REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	03/09/2021	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" 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. 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 UNIT FRAME INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
8. 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: FOAM PVC CO–EX.
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 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.
15. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 1/4" 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.
16. 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.
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: HOLLOW/FILLED BLOCK PER ASTM C90 WITH Fm=2,000PSI MINIMUM.
    D. METAL STRUCTURE: STEEL 18GA (.048") FY=33KSI/FU=52KSI OR ALUMINUM 6063–T5 FU=30KSI .125" THICK MINIMUM

SIGNED: 04/21/2021

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3 – 5	INSTALLATION DETAILS
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NAN YA PLASTICS CORPORATION USA
8989 NORTH LOOP EAST
HOUSTON, TX 77029

SERIES "PRBJ" FIBERGLASS
OUTSWING FOLDING DOOR NON–IMPACT
NOTES

DRAWN:	DWG NO.	REV
A.R.	08–03237	A

SCALE	DATE	SHEET
NTS	04/10/18	1 OF 7

L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

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

REVISIONS			
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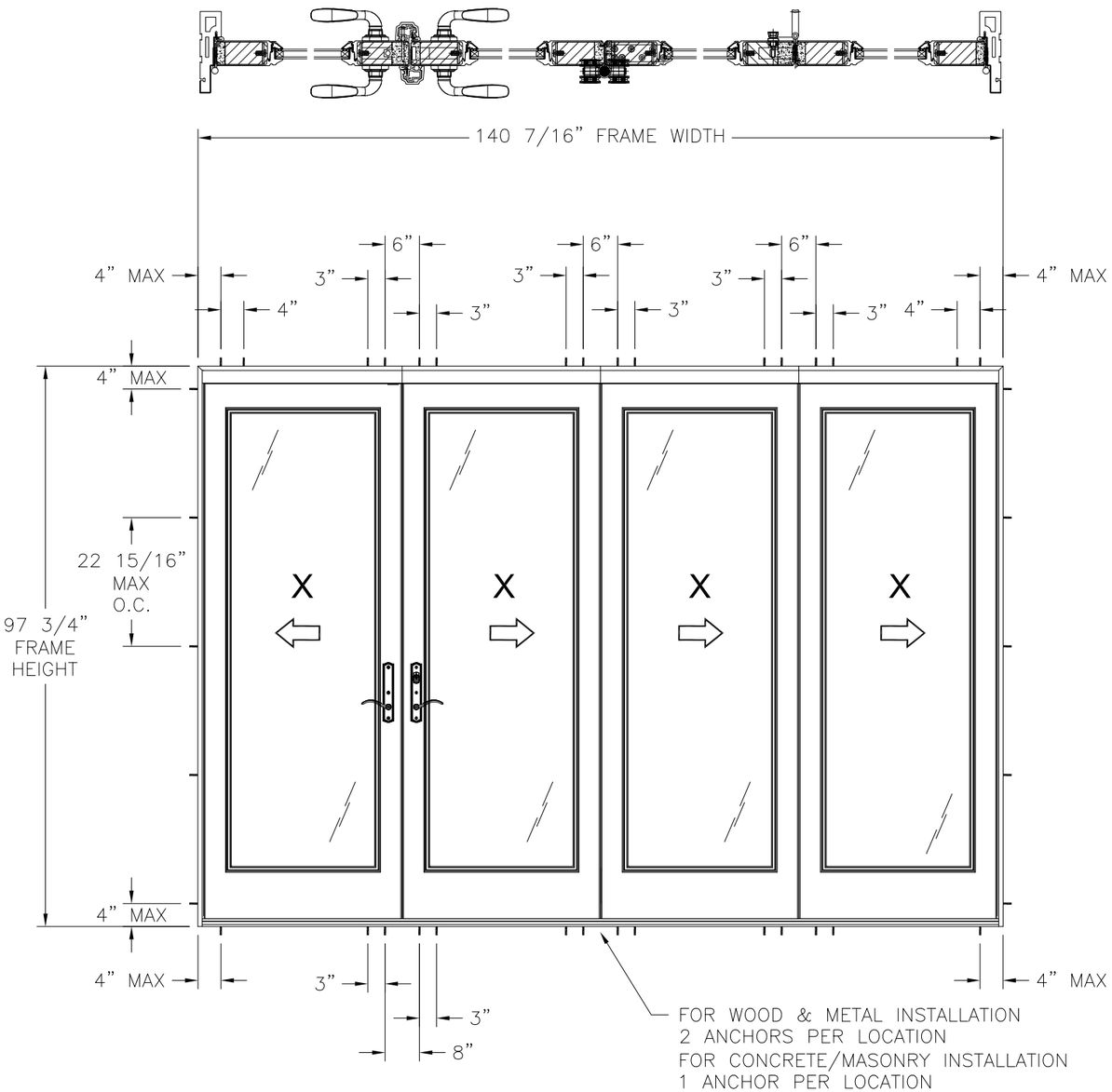
A	REVISED PER NEW REQUIREMENTS	03/09/2021	R.L.



SERIES "PRBJ" FIBERGLASS OUTSWING FOLDING DOOR

EXTERIOR VIEW

DESIGN PRESSURE RATING	*IMPACT RATING*
±60.0PSF	*NONE*

HARDWARE SCHEDULE	
A.	(1) SLAB MULTI-POINT LOCK KEEPER (STAINLESS STEEL)
B.	(1) HOOK KEEPER (STAINLESS STEEL)
C.	TOP AND BOTTOM BAR KEEPER AT FRAME HEAD AND SILL (STAINLESS STEEL)
D.	(1) DRIVE BAR PLATE (STAINLESS STEEL)
E.	(1) DRIVE BAR PLATE GASKET (TPE)
F.	TOP AND BOTTOM DRIVE BAR SYSTEM (STAINLESS STEEL, STEEL)
G.	(1) FLUSH BOLT SYSTEM (DIE CAST, STEEL)
H.	(1) STEEL 4 X 3 1/4 DOOR HINGE (A)
J.	(1) STEEL 4 X 3 1/4 DOOR HINGE (B)
K.	(1) HANDLE SET AT ACTIVE AND PASSIVE PANEL WITH ASTRAGAL
L.	WOOD REINFORCEMENT 2 5/8" (A) (WHITE PINE)
M.	WOOD REINFORCEMENT 2 1/8" (B) (WHITE PINE)
N.	WOOD REINFORCEMENT 1 3/8" (C) (WHITE PINE)
O.	STEEL REINFORCEMENT 1/8" (SPHC)
P.	SCREW 11/32" X 19/32" (NYLON 66)
Q.	T-ASTRAGAL REINFORCEMENT (ALUMINUM)

NOTES:

1. *PANEL SIZE.: 34 1/2" X 93 5/16"*
2. *D.L.O.: 25" X 79"*

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ELEVATION

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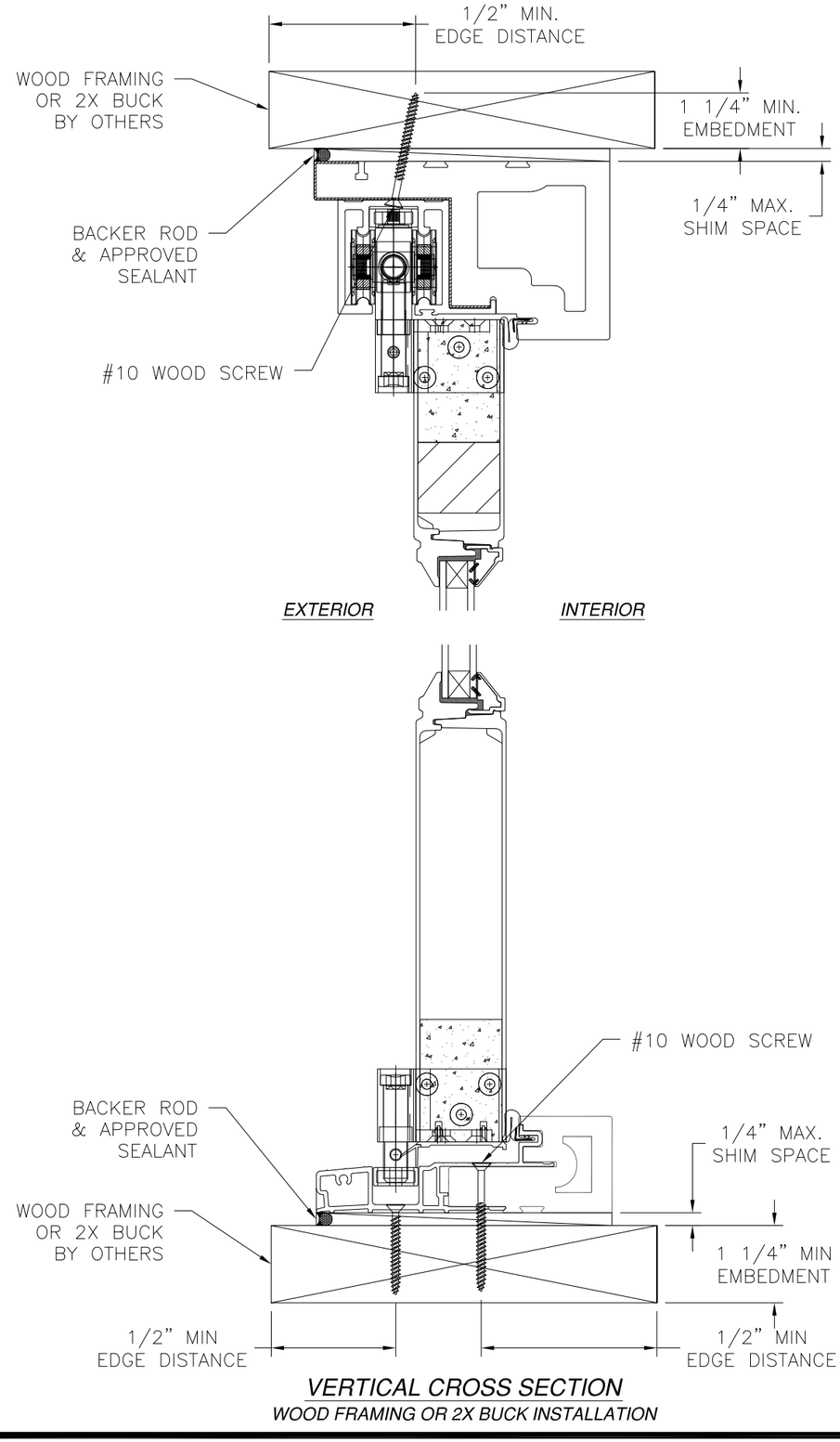
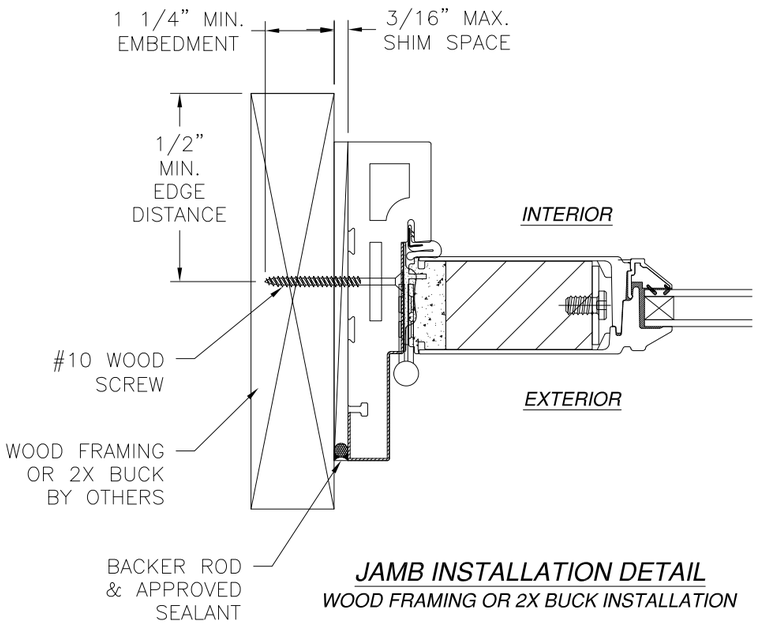


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



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*

SIGNED: 04/21/2021

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

SERIES "PRBJ" FIBERGLASS
OUTSWING FOLDING DOOR NON-IMPACT
INSTALLATION DETAILS

DRAWN:	DWG NO.	REV
A.R.	08-03237	A

SCALE	DATE	SHEET
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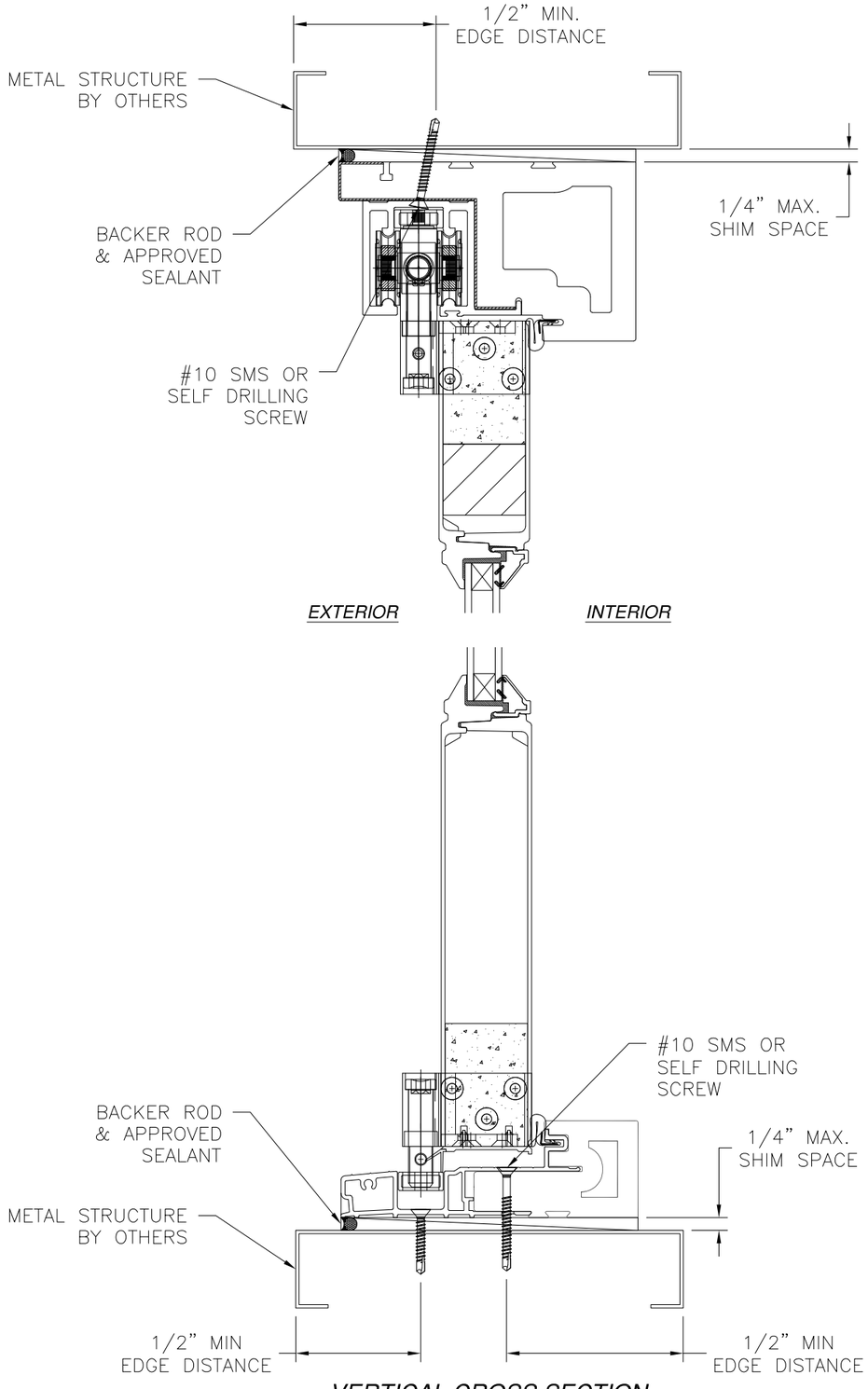
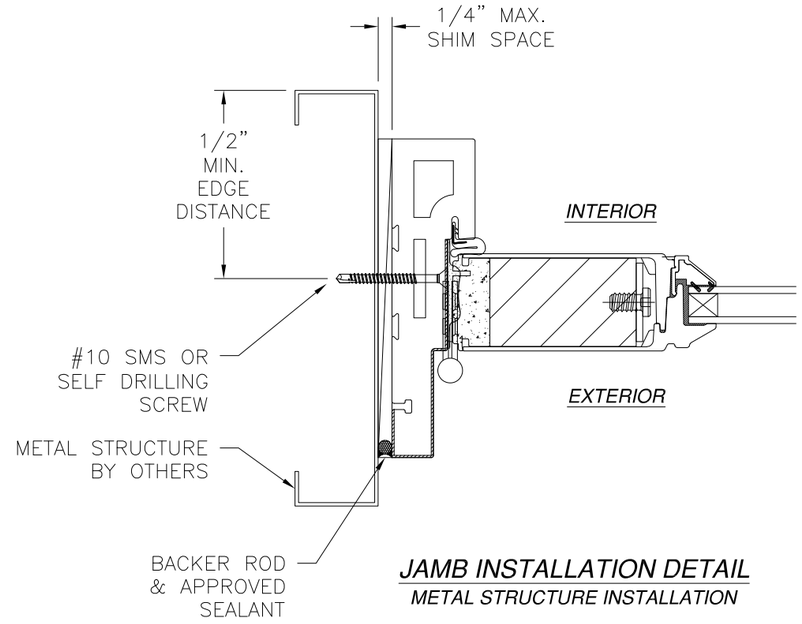


VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

NOTES:
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8989 NORTH LOOP EAST
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SERIES "PRBJ" FIBERGLASS
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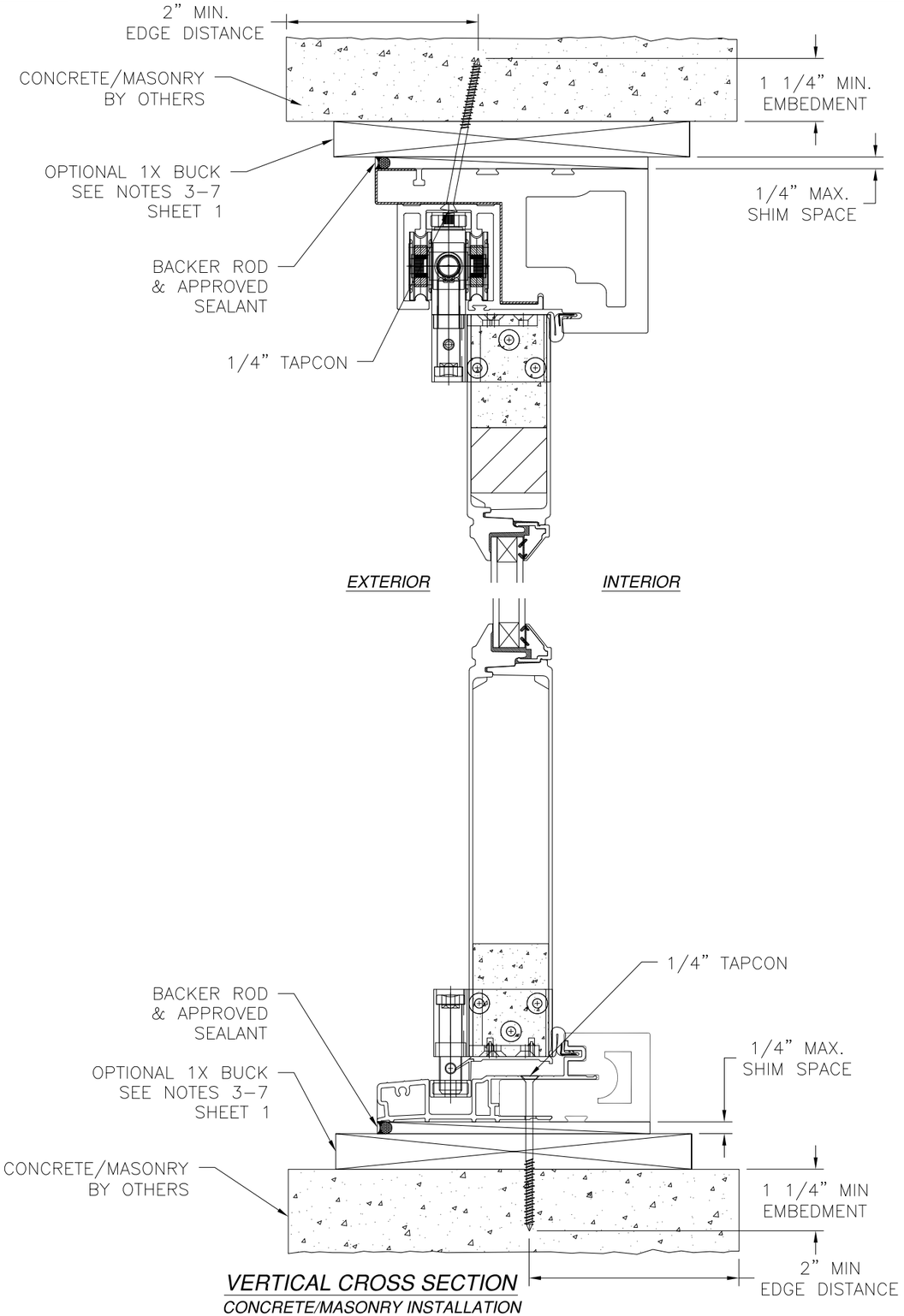
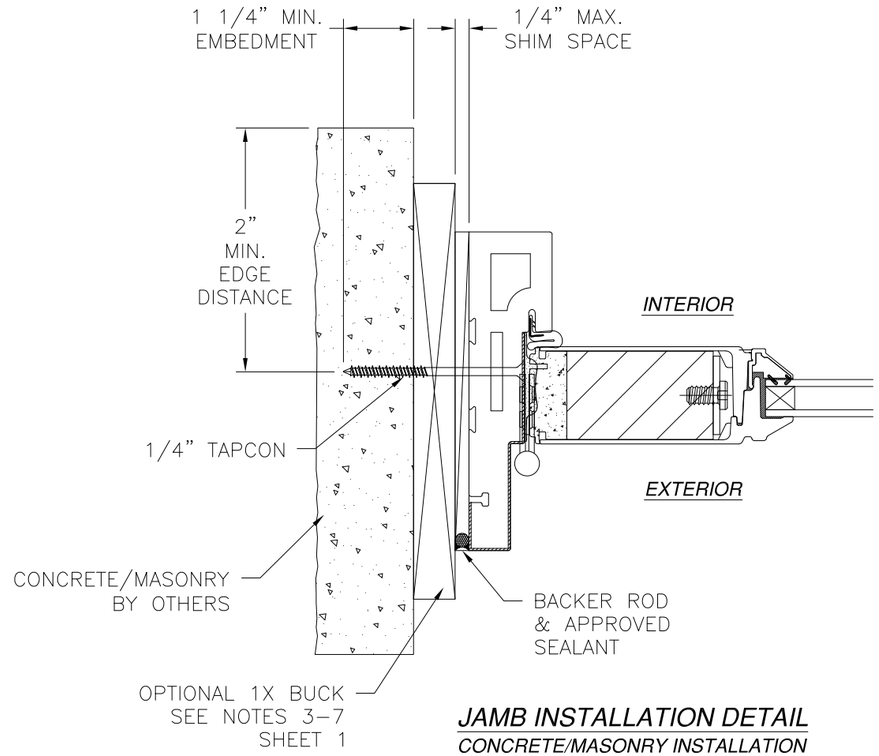


VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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

SIGNED: 04/21/2021

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8989 NORTH LOOP EAST
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SERIES "PRBJ" FIBERGLASS
OUTSWING FOLDING DOOR NON–IMPACT
INSTALLATION DETAILS

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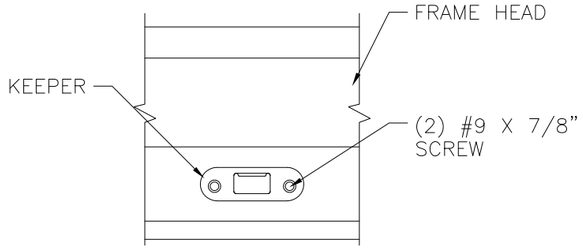
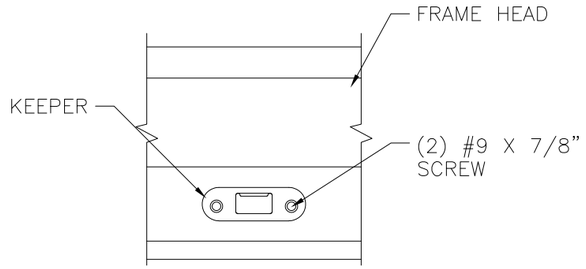
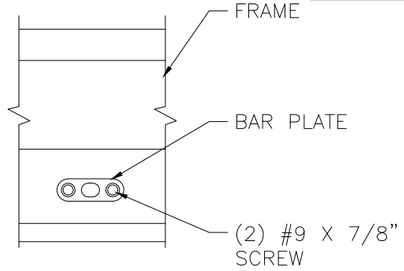


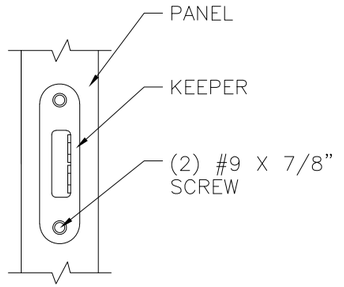
HEAD BAR KEEPER DETAIL



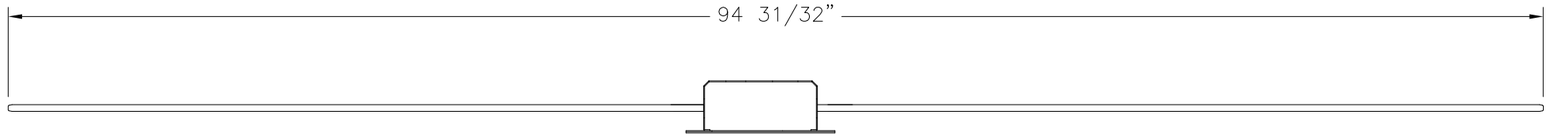
SILL BAR KEEPER DETAIL
FOAM PVC CO-EX



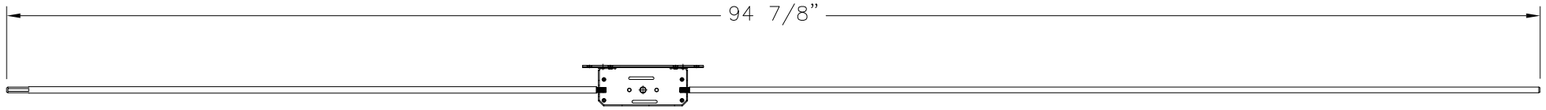
DRIVE BAR PLATE DETAIL



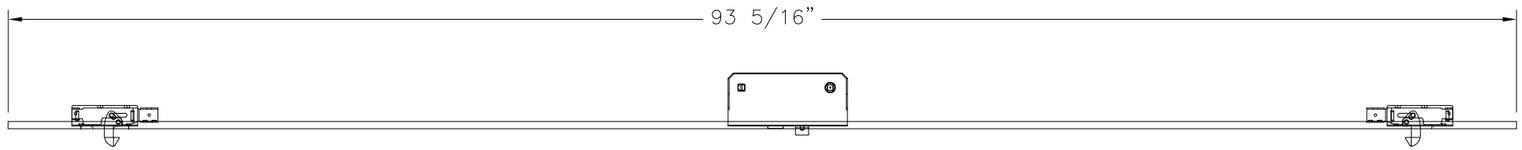
HOOK KEEPER DETAIL



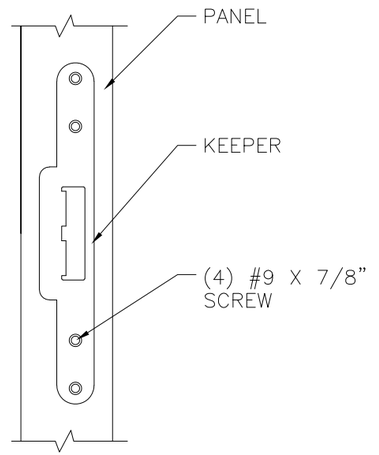
TOP/BOTTOM DRIVE BAR SYSTEM
STAINLESS STEEL BY JAM YUAN ENTERPRISES CO., LTD.



FLUSH BOLT SYSTEM
STEEL BY JAM YUAN ENTERPRISES CO., LTD.



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



SLAB MULTI-POINT
LOCK KEEPER DETAIL

SIGNED: 04/21/2021

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

SERIES "PRBJ" FIBERGLASS
OUTSWING FOLDING DOOR NON-IMPACT
COMPONENTS AND INSTALLATION DETAILS

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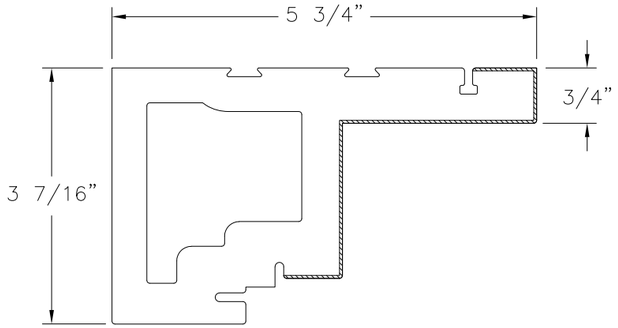
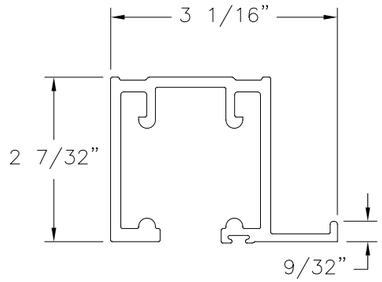
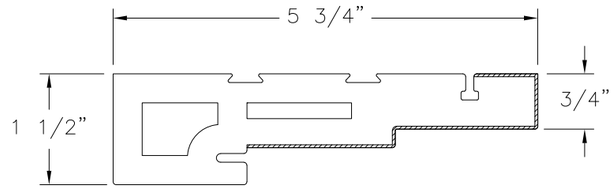


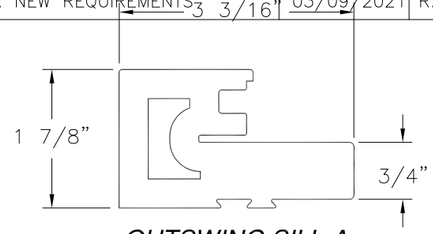
HEAD FRAME
FOAM PVC CO-EX



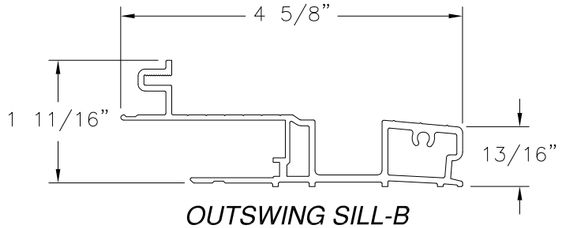
HEAD TRACK
ALUMINUM



JAMB
FOAM PVC CO-EX



OUTSWING SILL-A
FOAM PVC CO-EX



OUTSWING SILL-B
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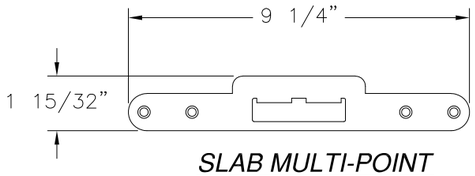
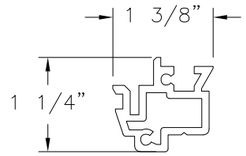
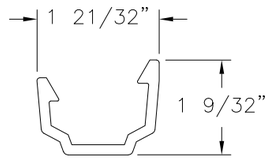


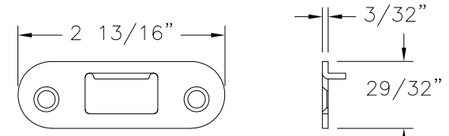
SLAB MULTI-POINT LOCK KEEPER
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD.



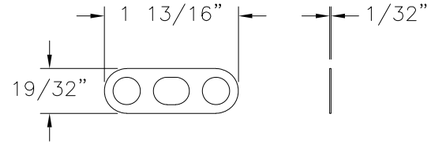
T-ASTRAGAL REINFORCEMENT
ALUMINUM



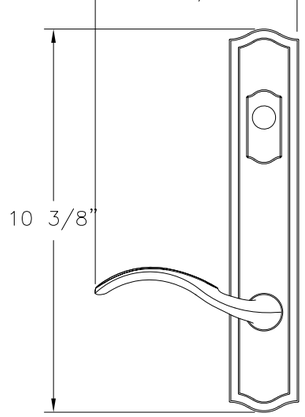
T-ASTRAGAL
RIGID PVC



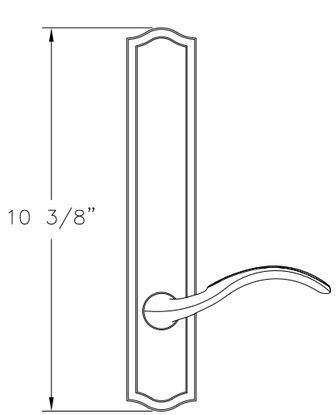
TOP & BOTTOM BAR KEEPER
STAINLESS STEEL
BY JIUH-CHUAN LOCKS CO., LTD



DRIVE BAR PLATE GASKET
TPE



ACTIVE DOOR HANDLE SET
DIE CAST



PASSIVE DOOR HANDLE SET
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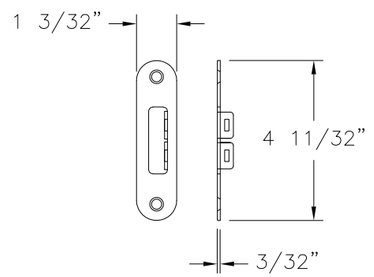
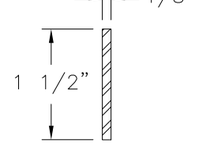
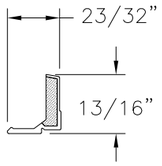


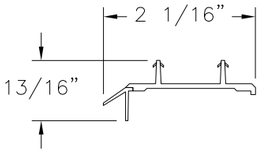
HOOK KEEPER
STAINLESS STEEL
BY JIUH-CHUAN LOCKS CO., LTD.



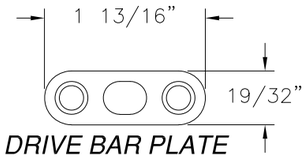
1/8" REINFORCEMENT STEEL
SPHC



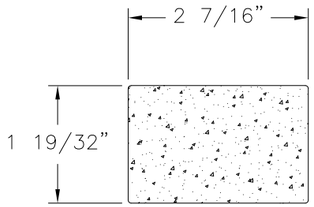
1" GLAZING BEAD
PVC



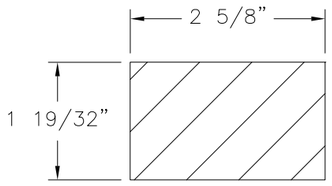
DOOR BOTTOM
FOAM & RIGID PVC



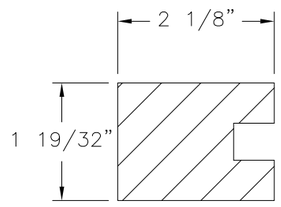
DRIVE BAR PLATE
STAINLESS STEEL
BY JAM YUAN ENTERPRISES CO., LTD



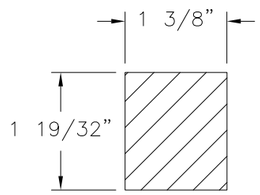
TOP/BOTTOM RAIL
FOAM PVC



2 5/8" REIN. WOOD-A
WHITE PINE



2 1/8" REIN. WOOD-B
WHITE PINE



1 3/8" REIN. WOOD-C
WHITE PINE

SIGNED: 04/21/2021

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

SERIES "PRBJ" FIBERGLASS
OUTSWING FOLDING DOOR NON-IMPACT
COMPONENTS

DRAWN:	DWG NO.	REV
A.R.	08-03237	A
SCALE NTS	DATE 04/10/18	SHEET 7 OF 7

L. ROBERTO LOMAS P.E.
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