

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
B	REVISED TO ADD INSTALLATION DETAILS	03/14/2022	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2018 IBC AND THE 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. 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: CO-EXTRUDED PVC FOAM.
11. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
12. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
13. 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.

14. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCON 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.
15. 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.
16. ALL FASTENERS TO BE CORROSION RESISTANT.
17. 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 - GROUT FILLED BLOCK PER ASTM C-90 WITH Fm=2,000PSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 .067" THICK MINIMUM
18. 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.
19. SIDELITES ARE ASSEMBLED TO FRAME WITH #10 X 3" WOOD SCREWS LOCATED 4" FROM EACH END AND 23 1/8" MAX O.C. THEREAFTER AT JAMBS AND 4" FROM EACH END AND ONE AT MIDSPAN AT HEAD AND SILL.

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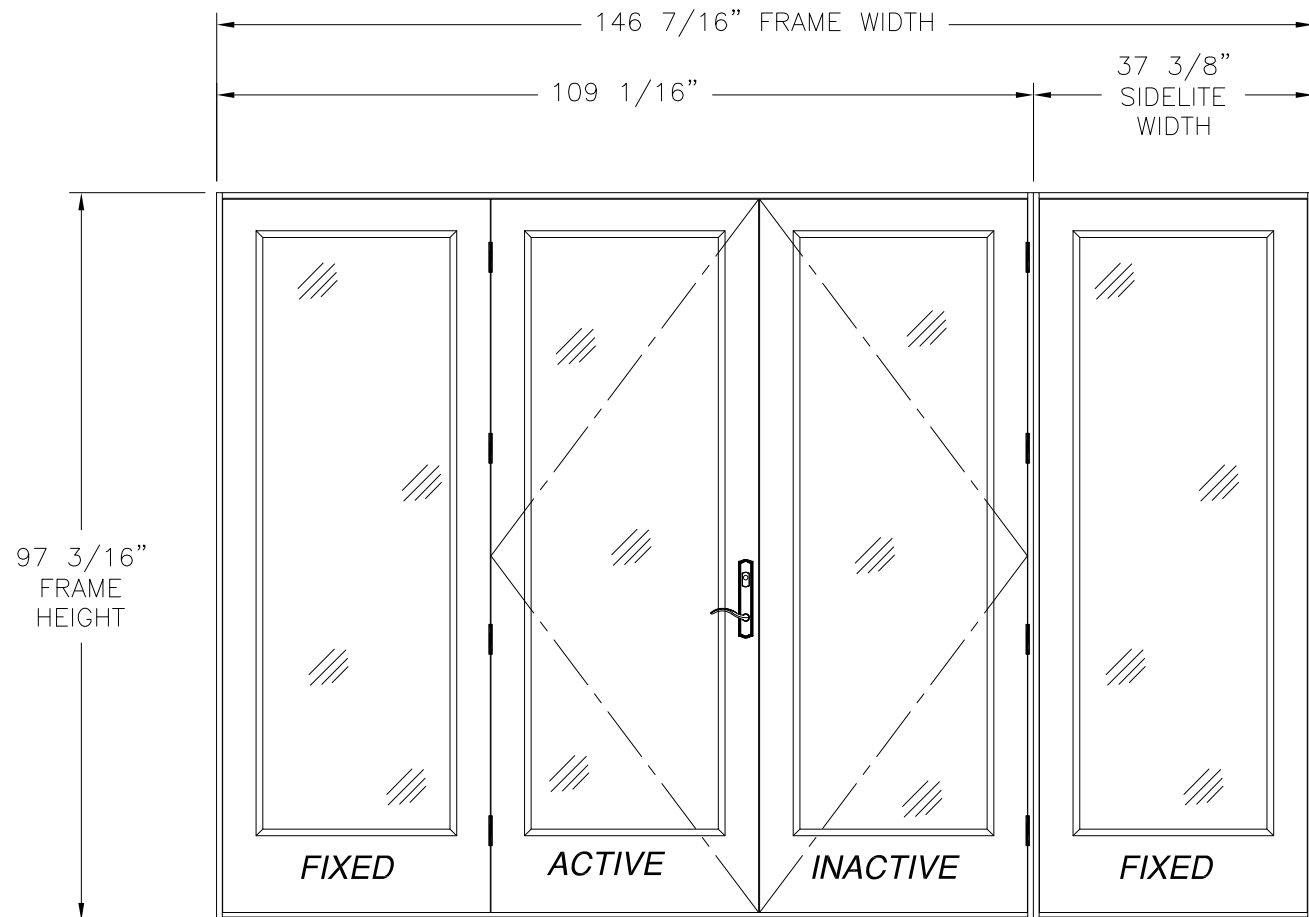
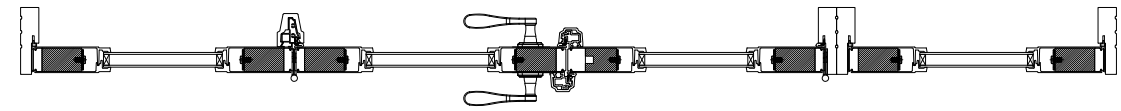
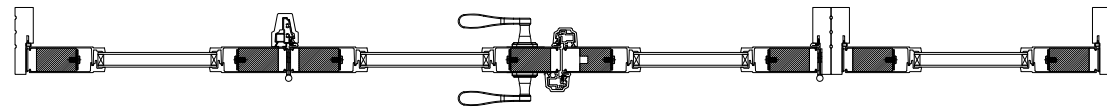
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NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING SIDE-HINGED DOOR W/SIDELITES NON-IMPACT NOTES		
DRAWN: A.R.	DWG NO. 08-03311	REV B
SCALE NTS	DATE 09/27/18	SHEET 1 OF 17
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



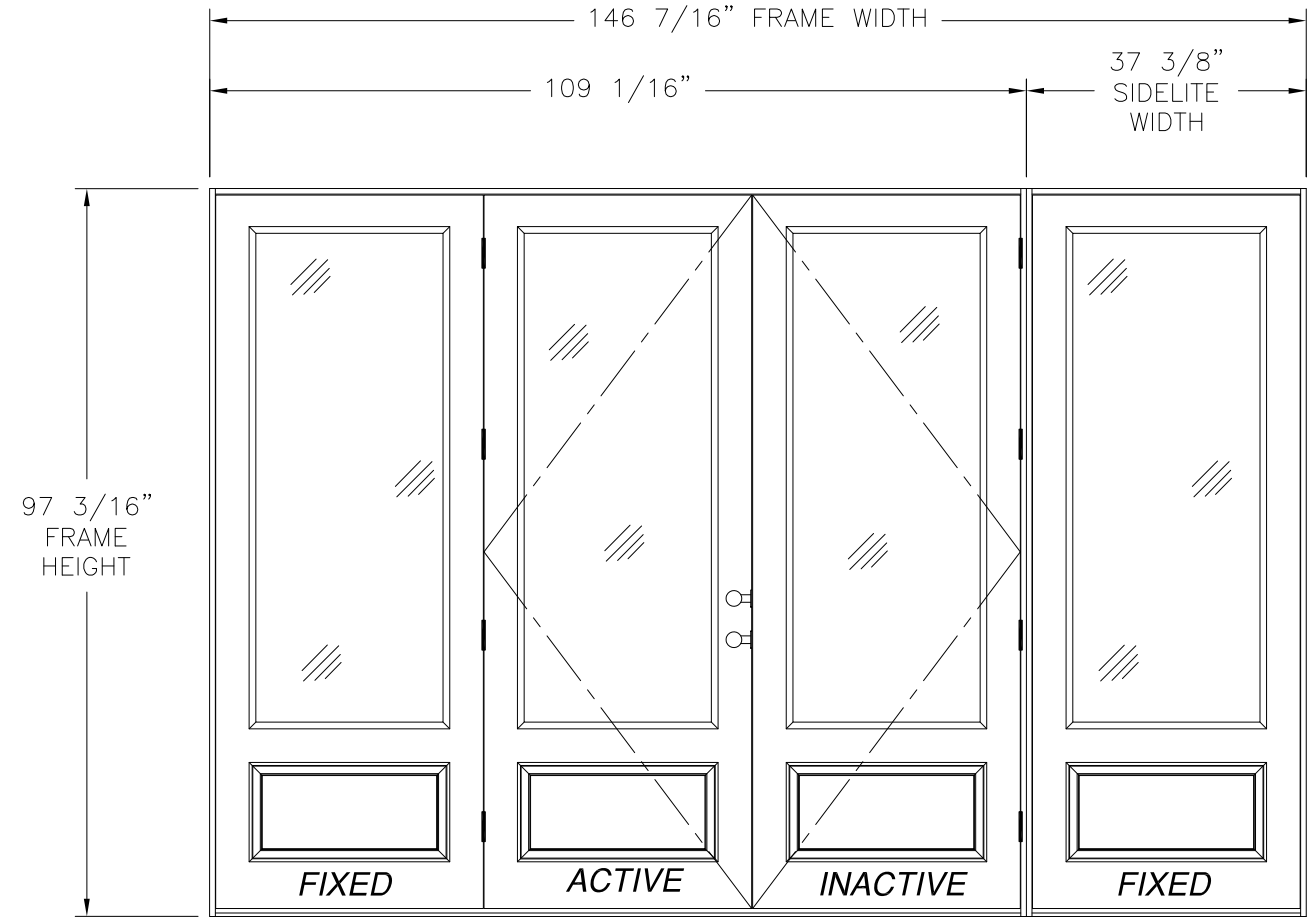
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SERIES SLPS OUT-SWING SIDE-HINGED DOOR W/SIDELITES

EXTERIOR VIEW
FULL LITE PANEL



SERIES SLPS OUT-SWING SIDE-HINGED DOOR W/SIDELITES

EXTERIOR VIEW
3/4 LITE PANEL

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

NOTES:

- PANEL SIZE: 35 3/4" X 95 1/4"
- D.L.O.: 25" X 79"

HARDWARE SCHEDULE

A.	(4) STEEL 4X4 BUTT HINGE BY WENZHOU LONGTAI (PER PANEL), AT 5 3/4", 31 1/4", 56 3/4" & 82 1/4" FROM FRAME HEAD AT STILE OF ACTIVE & PASSIVE PANEL
B.	DIE CAST HANDLE SETS AT ACTIVE PANEL
C.	STAINLESS STEEL FLUSH BOLT BAR WITH KEEPERS AT ACTIVE AND PASSIVE PANEL
D.	FLUSH BOLT MECHANISM WITH KEEPERS (DIE CAST, STEEL, POM) AT PASSIVE PANEL
E.	STAINLESS STEEL DRIVE BAR WITH KEEPERS AT ACTIVE PANEL
F.	STAINLESS STEEL MULTI-POINT (3) LOCKING SYSTEM WITH KEEPERS, 8 3/8", 51 3/4" AND 90 1/8" FROM FRAME HEAD AT ACTIVE AND PASSIVE PANEL
G.	T-ASTRAGAL AT ACTIVE AND INACTIVE PANEL STILES
H.	ALUMINUM REINFORCEMENT (A) AT ASTRAGAL
I.	ALUMINUM MULLION REINFORCEMENT (B) AT INTEGRAL MULLION

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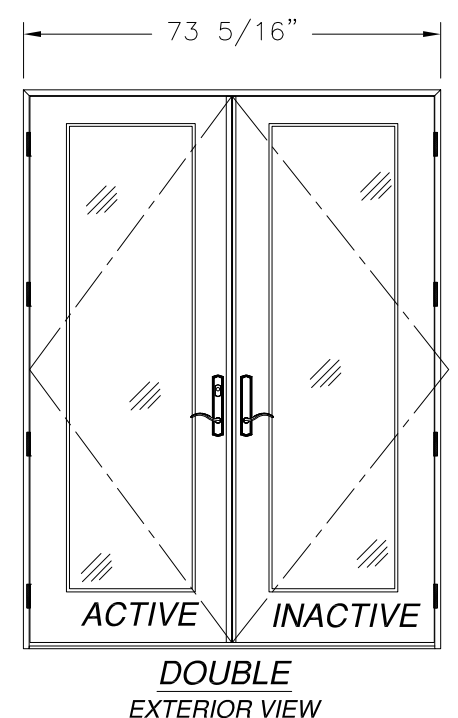
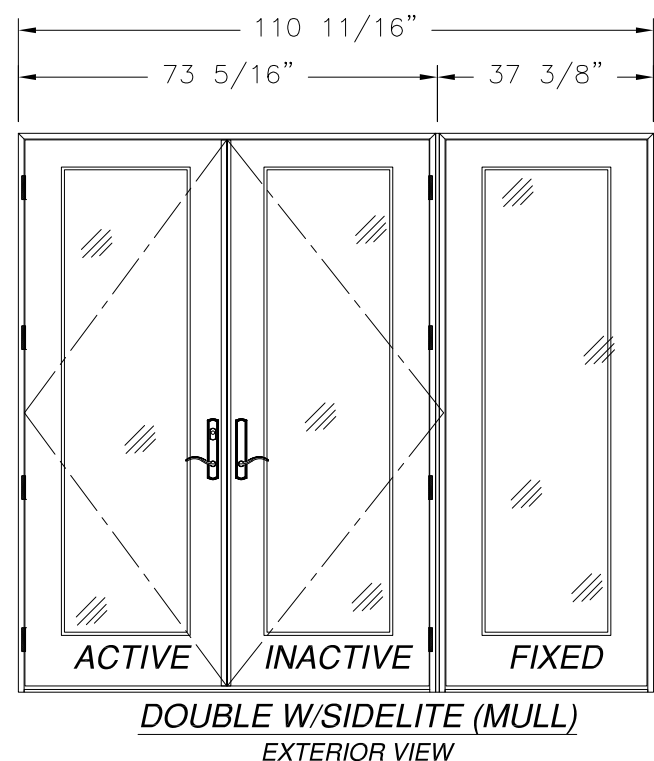
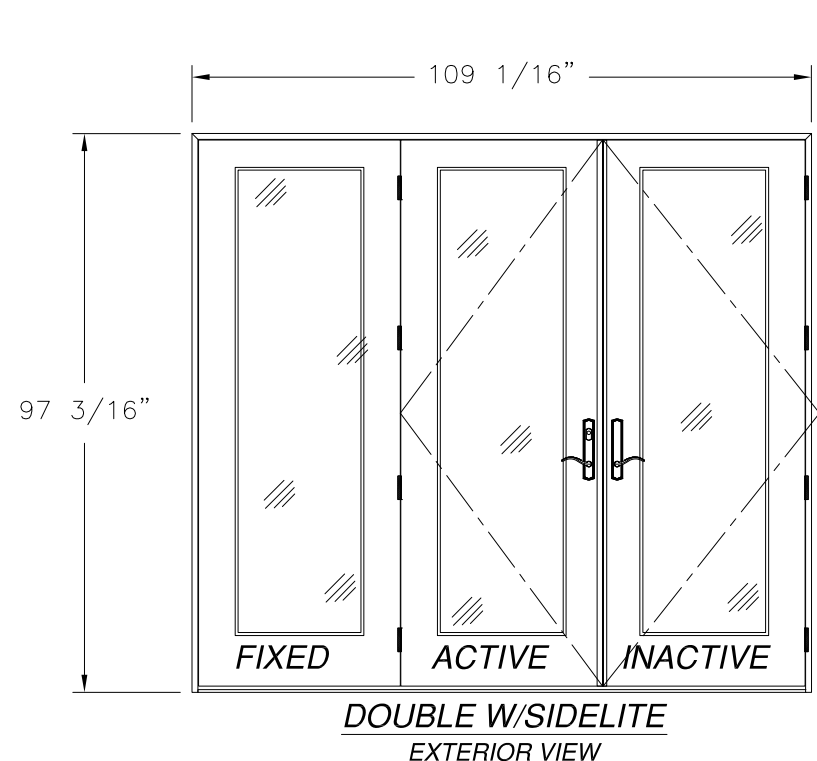
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ELEVATIONS

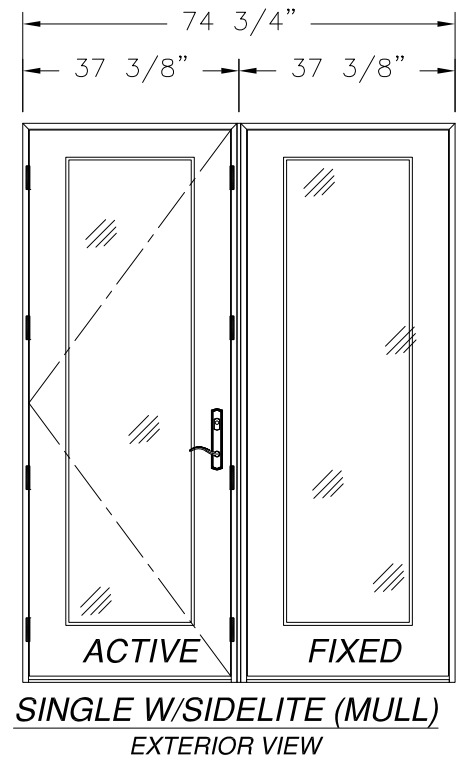
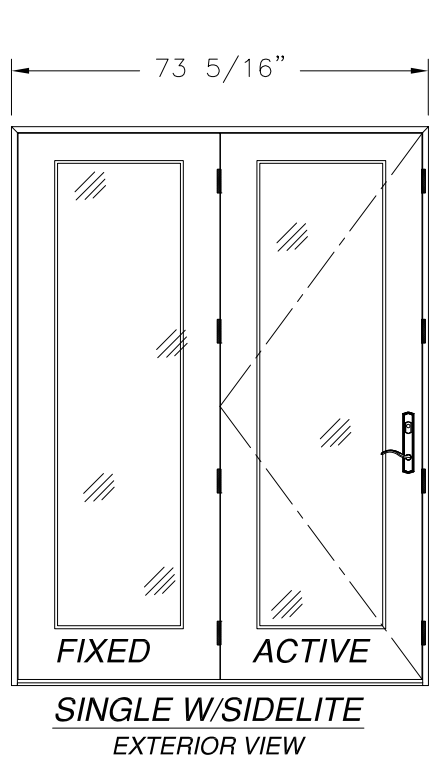
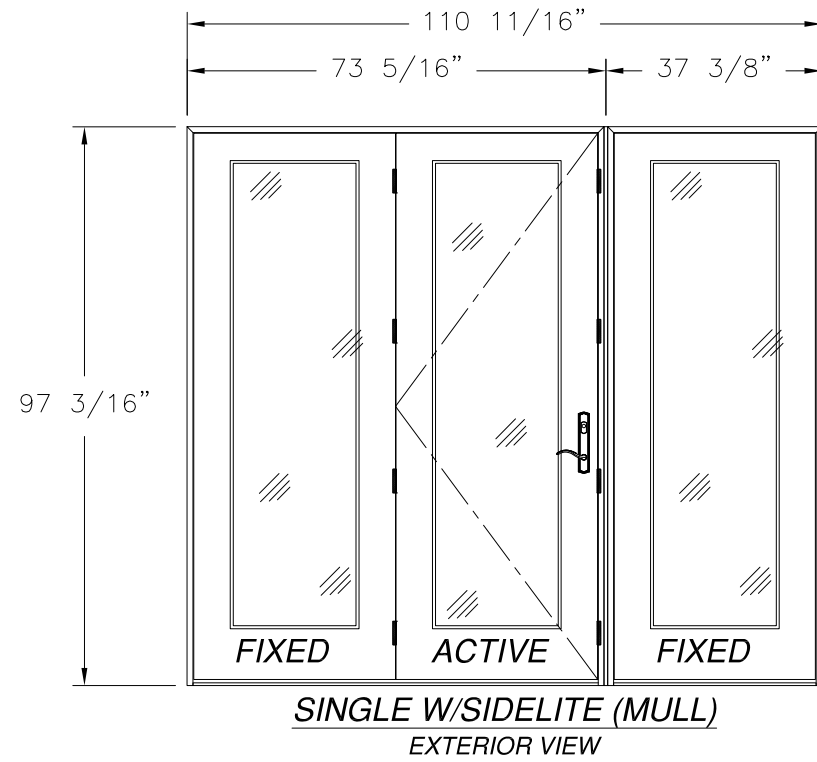
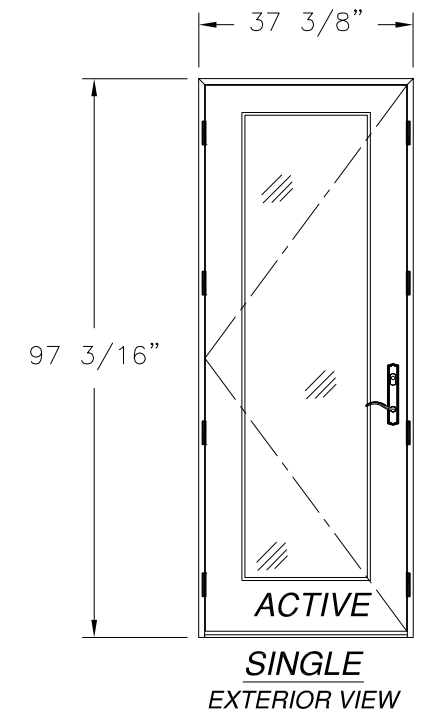
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SCALE NTS	DATE 09/27/18	SHEET 2 OF 17
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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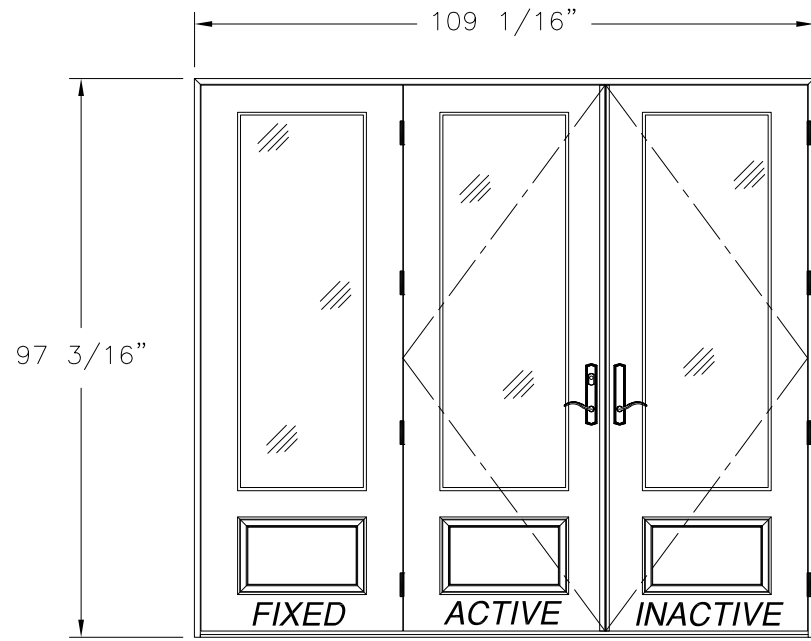
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SIDE-HINGED DOOR W/SIDELITES NON-IMPACT
APPROVED INSTALLATION DETAILS FULL LITE PANEL

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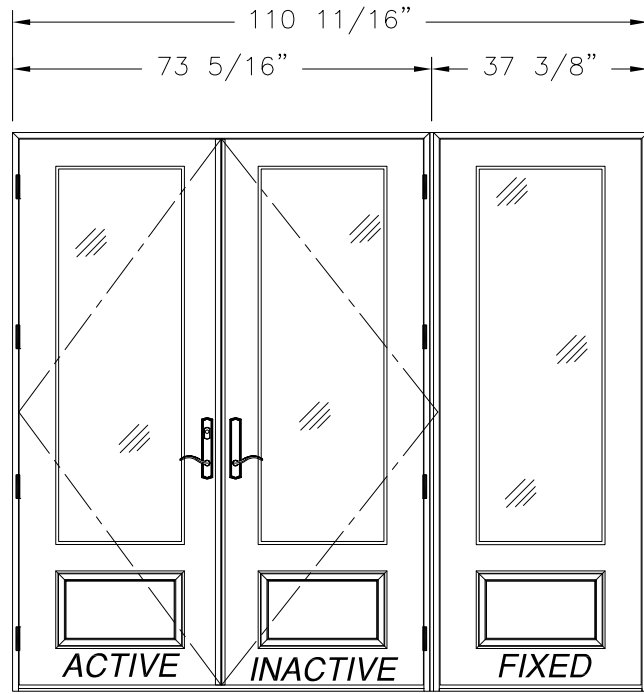
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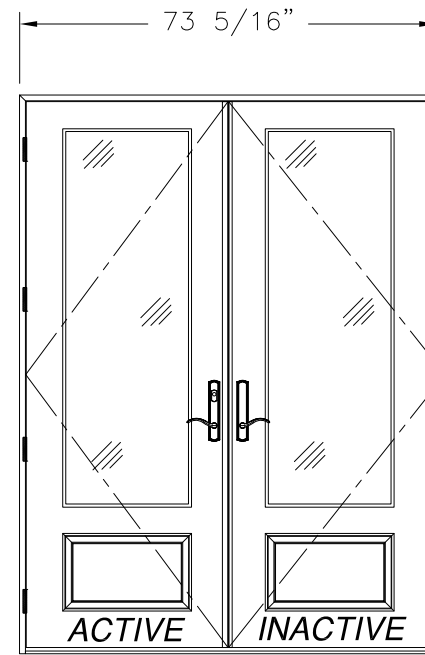
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DOUBLE W/SIDELITE
EXTERIOR VIEW

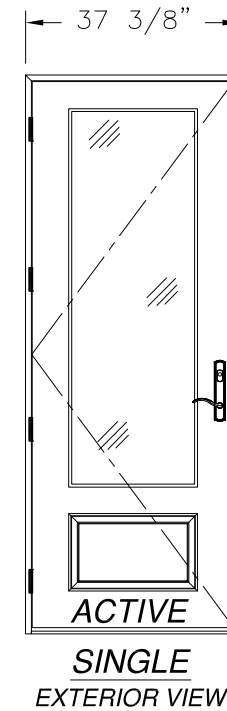


DOUBLE W/SIDELITE (MULL)
EXTERIOR VIEW

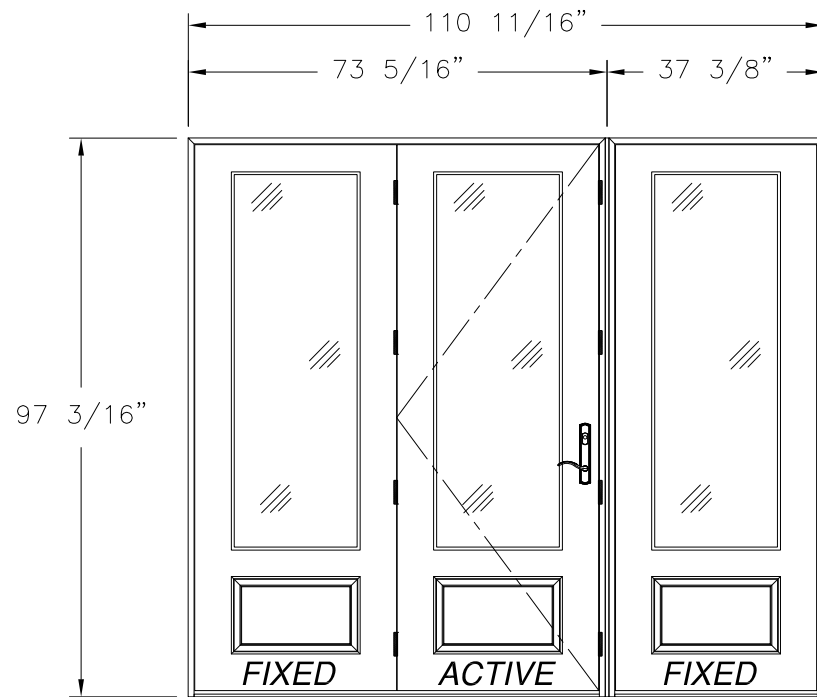


DOUBLE
EXTERIOR VIEW

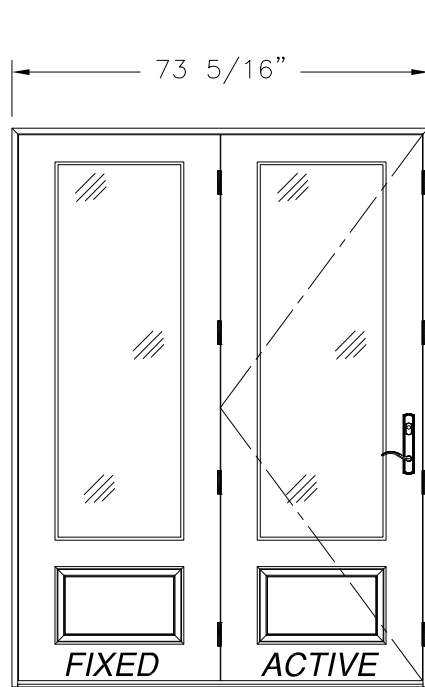
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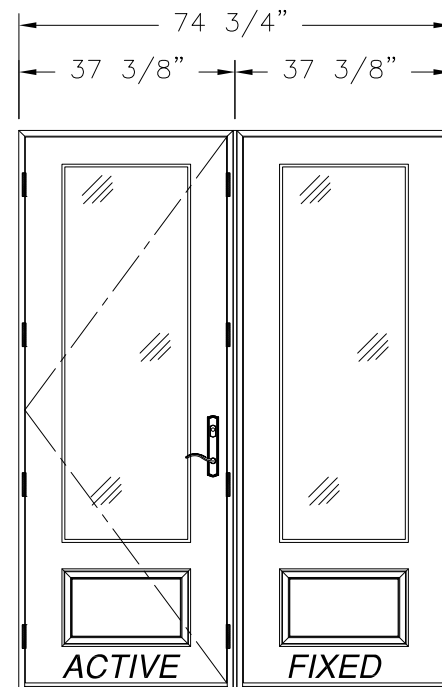
SINGLE
EXTERIOR VIEW



SINGLE W/SIDELITE (MULL)
EXTERIOR VIEW



SINGLE W/SIDELITE
EXTERIOR VIEW



SINGLE W/SIDELITE (MULL)
EXTERIOR VIEW

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APPROVED CONFIGURATIONS 3/4 LITE PANEL

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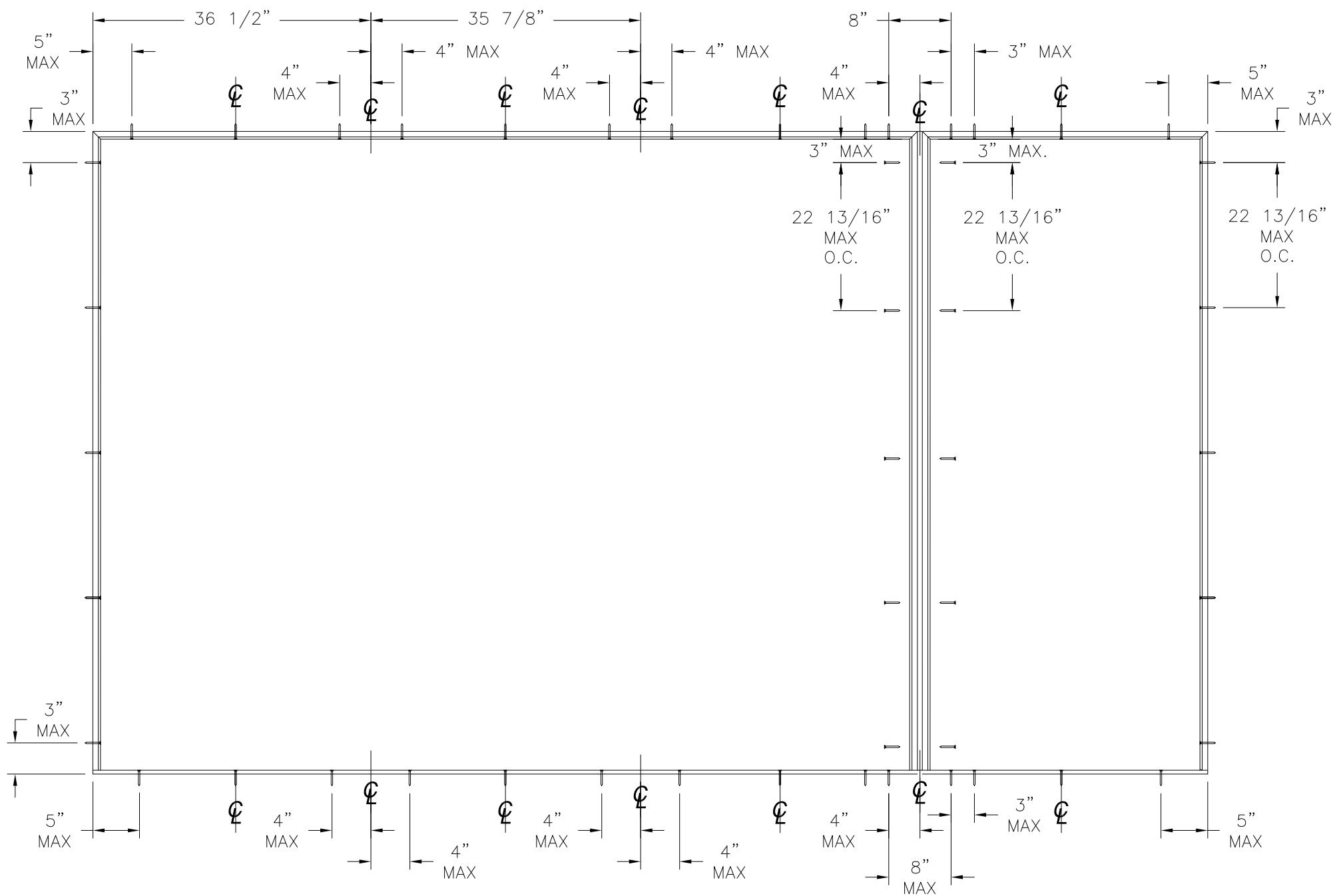
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ANCHORING LAYOUT

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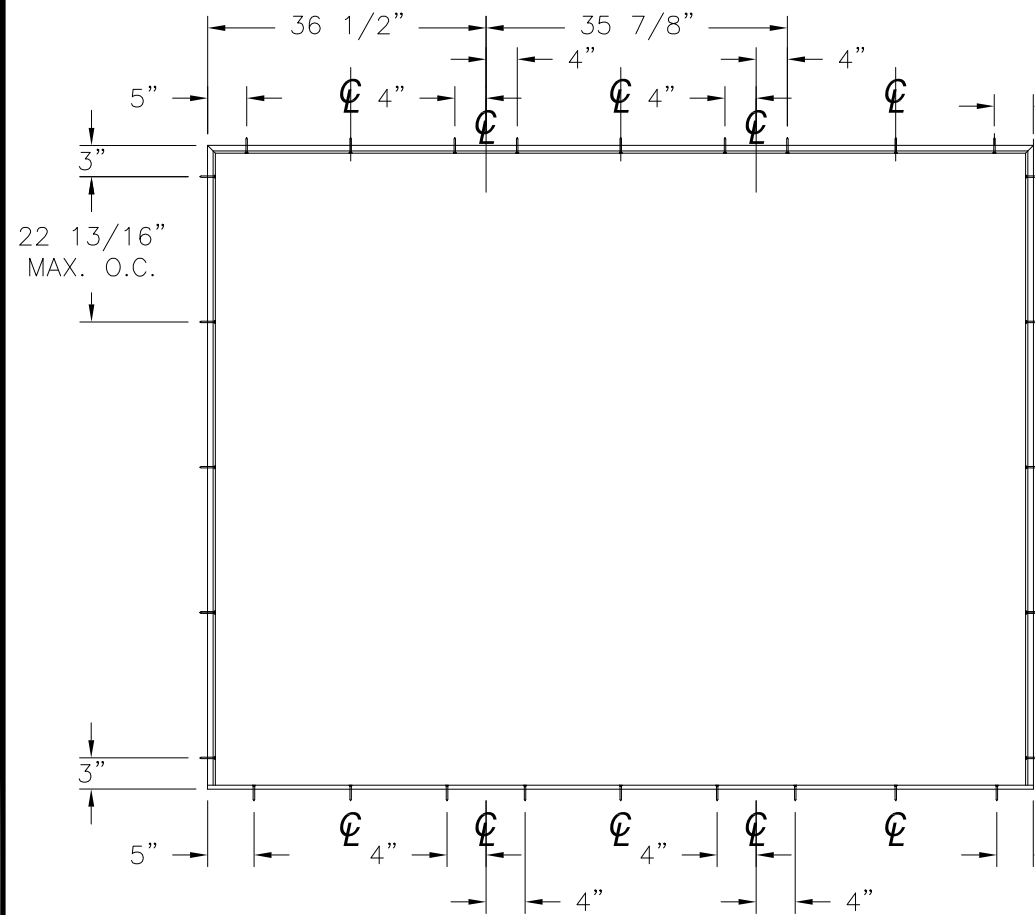
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 ANCHORING LAYOUT

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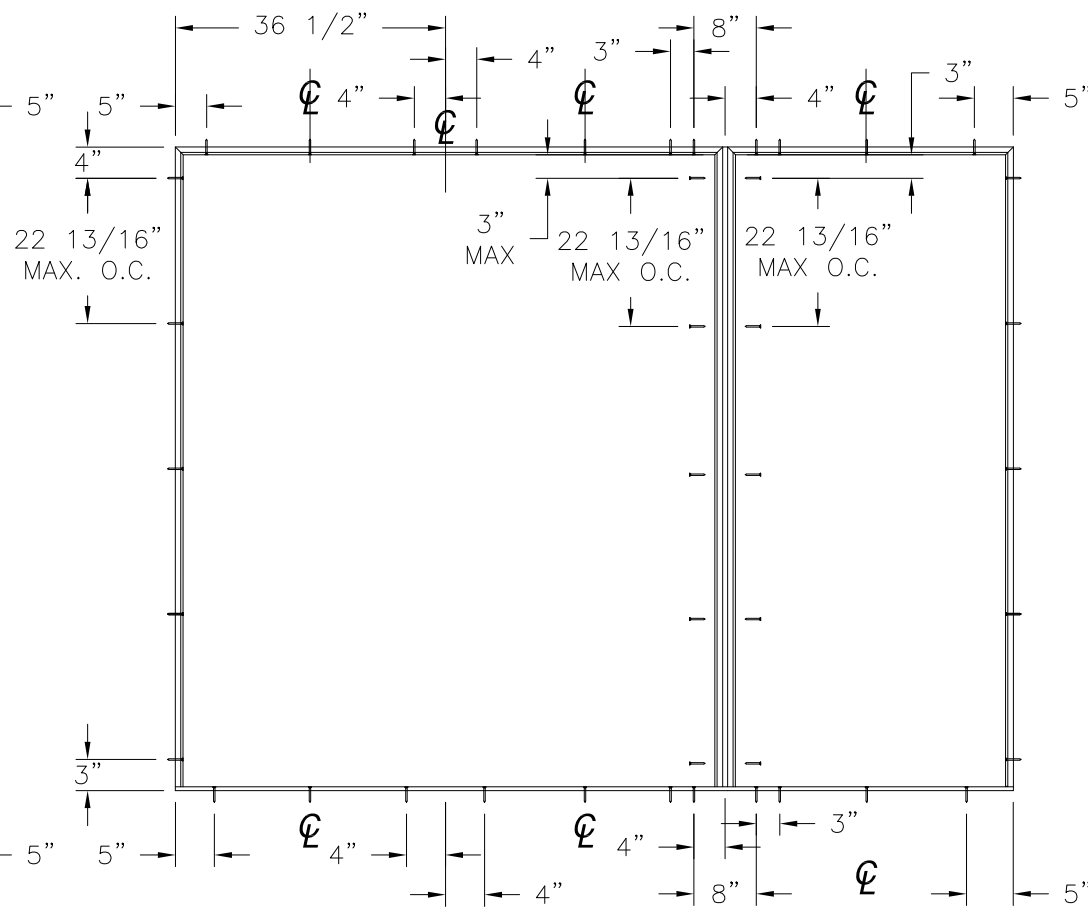
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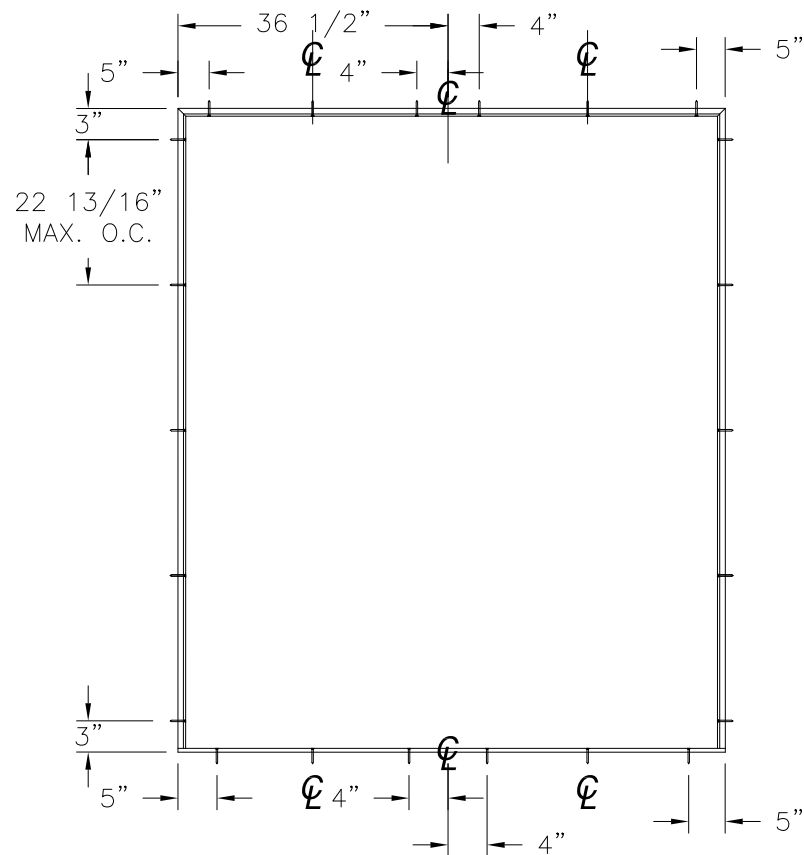
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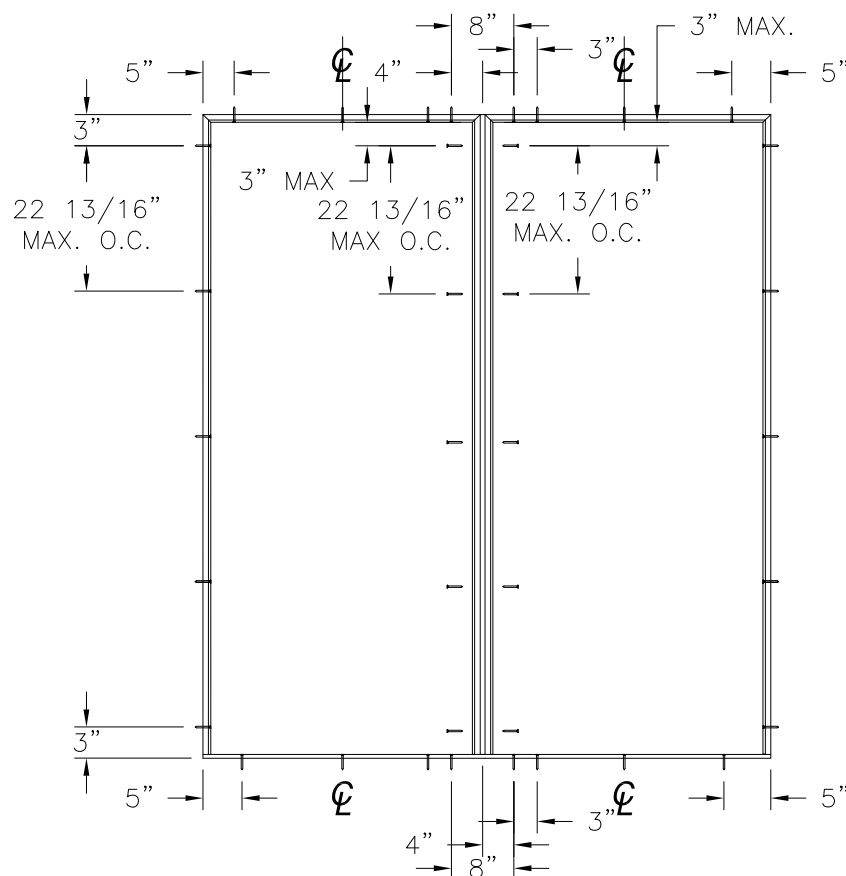
ANCHORING LAYOUT FOR OXO, XXO AND OXX



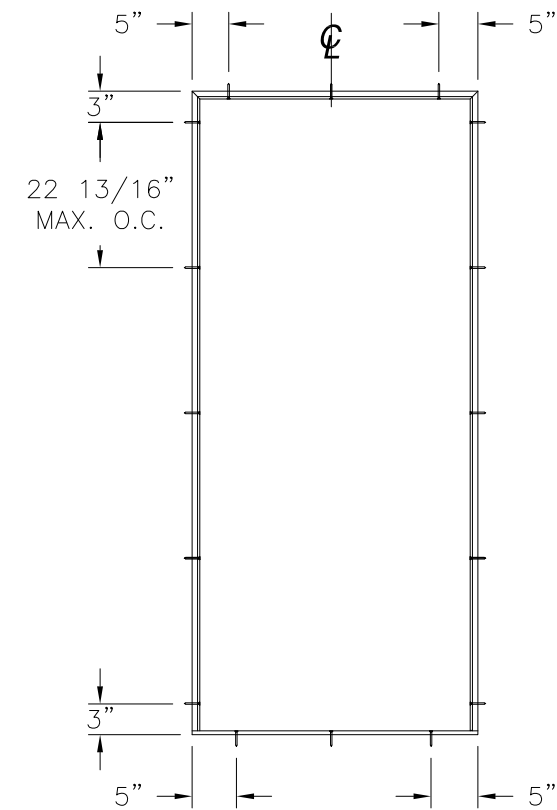
ANCHORING LAYOUT FOR OXO, XXO AND OXX (MULL)



ANCHORING LAYOUT FOR XX, OX AND XO



ANCHORING LAYOUT FOR OX AND XO (MULL)



ANCHORING LAYOUT FOR X

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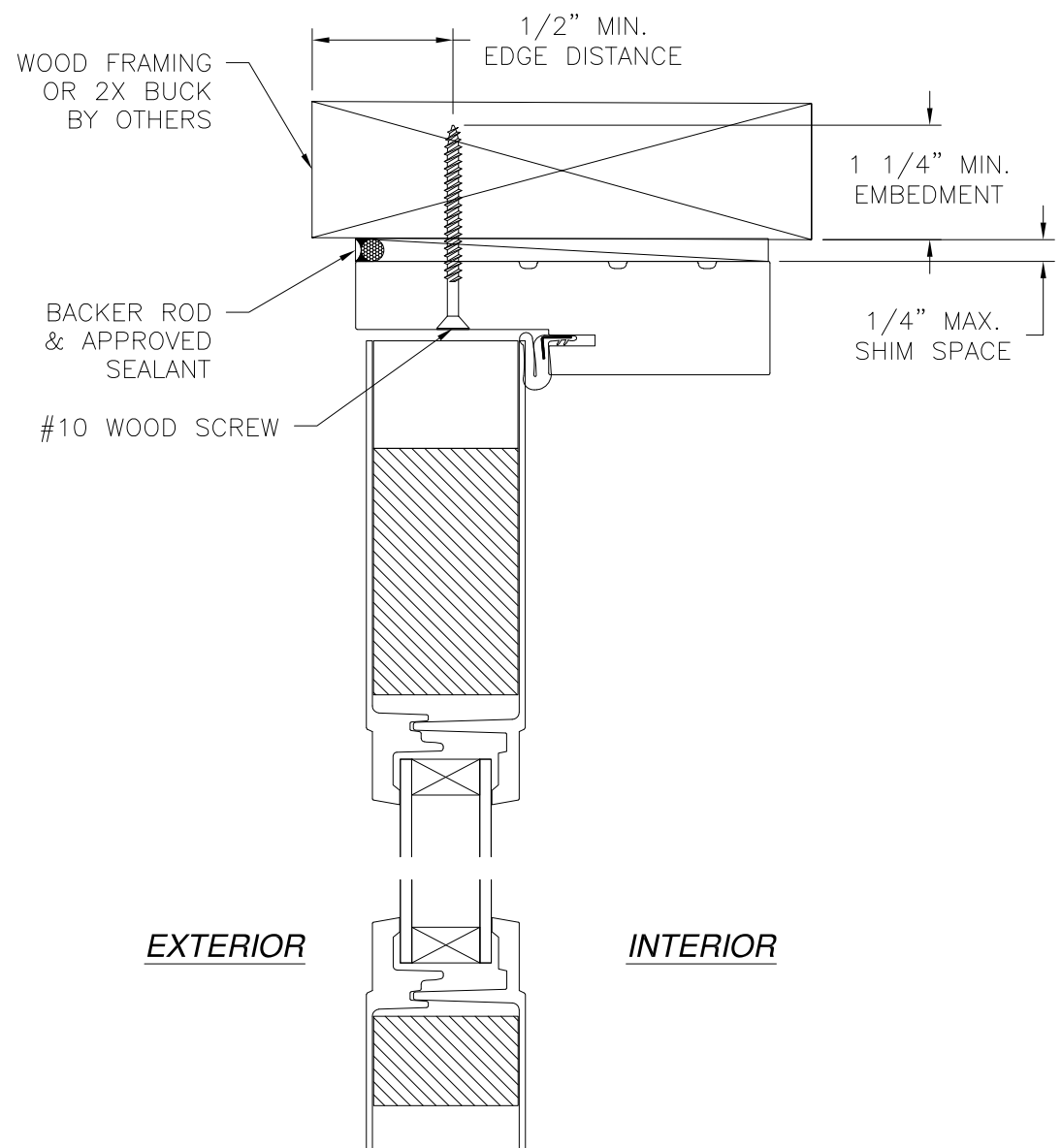
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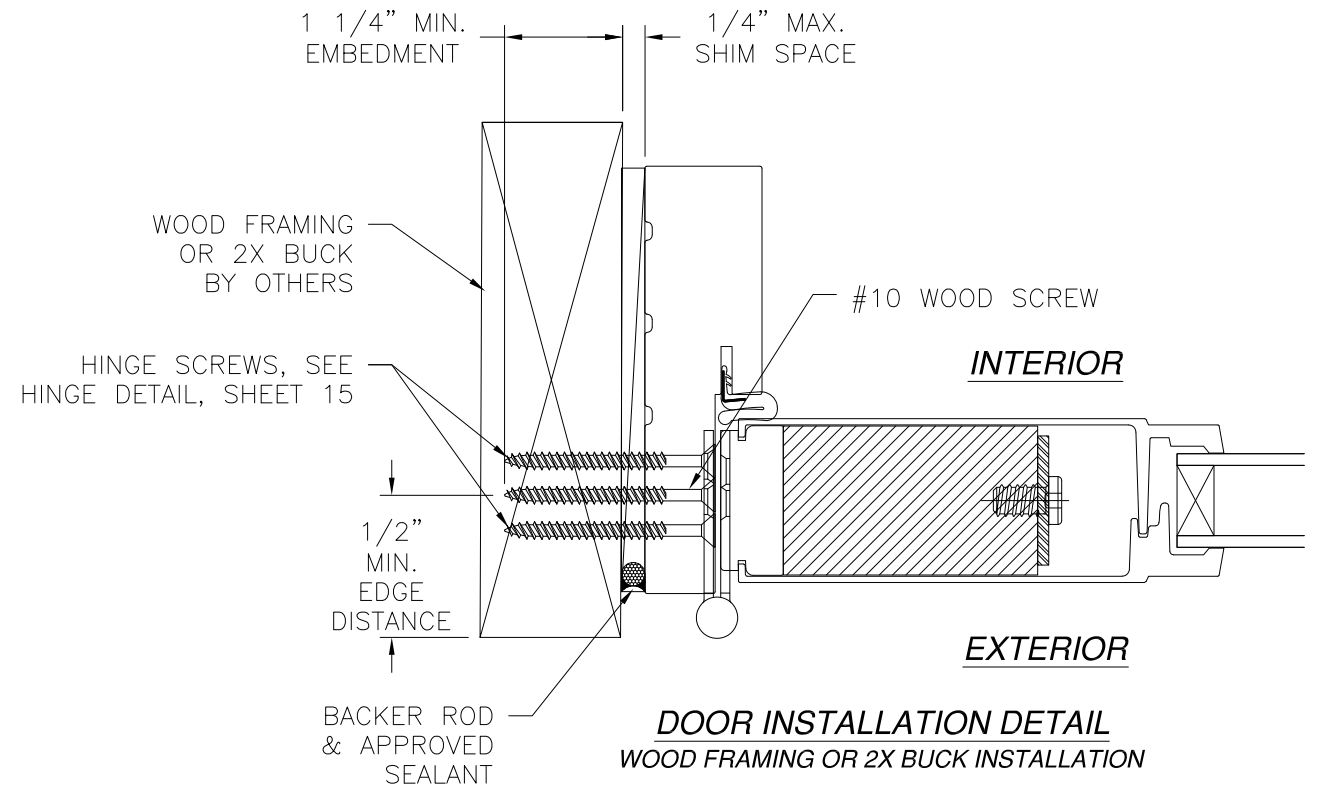


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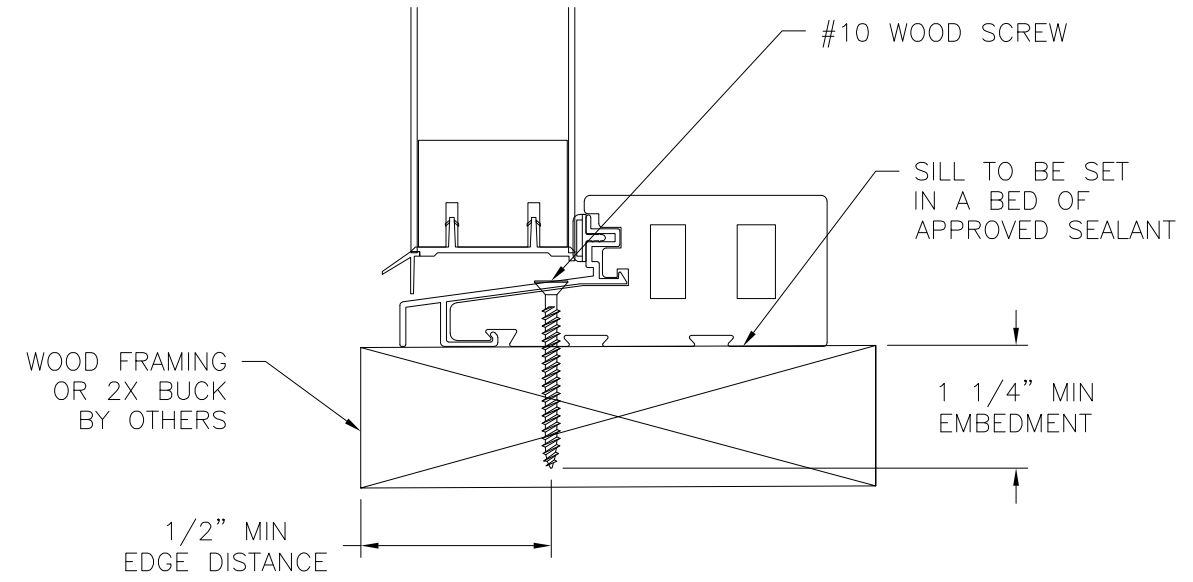


EXTERIOR **INTERIOR**



DOOR 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**



DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION

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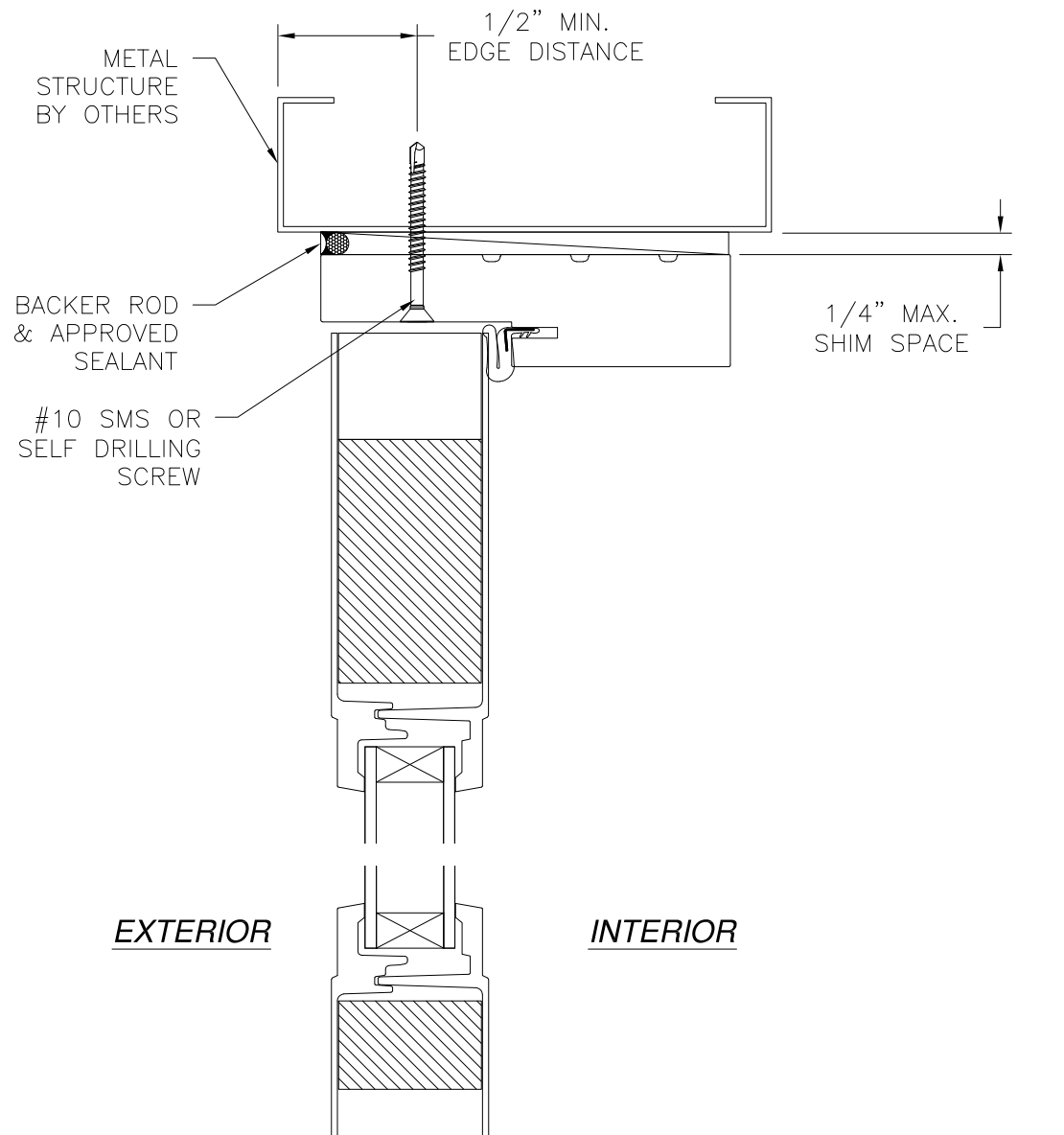
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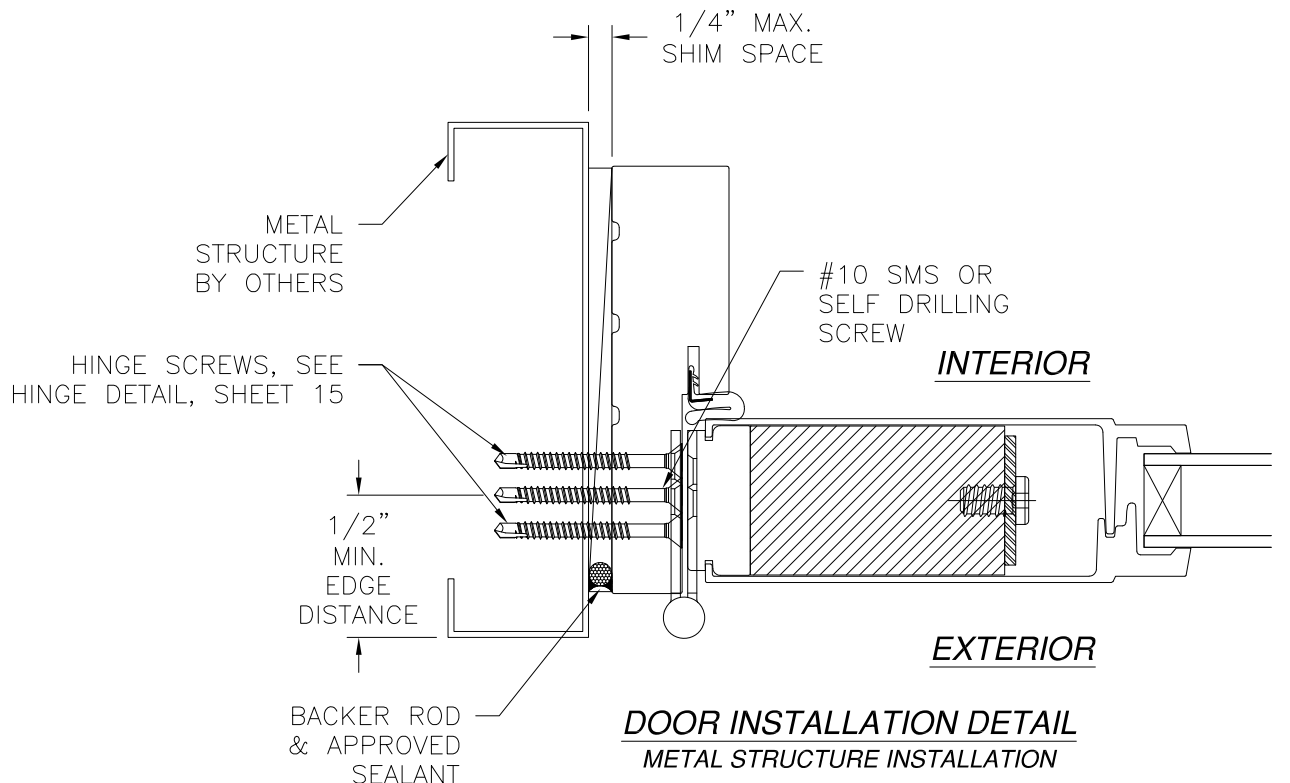
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EXTERIOR

INTERIOR

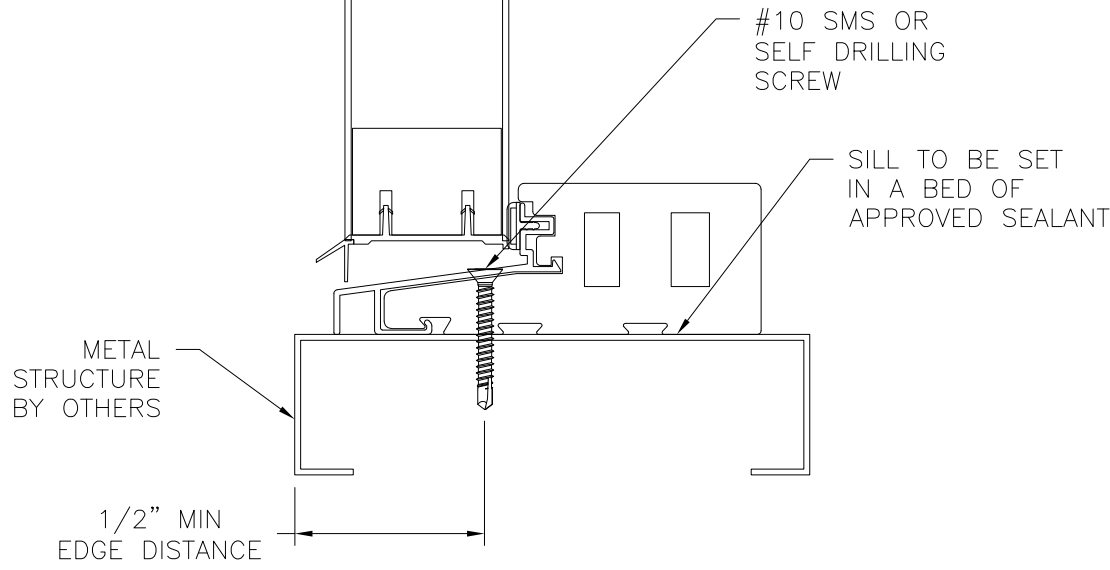
DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



INTERIOR

EXTERIOR

DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



1/2" MIN
EDGE DISTANCE

DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

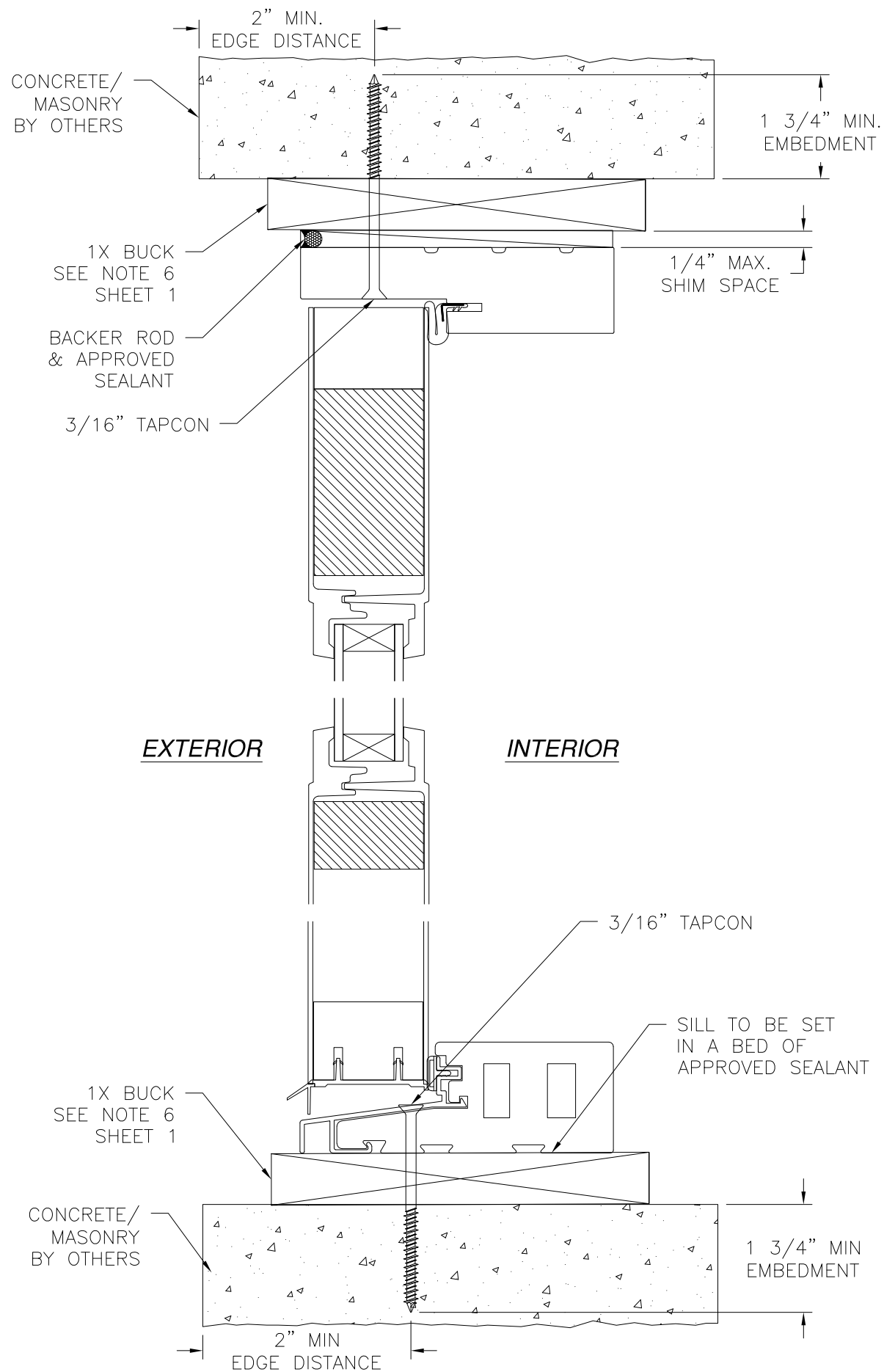
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<p>SCALE NTS</p>	<p>DATE 09/27/18</p>	<p>SHEET 8 OF 17</p>
<p>L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com</p>		

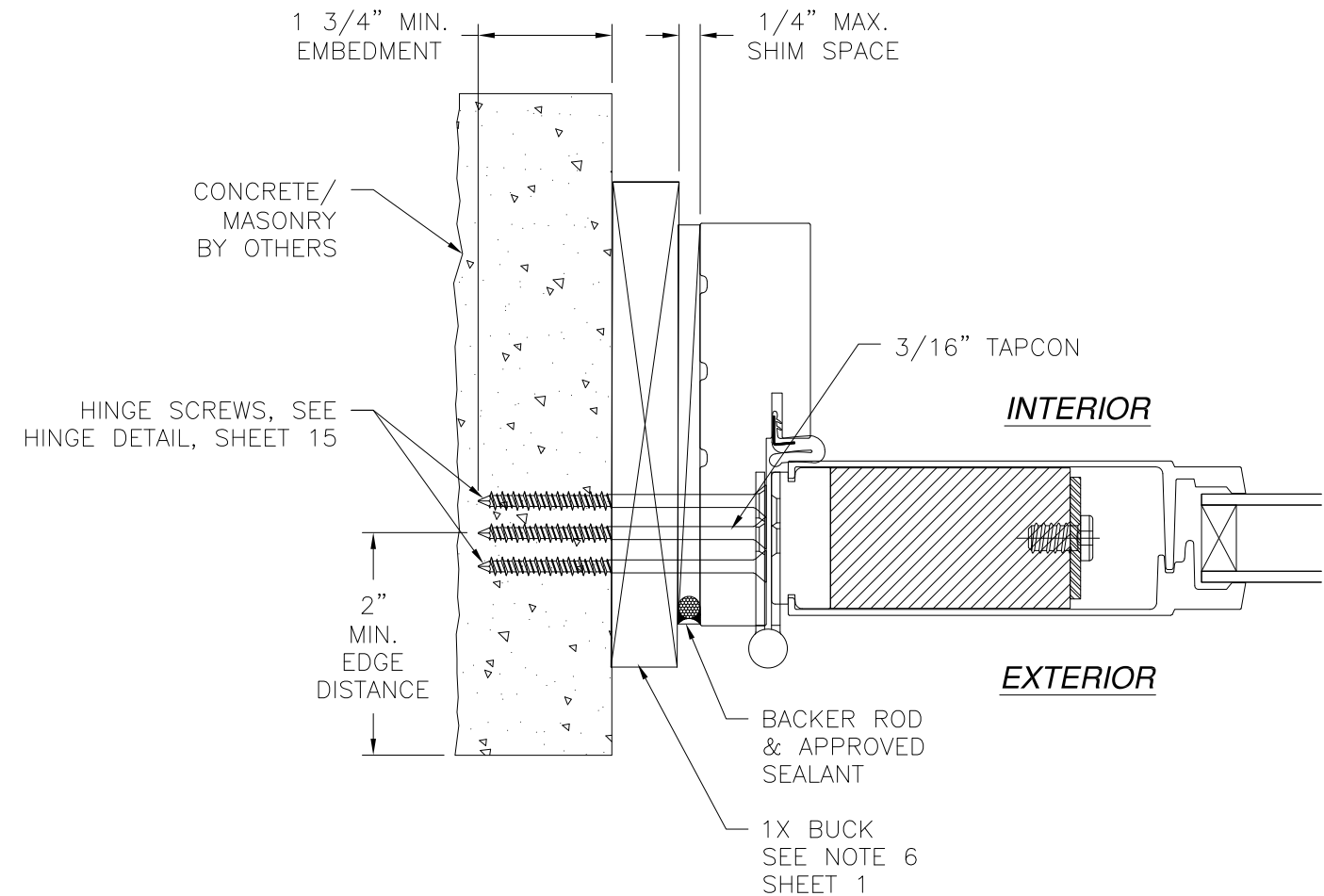


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DOOR INSTALLATION DETAIL
CONCRETE/MASONRY W/1X BUCK INSTALLATION

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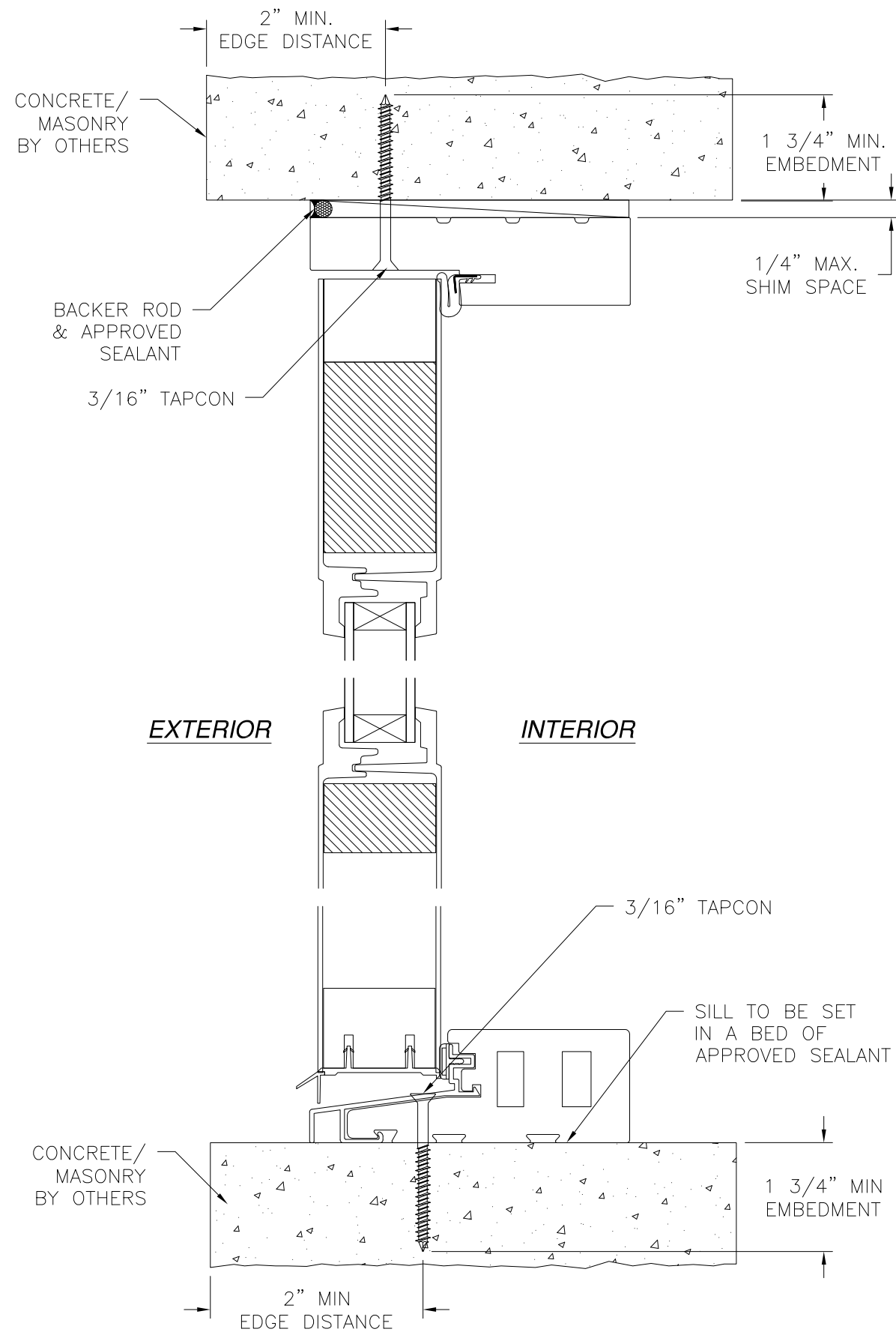
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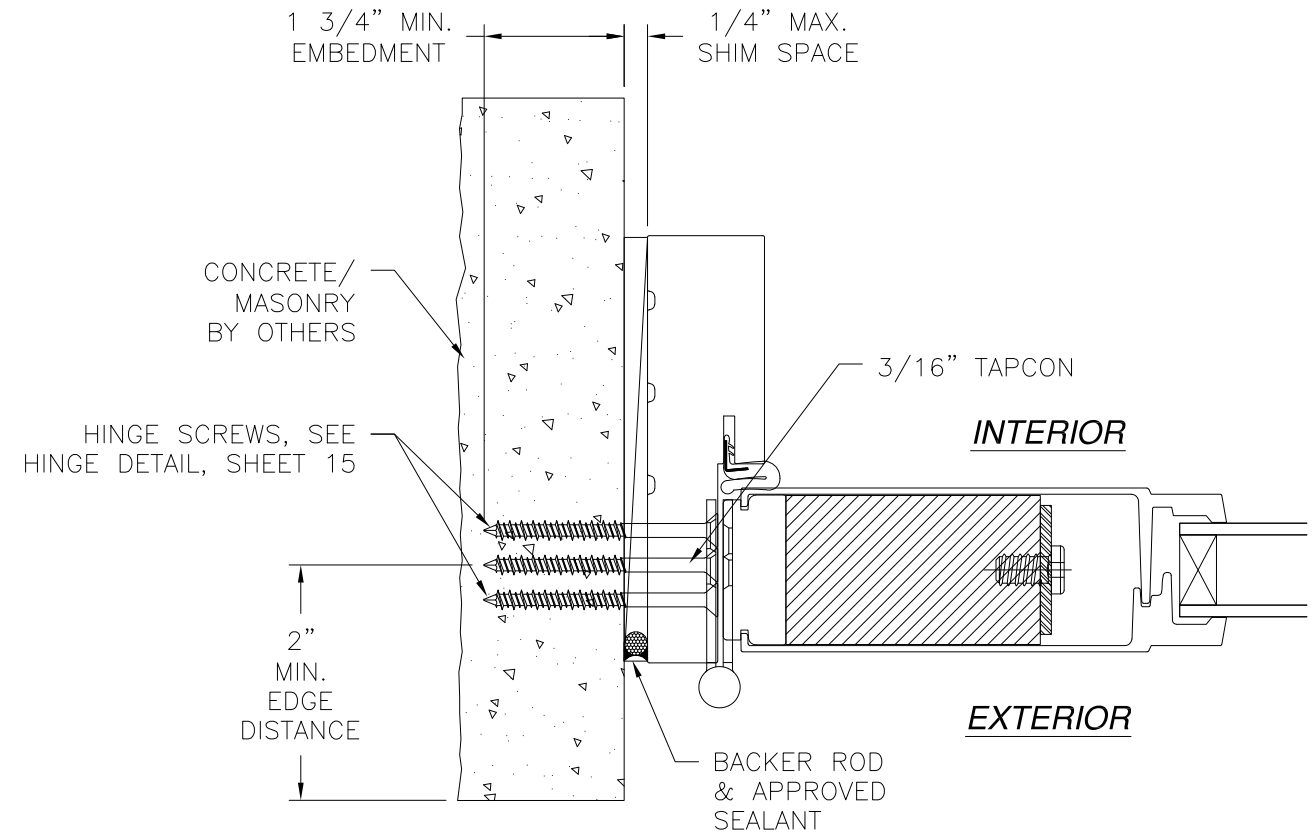


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B	REVISED TO ADD INSTALLATION DETAILS	03/14/2022	R.L.



DOOR INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION



DOOR INSTALLATION DETAIL
CONCRETE/MASONRY 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

SIGNED: 03/25/2022

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING
SIDE-HINGED DOOR W/SIDELITES NON-IMPACT
DOOR INSTALLATION DETAILS

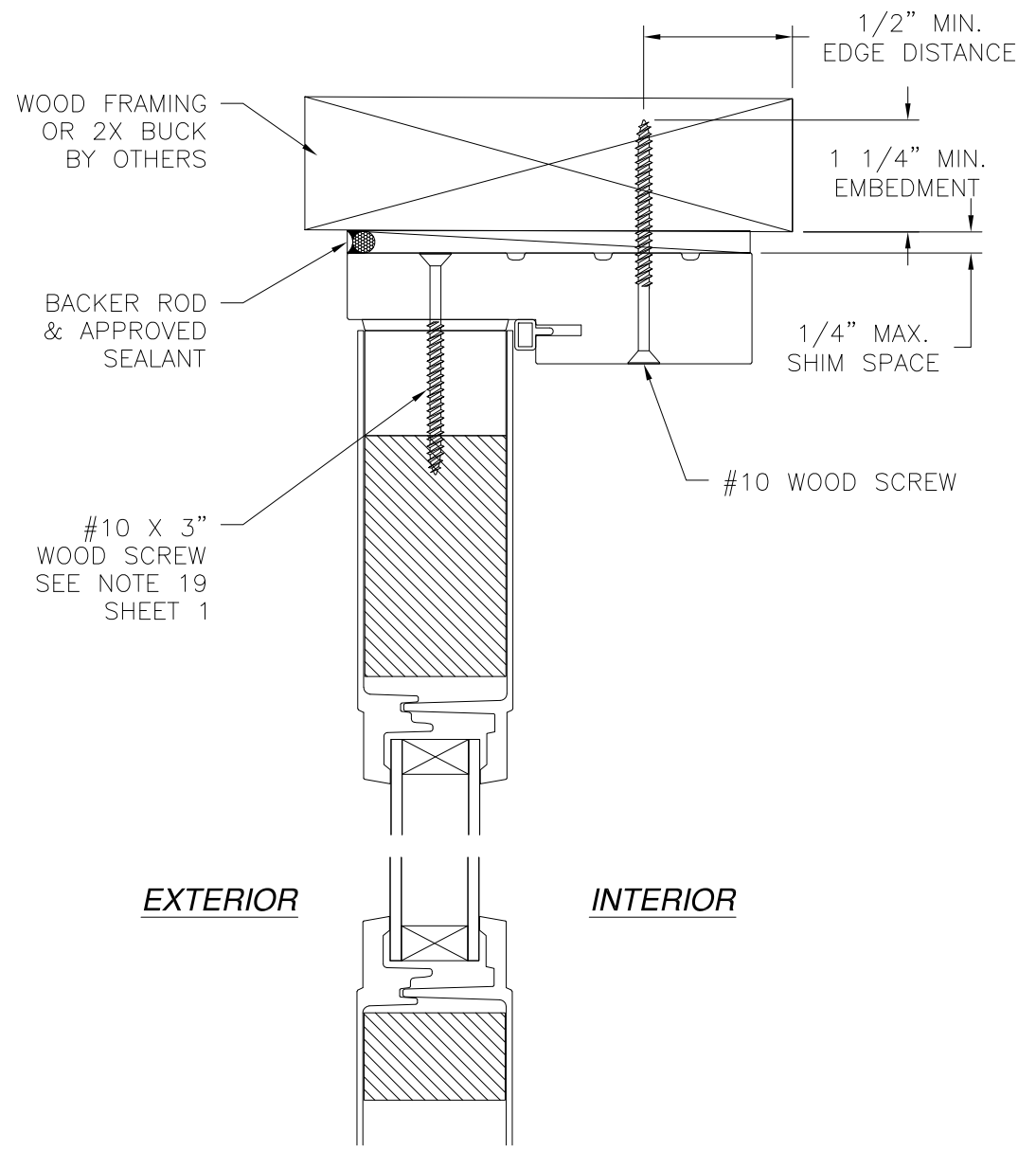
DRAWN: A.R.	DWG NO. 08-03311	REV B
SCALE NTS	DATE 09/27/18	SHEET 10 OF 17

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

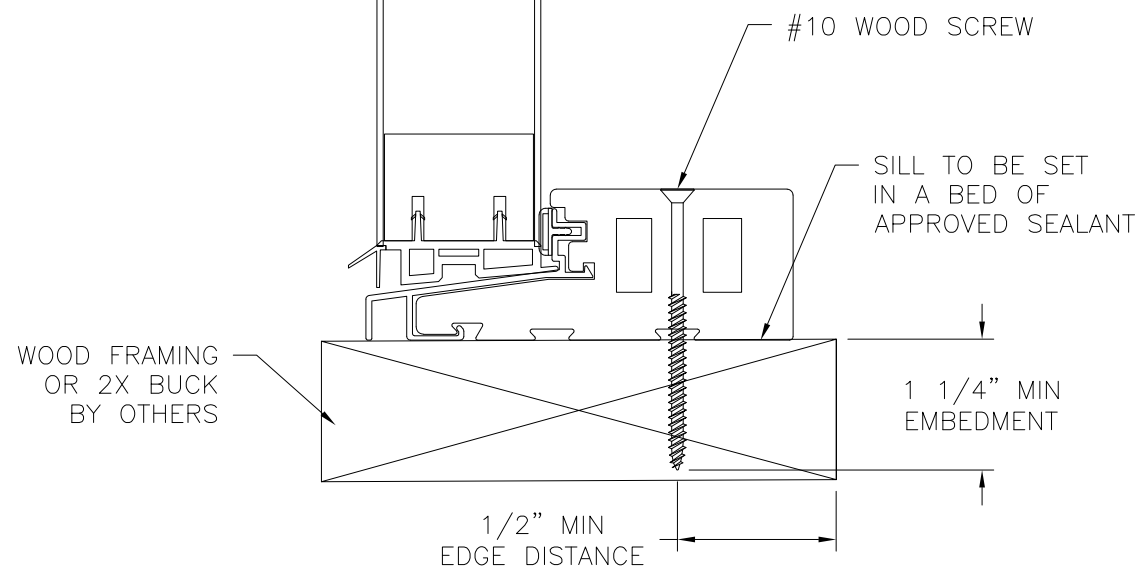


Luis R. Lomas P.E.
TX No.: 101889
Firm No: F-23130

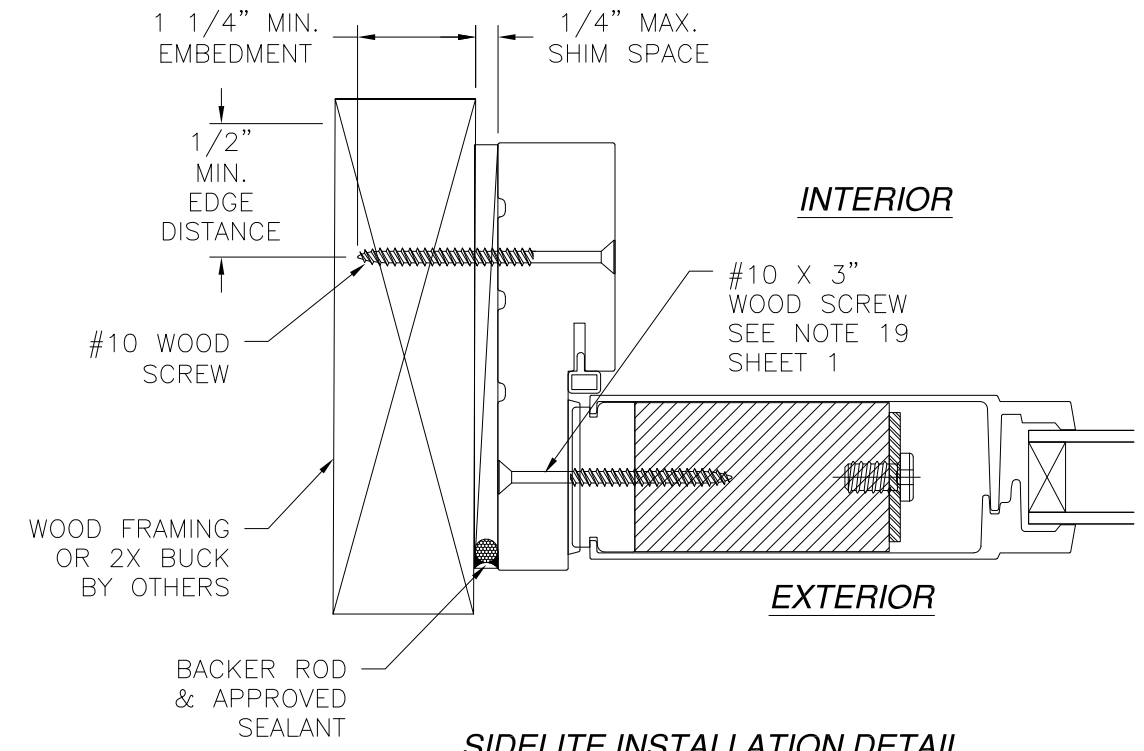
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
B	REVISED TO ADD INSTALLATION DETAILS	03/14/2022	R.L.



EXTERIOR **INTERIOR**



SIDELITE DOOR INSTALLATION DETAIL
2X BUCK/WOOD FRAMING INSTALLATION



SIDELITE 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**

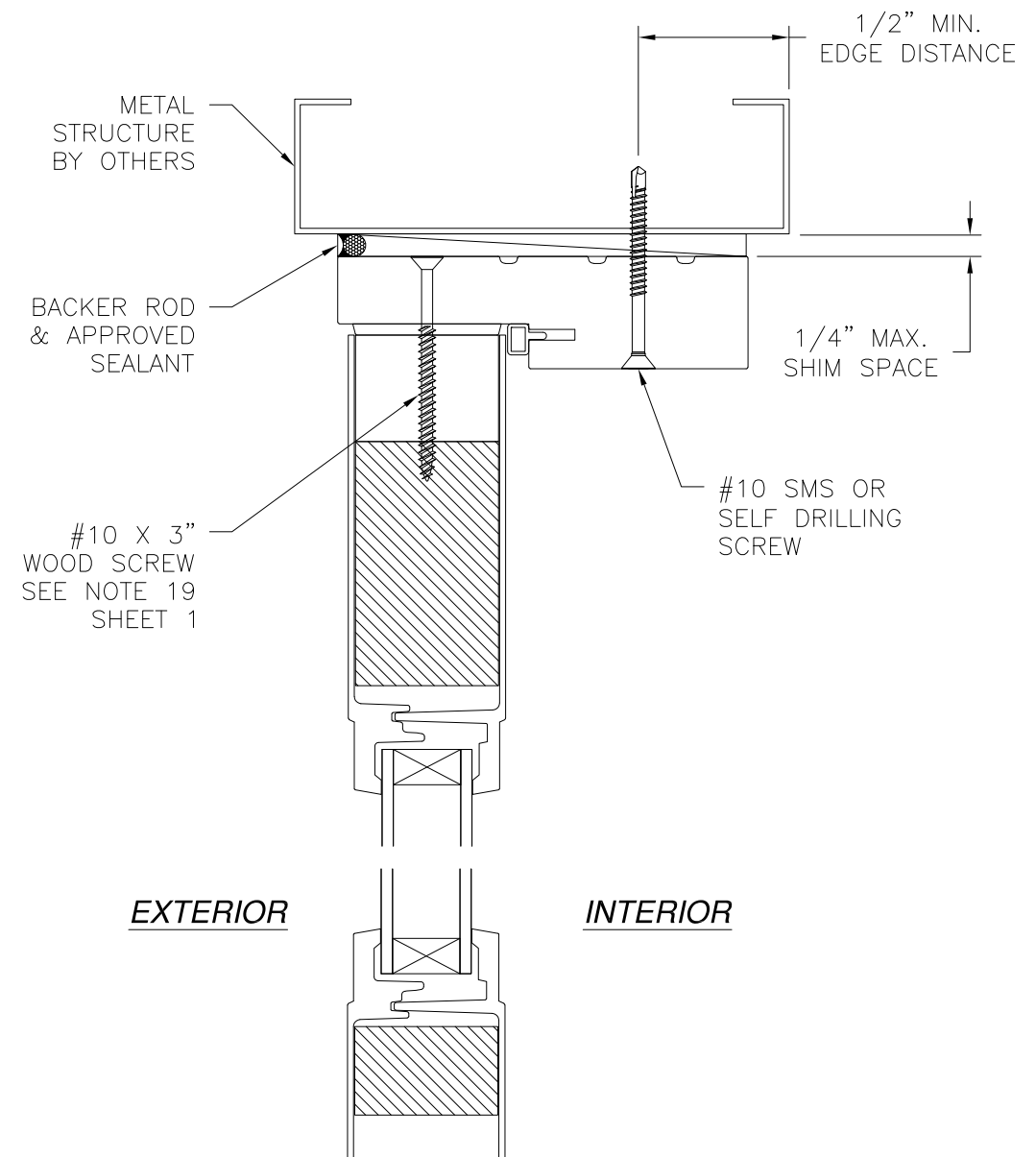
SIGNED: 03/25/2022

<p>NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029</p>		
<p>SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING SIDE-HINGED DOOR W/SIDELITES NON-IMPACT SIDELITE INSTALLATION DETAILS</p>		
<p>DRAWN: A.R.</p>	<p>DWG NO. 08-03311</p>	<p>REV B</p>
<p>SCALE NTS</p>	<p>DATE 09/27/18</p>	<p>SHEET 11 OF 17</p>
<p>L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com</p>		

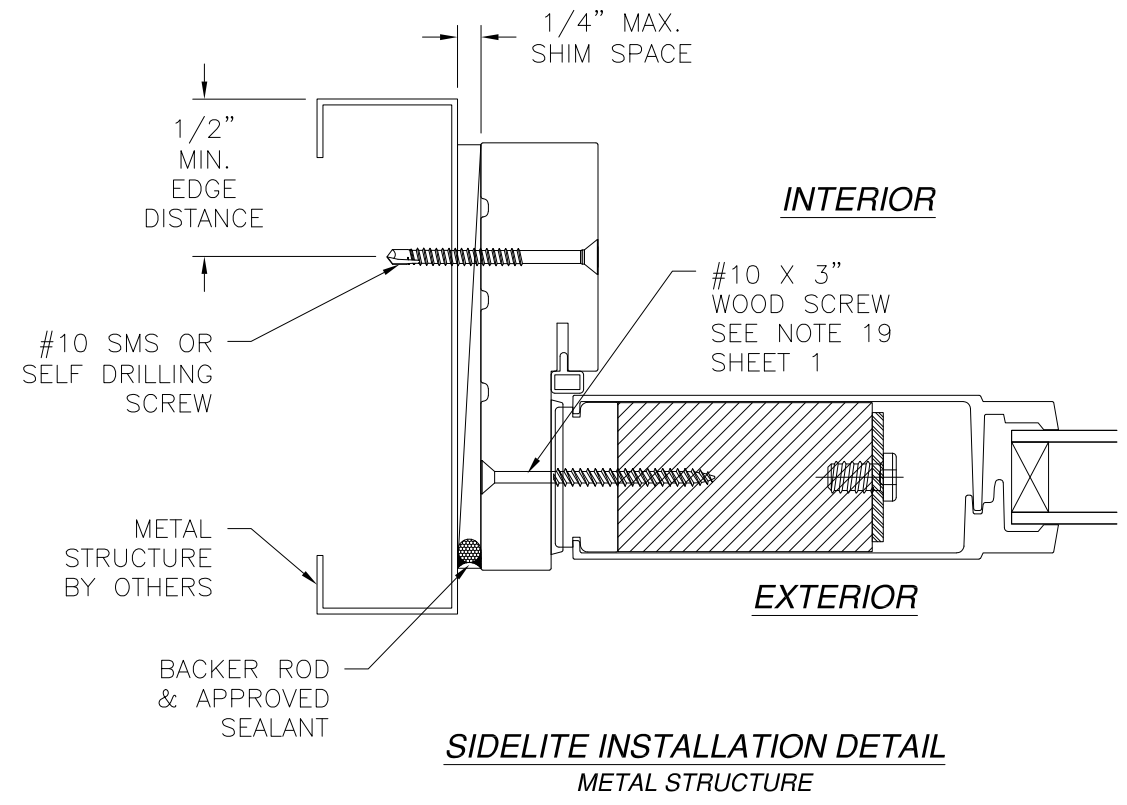


Luis R. Lomas P.E.
TX No.: 101889
Firm No: F-23130

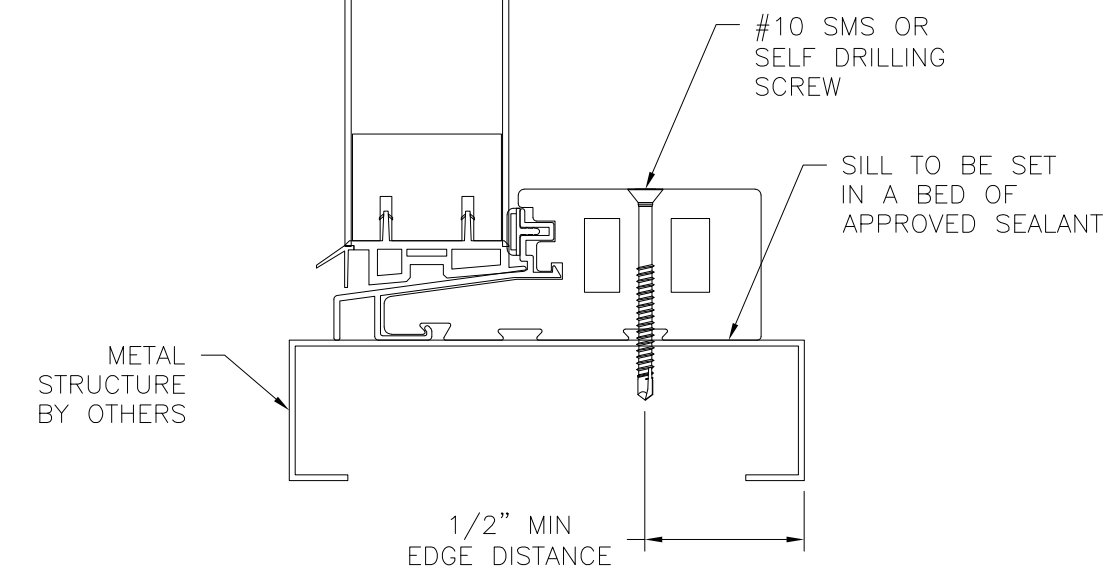
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
B	REVISED TO ADD INSTALLATION DETAILS	03/14/2022	R.L.



EXTERIOR INTERIOR



SIDELITE INSTALLATION DETAIL
METAL STRUCTURE



SIDELITE DOOR INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

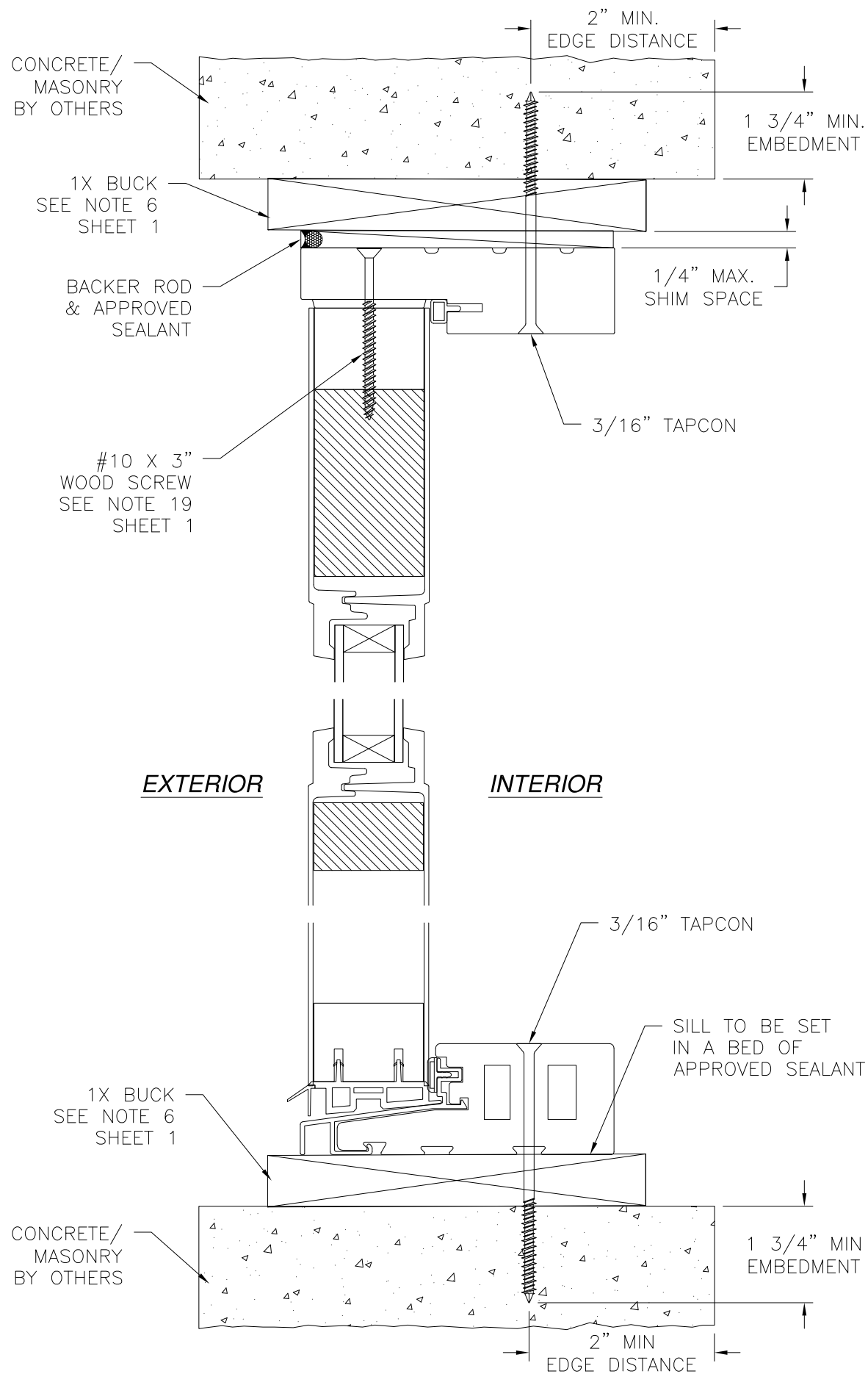
- NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 03/25/2022

<p>NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029</p>		
<p>SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING SIDE-HINGED DOOR W/SIDELITES NON-IMPACT SIDELITE INSTALLATION DETAILS</p>		
<p>DRAWN: A.R.</p>	<p>DWG NO. 08-03311</p>	<p>REV B</p>
<p>SCALE NTS</p>	<p>DATE 09/27/18</p>	<p>SHEET 12 OF 17</p>
<p>L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com</p>		

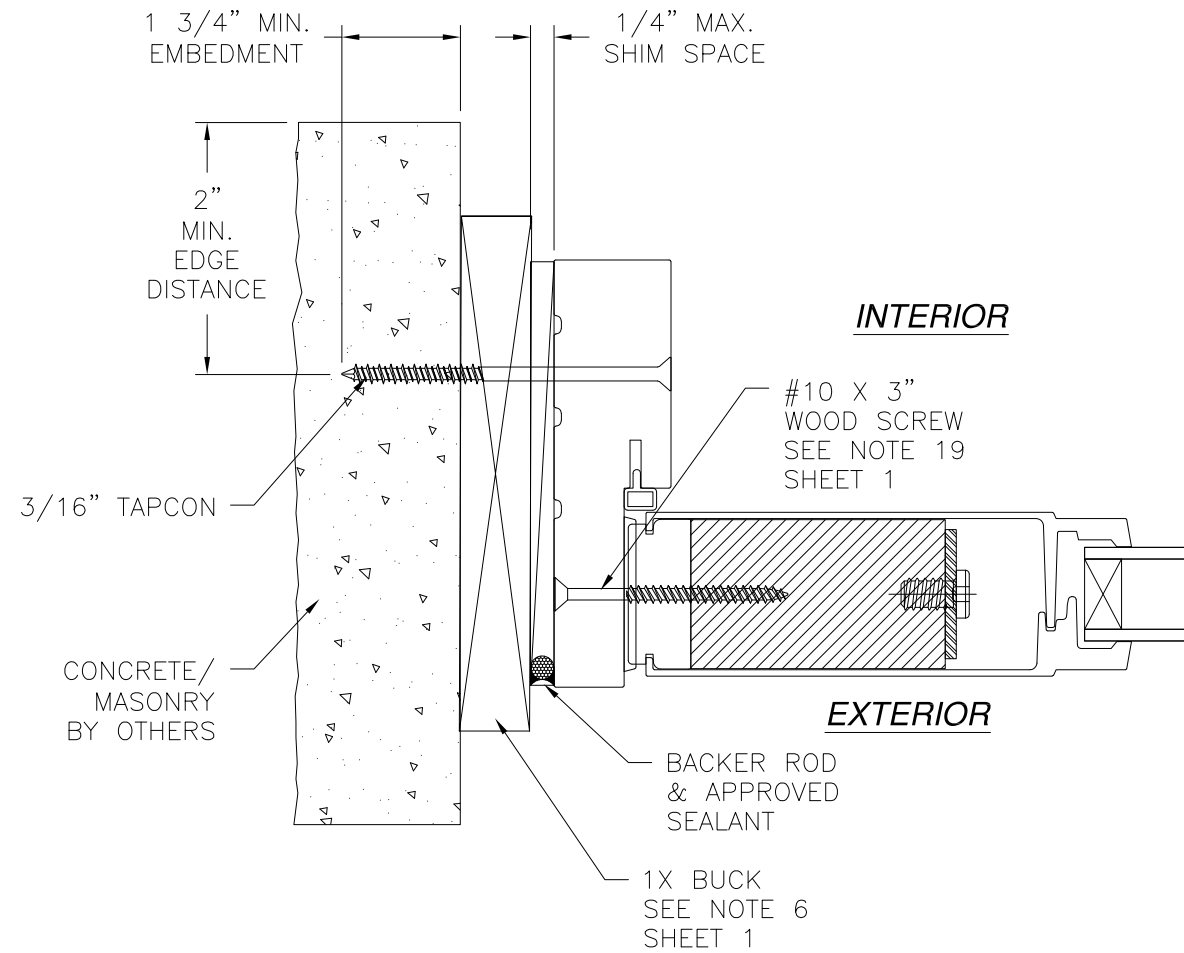


Luis R. Lomas P.E.
TX No.: 101889
Firm No: F-23130



SIDELITE DOOR INSTALLATION DETAIL
 CONCRETE/MASONRY W/1X BUCK INSTALLATION

REVISIONS			
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SIDELITE INSTALLATION DETAIL
 CONCRETE/MASONRY W/1X BUCK INSTALLATION

NOTES:

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SIGNED: 03/25/2022

NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING
 SIDE-HINGED DOOR W/SIDELITES NON-IMPACT
 SIDELITE INSTALLATION DETAILS

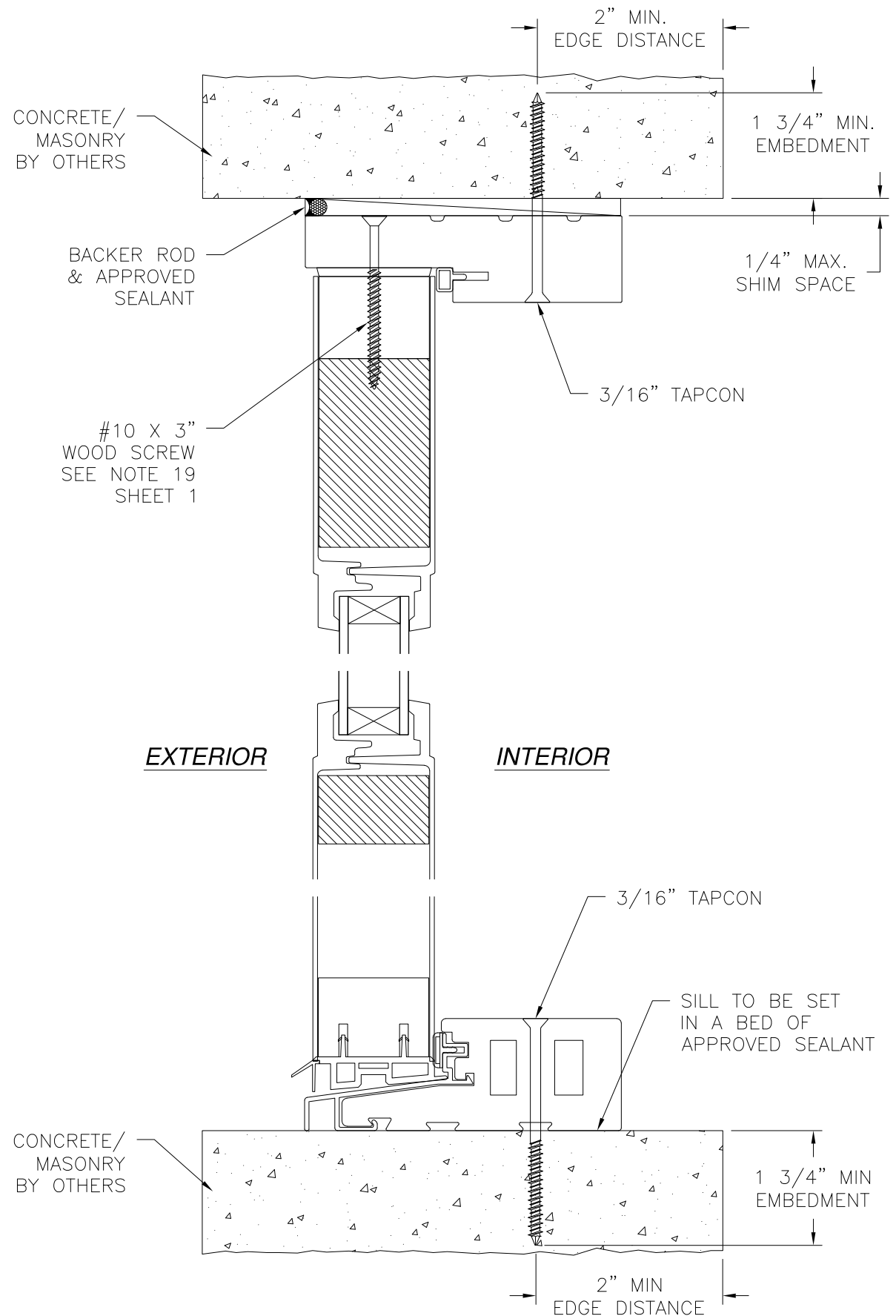
DRAWN: A.R.	DWG NO. 08-03311	REV B
SCALE NTS	DATE 09/27/18	SHEET 13 OF 17

L. ROBERTO LOMAS P.E.
 400 S. PALM AVE, INDIALANTIC, FL 32903
 434-688-0609 rllomas@rlomaspe.com

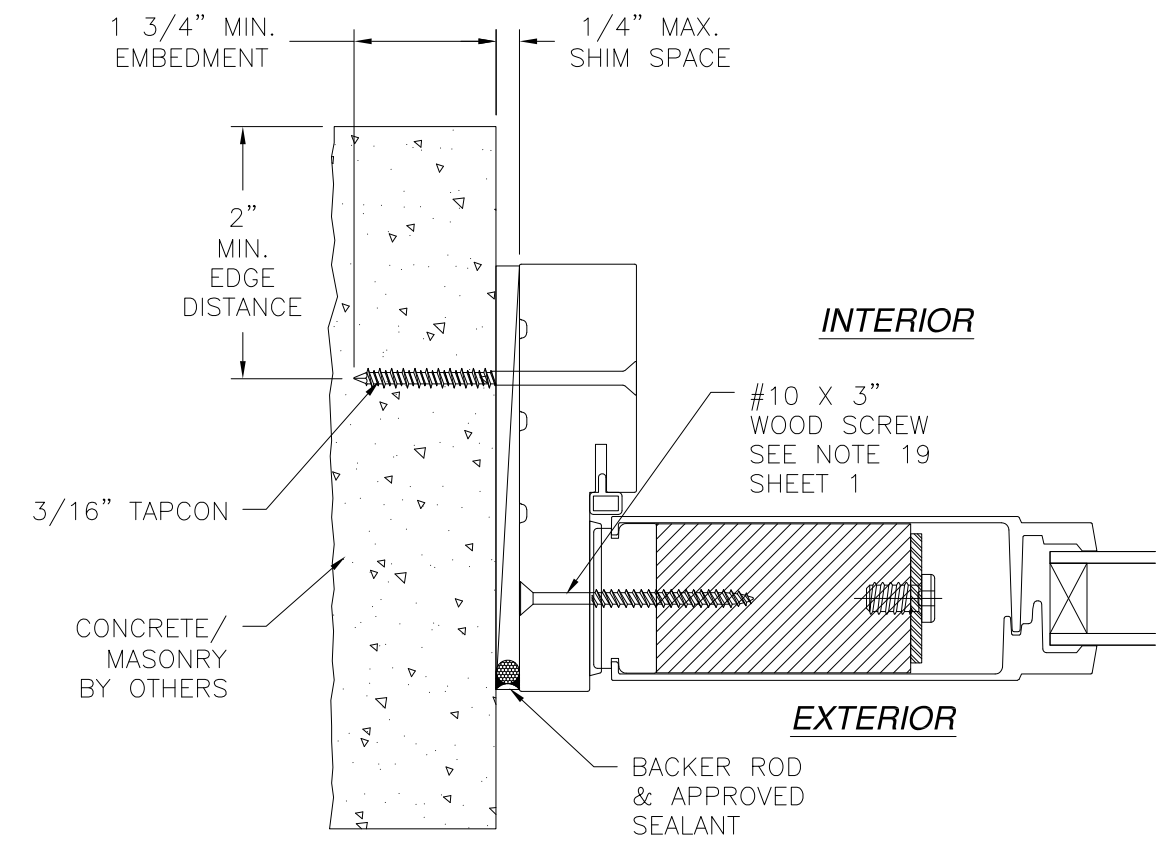


Luis R. Lomas P.E.
 TX No.: 101889
 Firm No: F-23130

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
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SIDELITE DOOR INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION



SIDELITE INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

- NOTES:**
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SIGNED: 03/25/2022

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8989 NORTH LOOP EAST
HOUSTON, TX 77029

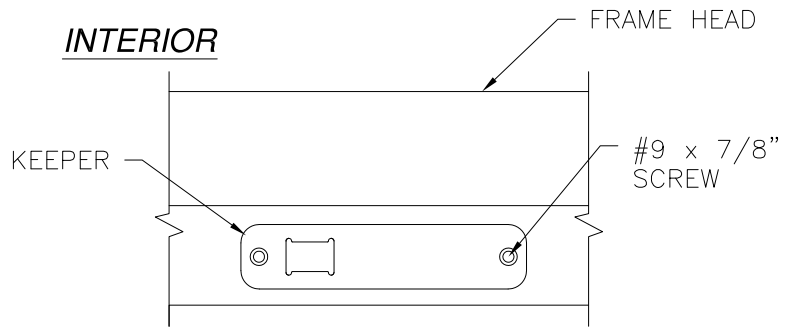
SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING
SIDE-HINGED DOOR W/SIDELITES NON-IMPACT
SIDELITE INSTALLATION DETAILS

DRAWN: A.R.	DWG NO. 08-03311	REV B
SCALE NTS	DATE 09/27/18	SHEET 14 OF 17

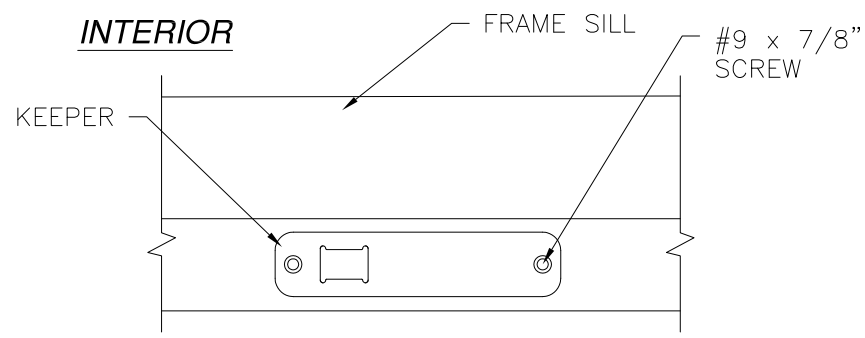
L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com



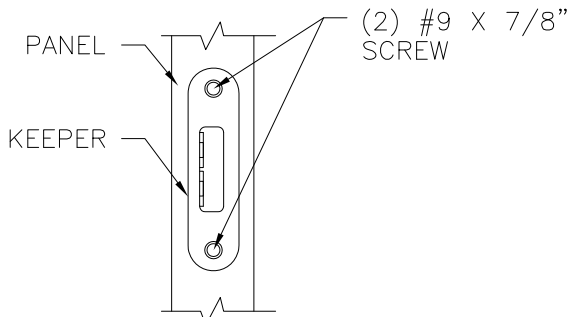
Luis R. Lomas P.E.
TX No.: 101889
Firm No: F-23130



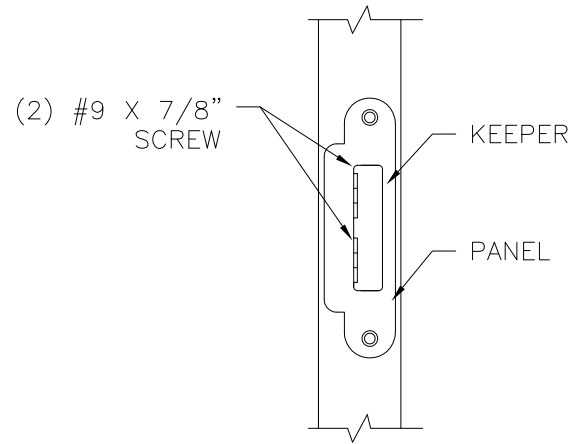
EXTERIOR
HEAD KEEPER DETAIL



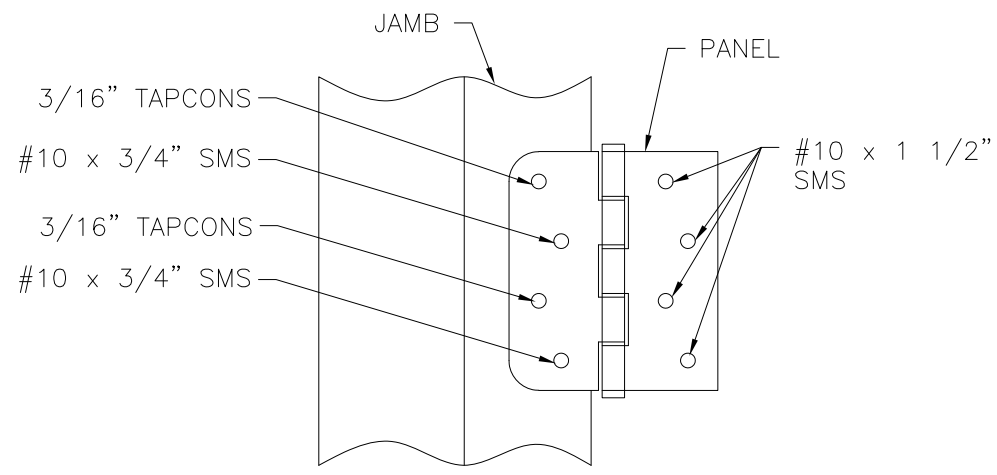
EXTERIOR
SILL KEEPER DETAIL



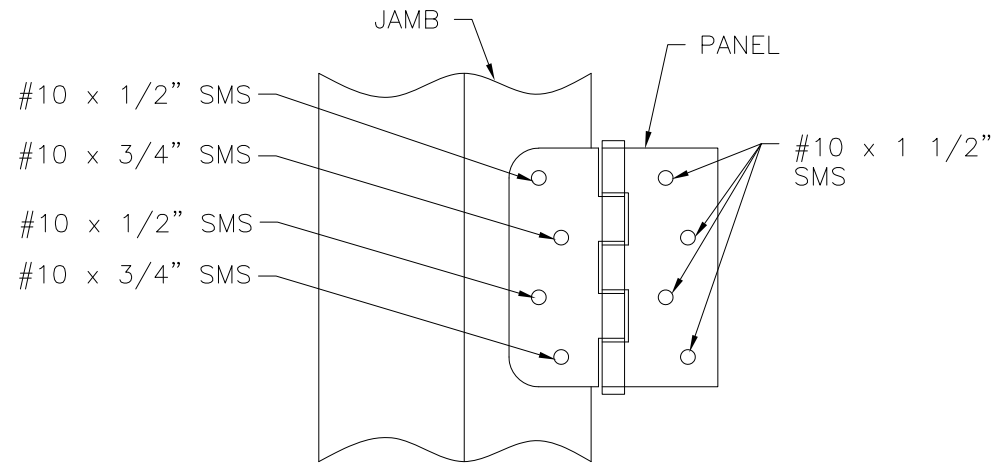
HOOK KEEPER DETAIL



SLAB MULTI-POINT LOCK KEEPER DETAIL

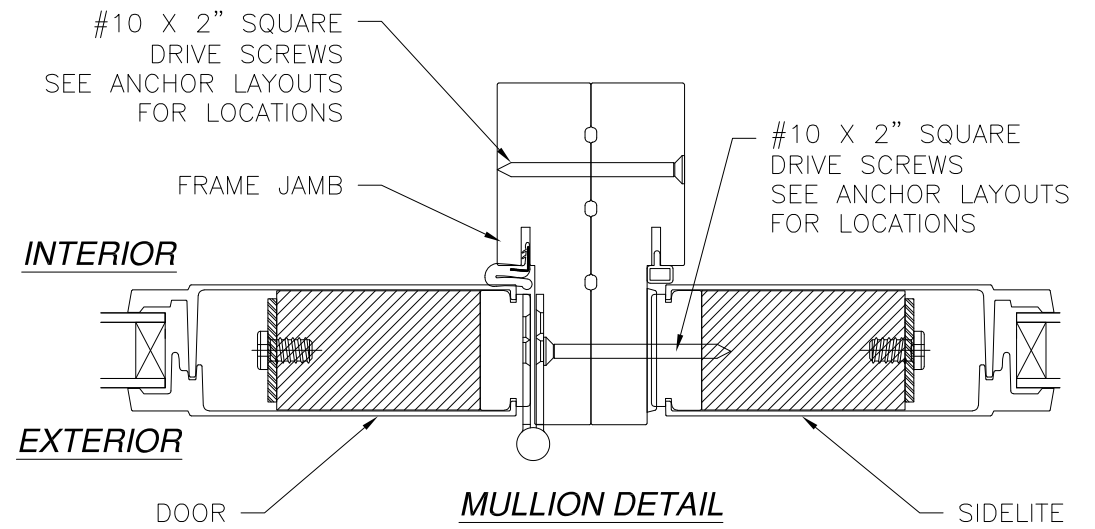


HINGE INSTALLATION DETAIL
MASONRY/CONCRETE INSTALLATION

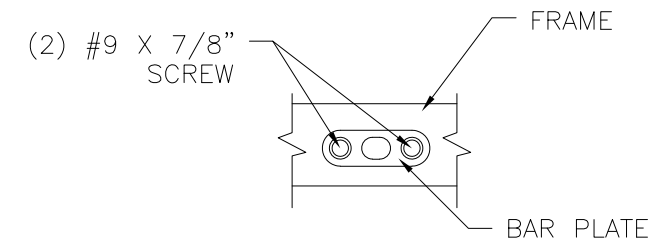


HINGE INSTALLATION DETAIL
WOOD AND METAL INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
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MULLION DETAIL
DOOR ANCHORS SCREWS NOT SHOWN FOR CLARITY



DRIVE BAR PLATE DETAIL

SIGNED: 03/25/2022

NAN YA PLASTICS CORPORATION U.S.A.
 8989 NORTH LOOP EAST
 HOUSTON, TX 77029

SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING SIDE-HINGED DOOR W/SIDELITES NON-IMPACT INSTALLATION DETAILS & COMPONENTS

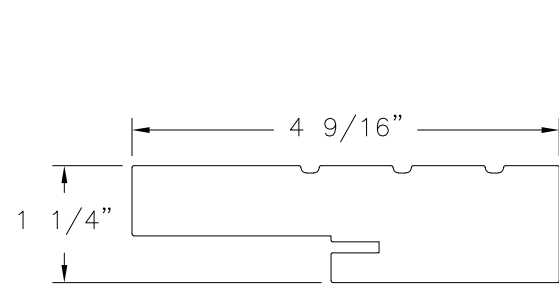
DRAWN: A.R.	DWG NO. 08-03311	REV B
SCALE NTS	DATE 09/27/18	SHEET 15 OF 17

L. ROBERTO LOMAS P.E.
 400 S. PALM AVE, INDIALANTIC, FL 32903
 434-688-0609 rllomas@rlomaspe.com

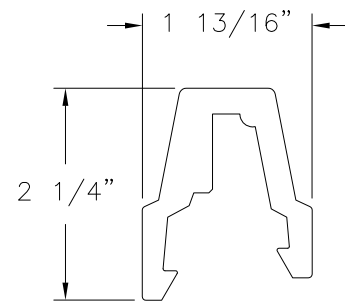


Luis R. Lomas P.E.
 TX No.: 101889
 Firm No: F-23130

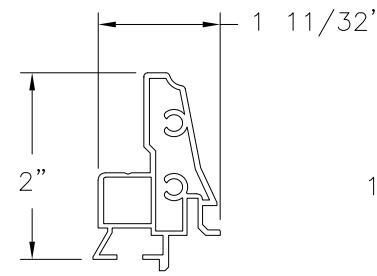
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
B	REVISED TO ADD INSTALLATION DETAILS	03/14/2022	R.L.



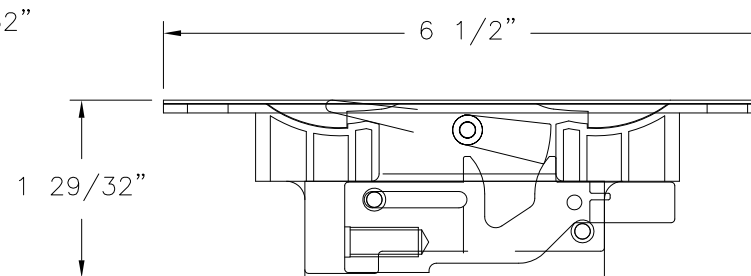
HEAD FRAME & JAMB
FOAM PVC CO-EX



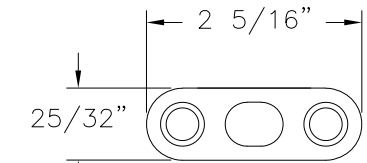
MULLION COVER (B)
FOAM PVC



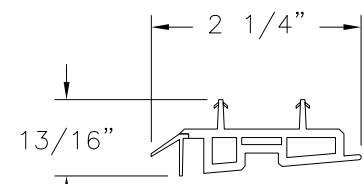
REINFORCEMENT (B)
ALUMINUM



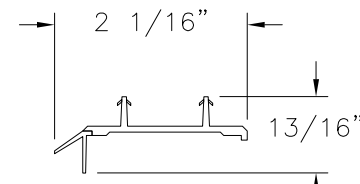
FLUSH BOLT MECHANISM
DIE CAST, STEEL, POM (SS93X)
BY JAM YUAN ENTERPRISES CO., LTD



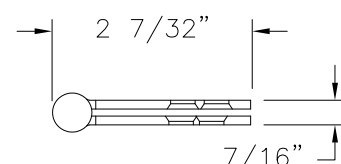
DRIVE BAR PLATE
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD.



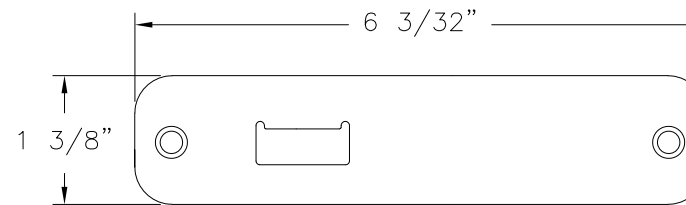
DOOR BOTTOM-B
PVC CO-EX



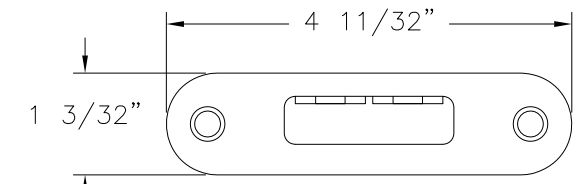
DOOR BOTTOM-A
PVC CO-EX



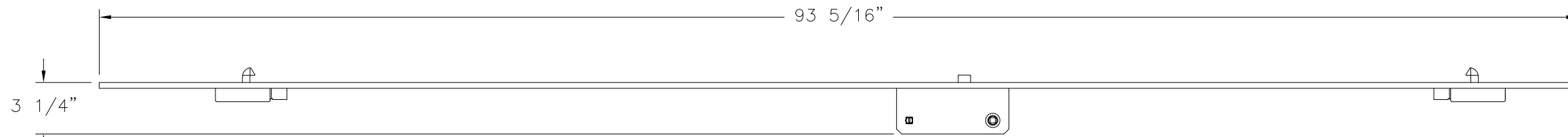
4" X 4" DOOR HINGE
STEEL



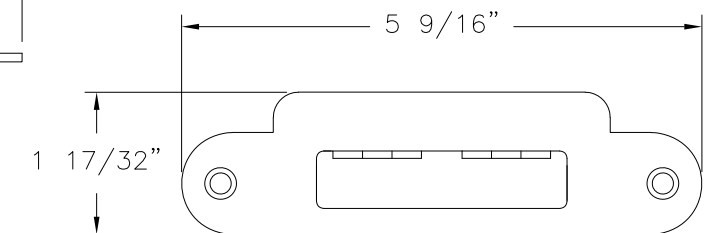
TOP/BOTTOM BAR KEEPER
STAINLESS STEEL (SS92H)
BY JAM YUAN ENTERPRISES CO., LTD.



HOOK KEEPER
STAINLESS STEEL (SS92G)
BY JAM YUAN ENTERPRISES CO., LTD



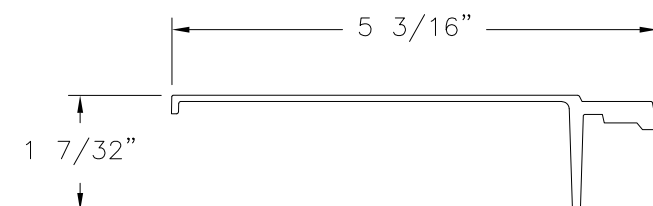
MULTI-POINT LOCKING SYSTEM
STAINLESS STEEL (SS930)
BY JAM YUAN ENTERPRISES CO., LTD.



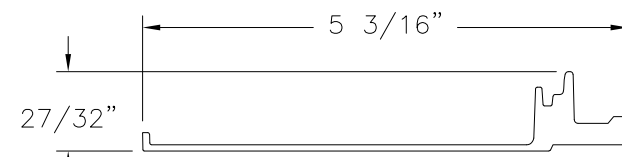
SLAB MULTI-POINT LOCK KEEPER
STEEL BY JAM YUAN ENTERPRISES CO., LTD.



FLUSH BOLT BAR
STAINLESS STEEL (SS93B)
BY JAM YUAN ENTERPRISES CO., LTD



SHEET MOLDING COMPOUND SKIN-1
FIBERGLASS



SHEET MOLDING COMPOUND SKIN-2
FIBERGLASS

SIGNED: 03/25/2022

NAN YA PLASTICS CORPORATION U.S.A.
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING
SIDE-HINGED DOOR W/SIDELITES NON-IMPACT
COMPONENTS

DRAWN: A.R. DWG NO. 08-03311 REV B

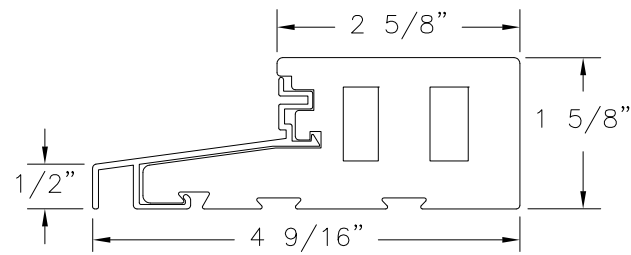
SCALE NTS DATE 09/27/18 SHEET 16 OF 17

L. ROBERTO LOMAS P.E.
400 S. PALM AVE, INDIALANTIC, FL 32903
434-688-0609 rllomas@rlomaspe.com

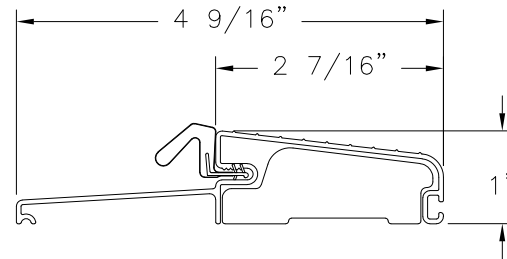


Luis R. Lomas P.E.
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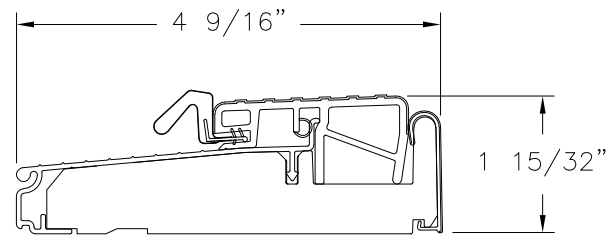
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED TO ADD 3/4 LITE PANEL	02/10/2021	R.L.
B	REVISED TO ADD INSTALLATION DETAILS	03/14/2022	R.L.



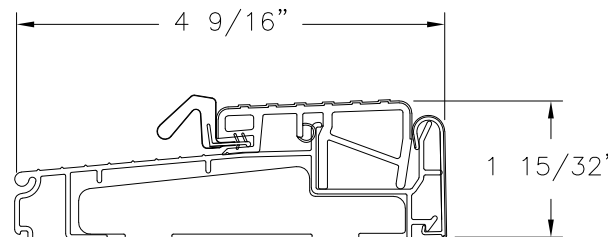
OUTSWING DOOR SILL DETAIL



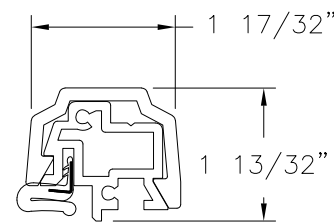
**OUTSWING THRESHOLD FOB4565
ALTERNATE**



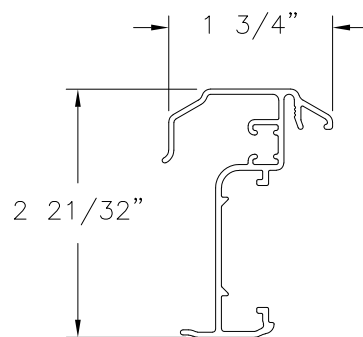
**OUTSWING THRESHOLD ZOB4565FN
ALTERNATE**



**OUTSWING THRESHOLD ZOBL4565
ALTERNATE**



**T-ASTRAGAL
RIGID PVC**



**ULTIMATE PUSH BUTTON
ASTRAGAL
ALTERNATE**

SIGNED: 03/25/2022

NAN YA PLASTICS CORPORATION U.S.A. 8989 NORTH LOOP EAST HOUSTON, TX 77029		
SERIES "SLPS LITE" GLAZED FIBERGLASS OUTSWING SIDE-HINGED DOOR W/SIDELITES NON-IMPACT COMPONENTS		
DRAWN: A.R.	DWG NO. 08-03311	REV B
SCALE NTS	DATE 09/27/18	SHEET 17 OF 17
L. ROBERTO LOMAS P.E. 400 S. PALM AVE, INDIALANTIC, FL 32903 434-688-0609 rllomas@rlomaspe.com		



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