

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED HARDWARE	09/27/16	R.L.
B	UPDATED PER NEW CODES	09/30/2021	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2018 IBC AND 2018 IRC.
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 $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: CO-EXTRUDED PVC FOAM.
12. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLASS.
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 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 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 2,000 PSI.
 - C. MASONRY - GROUT FILLED BLOCK PER ASTM C90 WITH $F_m=2,000$ PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
19. APPROVED CONFIGURATIONS: X, X/O, O/X, OX, XO, OX/O, XO/O, XX, XX/O, O/XX, OXX, XXO, OXX/O AND O/XXO, SEE SHEET 3.
20. SIDELITES ARE ASSEMBLED TO FRAME WITH #10X2 1/2" WOOD SCREWS LOCATED 4" FROM EACH END AND 18 1/2" MAX O.C. THEREAFTER AT JAMBS AND 4" FROM EACH END AND ONE AT MIDSPAN AT HEAD AND SILL.

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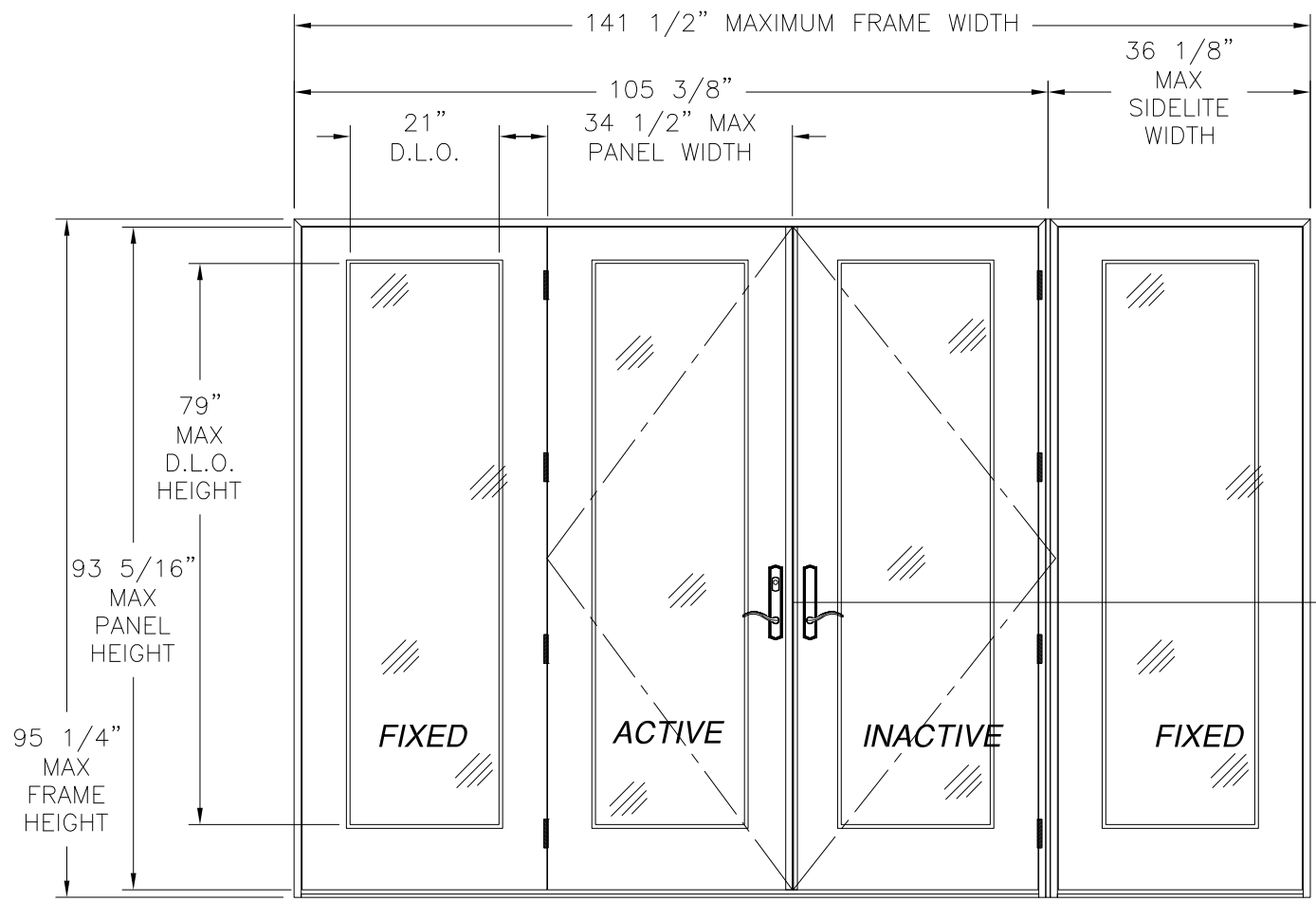
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2	ELEVATION AND COMPONENTS
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NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SERIES SLPS OUT-SWING GLAZED FIBERGLASS SIDE HINGED PATIO DOOR 8'0 NON-IMPACT NOTES		
DRAWN: L.B.	DWG NO. 08-02817	REV B
SCALE NTS	DATE 09/17/15	SHEET 1 OF 12
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



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TX No.: 101889

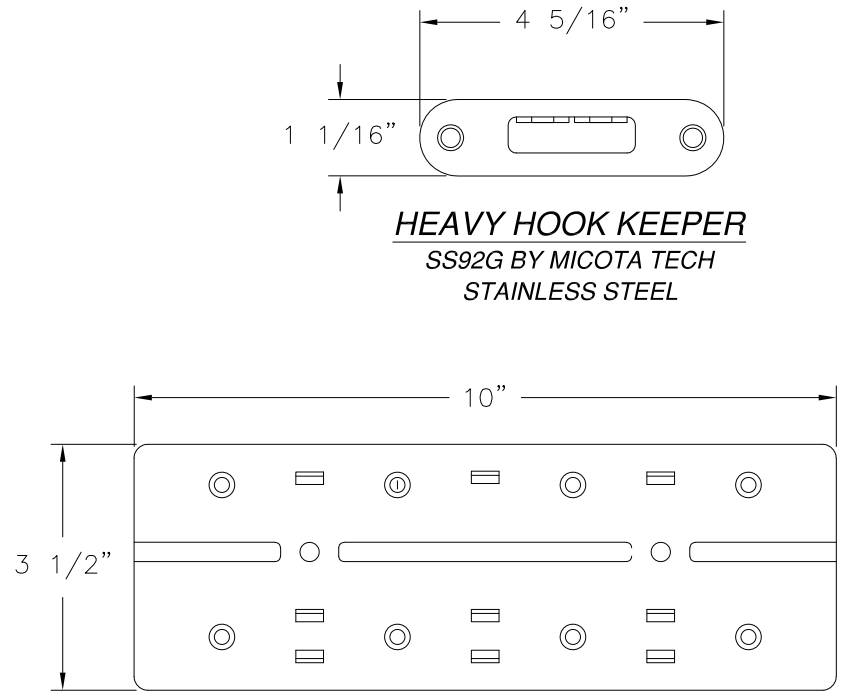
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SERIES SLPS OUT-SWING GLAZED FIBERGLASS SIDE-HINGE PATIO DOOR W/ SIDELITE
EXTERIOR VIEW

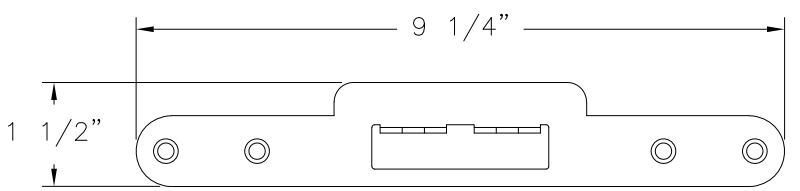
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

MULTI-POINT LOCKING SYSTEM
SS930 BY MICOTA TECH
STAINLESS STEEL

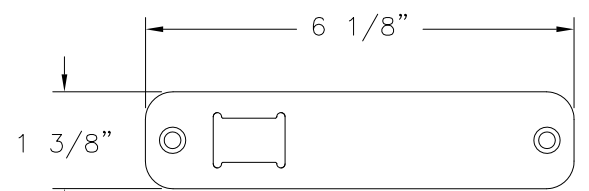


CONNECTION PLATE
STAINLESS STEEL

TOP/BOTTOM DRIVE BAR SYSTEM
SS9216 BY MICOTA TECH
STAINLESS STEEL



SLAB MULTI-POINT LOCK KEEPER
SS92M BY MICOTA TECH
STAINLESS STEEL



TOP/BOTTOM BAR KEEPER
SS92H BY MICOTA TECH
STAINLESS STEEL

HARDWARE SCHEDULE	
A	MULTI-POINT LOCK AT ACTIVE PANEL
B	(4) 4"x4" BUTT HINGES BY WENZHOU LONGTAI (PER PANEL)
C	ALUMINUM & PVC FOAM ASTRAGAL BY NAN YA PLASTICS

NAN YA PLASTICS CORP. USA
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES SLPS OUT-SWING GLAZED FIBERGLASS
SIDE HINGED PATIO DOOR 8'0 NON-IMPACT
ELEVATION AND COMPONENTS

DRAWN: L.B.	DWG NO. 08-02817	REV B
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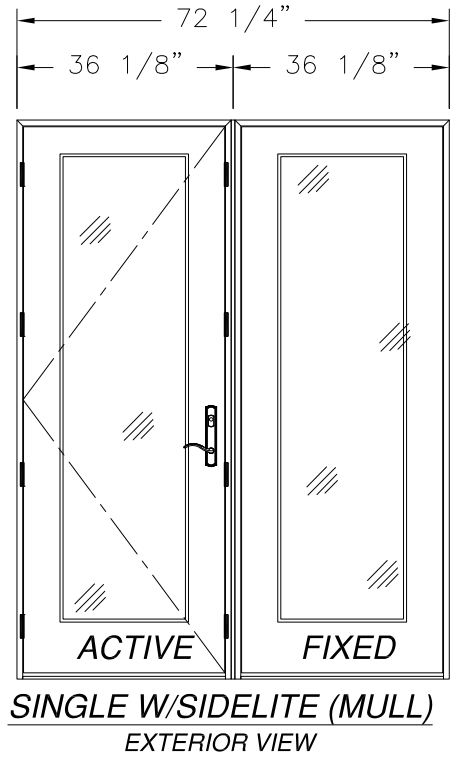
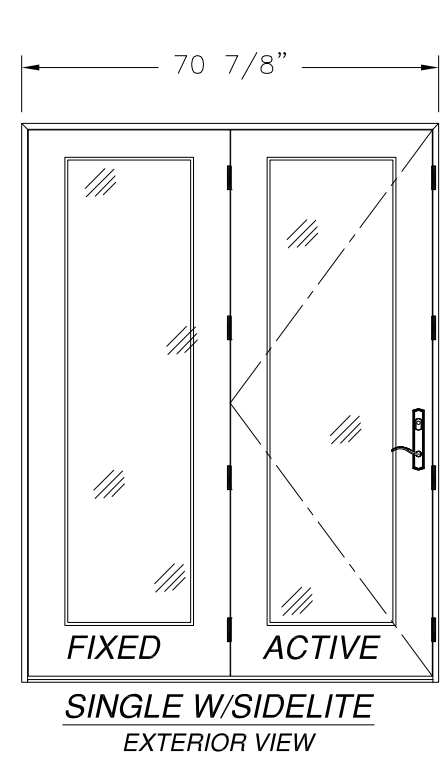
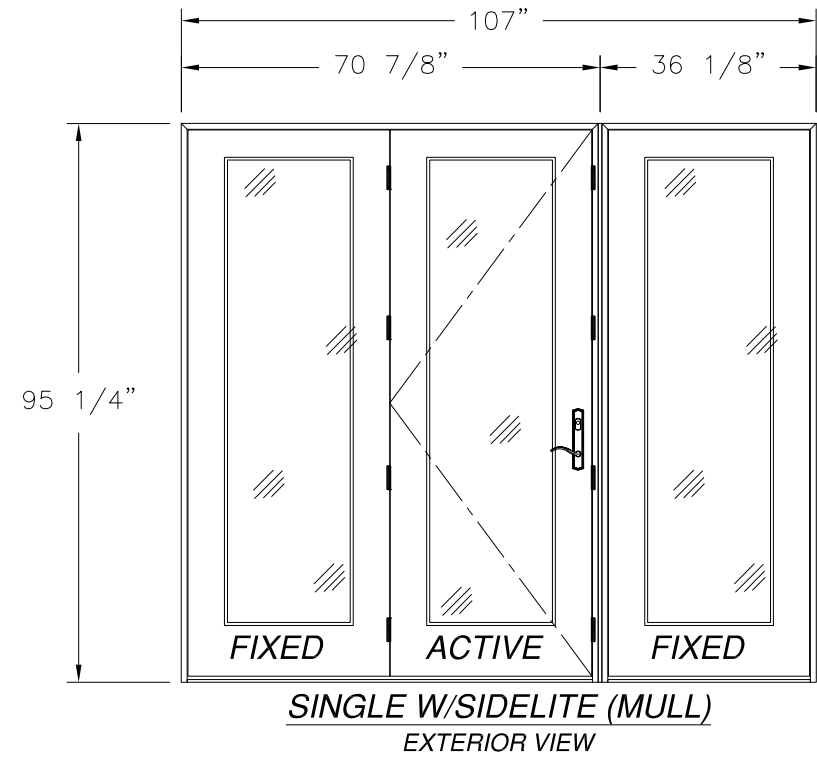
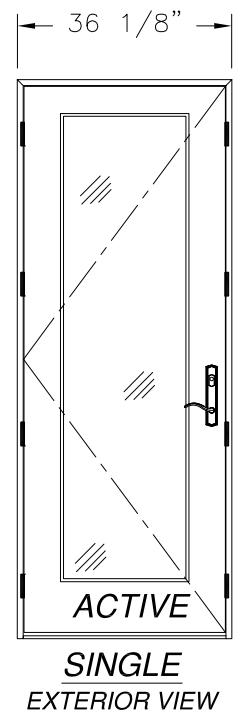
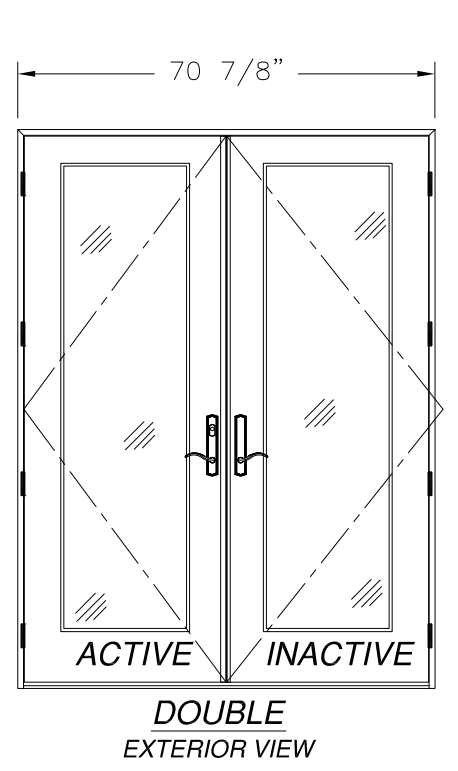
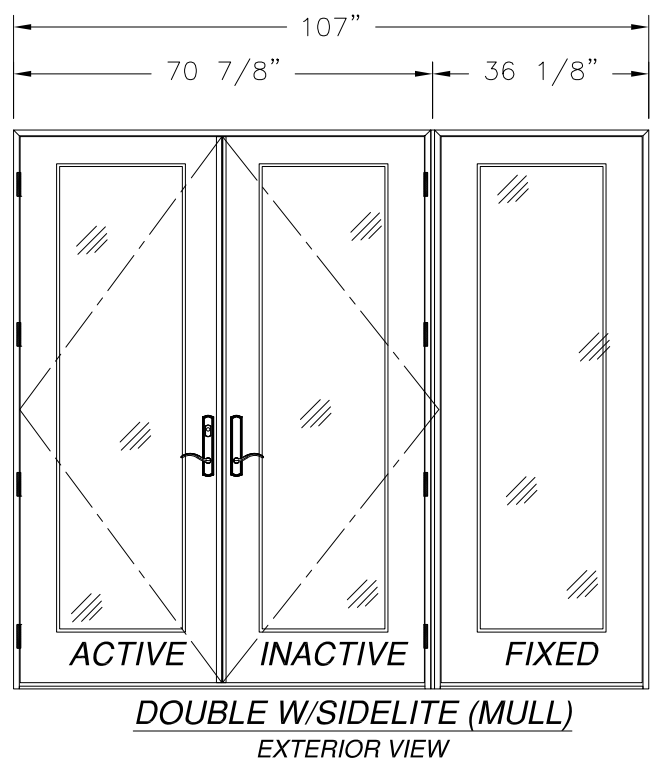
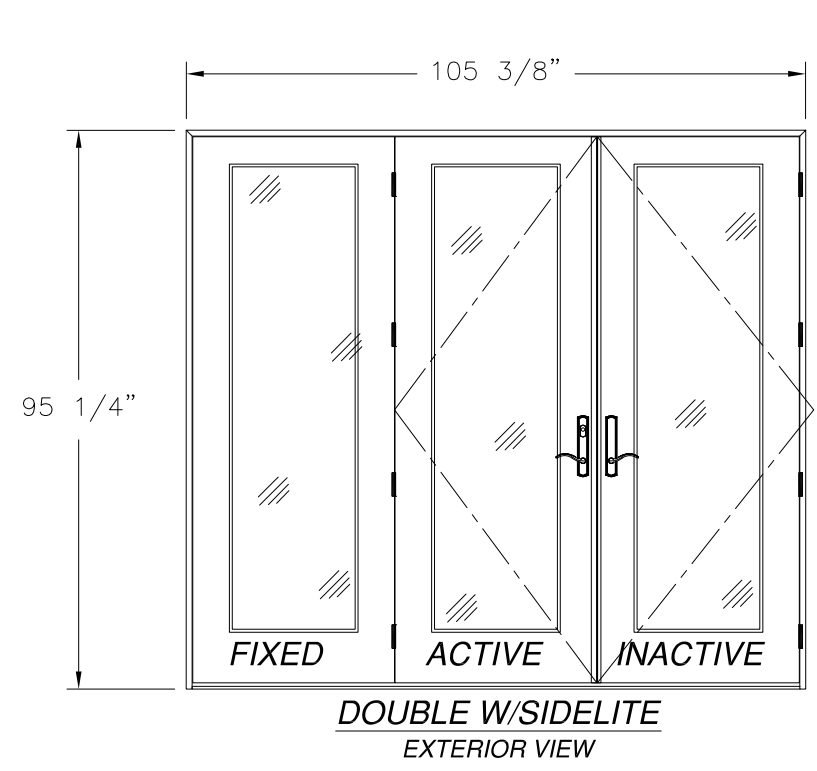
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NOTE:
ALL APPROVED CONFIGURATIONS ARE SHOWN AS LEFT
HAND ACTIVE, RIGHT HAND ACTIVE IS ALSO APPROVED.

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8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES SLPS OUT-SWING GLAZED FIBERGLASS
SIDE HINGED PATIO DOOR 8'0 NON-IMPACT
APPROVED CONFIGURATIONS

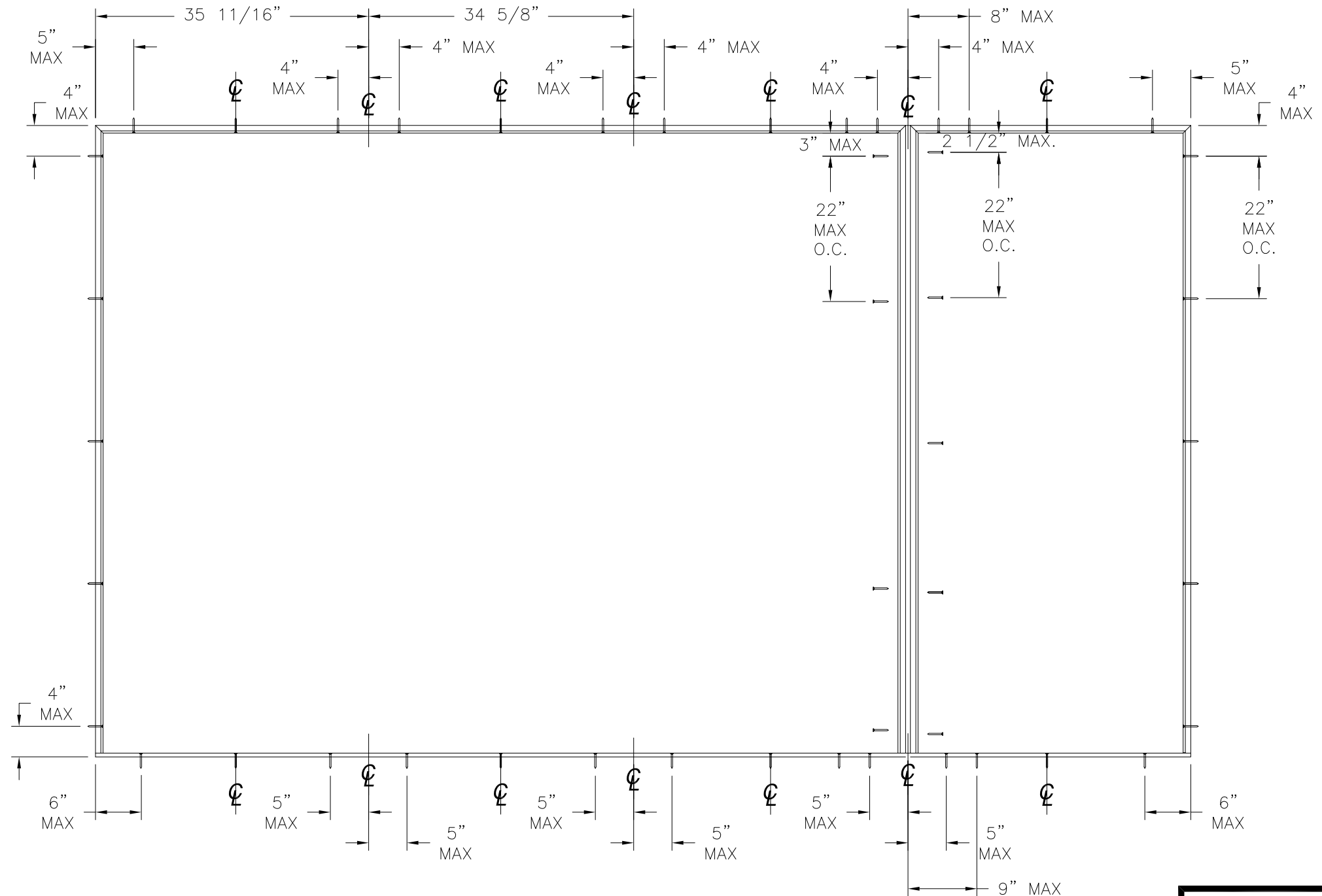
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ANCHORING LAYOUT

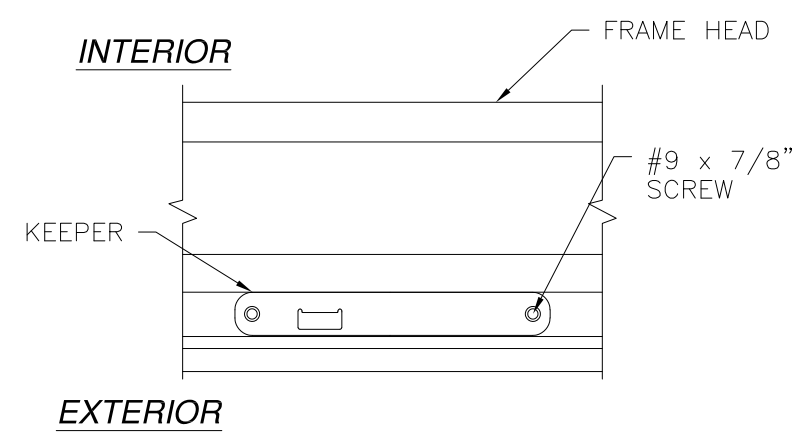
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<p>SERIES SLPS OUT-SWING GLAZED FIBERGLASS SIDE HINGED PATIO DOOR 8'0 NON-IMPACT ANCHOR LAYOUT</p>		
<p>DRAWN: L.B.</p>	<p>DWG NO. 08-02817</p>	<p>REV B</p>
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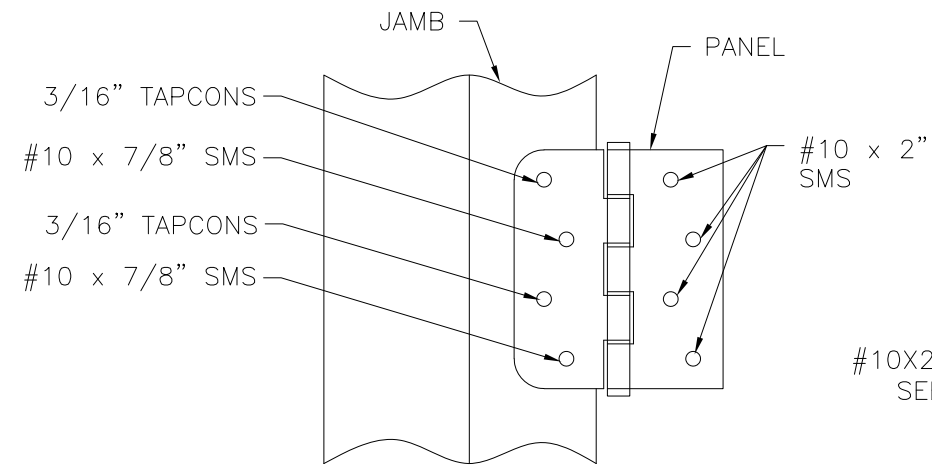


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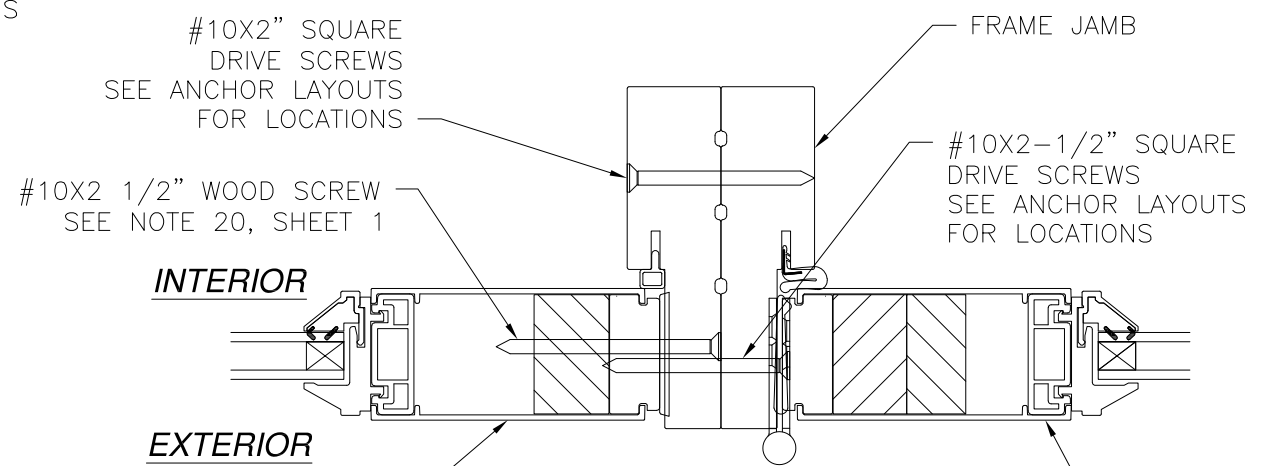
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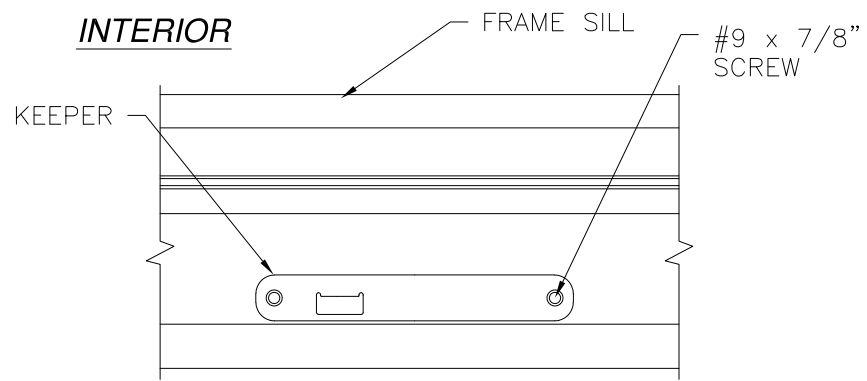
HEAD KEEPER DETAIL



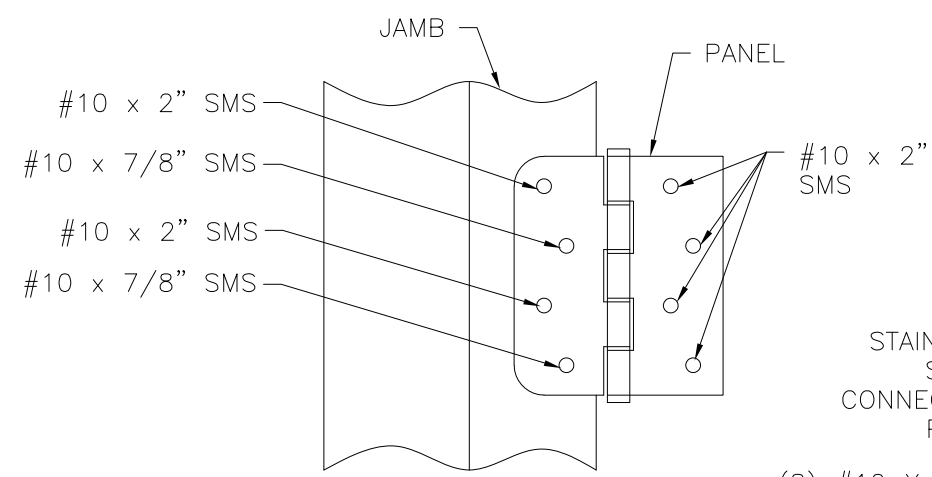
**HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION**



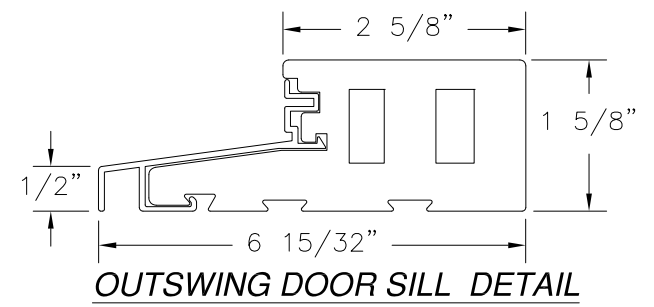
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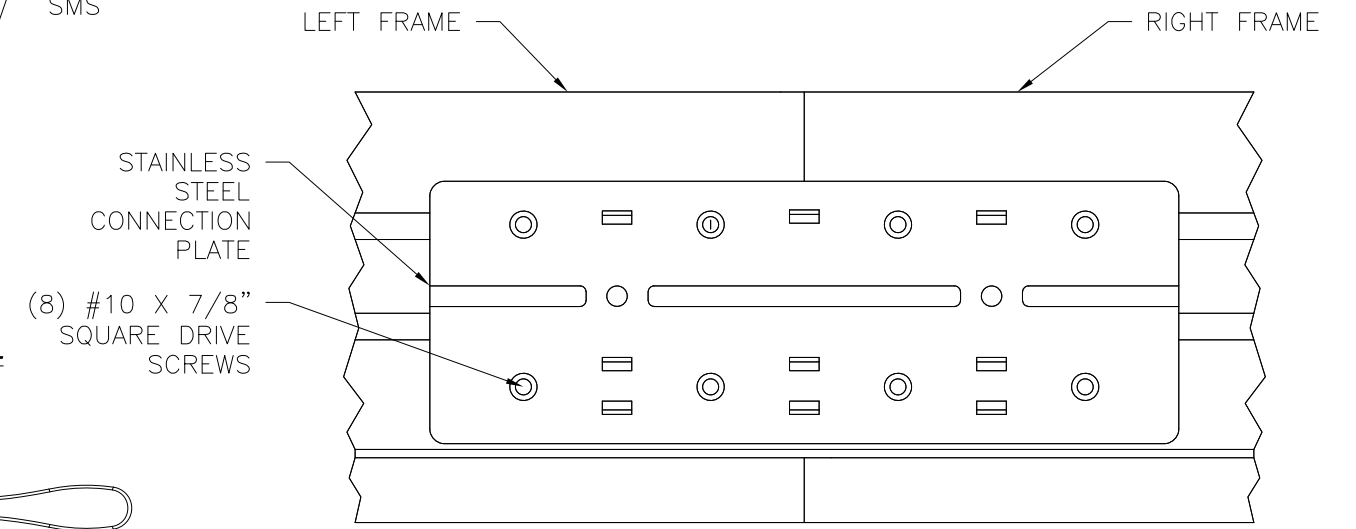
SILL KEEPER DETAIL



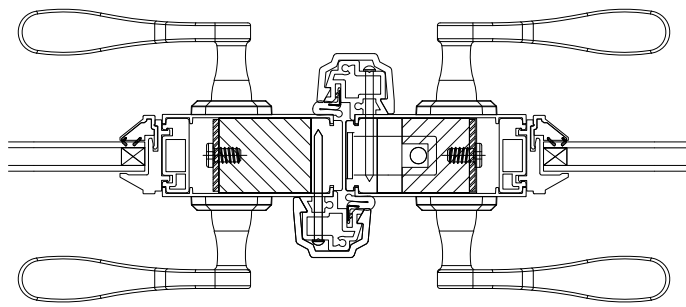
HINGE INSTALLATION DETAIL



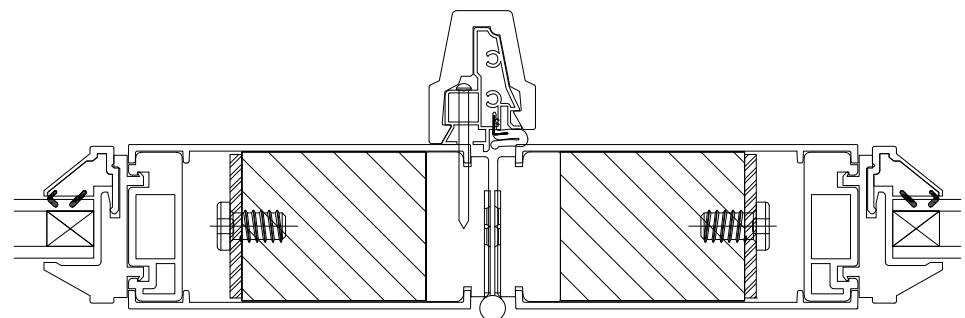
OUTSWING DOOR SILL DETAIL



FRAME CONNECTION DETAIL



LOCKING SYSTEM DETAIL



HINGE DETAIL

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 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

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 SIDE HINGED PATIO DOOR 8'0 NON-IMPACT
 6INSTALLATION DETAILS

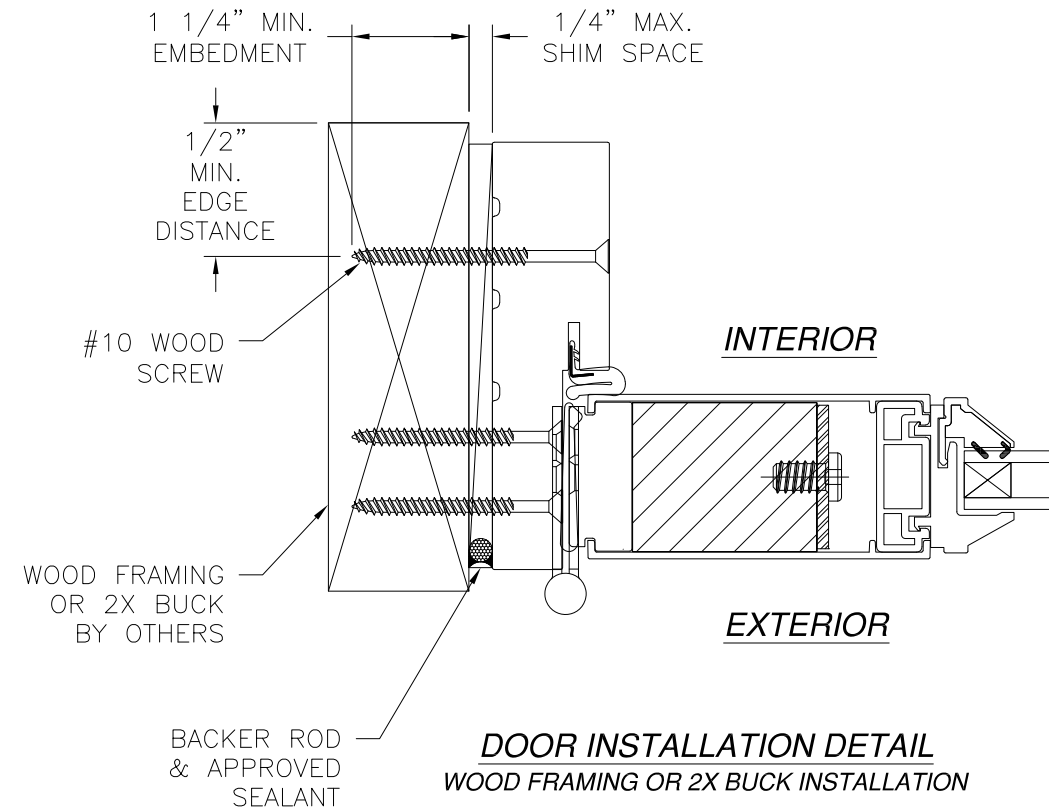
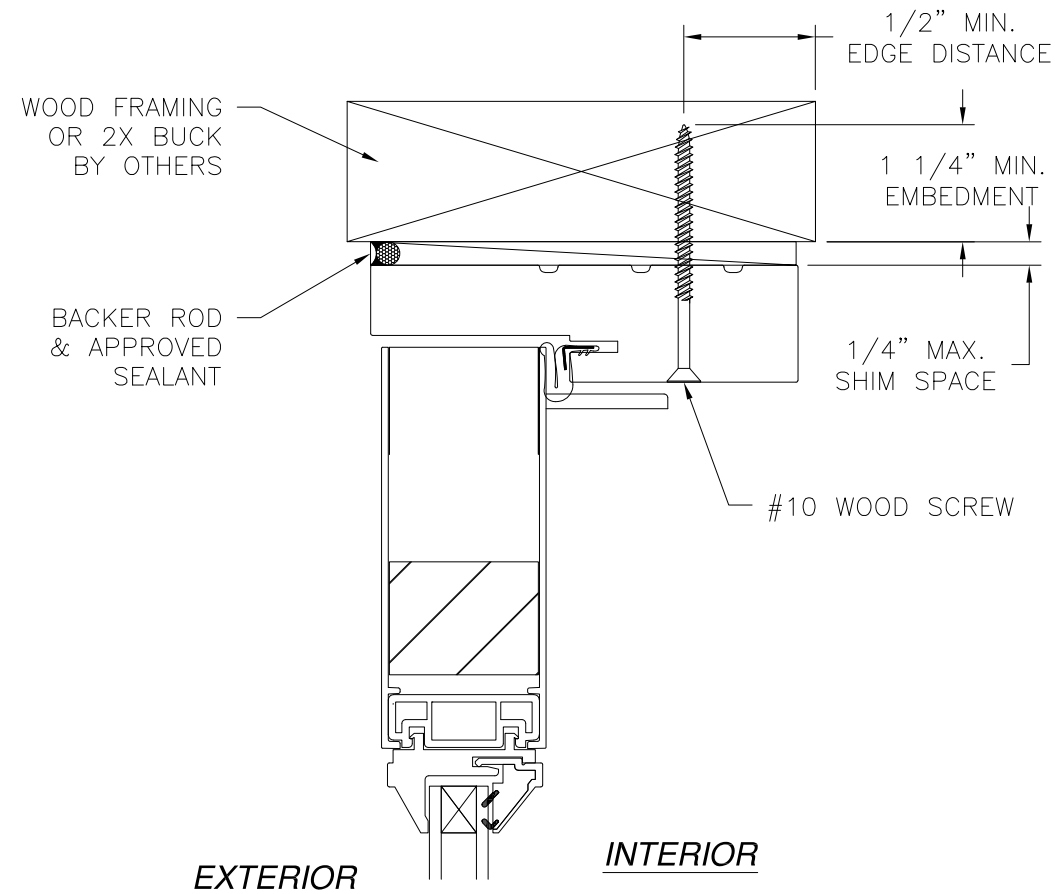
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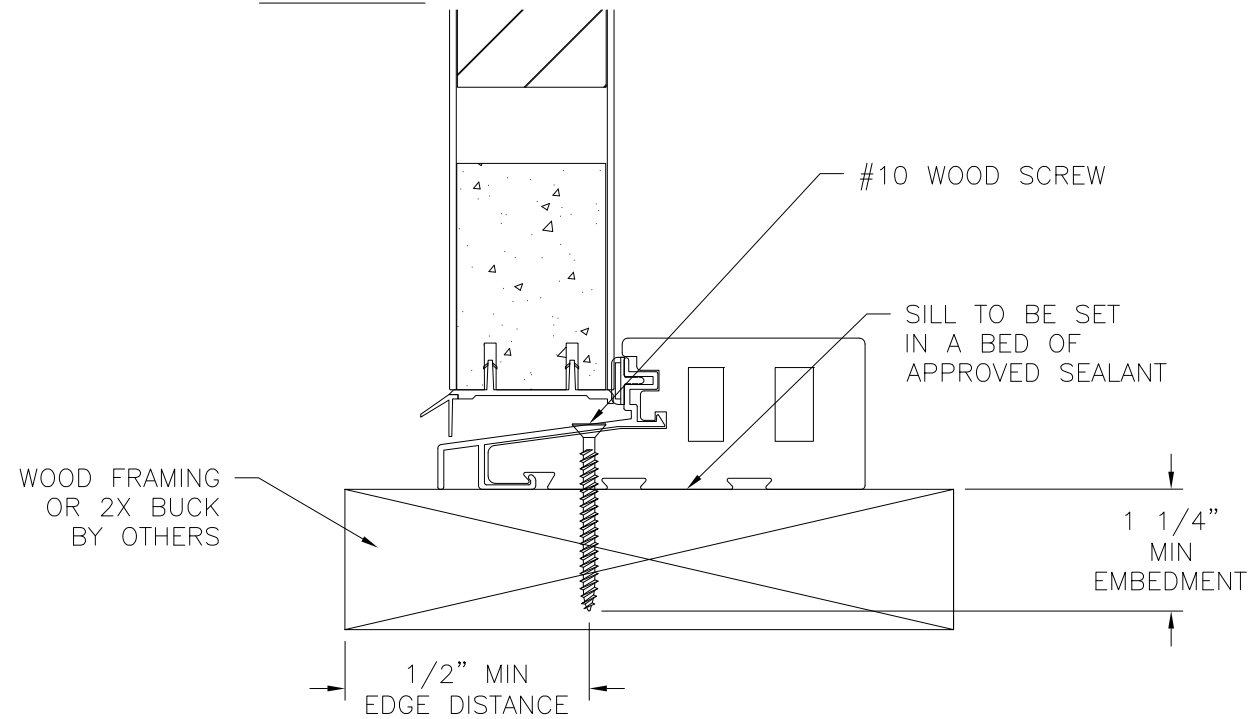


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DOOR INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING

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

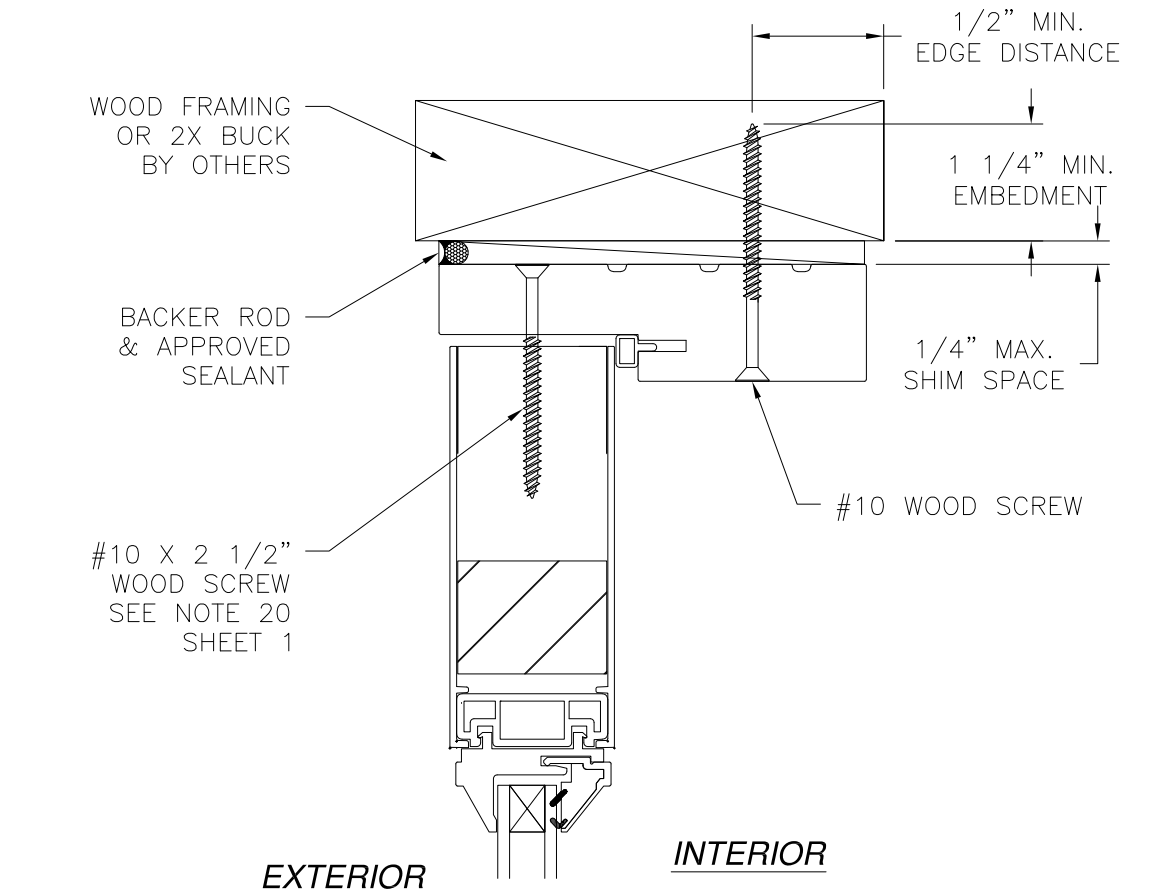
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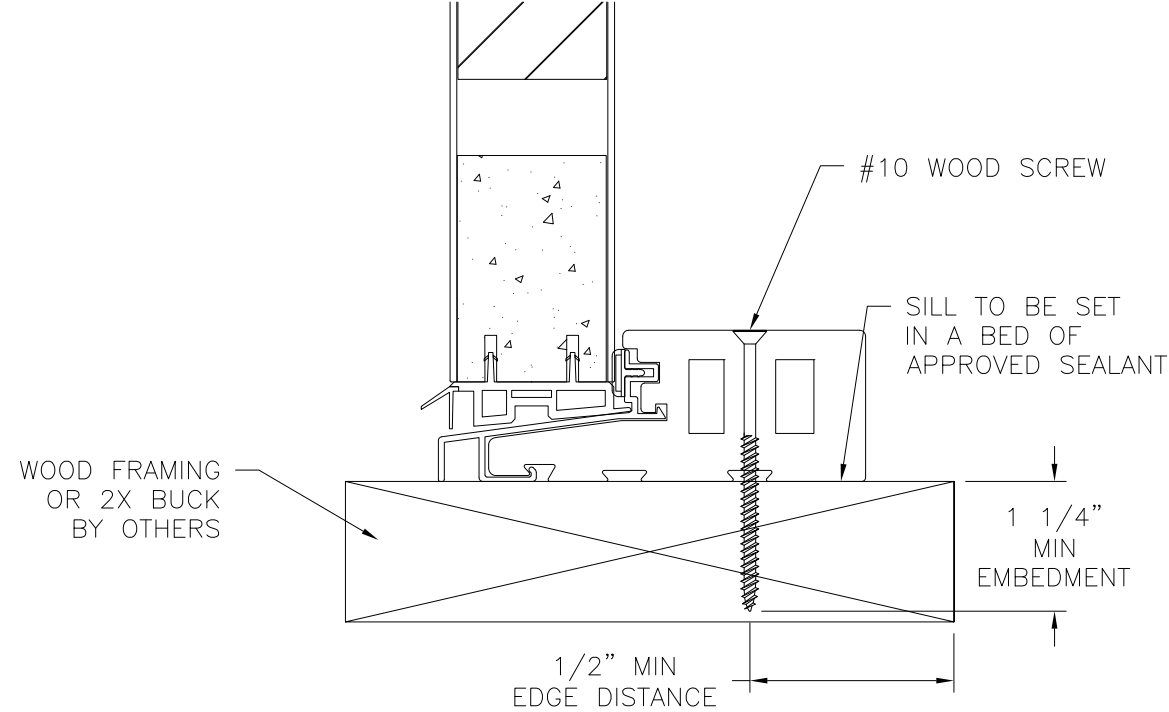
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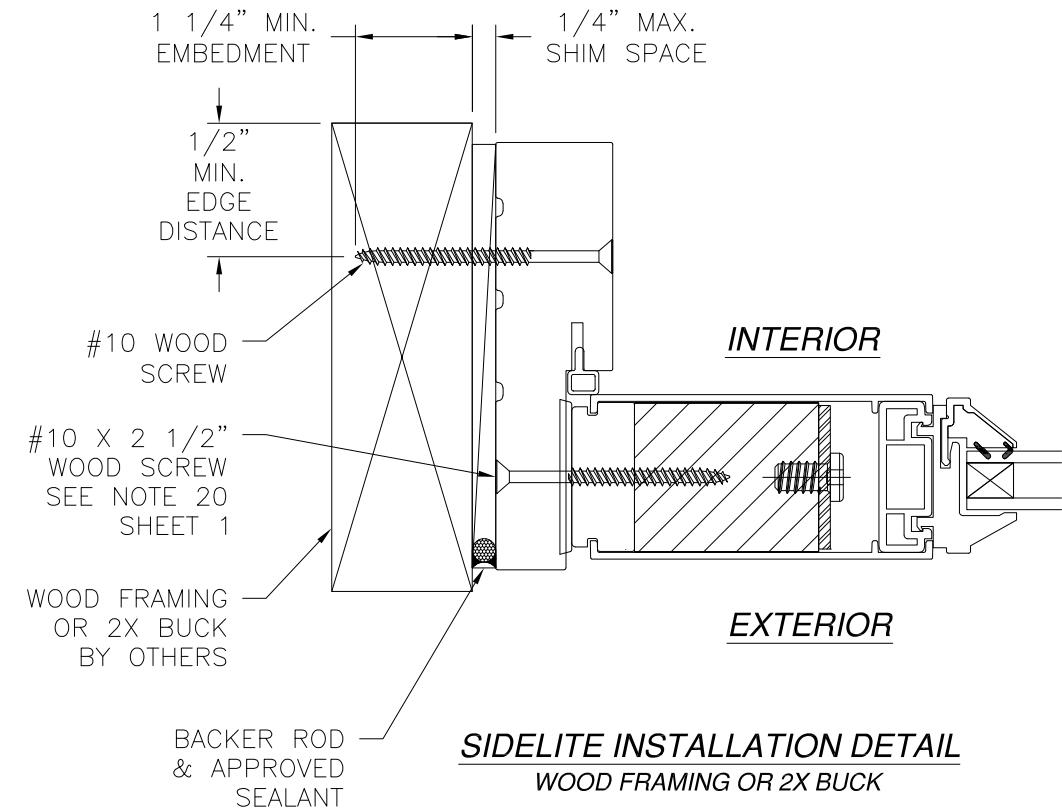


EXTERIOR

INTERIOR



SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING



INTERIOR

EXTERIOR

SIDELITE INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK

NOTES:

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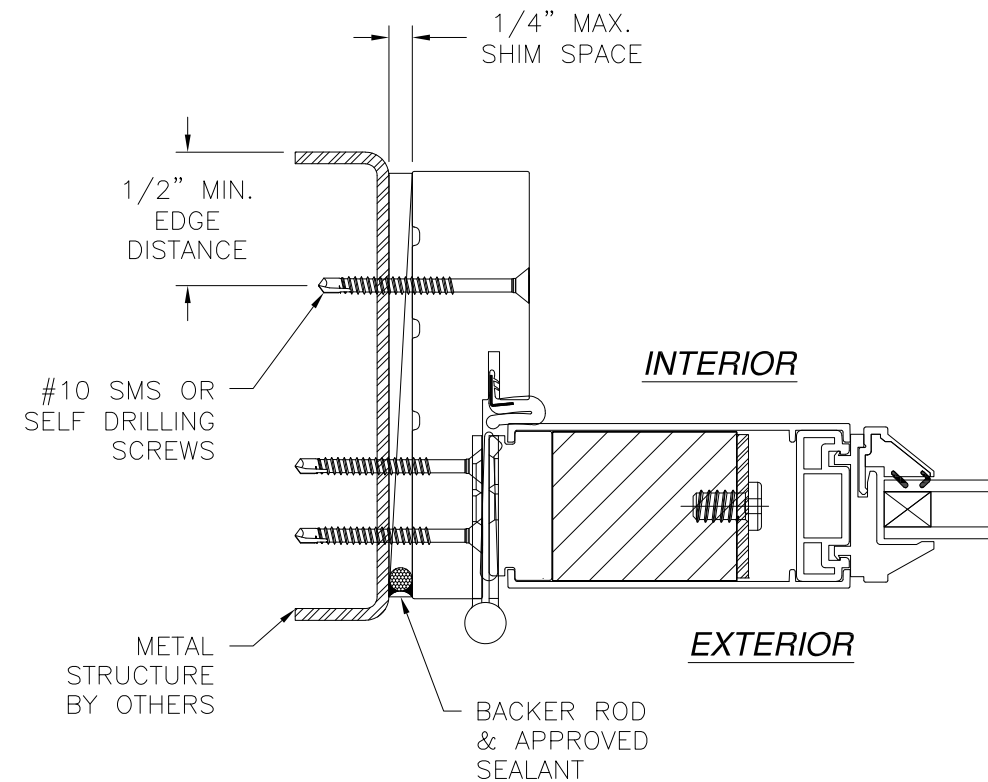
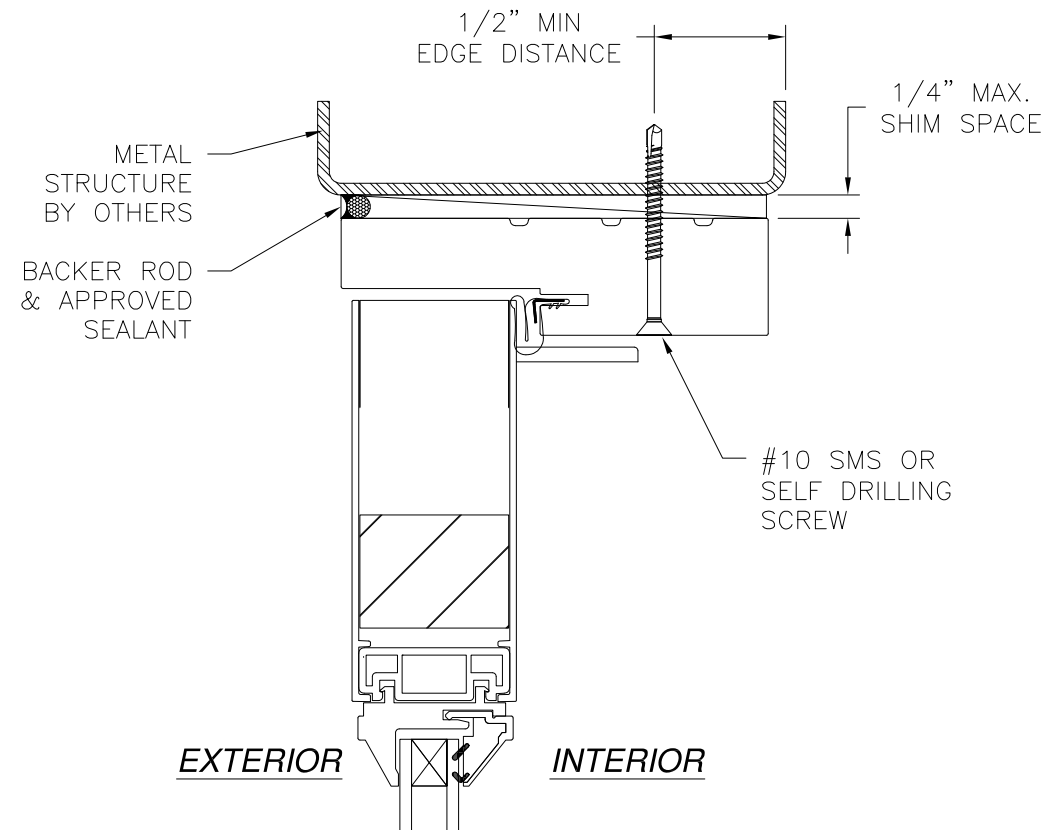
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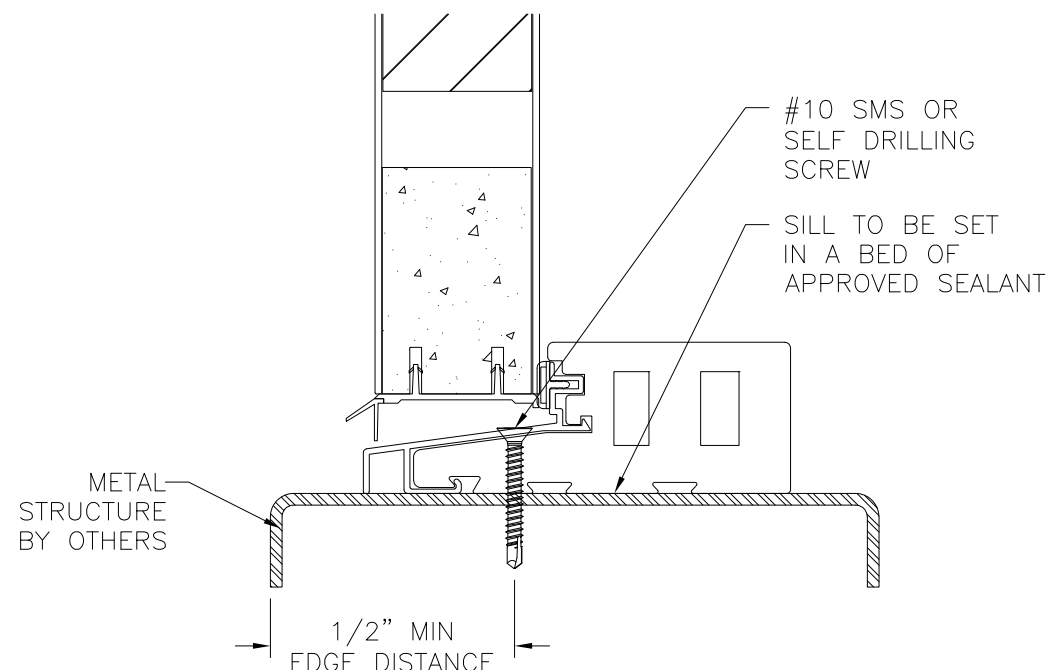


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DOOR INSTALLATION DETAIL
METAL STRUCTURE



DOOR INSTALLATION DETAIL
METAL STRUCTURE

NOTES:

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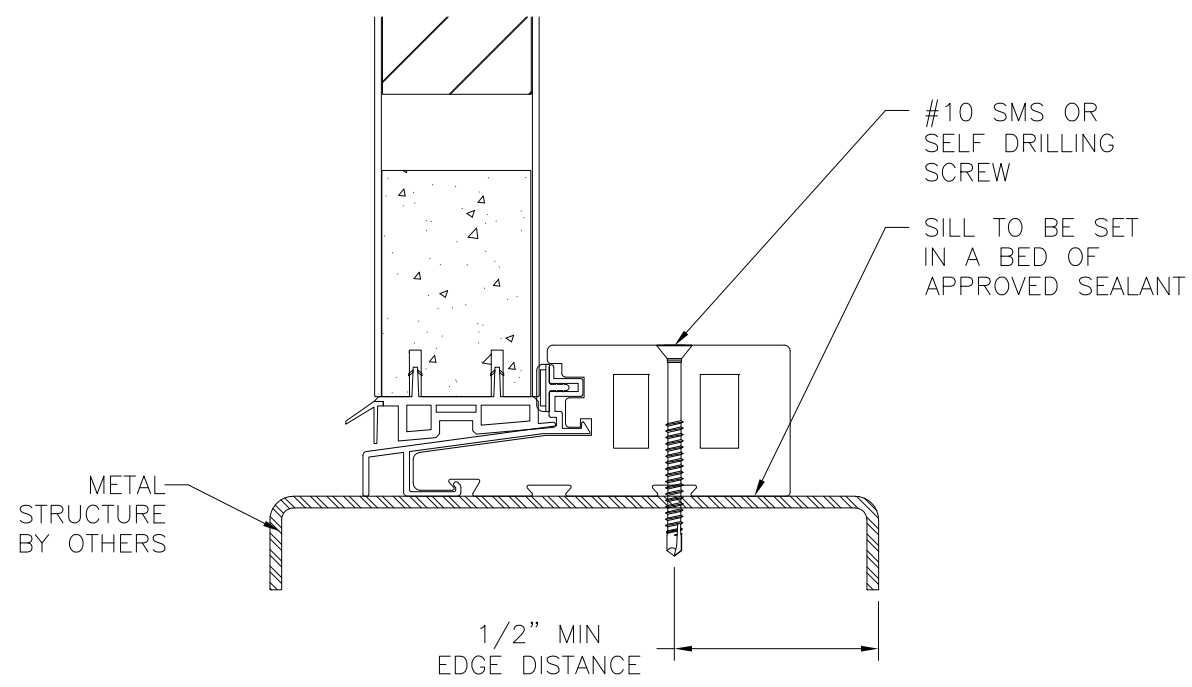
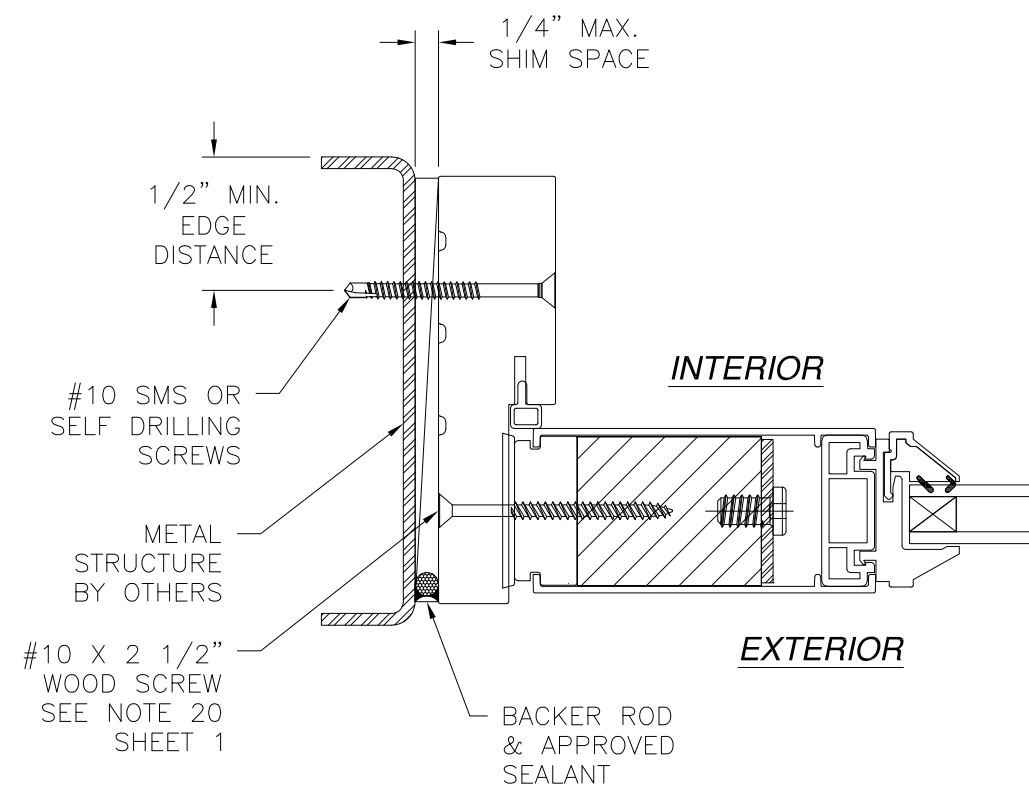
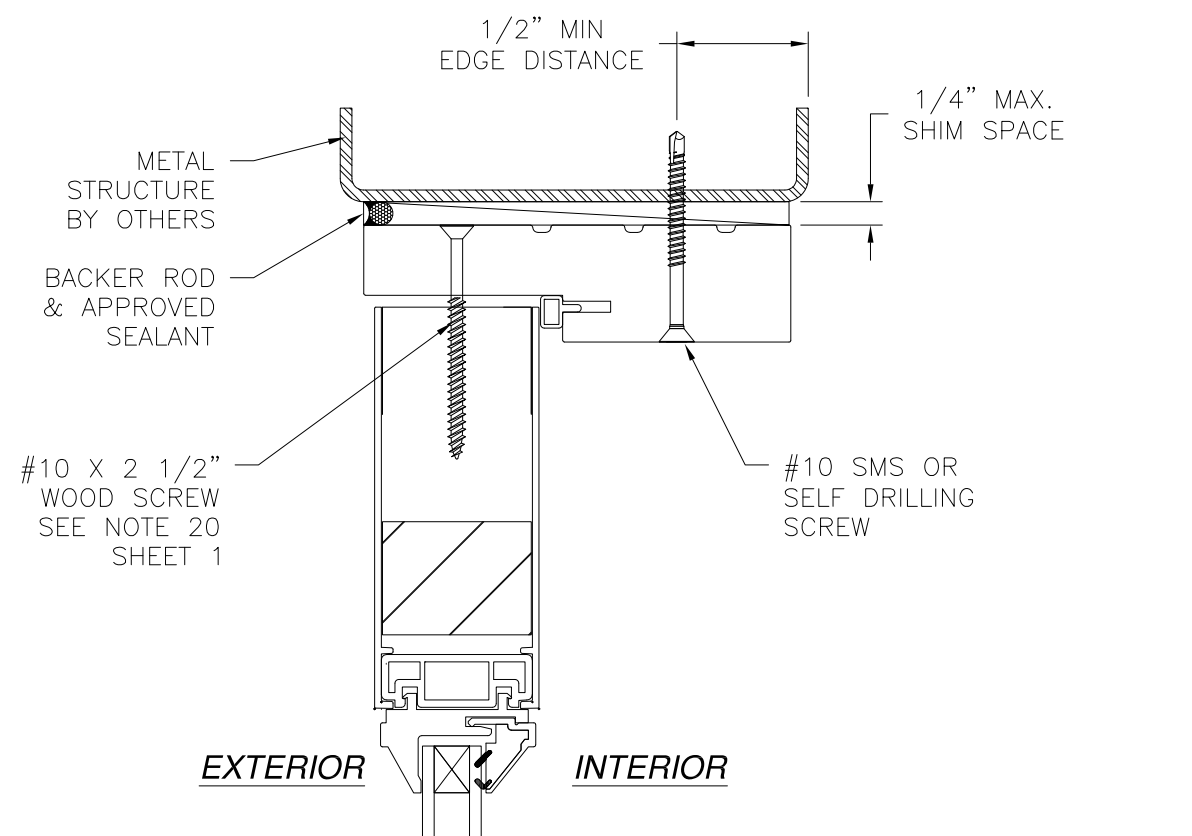
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SIDELITE INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

SIDELITE INSTALLATION DETAIL
METAL STRUCTURE

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

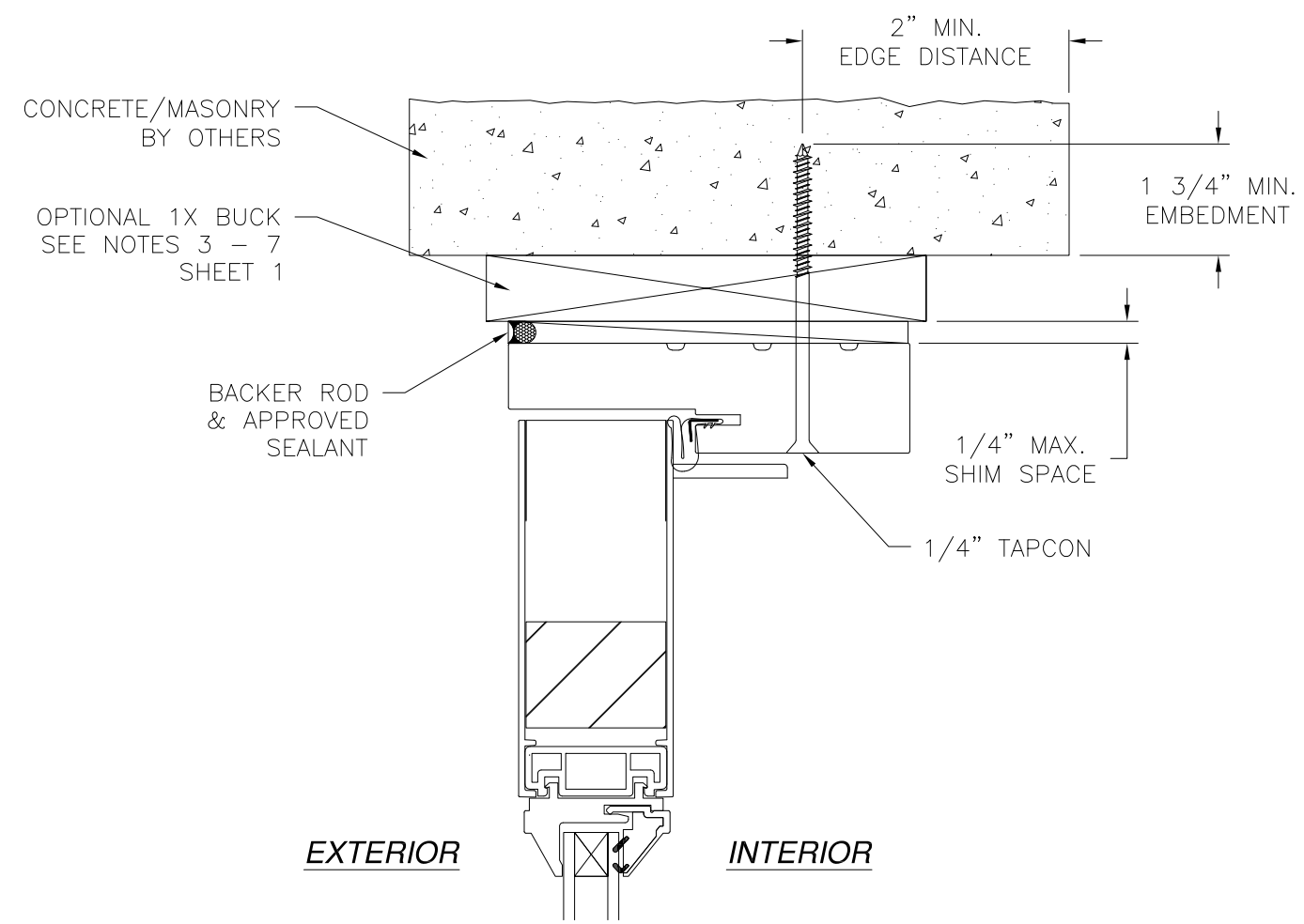
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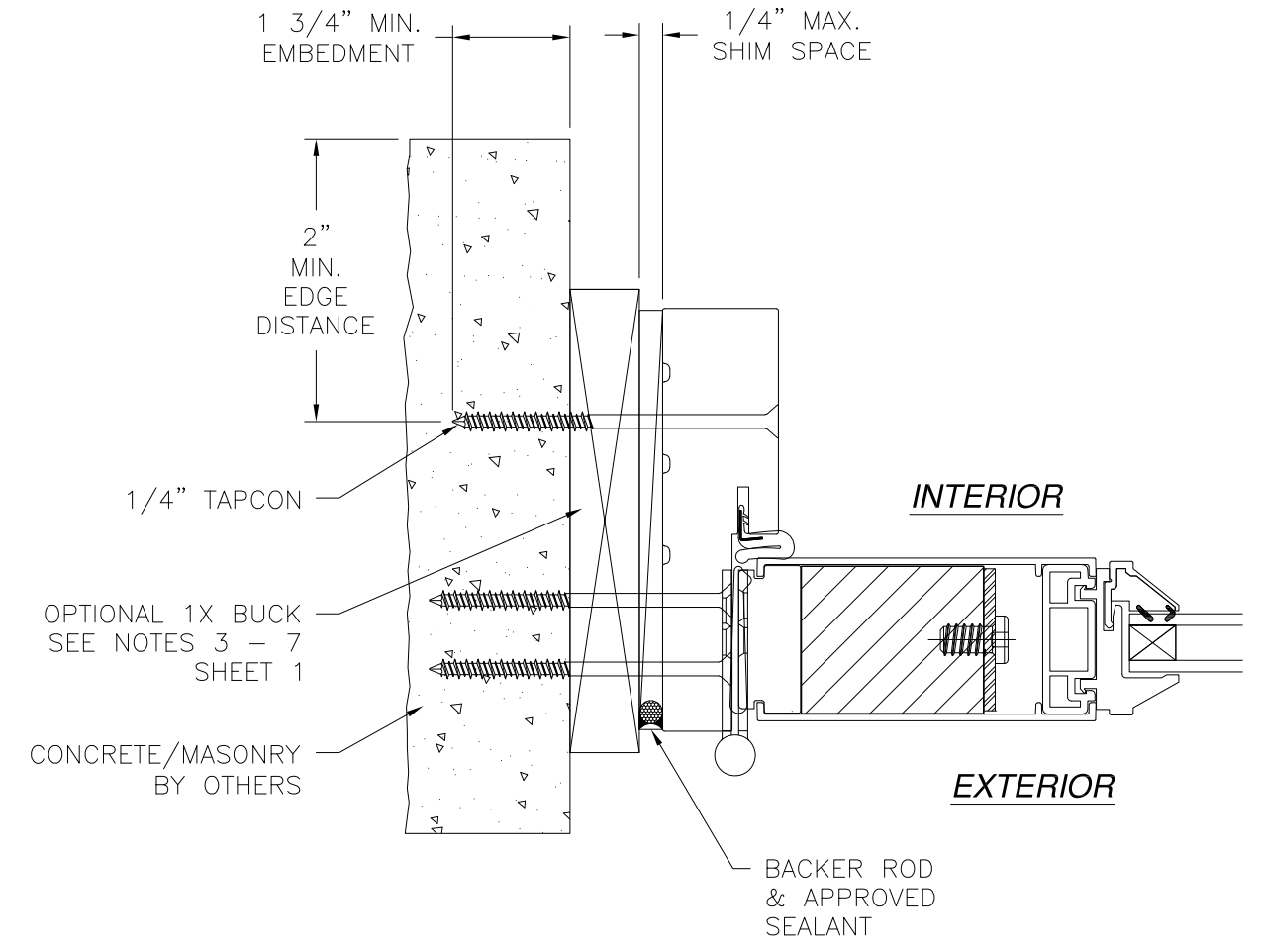


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EXTERIOR **INTERIOR**

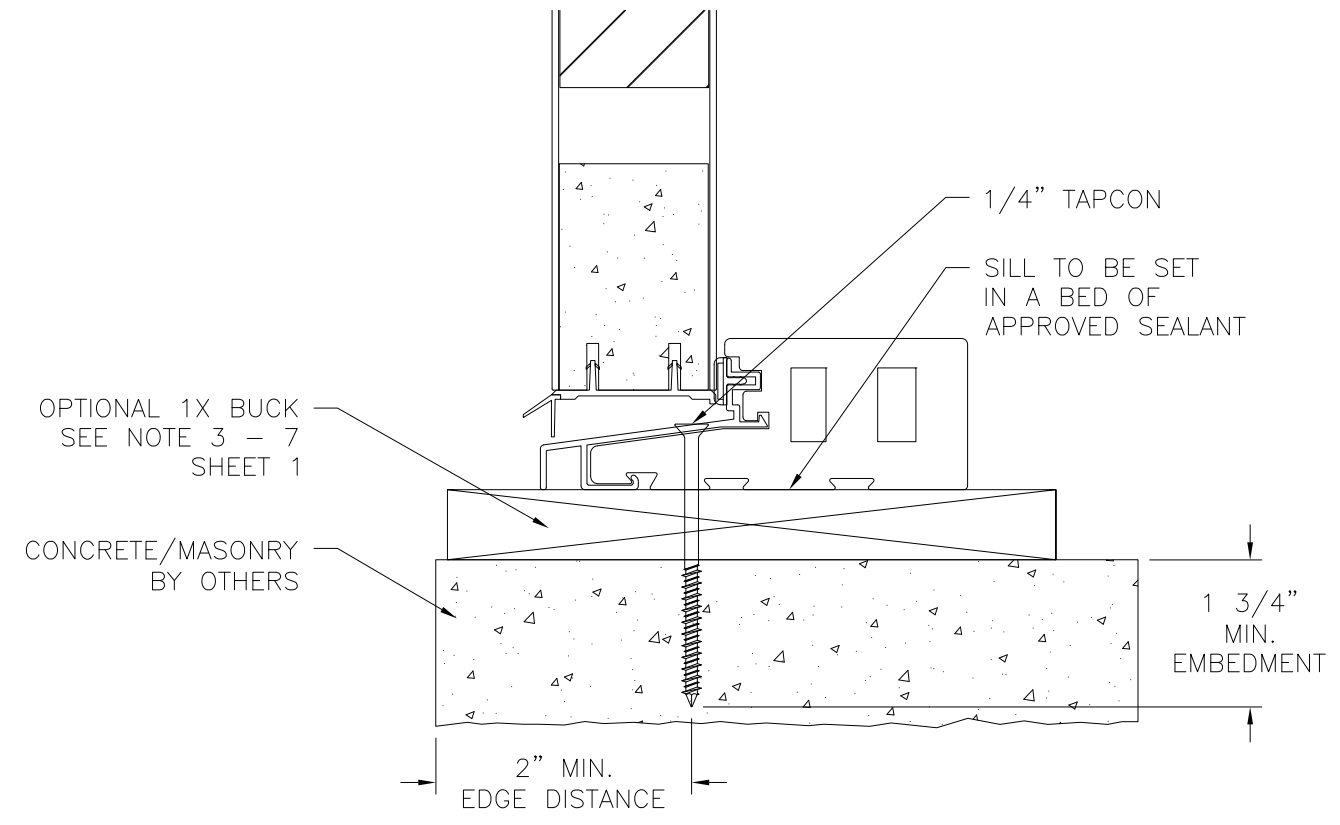


INTERIOR

EXTERIOR

DOOR INSTALLATION DETAIL
CONCRETE/MASONRY

- 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



DOOR INSTALLATION DETAIL
MASONRY/CONCRETE

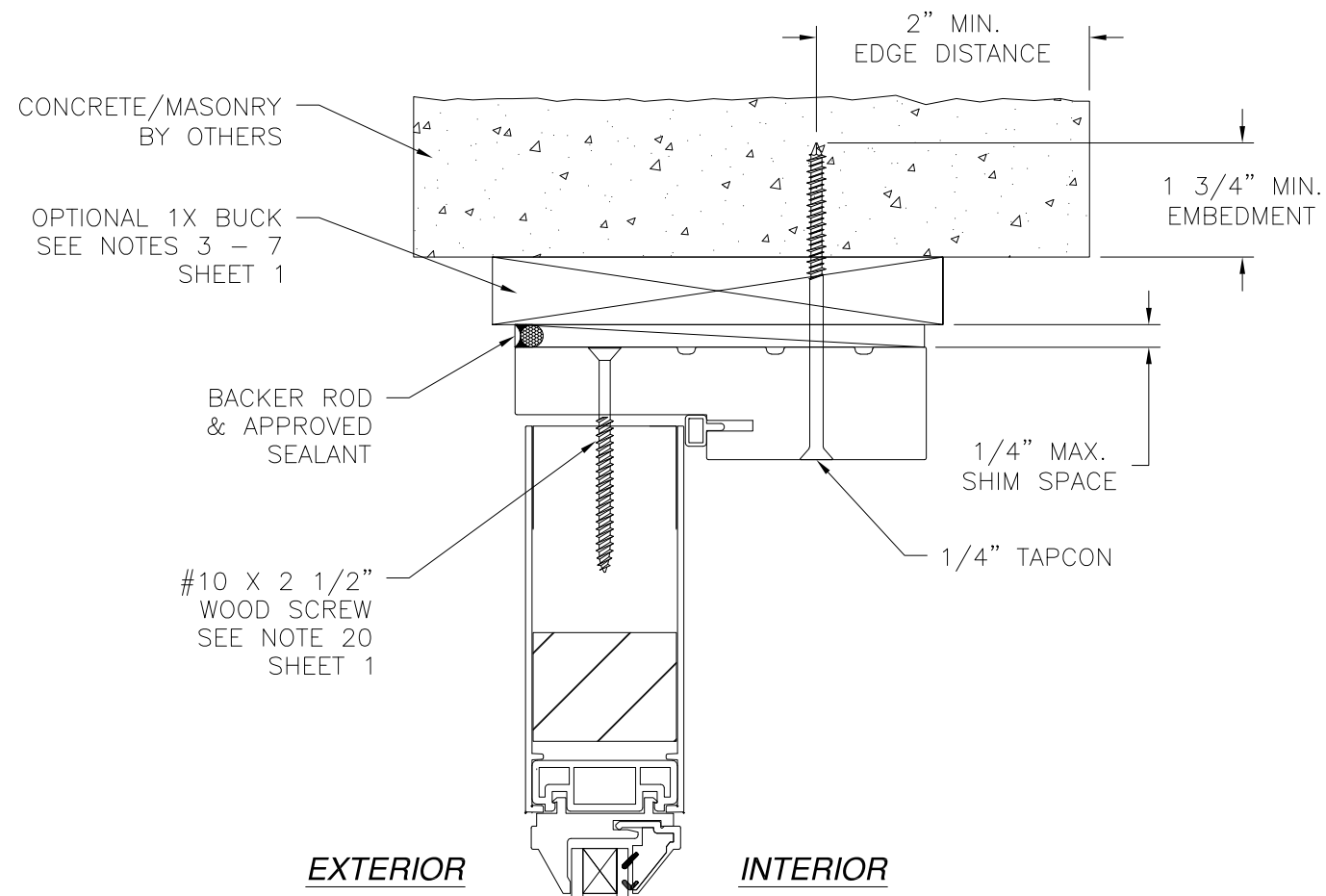
SIGNED: 09/30/2021

<p>NAN YA PLASTICS CORP. USA 8989 NORTH LOOP EAST HOUSTON, TX 77029</p>		
<p>SERIES SLPS OUT-SWING GLAZED FIBERGLASS SIDE HINGED PATIO DOOR 8'0 NON-IMPACT DOOR INSTALLATION DETAILS</p>		
DRAWN: L.B.	DWG NO. 08-02817	REV B
SCALE NTS	DATE 09/17/15	SHEET 11 OF 12
<p>L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com</p>		

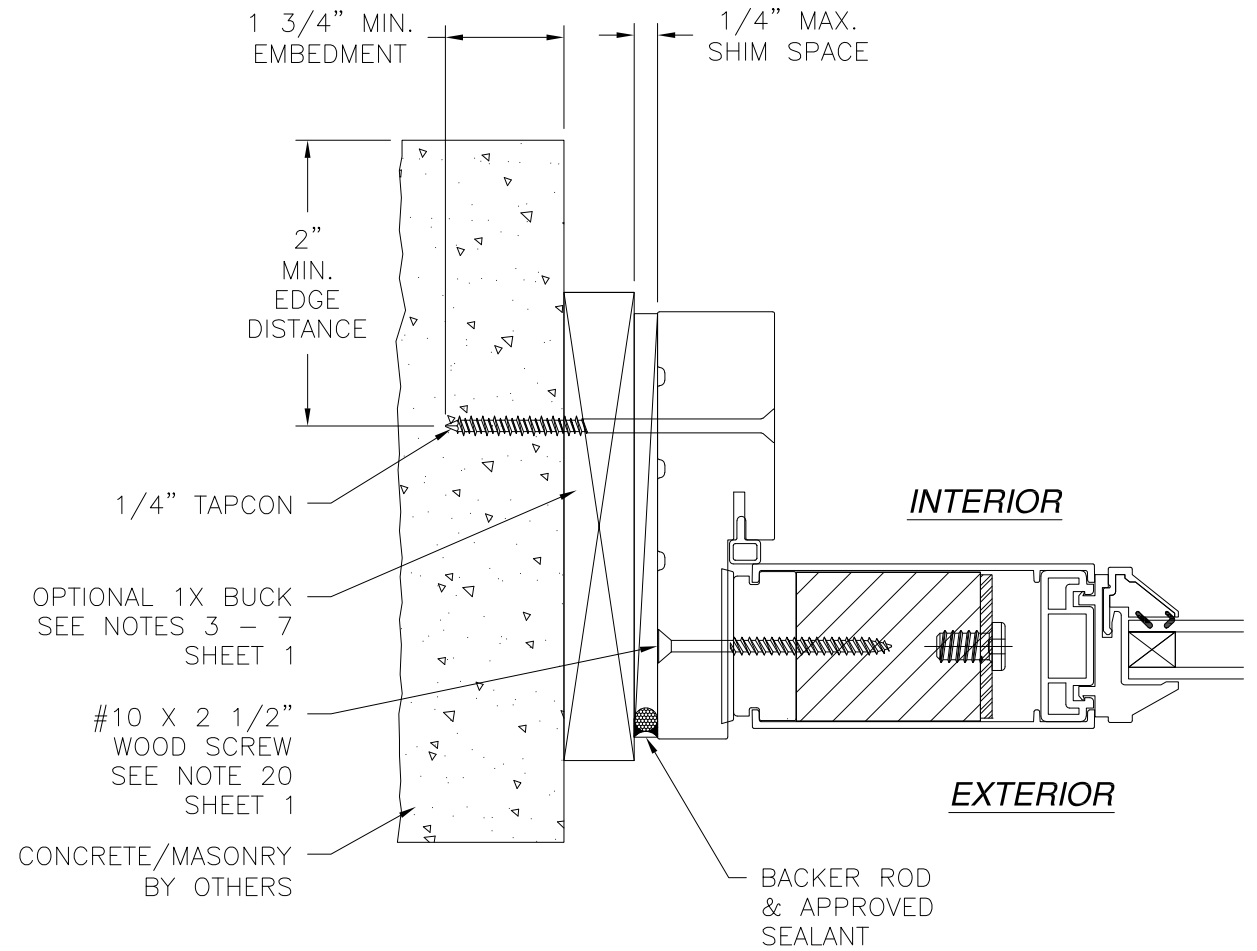


Luis R. Lomas P.E.
TX No.: 101889

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED HARDWARE	09/27/16	R.L.
B	UPDATED PER NEW CODES	09/30/2021	R.L.

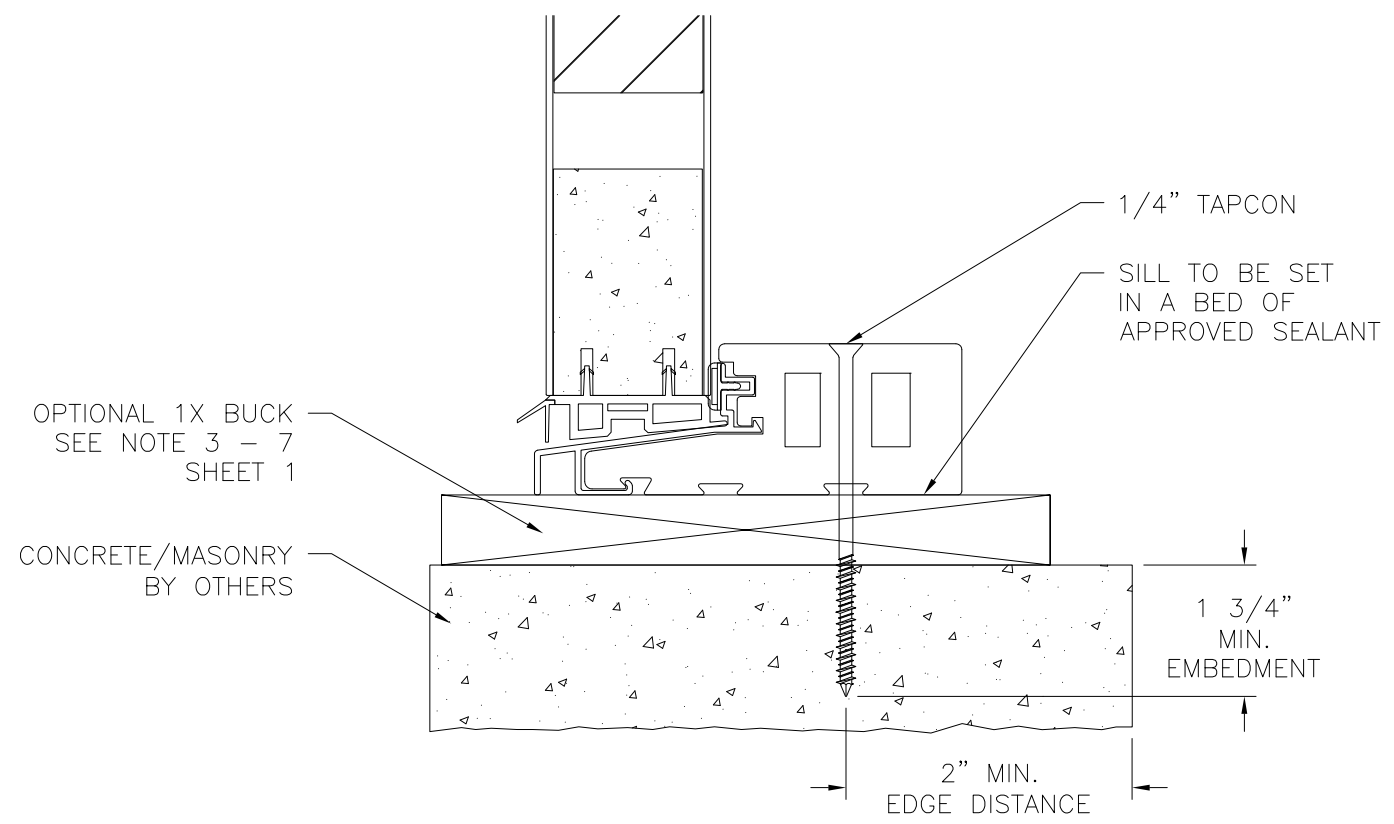


SIDELITE INSTALLATION DETAIL
MASONRY/CONCRETE



SIDELITE INSTALLATION DETAIL
CONCRETE/MASONRY

- 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



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NAN YA PLASTICS CORP. USA
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES SLPS OUT-SWING GLAZED FIBERGLASS
SIDE HINGED PATIO DOOR 8'0 NON-IMPACT
SIDELITE INSTALLATION DETAILS

DRAWN: L.B.	DWG NO. 08-02817	REV B
SCALE NTS	DATE 09/17/15	SHEET 12 OF 12

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