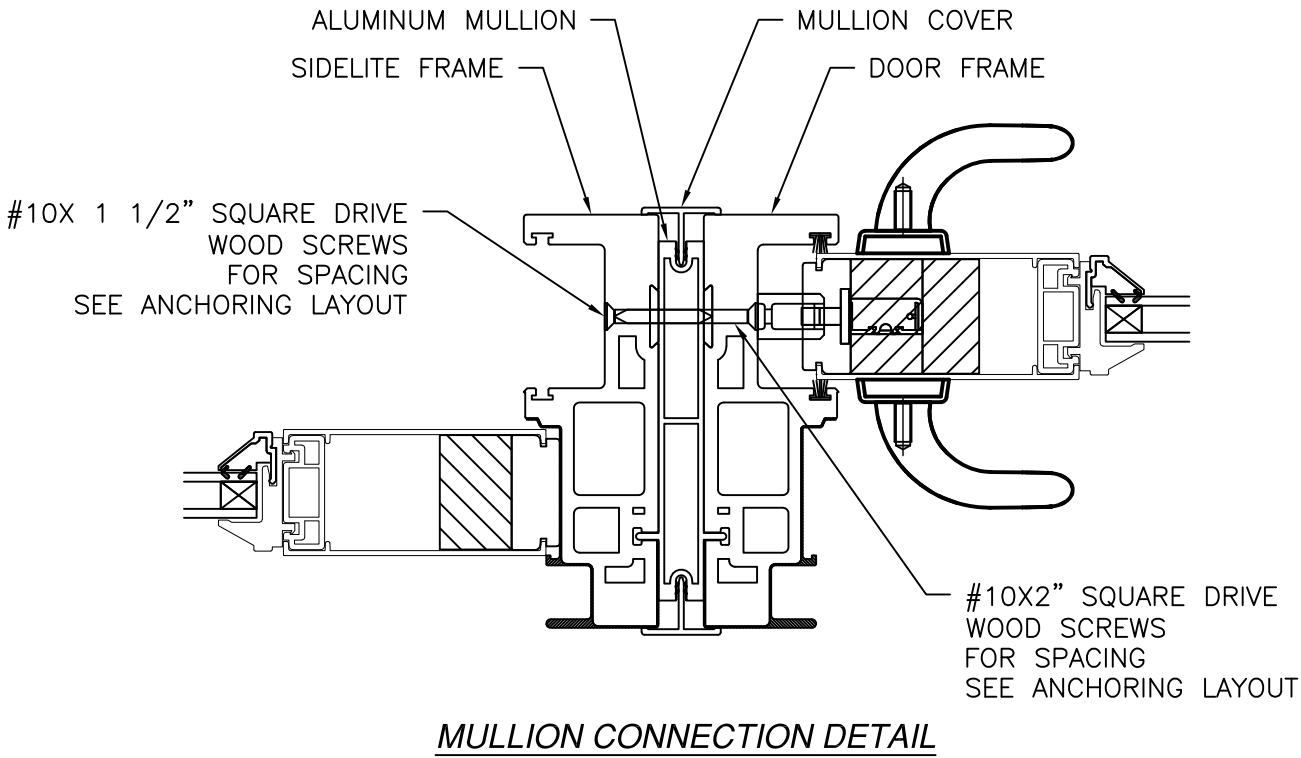
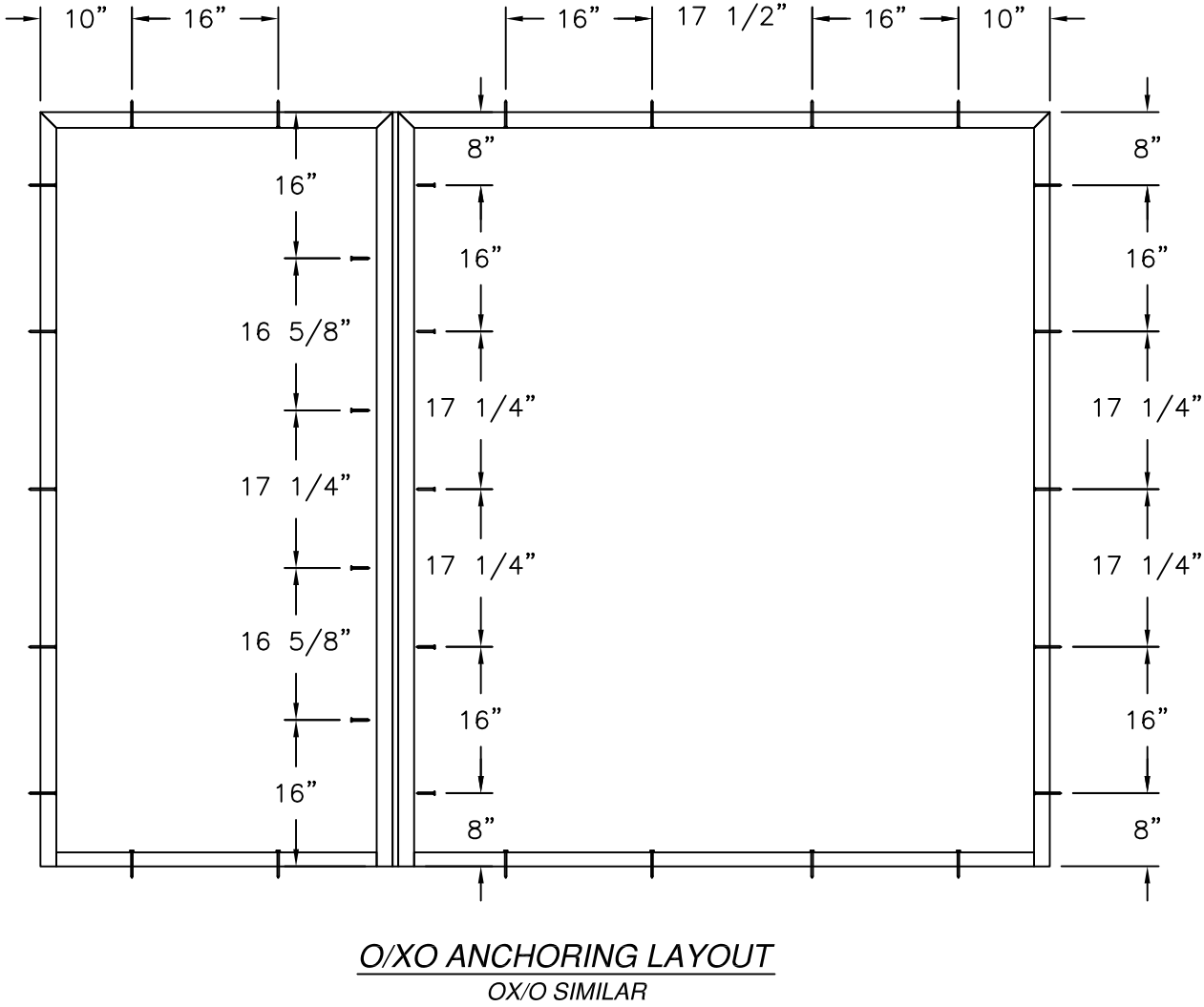
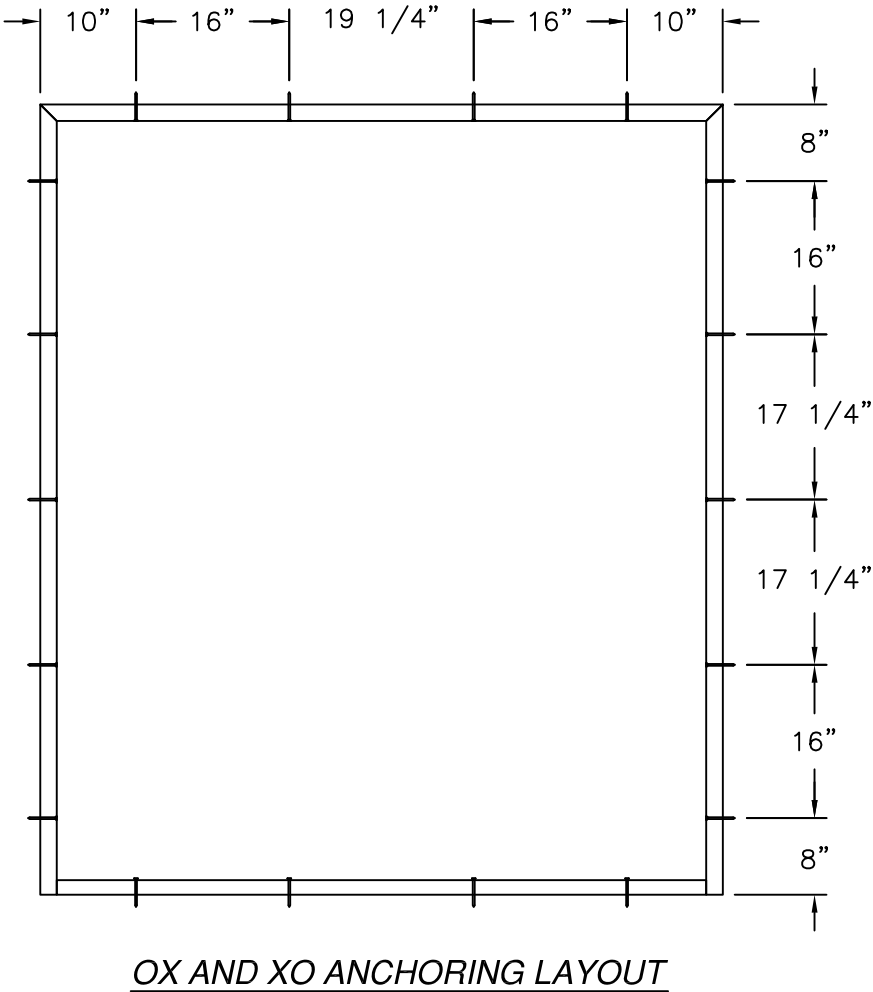
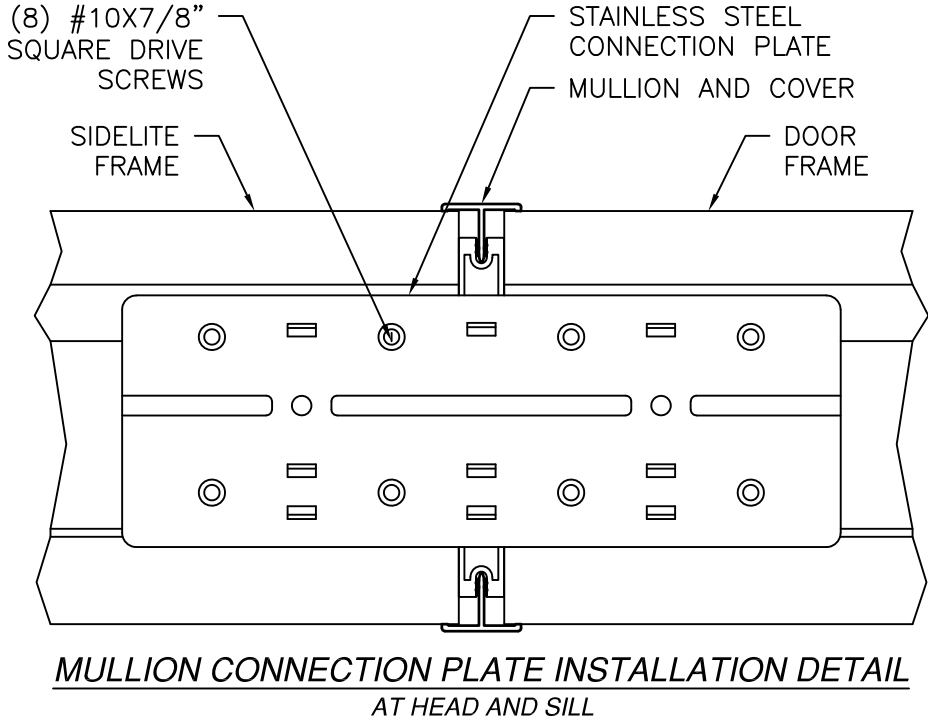
NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SERIES GLIDING 3 PANEL PATIO DOOR SLIDING DOOR W/FIELD MULLION NON-IMPACT ELEVATIONS		
DRAWN: R.L.	DWG NO. 08-02362	REV C
SCALE NTS	DATE 07/07/2014	SHEET 2 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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HOUSTON, TX 77029

SERIES GLIDING 3 PANEL PATIO DOOR

SLIDING DOOR W/FIELD MULLION NON-IMPACT

ANCHORING LAYOUTS

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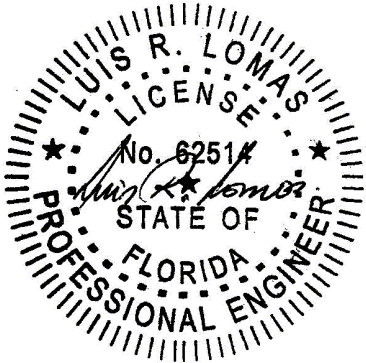
SHEET 3 OF 10

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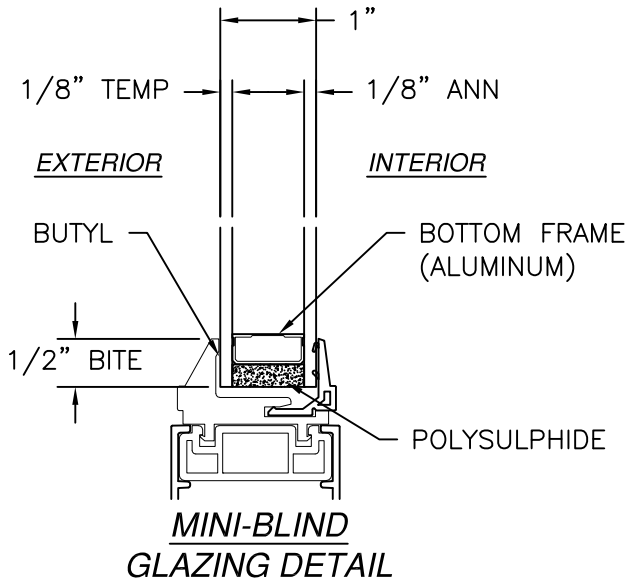
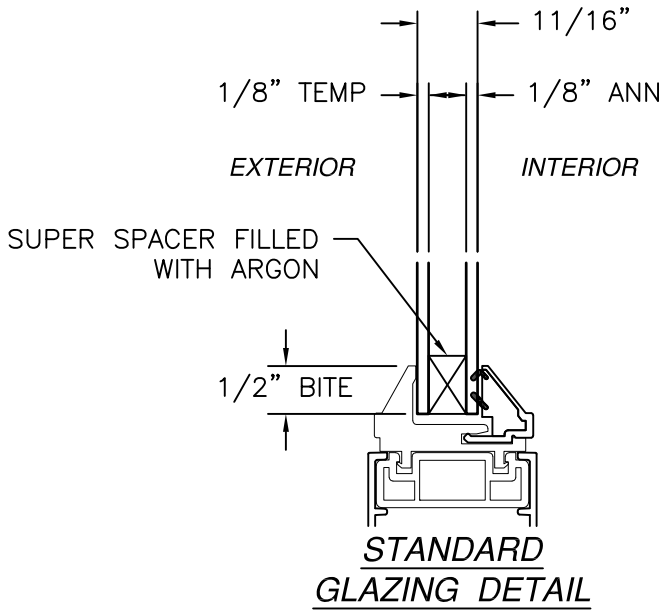
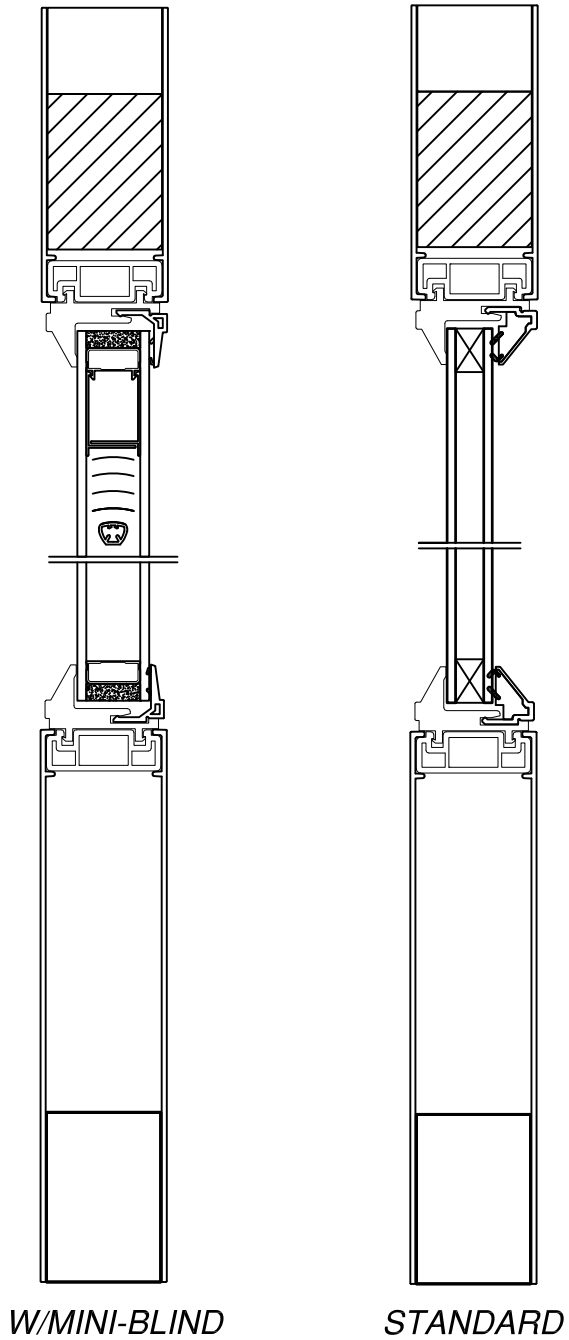
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APPROVED PANEL CONFIGURATIONS



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HOUSTON, TX 77029

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SLIDING DOOR W/FIELD MULLION NON-IMPACT

GLAZING DETAILS

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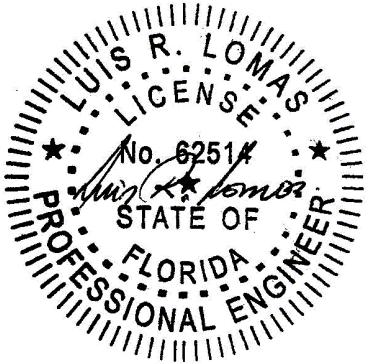
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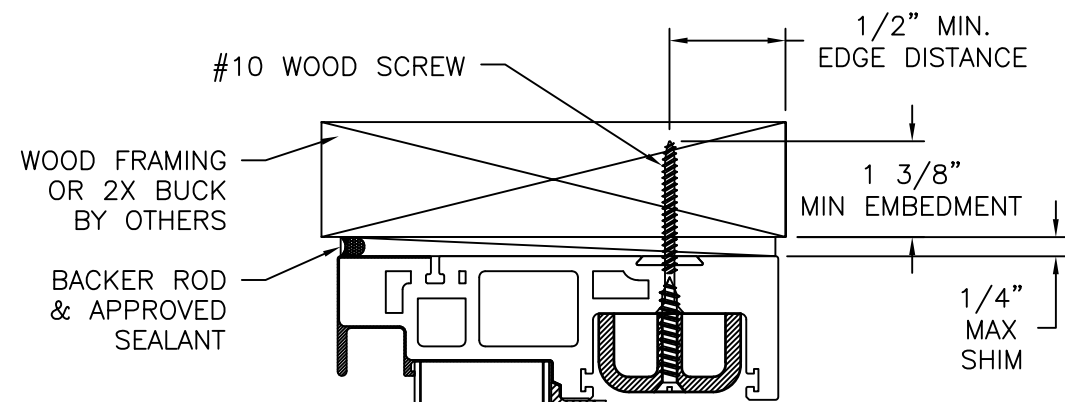
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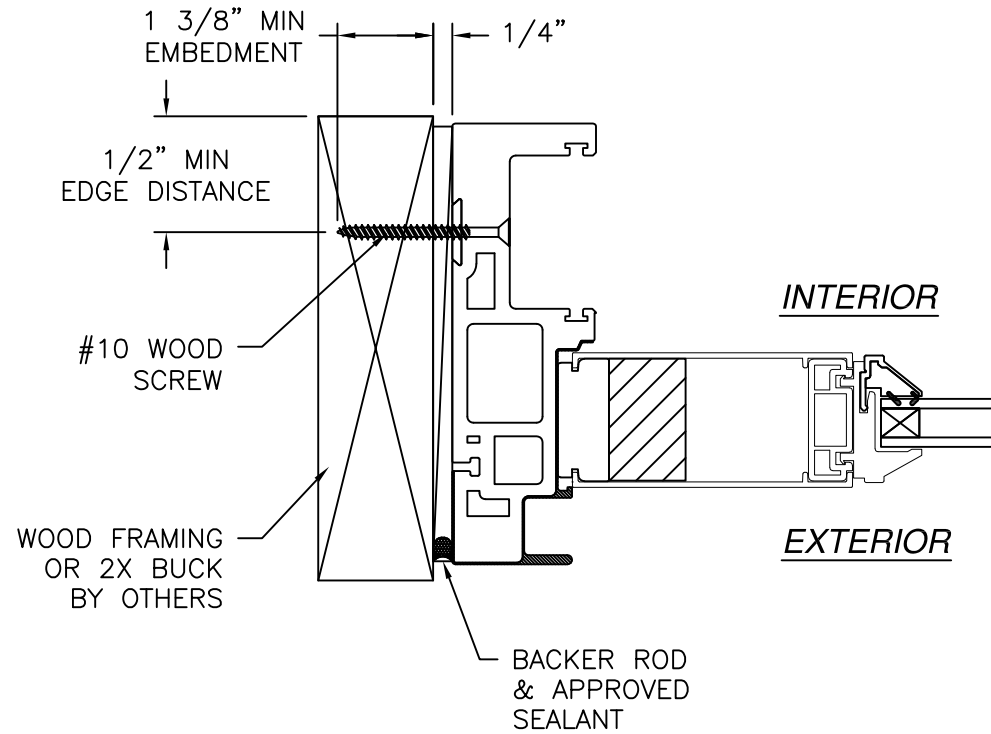


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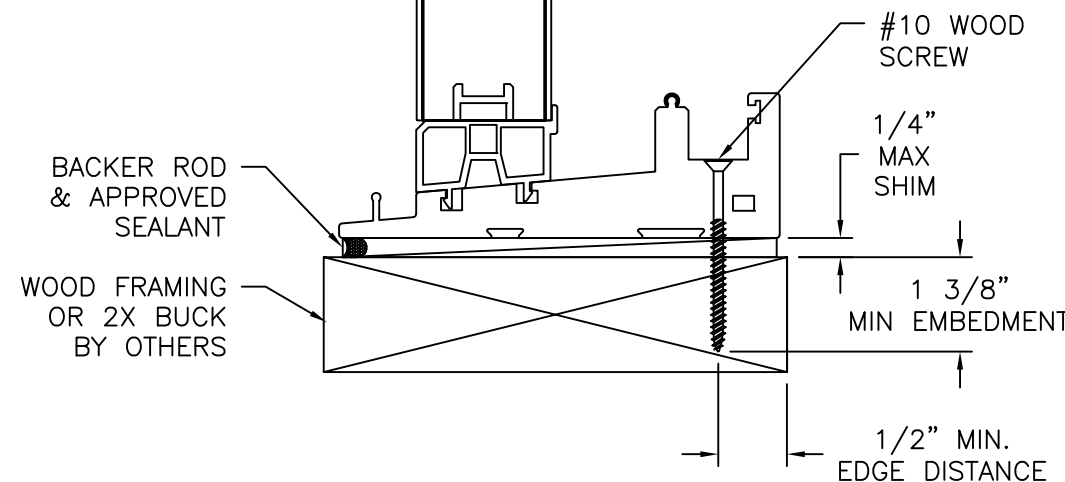
EXTERIOR

INTERIOR



SIDELITE 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

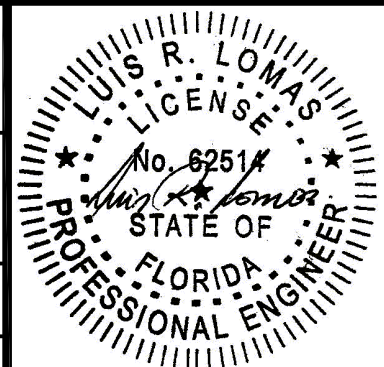


SIDELITE VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

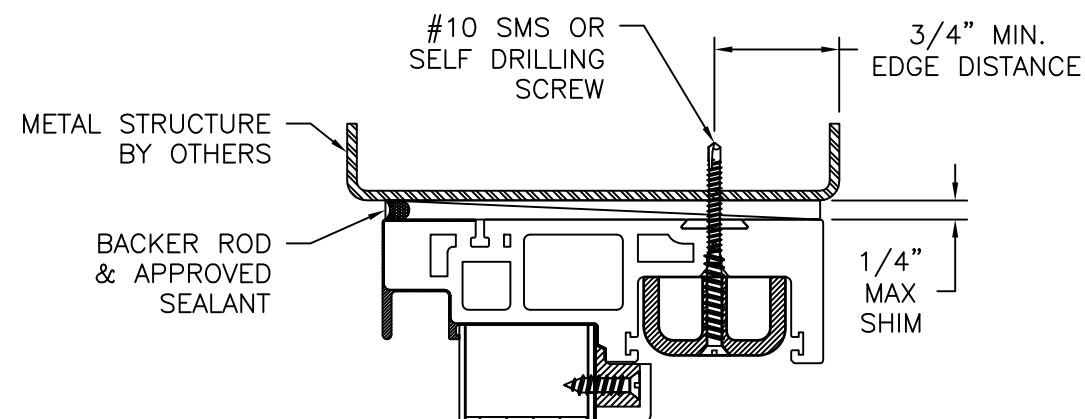
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SCALE NTS	DATE 07/07/2014	SHEET 5 OF 10
L. ROBERTO LOMAS P.E. 208 7th Ave, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

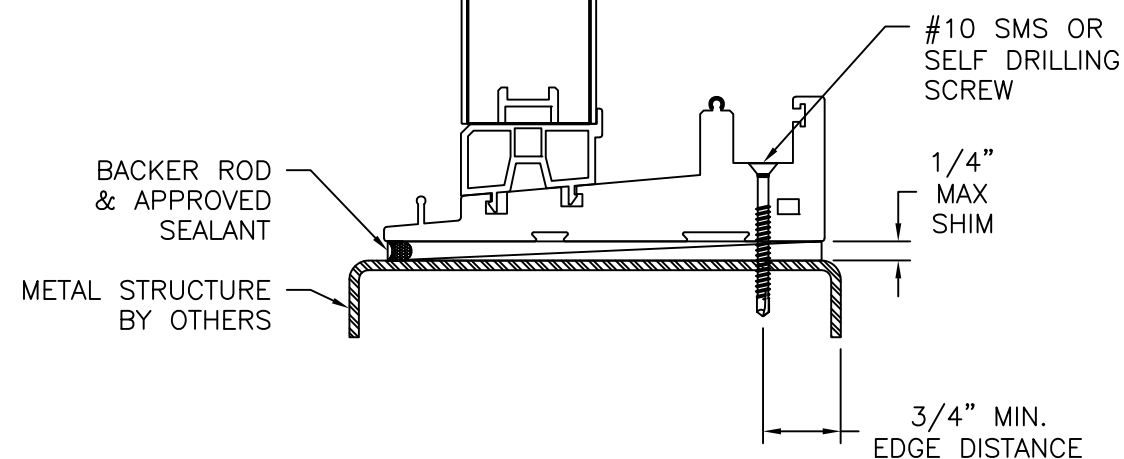


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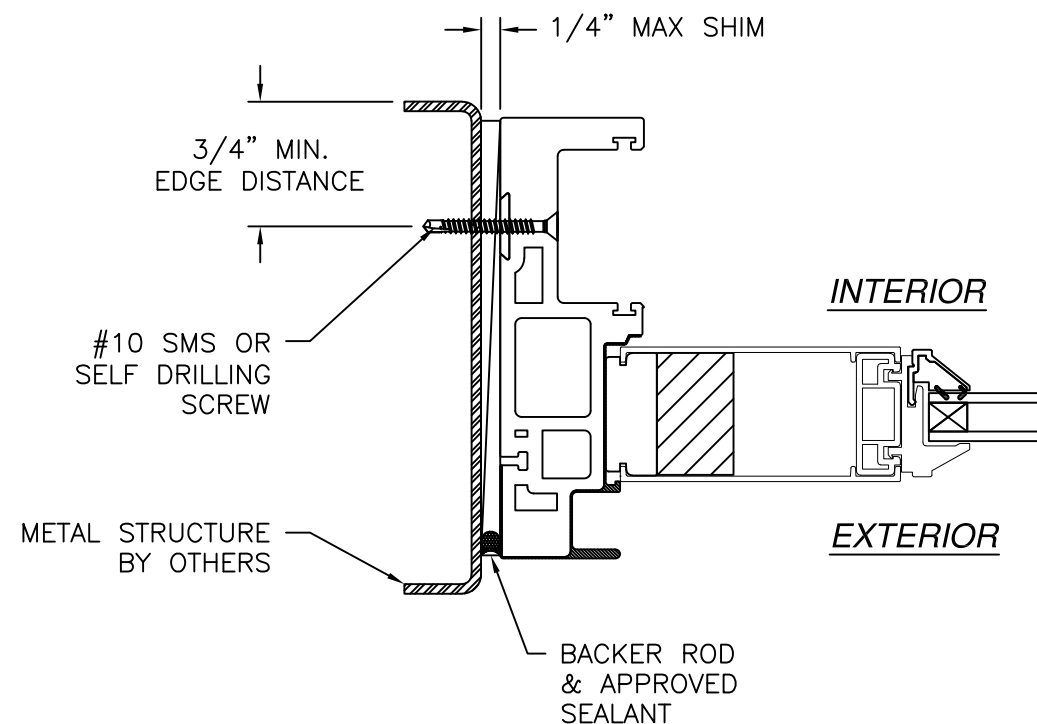


EXTERIOR

INTERIOR



SIDELITE VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



INTERIOR

EXTERIOR

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METAL STRUCTURE INSTALLATION

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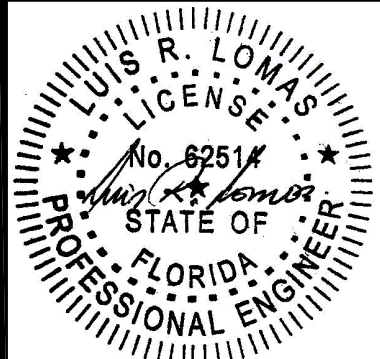
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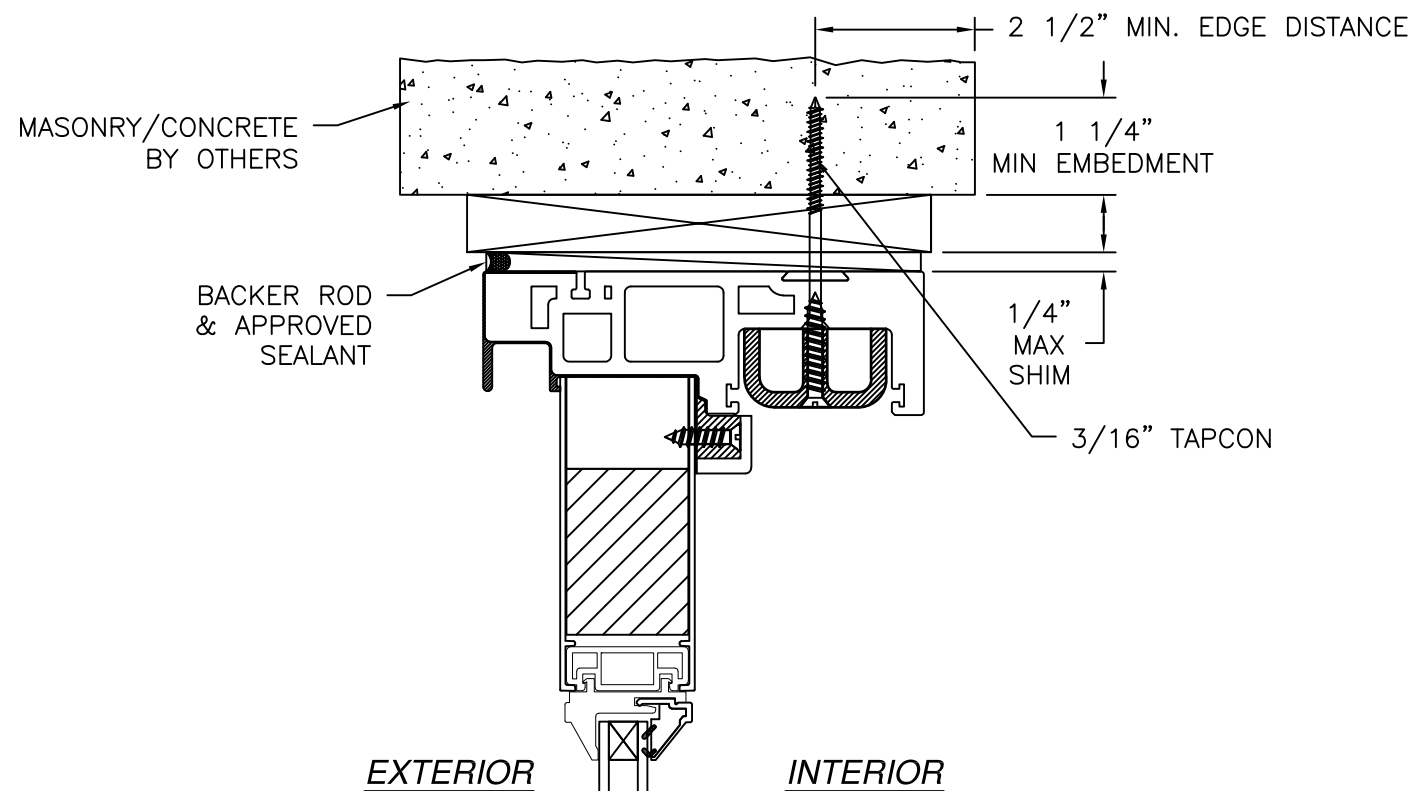
SCALE NTS DATE 07/07/2014 SHEET 6 OF 10

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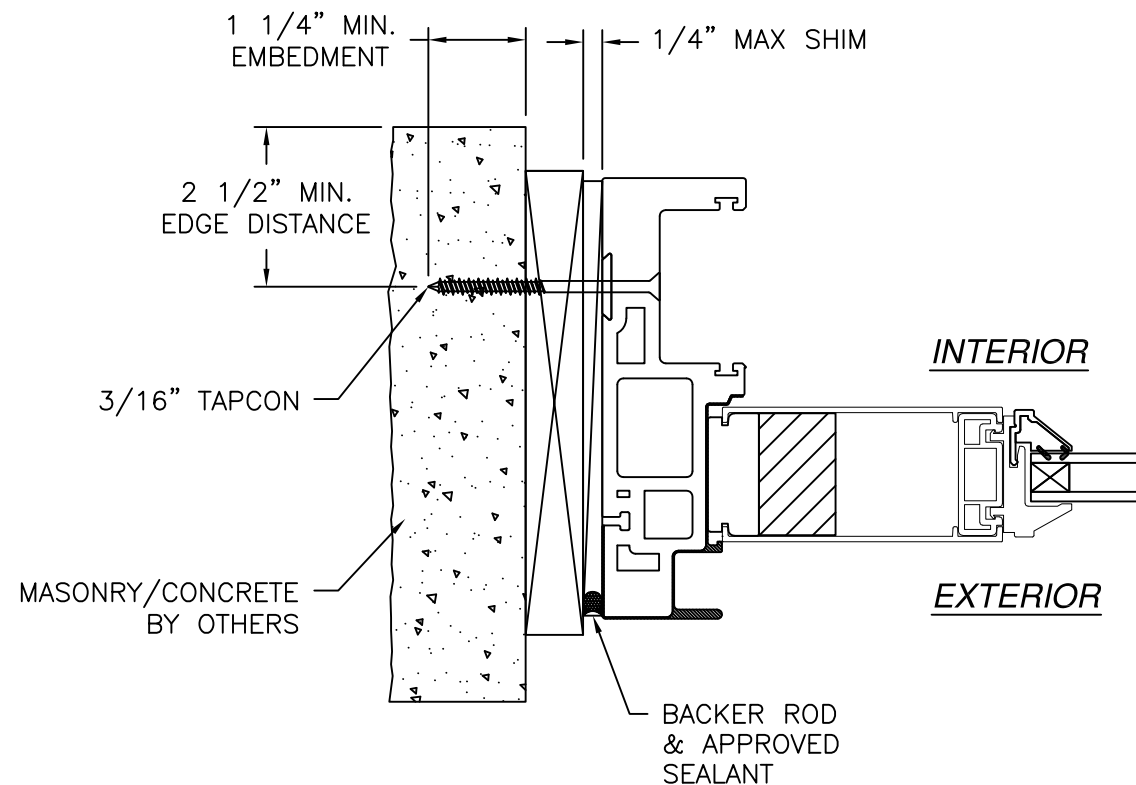


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SIDELITE VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

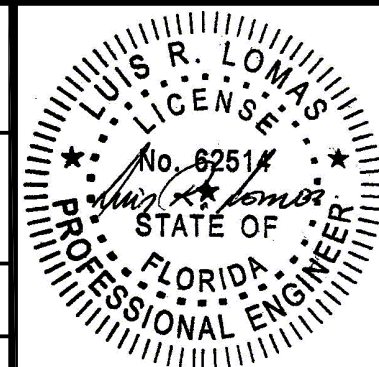


SIDELITE JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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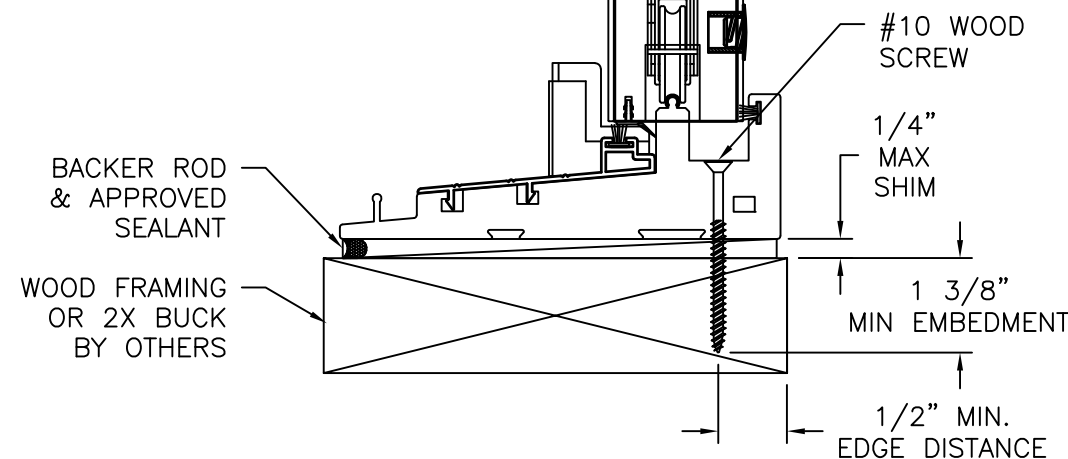
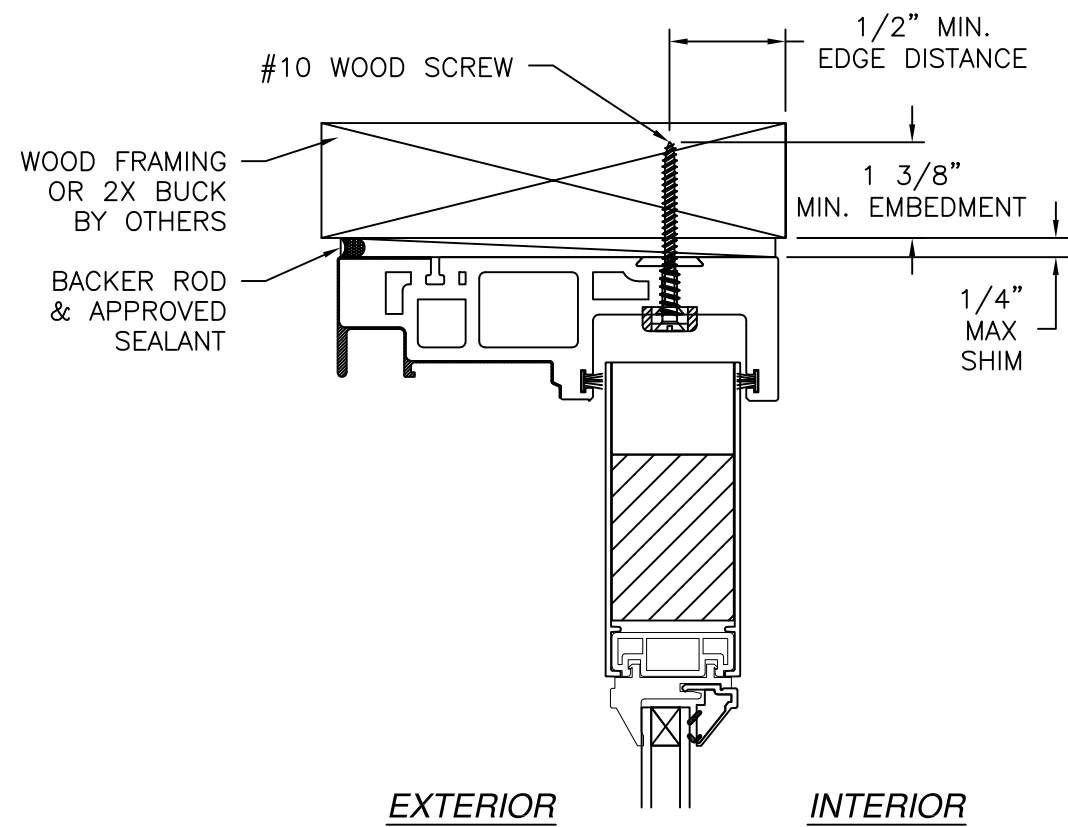
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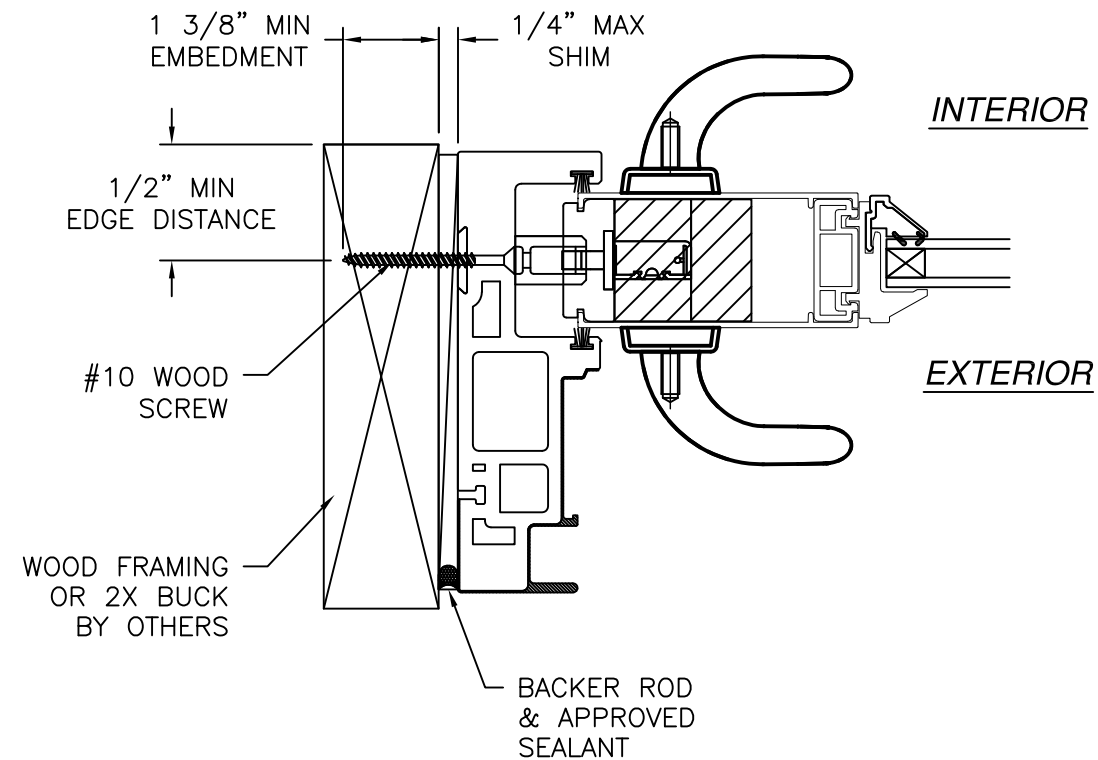


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DOOR VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



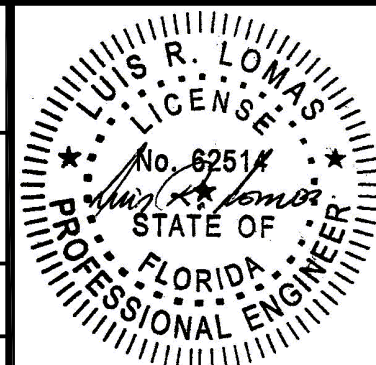
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WOOD FRAMING OR 2X BUCK INSTALLATION

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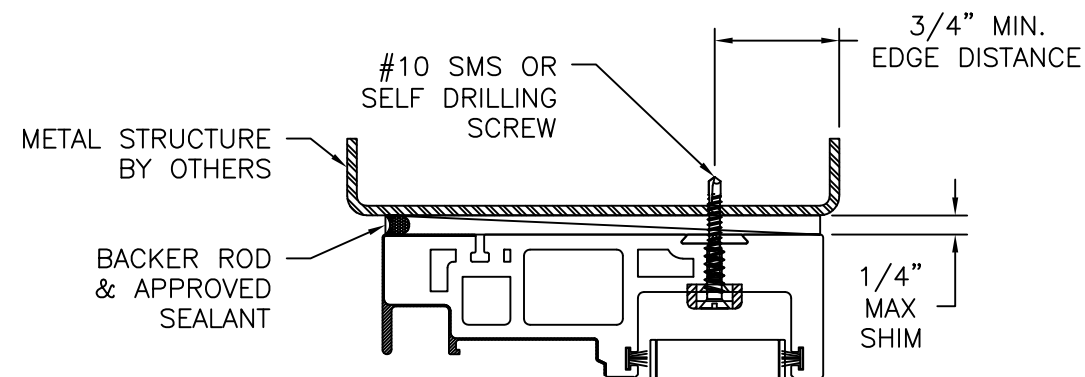
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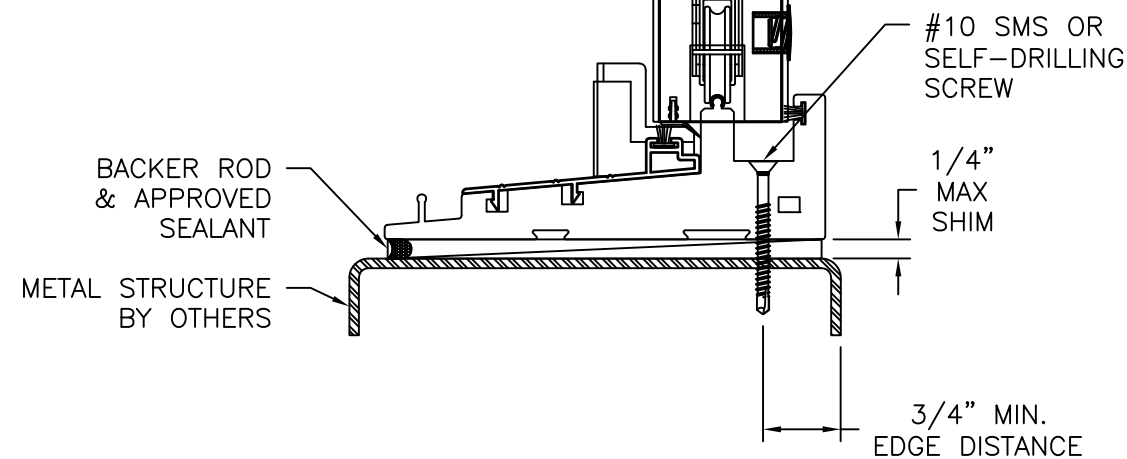


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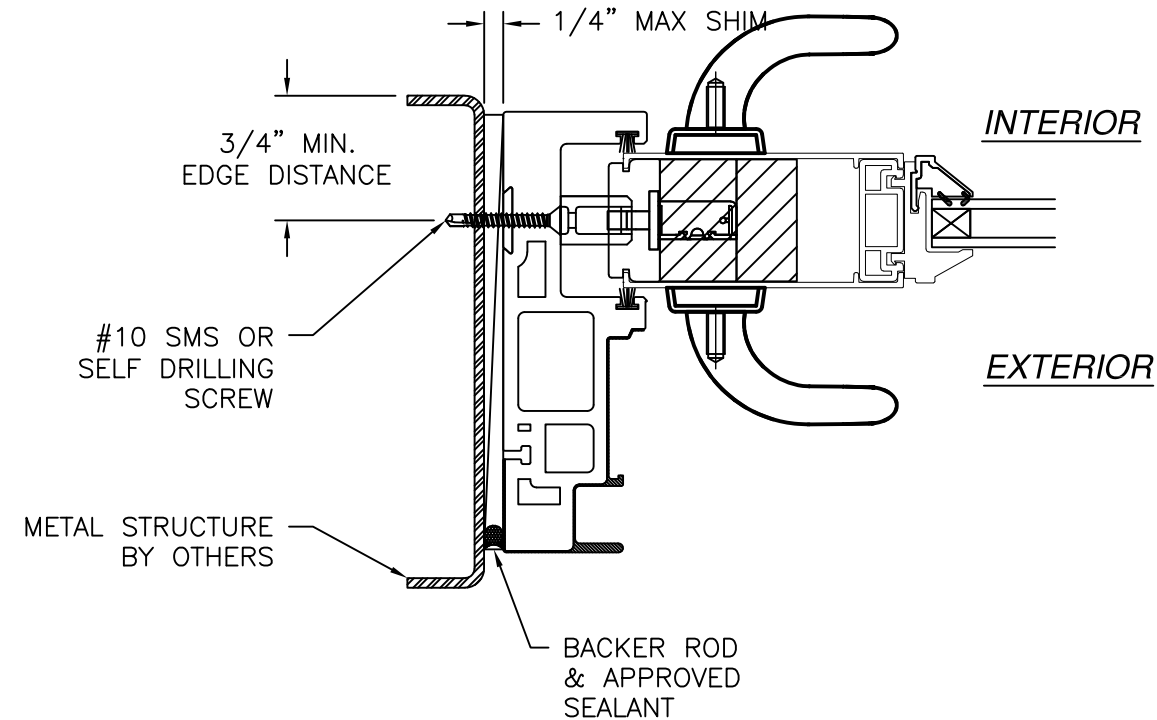


EXTERIOR

INTERIOR



DOOR VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



INTERIOR

EXTERIOR

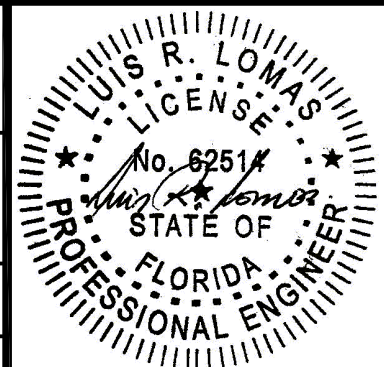
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METAL STRUCTURE INSTALLATION

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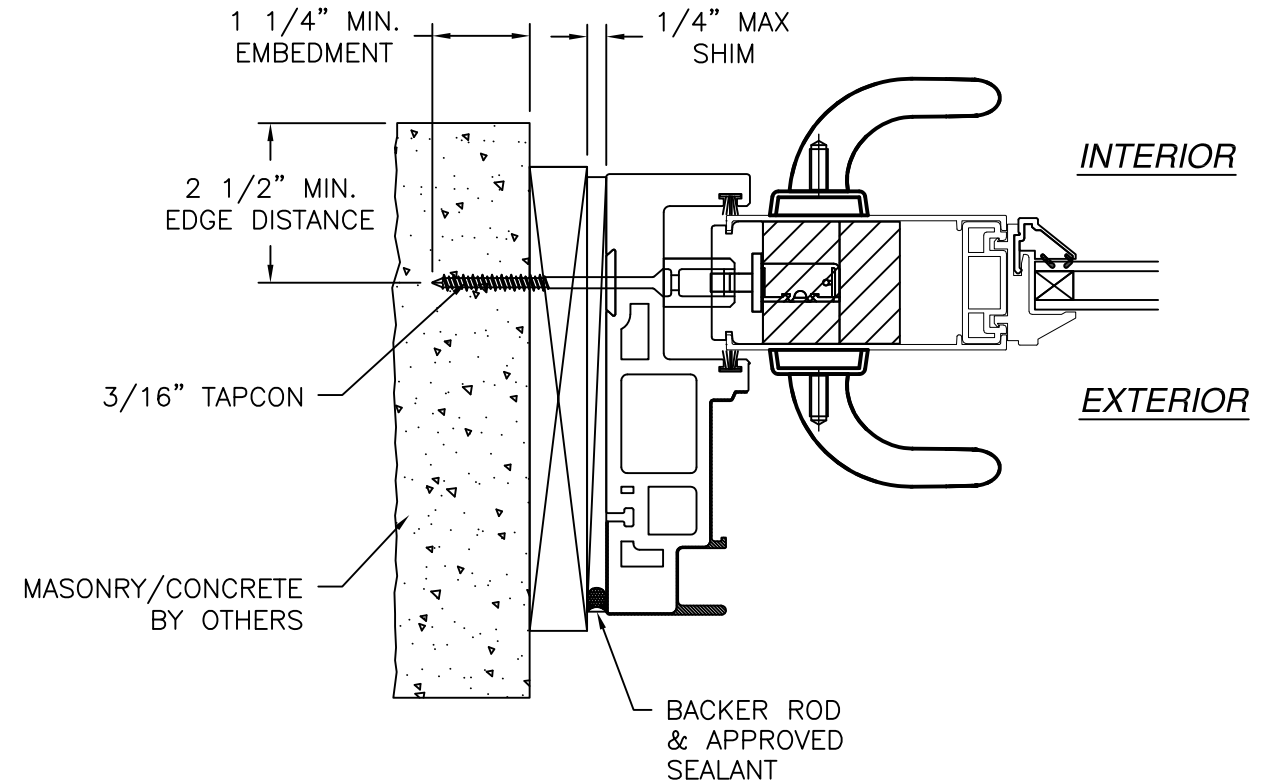
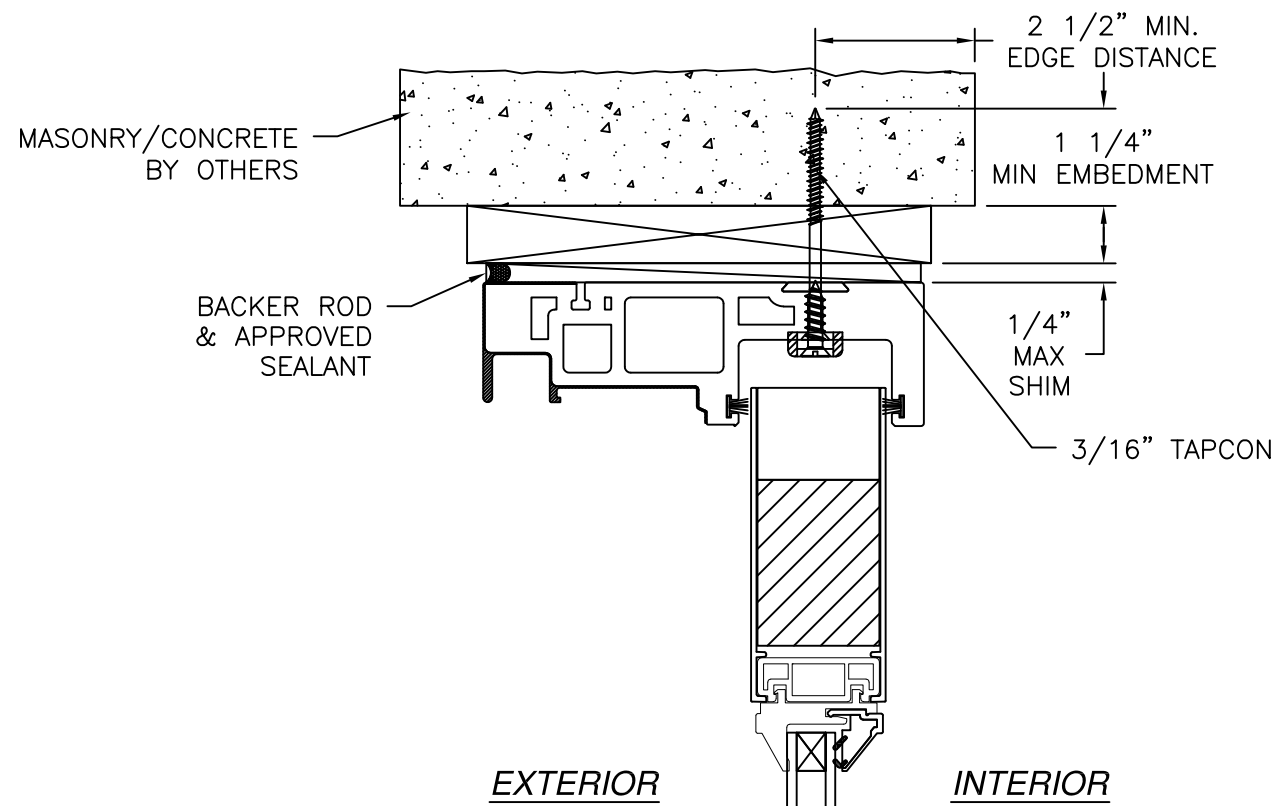
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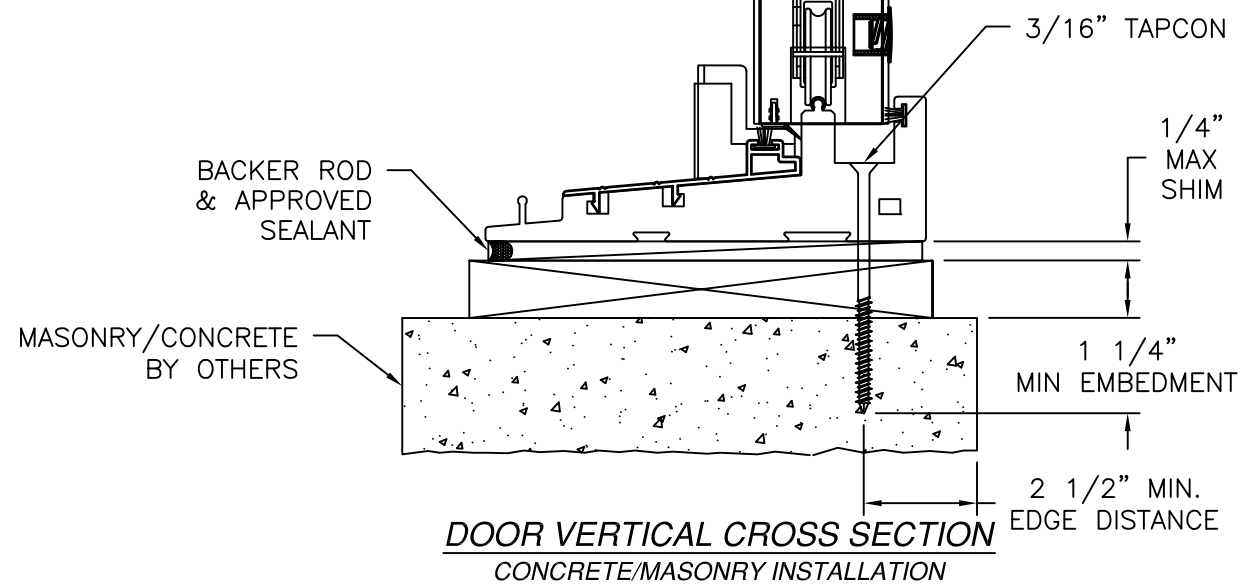
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DOOR JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION



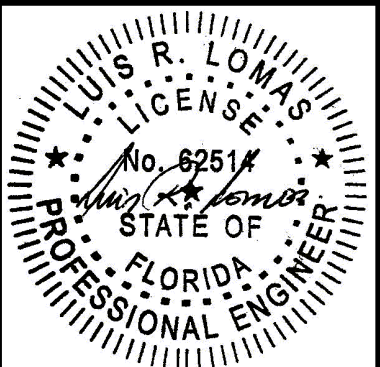
DOOR VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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