


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	01/09/18	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. 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.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T6.
6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 12 FOR DETAILS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. 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.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" 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.
11. 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.
12. ALL FASTENERS TO BE CORROSION RESISTANT.

13. 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 .048" THICK MINIMUM
14. APPROVED CONFIGURATION:
 - 2 TRACK: XX, OX, XO, OXO, XXO, OXX, OXXO, XXXX, PX, XP, PXX, XXP, PXXP, PXXXXP.
 - 3 TRACK: XXXX, XXO, OXX, XXX, OXXO, XXXO, OXXX, XXXXXX, OXXXXO, PXXX, XXXP, PXXXXXP.
 - 4 TRACK: OXXX, XXXO, XXXX, XXXXXXXX, OXXXXXXO, PXXXX, XXXXP, PXXXXXXXP.
15. APPROVED DOOR: BYPASS, 135° OR 90°. 135° OR 90° CORNERS MAY BE INSIDE OR OUTSIDE CORNERS.

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Eastern
ARCHITECTURAL SYSTEMS
ALUMINUM AND VINYL
IMPACT WINDOWS AND DOORS

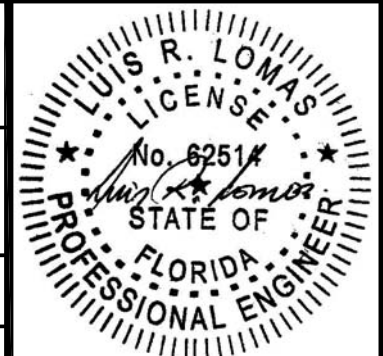
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A DIVISION OF
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16341 DOMESTIC AVE
FORT MYERS, FL 33912
800-432-2204

SERIES 135° FD8100-LMI ALUMINUM
IMPACT RATED SLIDING GLASS POCKET DOOR
NOTES

DRAWN: N.G.	DWG NO. 08-02732	REV A
SCALE NTS	DATE 06/17/15	SHEET 1 OF 12

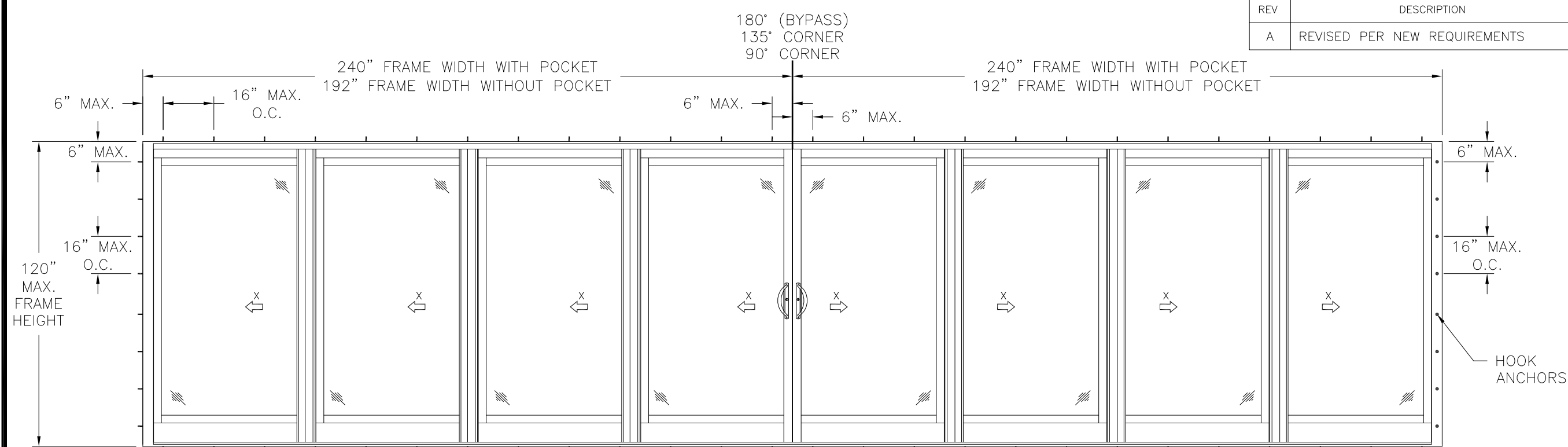
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SIGNED: 01/09/2018



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SERIES FD8100 ALUMINUM SLIDING GLASS POCKET DOOR

EXTERIOR VIEW

UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED, SEE NOTES 14 & 15 IN SHEET 1. AS LONG AS INDIVIDUAL PANEL AREA DOES NOT EXCEED 41.39FT² AND FRAME AREA DOES NOT EXCEED 600FT²

135° CORNER UNITS UP TO 120" HIGH WITH GLAZING A

135° CORNER UNITS UP TO 110" HIGH WITH GLAZING B

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 & HVHZ

MISSILE LEVEL D, WIND ZONE 4 & HVHZ

90° CORNER UNITS & BYPASS UNITS UP TO 120" HIGH WITH GLAZING A

90° CORNER UNITS & BYPASS UNITS UP TO 110" HIGH WITH GLAZING B

90° & 135° CORNER UNITS & BYPASS UNITS UP TO 120" HIGH WITH GLAZING B

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE AND SMALL MISSILE IMPACT

DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	LARGE AND SMALL MISSILE IMPACT

DESIGN PRESSURE RATING	IMPACT RATING
±44.0PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 & HVHZ

MISSILE LEVEL D, WIND ZONE 4 & HVHZ

MISSILE LEVEL D, WIND ZONE 4 & HVHZ


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NOTES:

- (1) 1" X 3/16" WEEP SLOT 6" FROM EACH END, AND 48" ON CENTER THROUGH VERTICAL SILL LEG EXCEPT MOST INTERIOR SILL LEG ON EVERY PANEL.
- PANEL SIZE: 50 1/2" X 118 1/32"
- D.L.O.: 40 7/8" X 109 1/4"

HARDWARE SCHEDULE

A.	(1) ADJUSTABLE TANDEM WHEEL ROLLER ASSEMBLY AT EACH END OF EACH PANEL
B.	(2) 2-POINT MORTISE TYPE LOCKS ON LOCK STILE
C.	(2) MULTI-POINT KEEPERS ON ASTRAGAL STILE AT LOCK POSITIONS
D.	(1) EXTRUDED "H" TYPE ALUMINUM REINFORCEMENT CHANNEL AT EACH PANEL INTERLOCK STILE

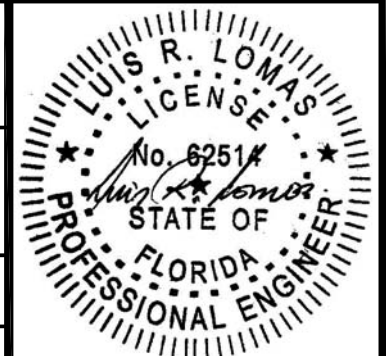


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**SERIES 135° FD8100-LMI ALUMINUM
IMPACT RATED SLIDING GLASS POCKET DOOR
ELEVATION**

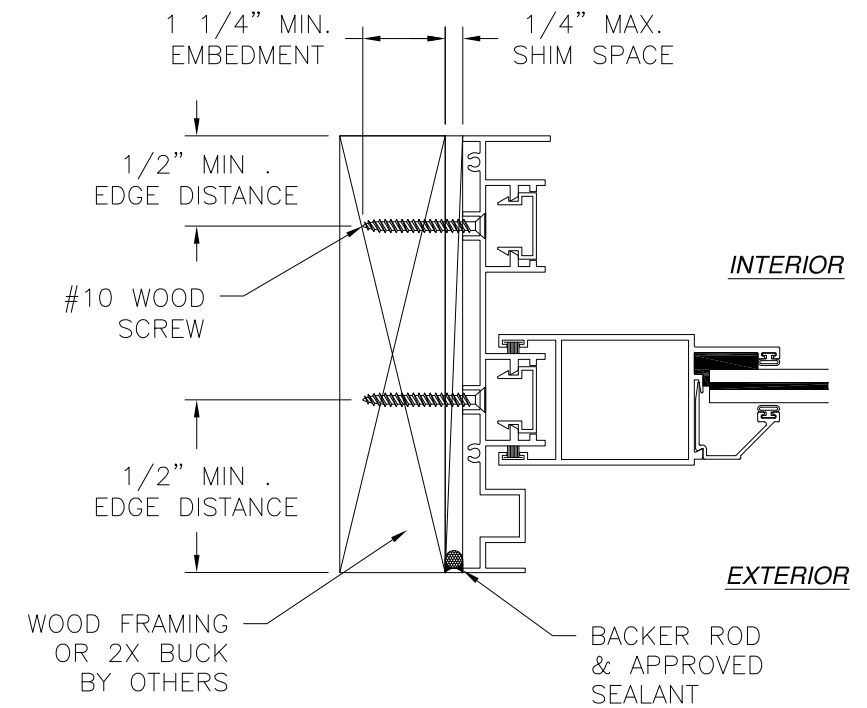
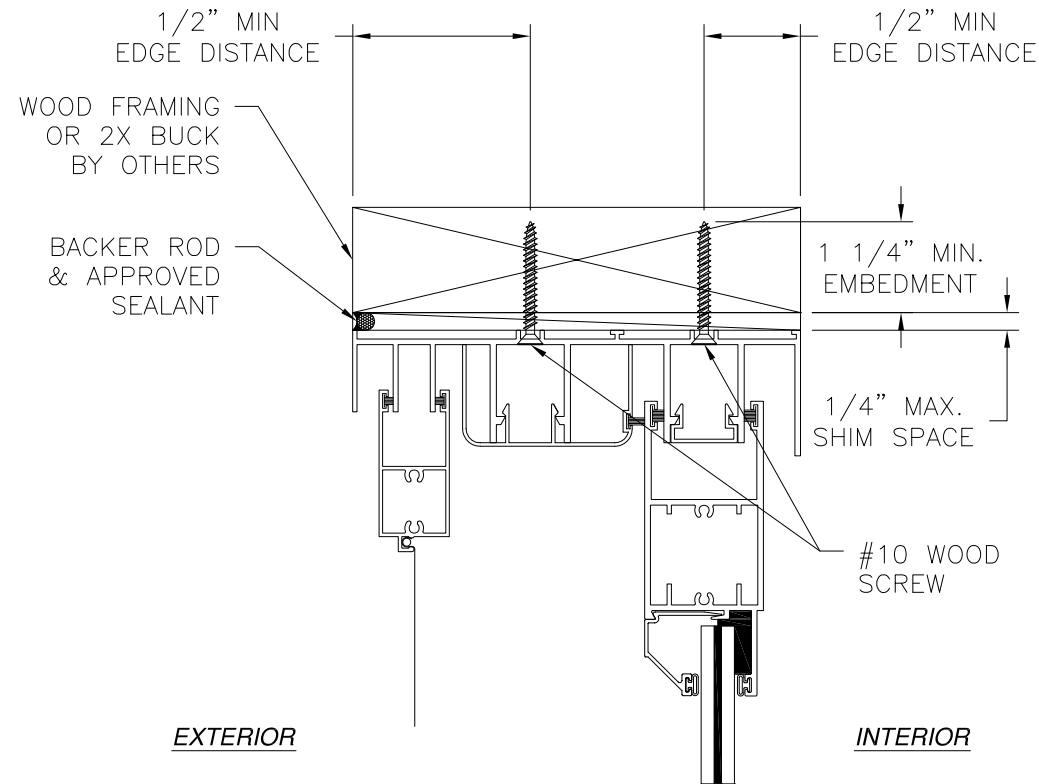
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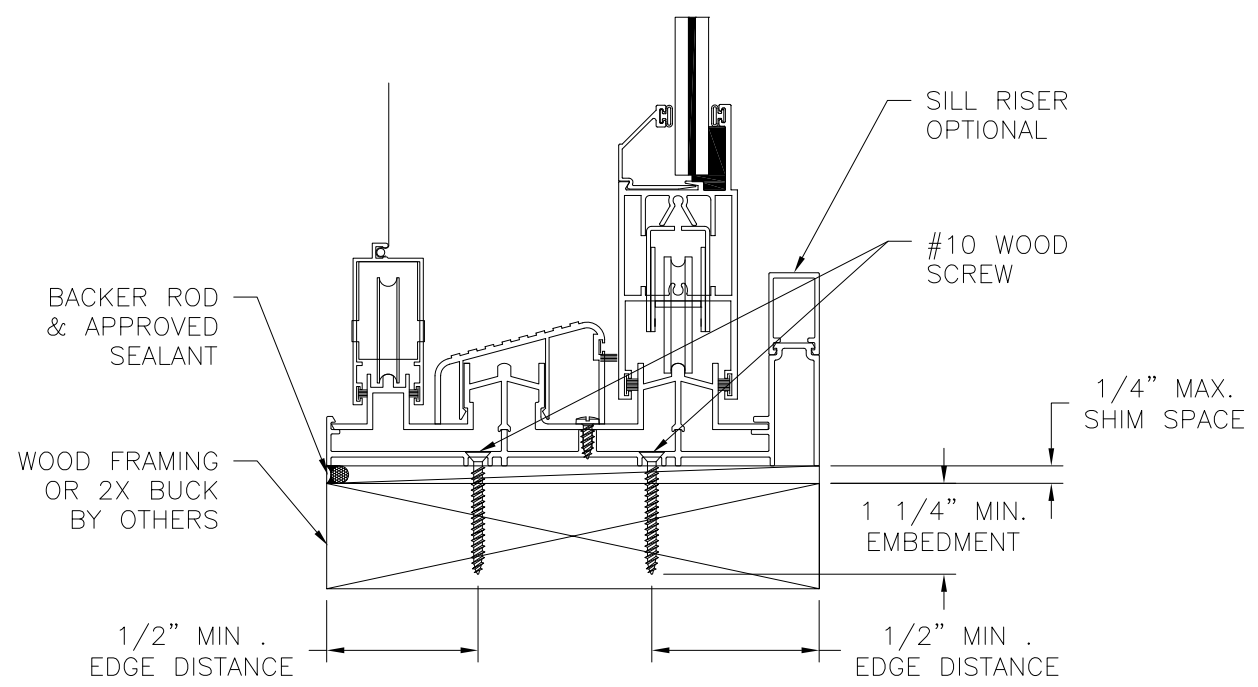


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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION



VERTICAL CROSS SECTION
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

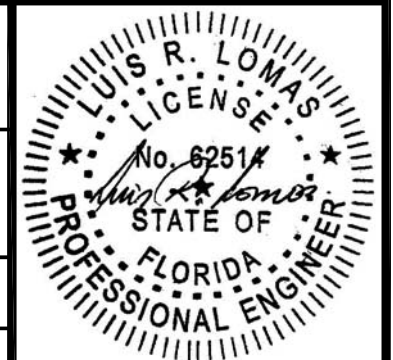
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 2 TRACK INSTALLATION DETAILS

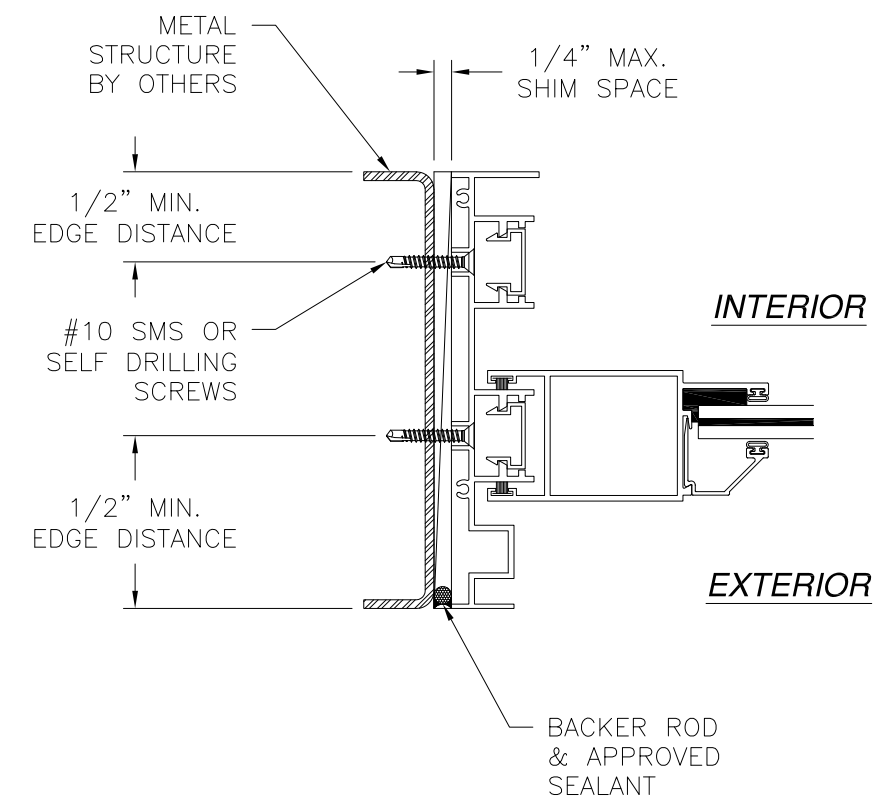
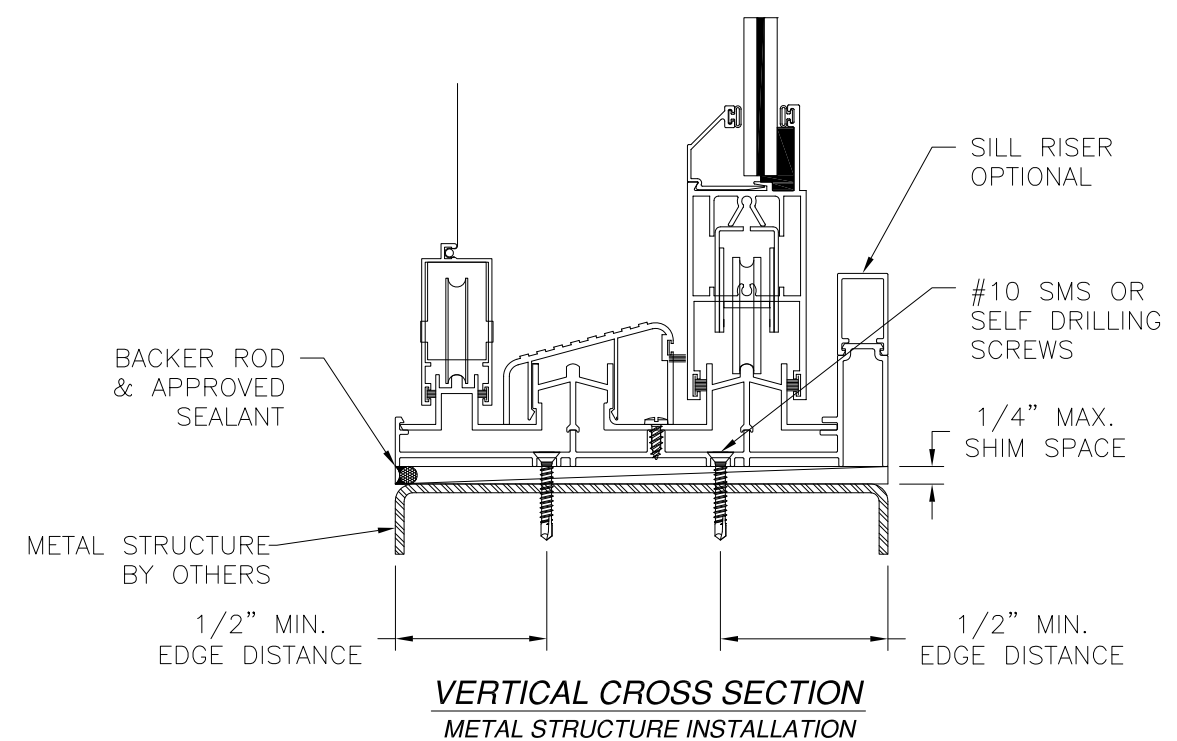
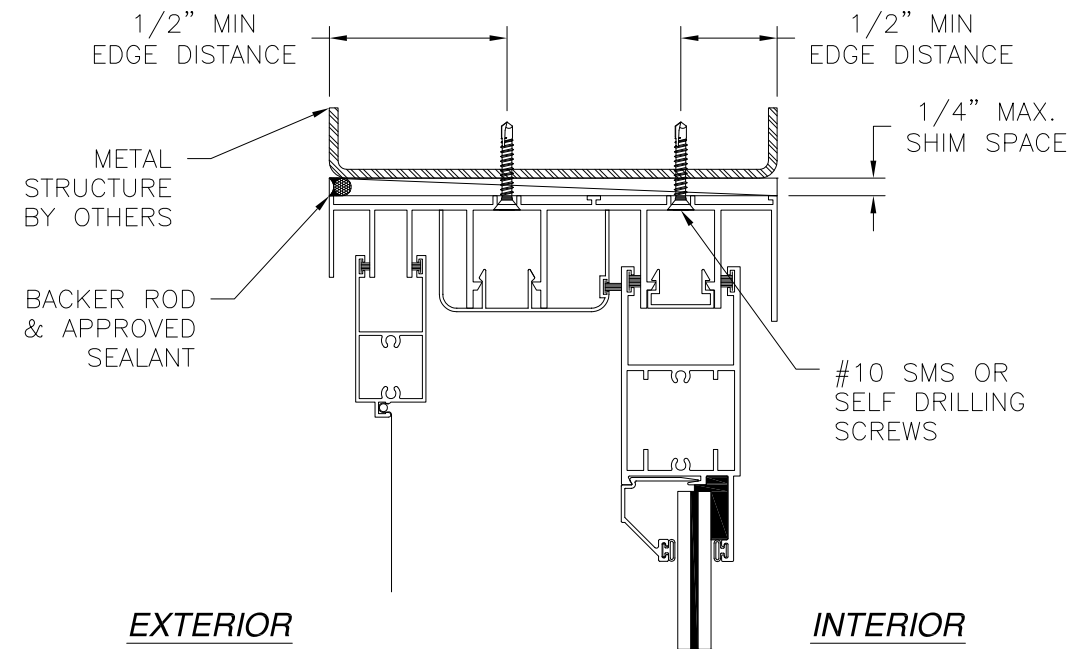
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JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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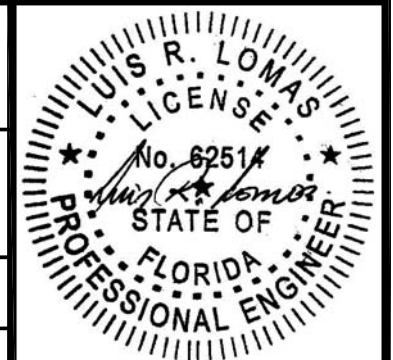
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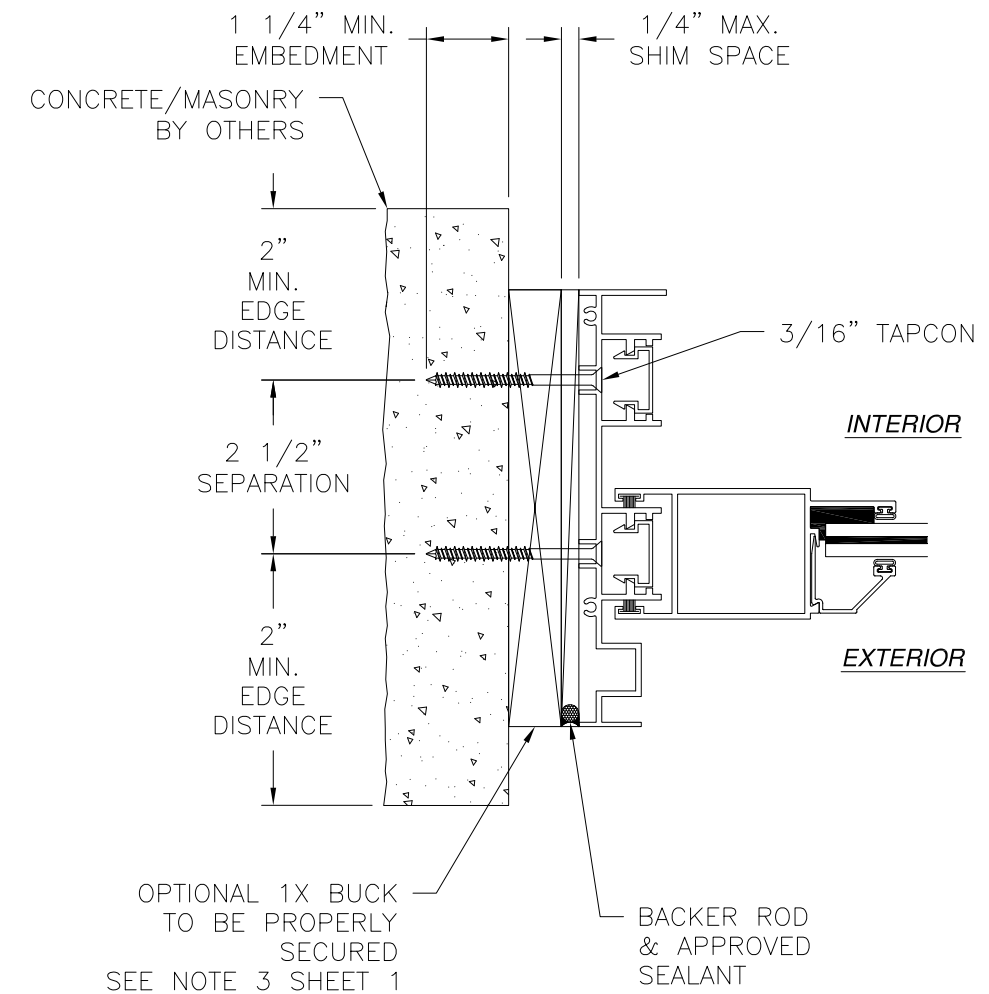
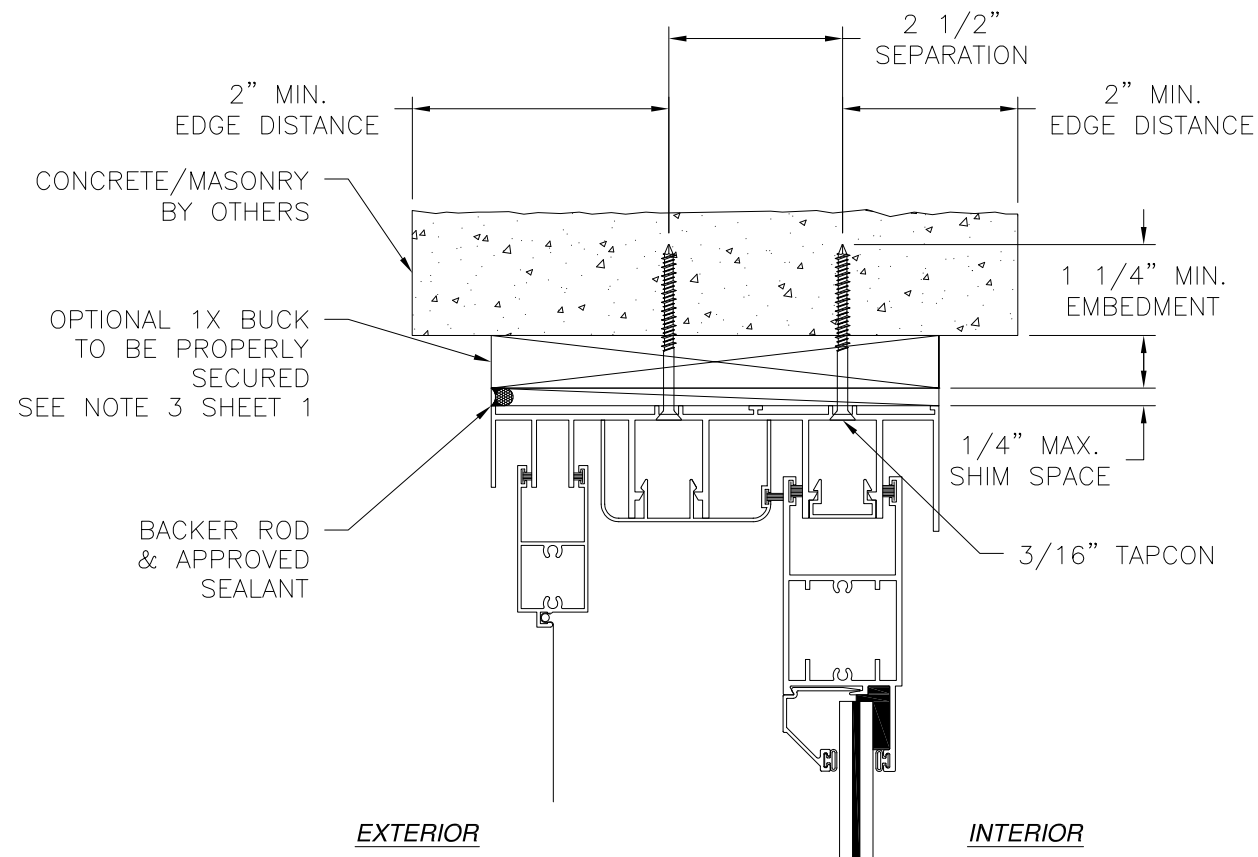
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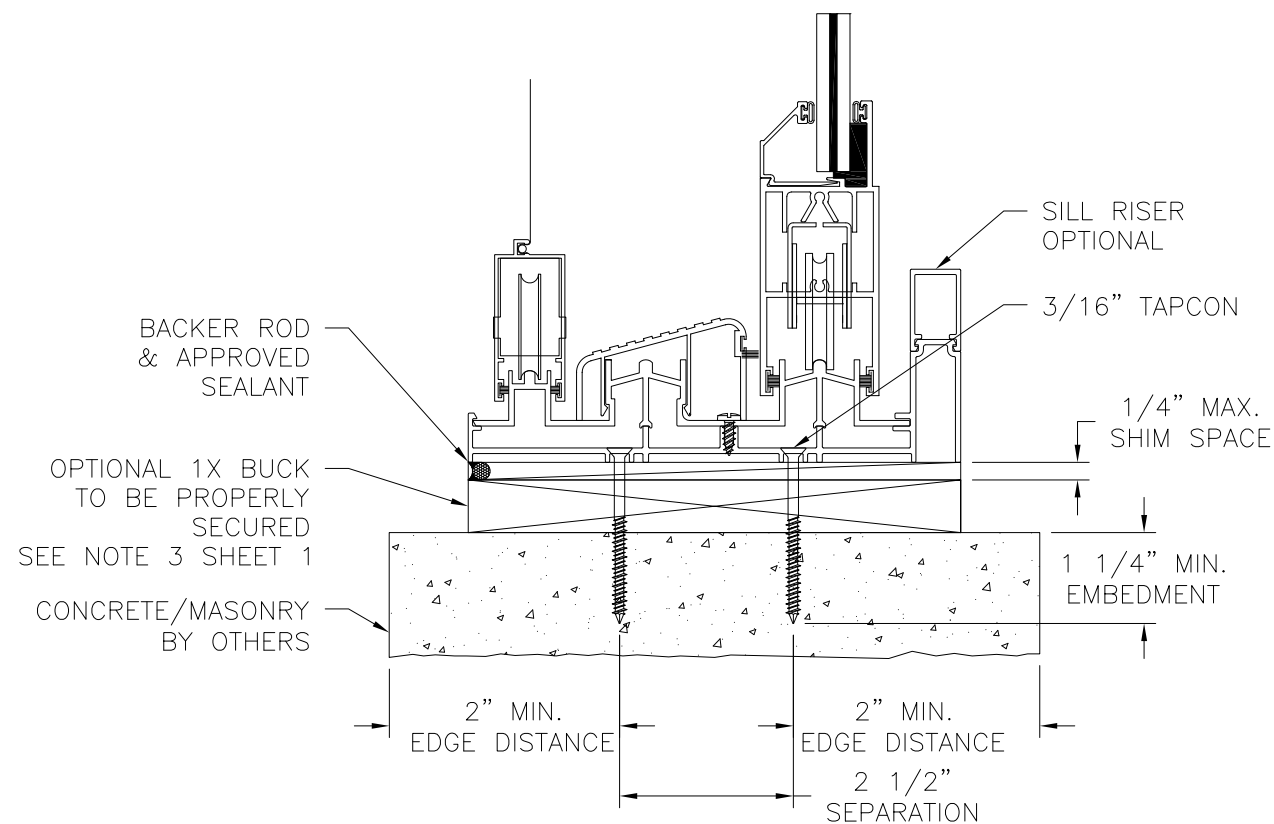
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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

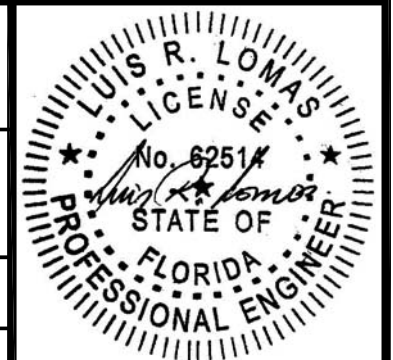
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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

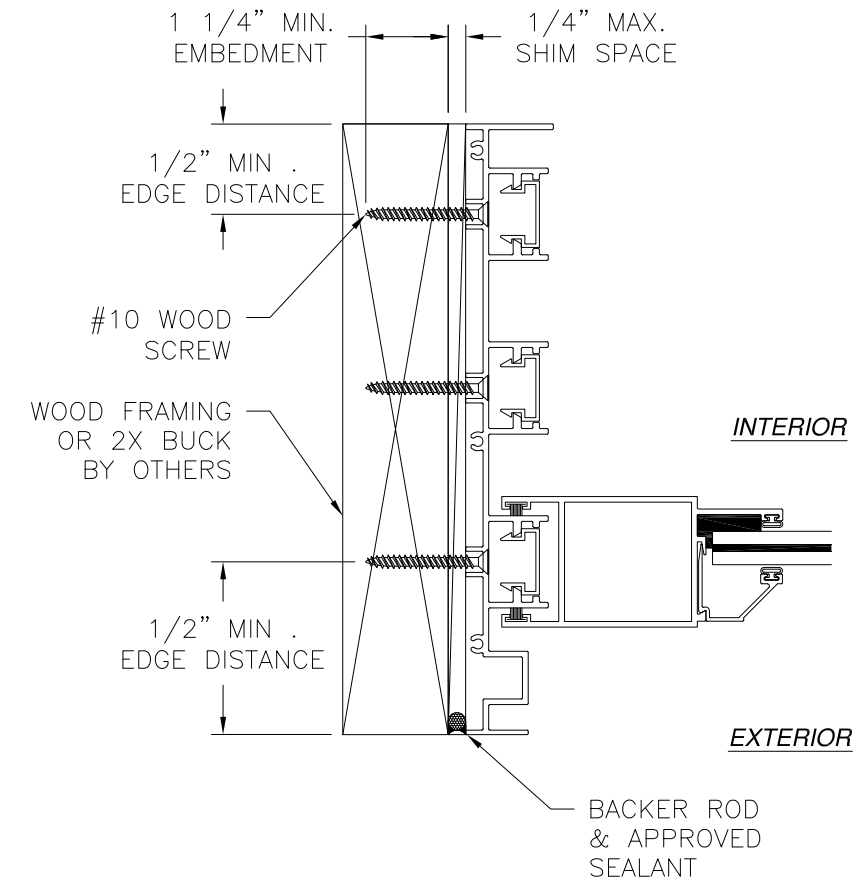
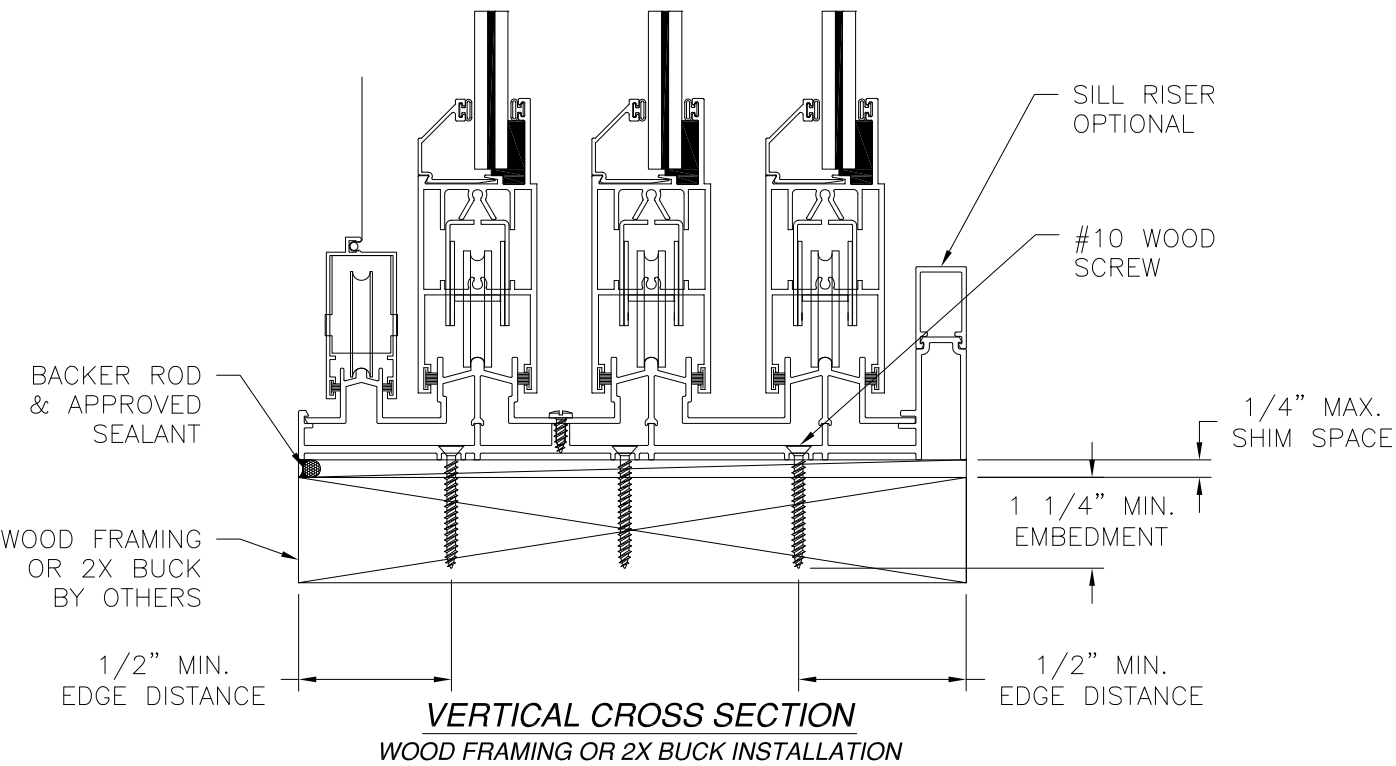
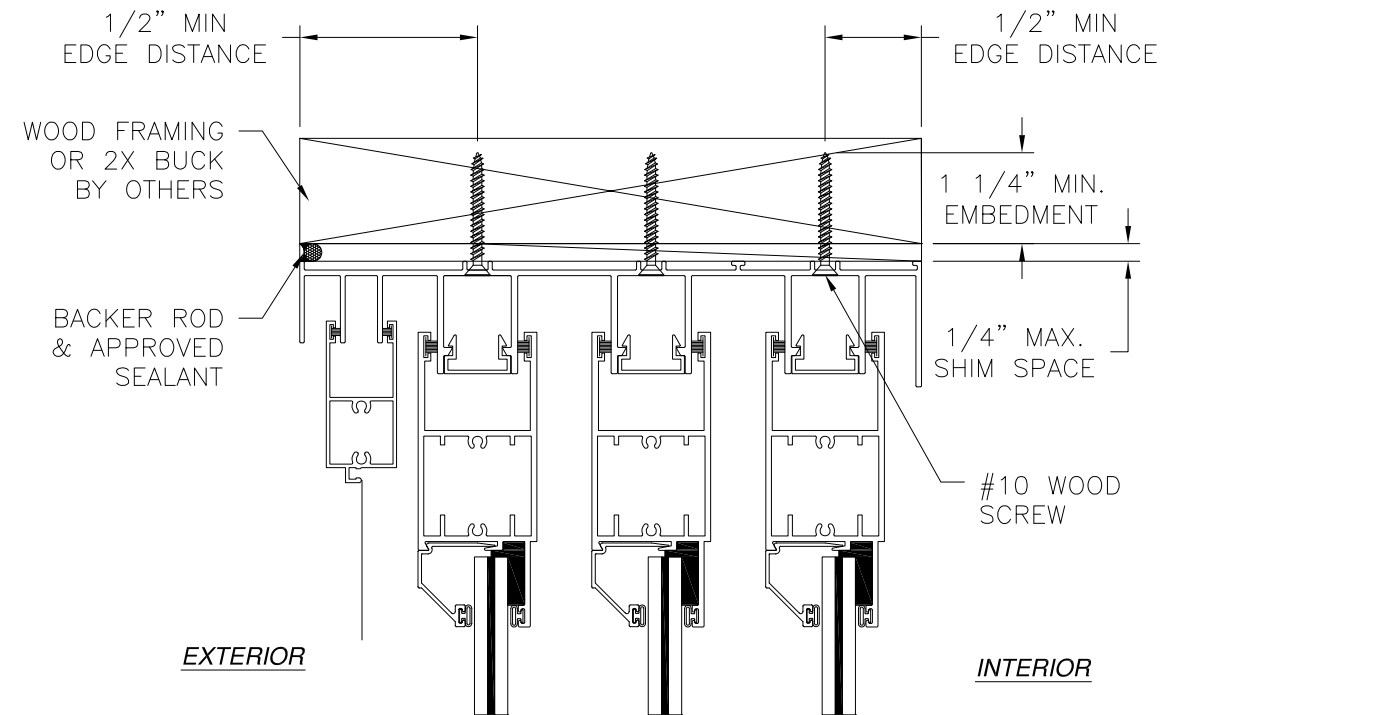
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SERIES 135° FD8100-LMI ALUMINUM IMPACT RATED SLIDING GLASS POCKET DOOR 2 TRACK INSTALLATION DETAILS			
DRAWN: N.G.	DWG NO. 08-02732	REV A	
SCALE NTS	DATE 06/17/15	SHEET 5 OF 12	
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com			



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JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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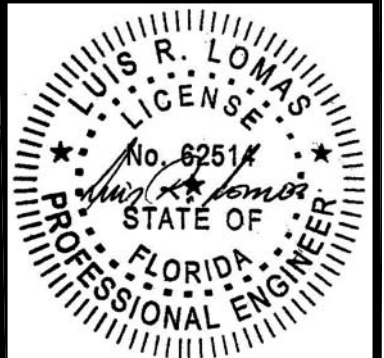
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3 TRACK INSTALLATION DETAILS

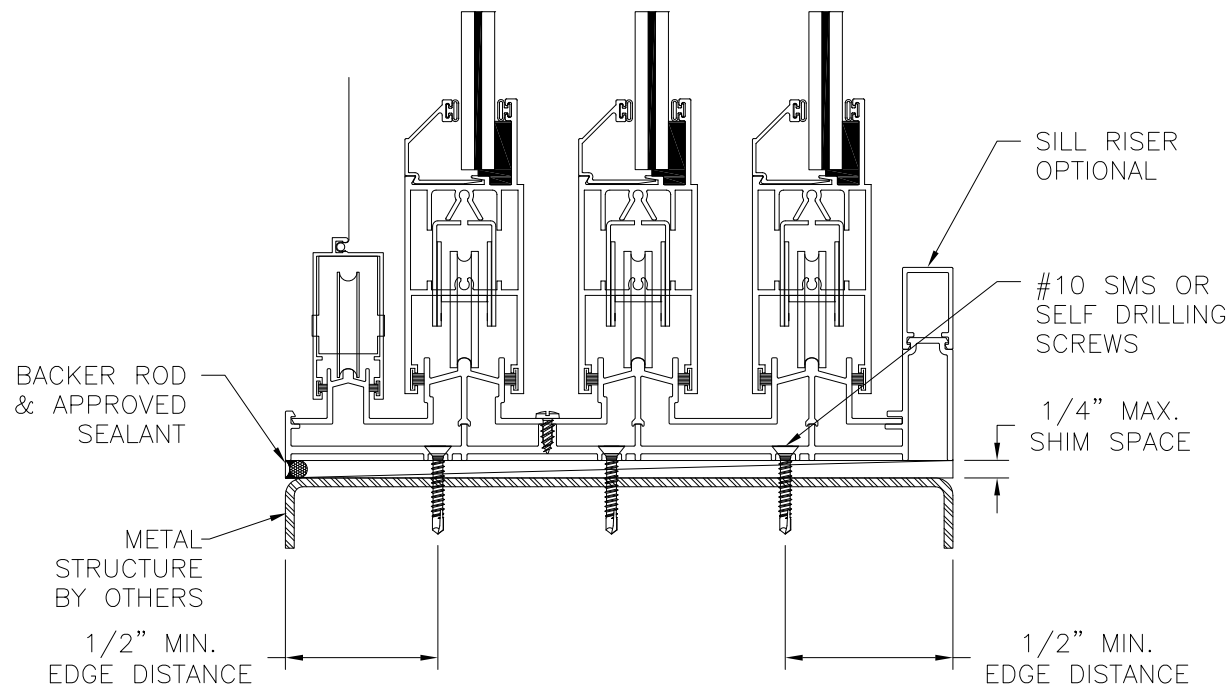
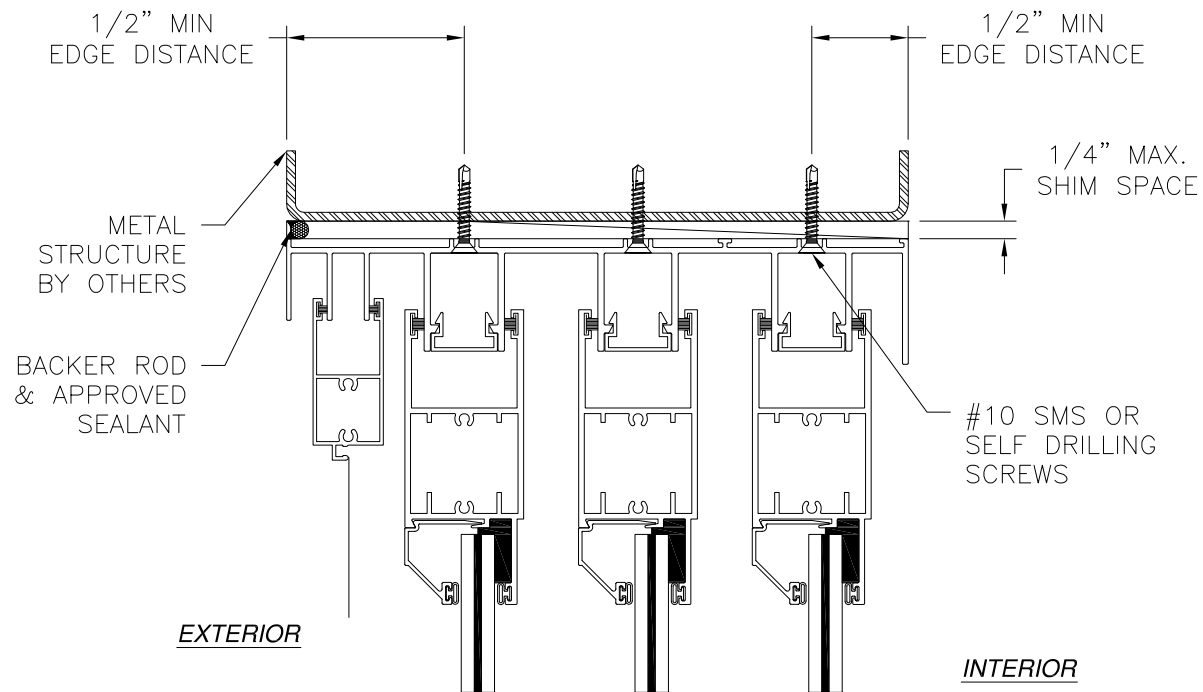
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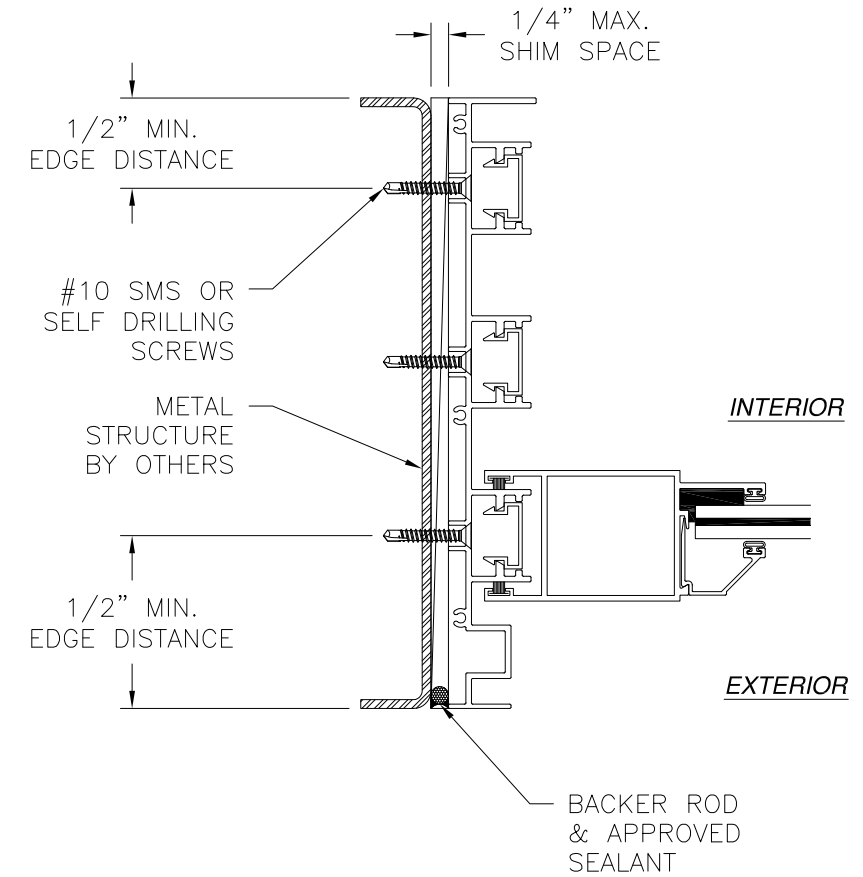


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VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



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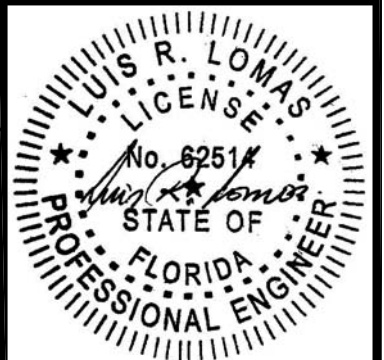
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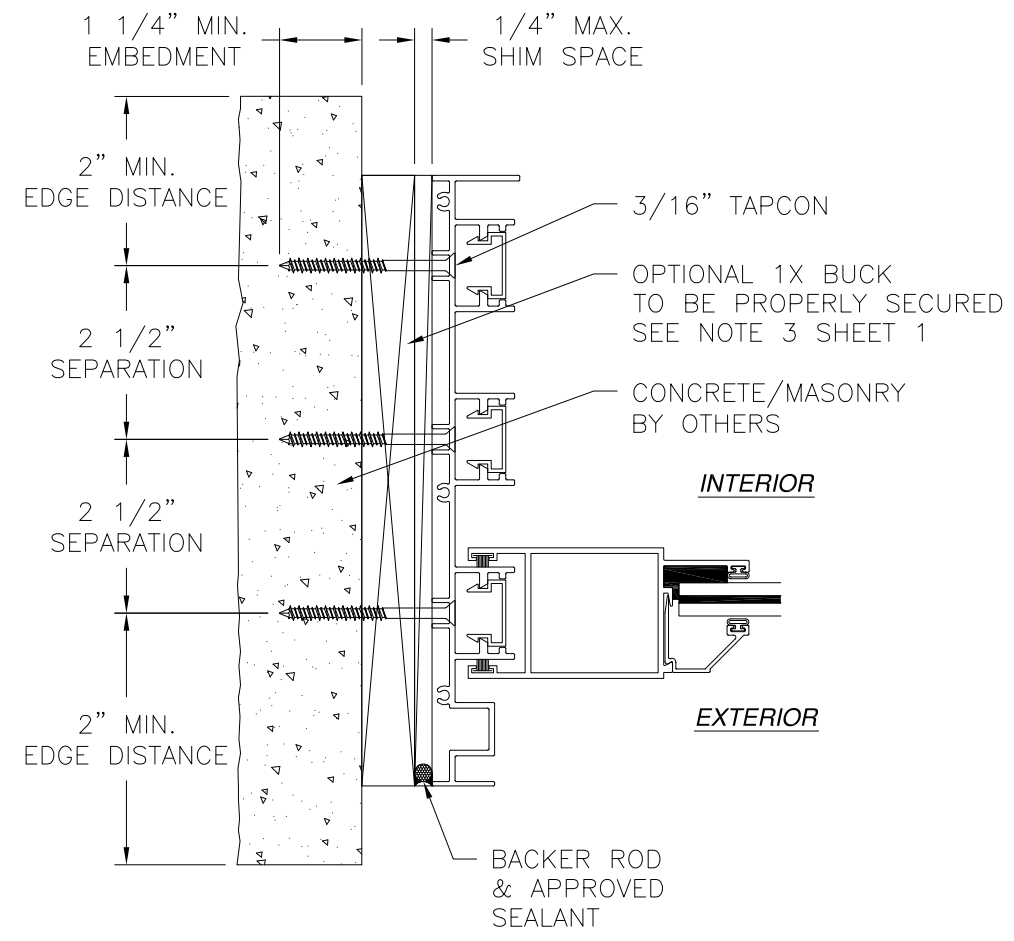
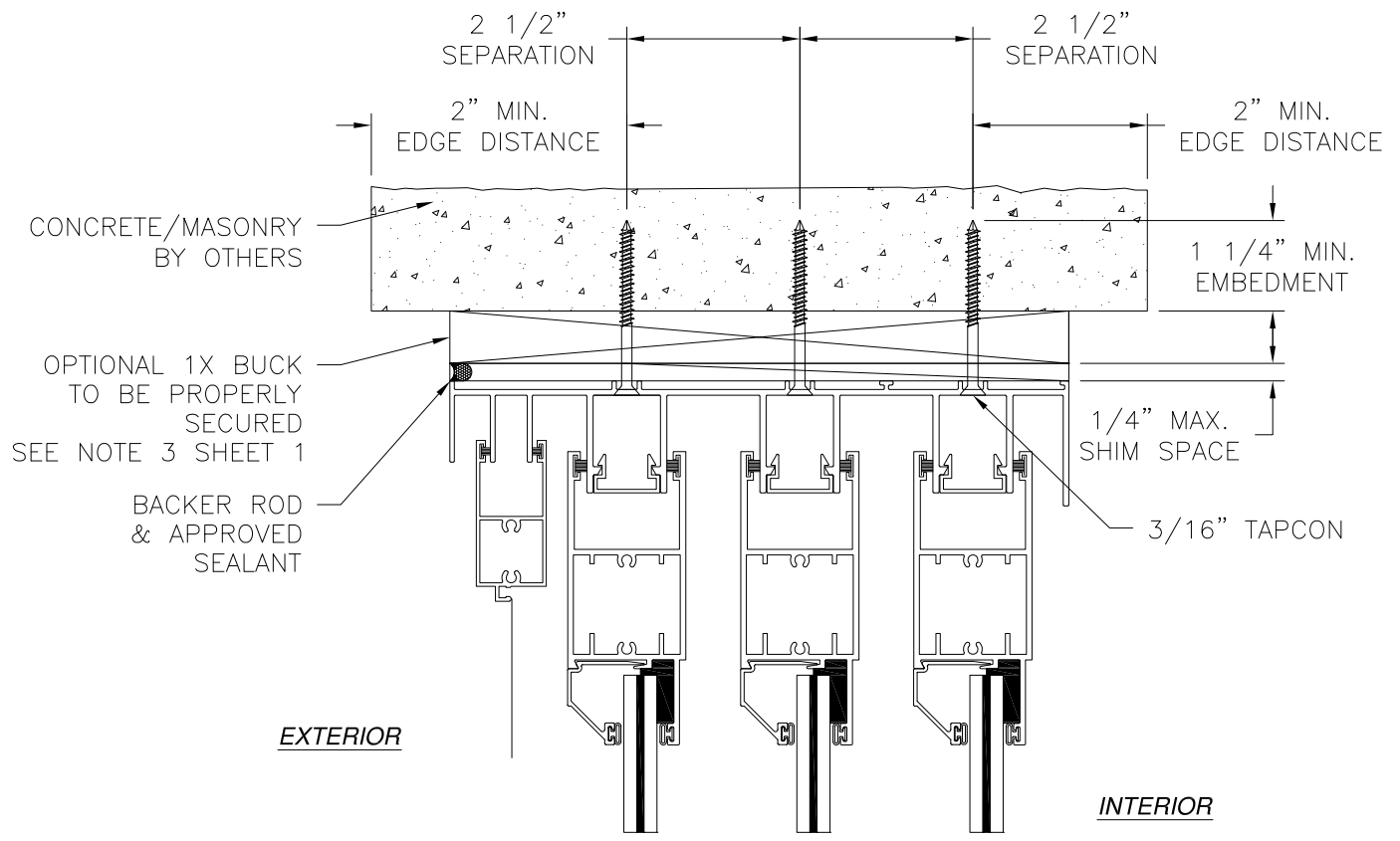
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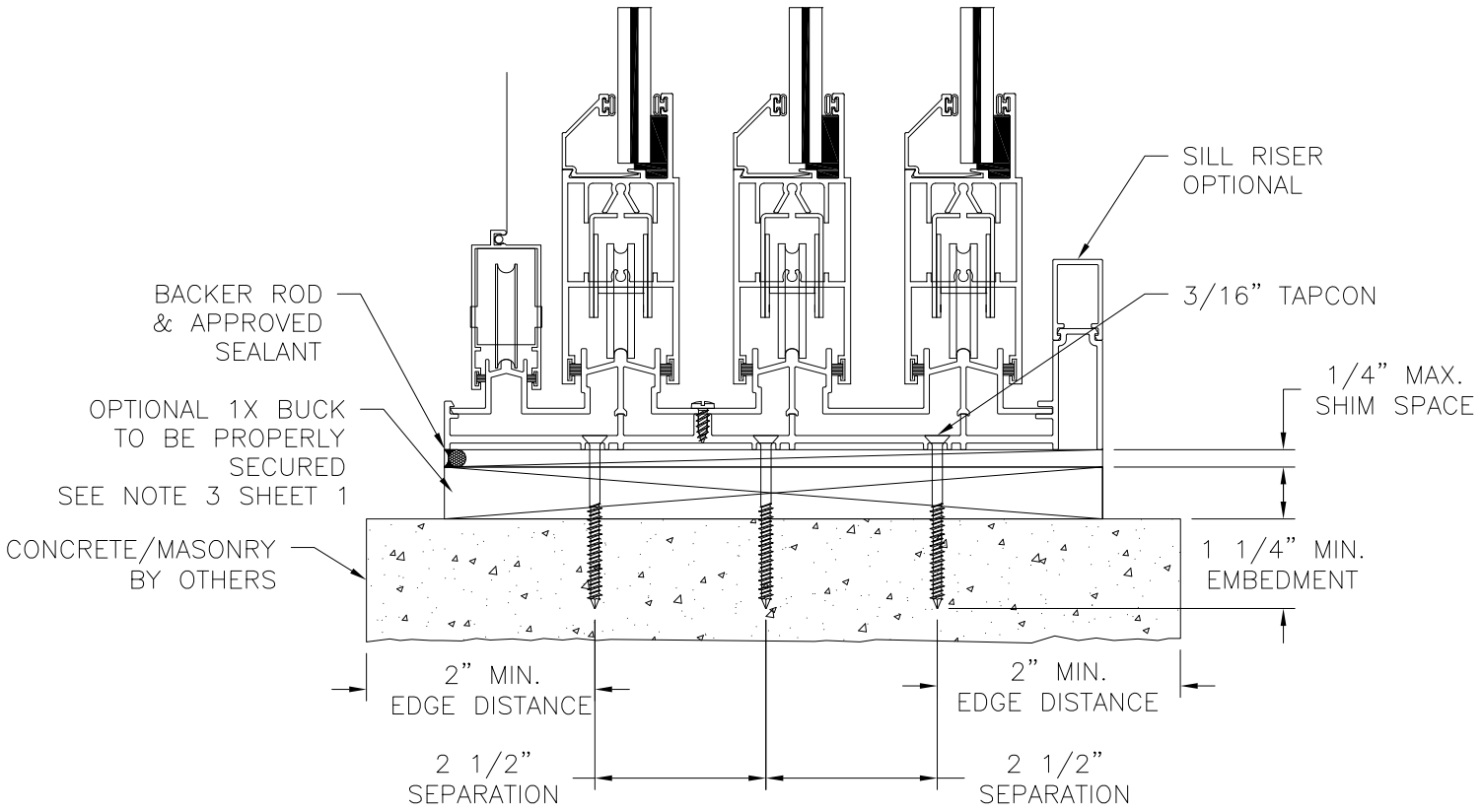


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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION



VERTICAL CROSS SECTION
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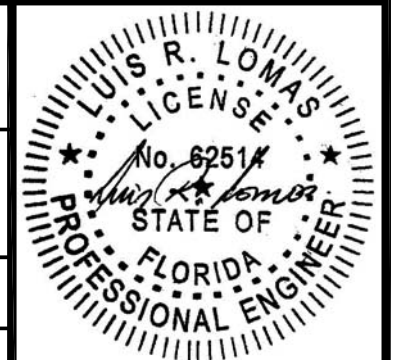
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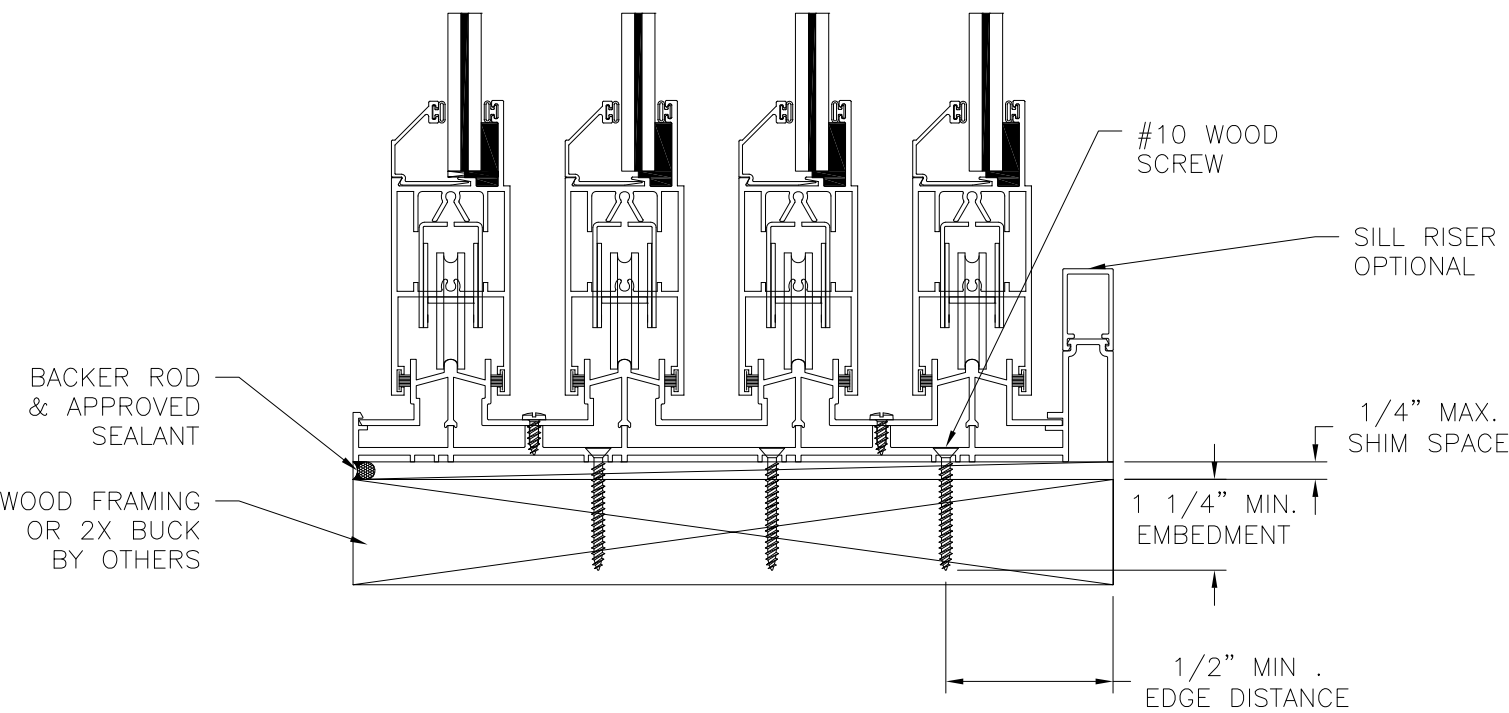
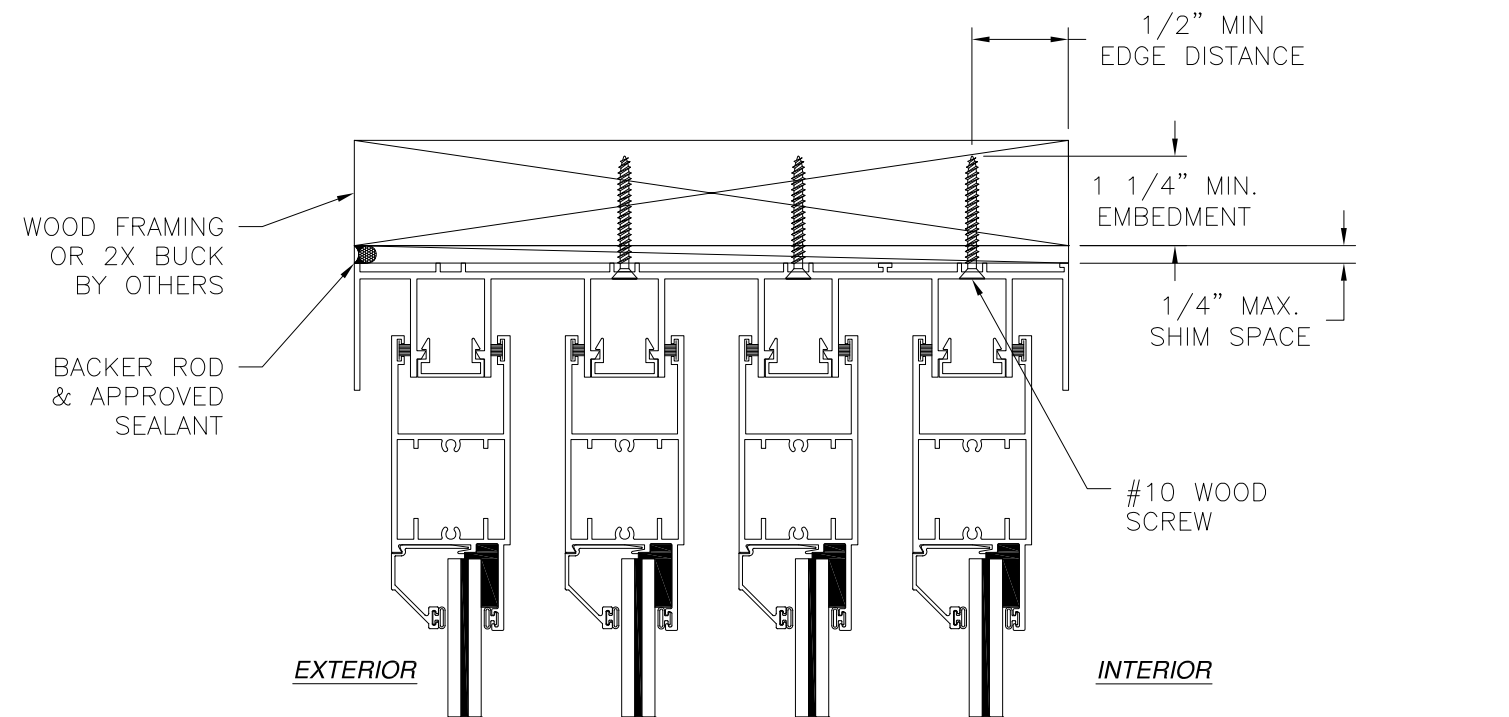
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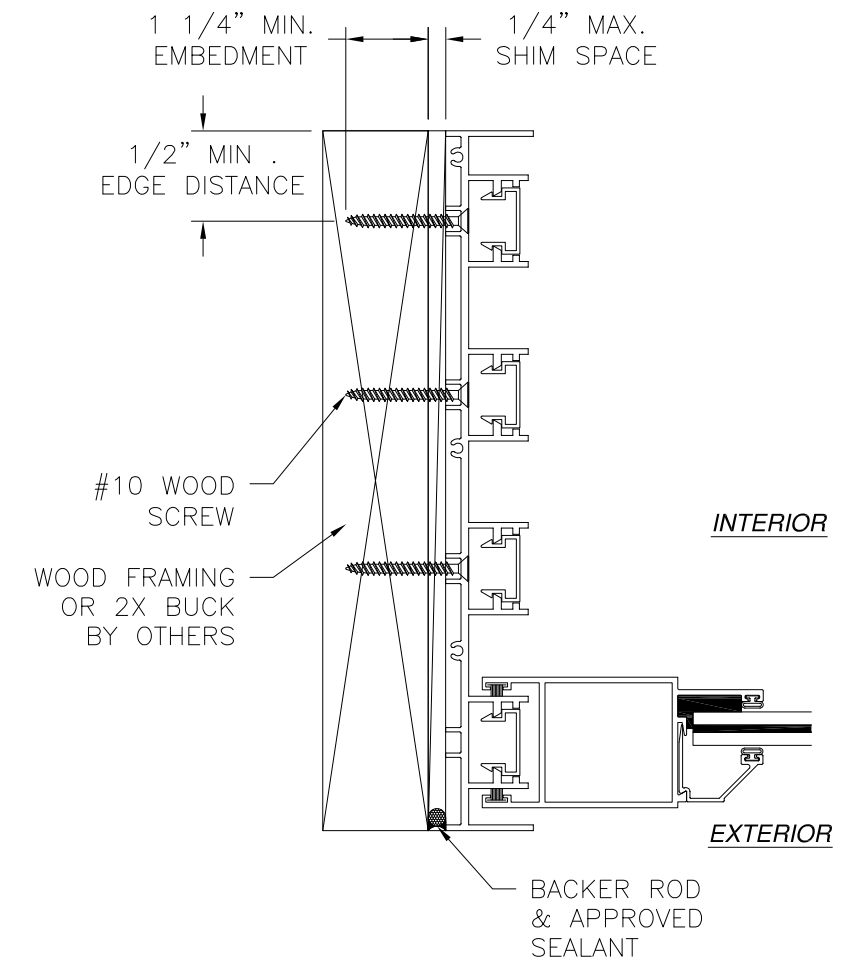


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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

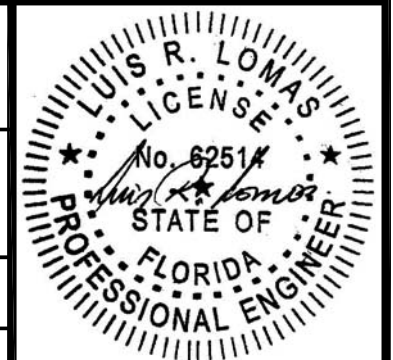


JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

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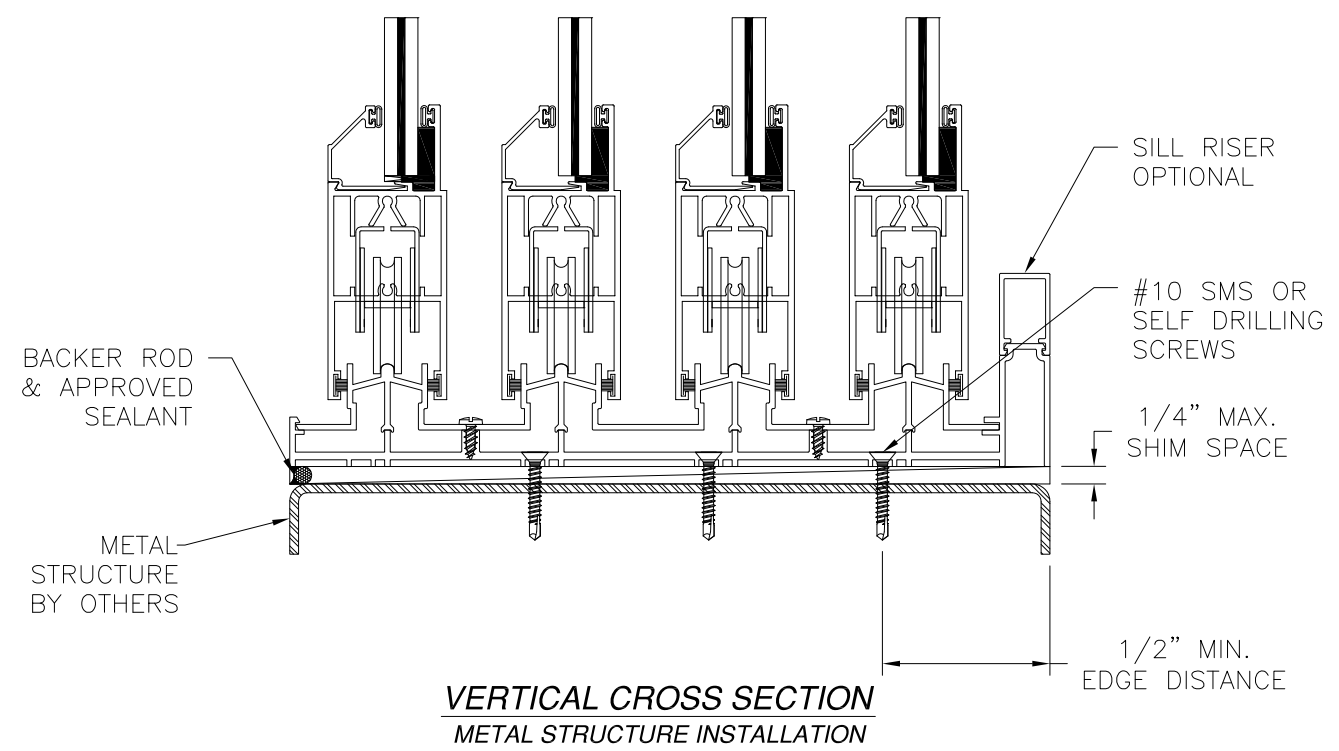
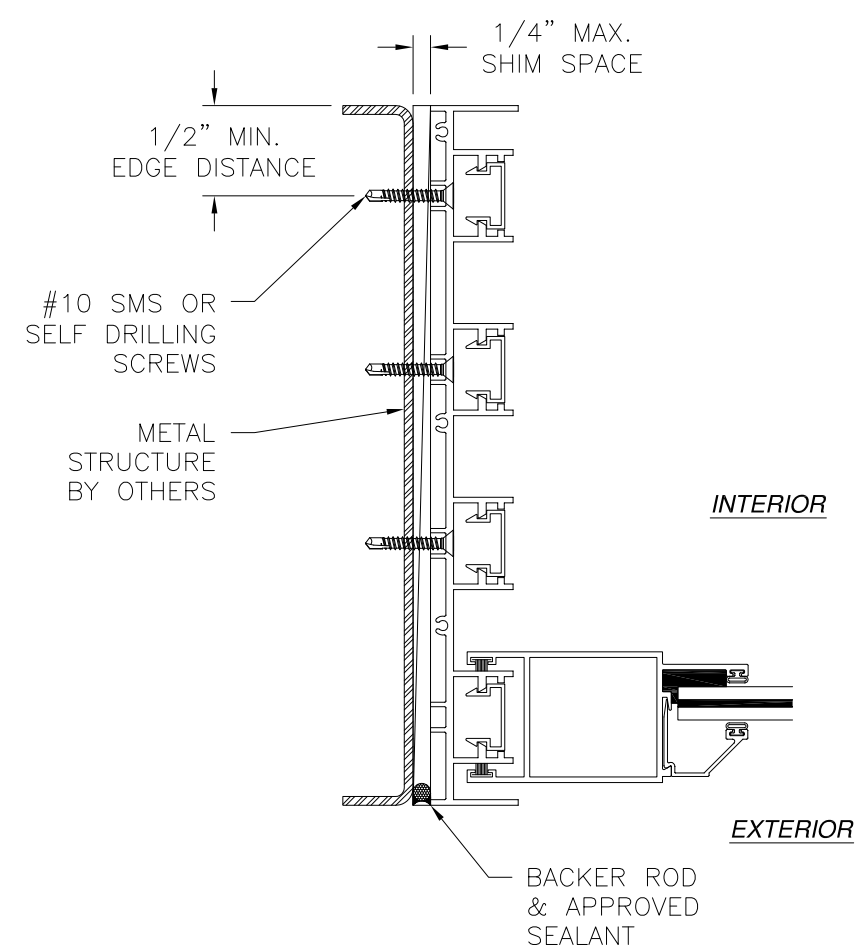
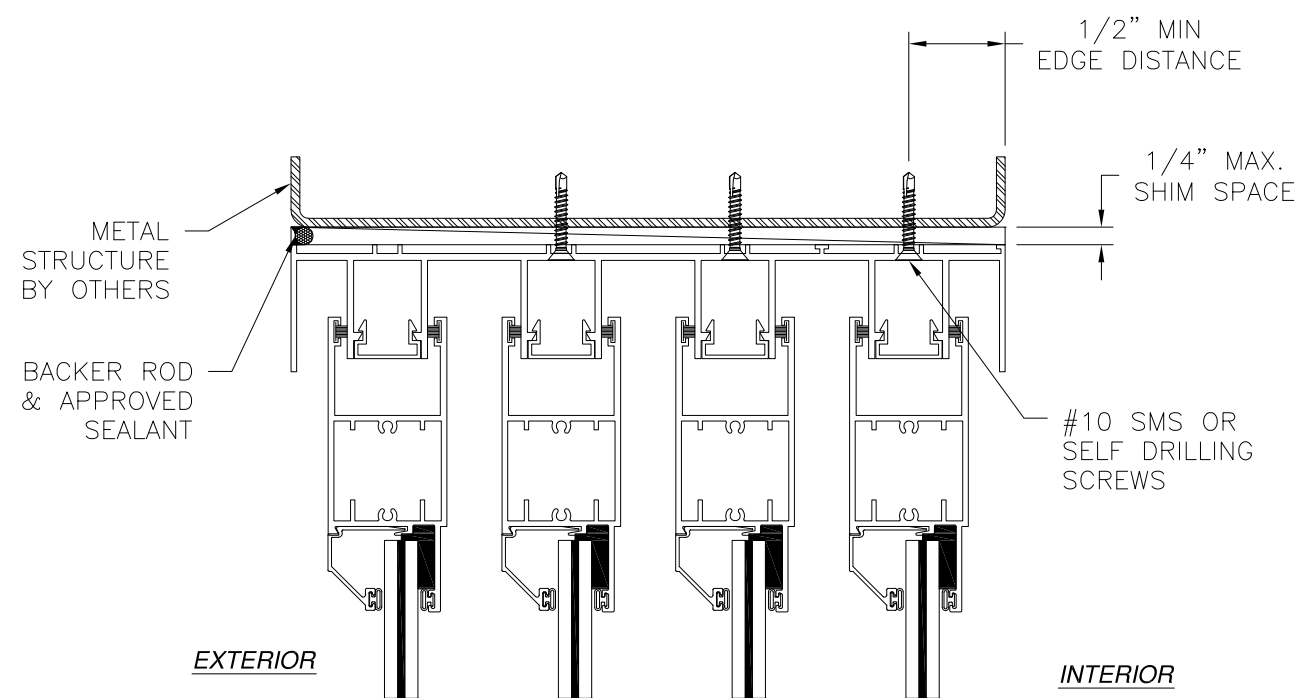
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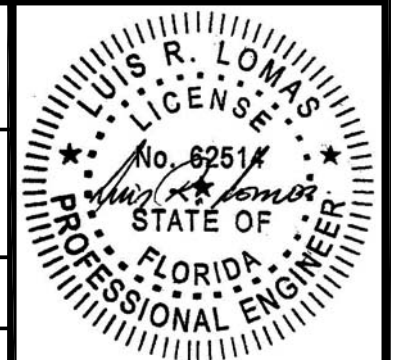
JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

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METAL STRUCTURE INSTALLATION

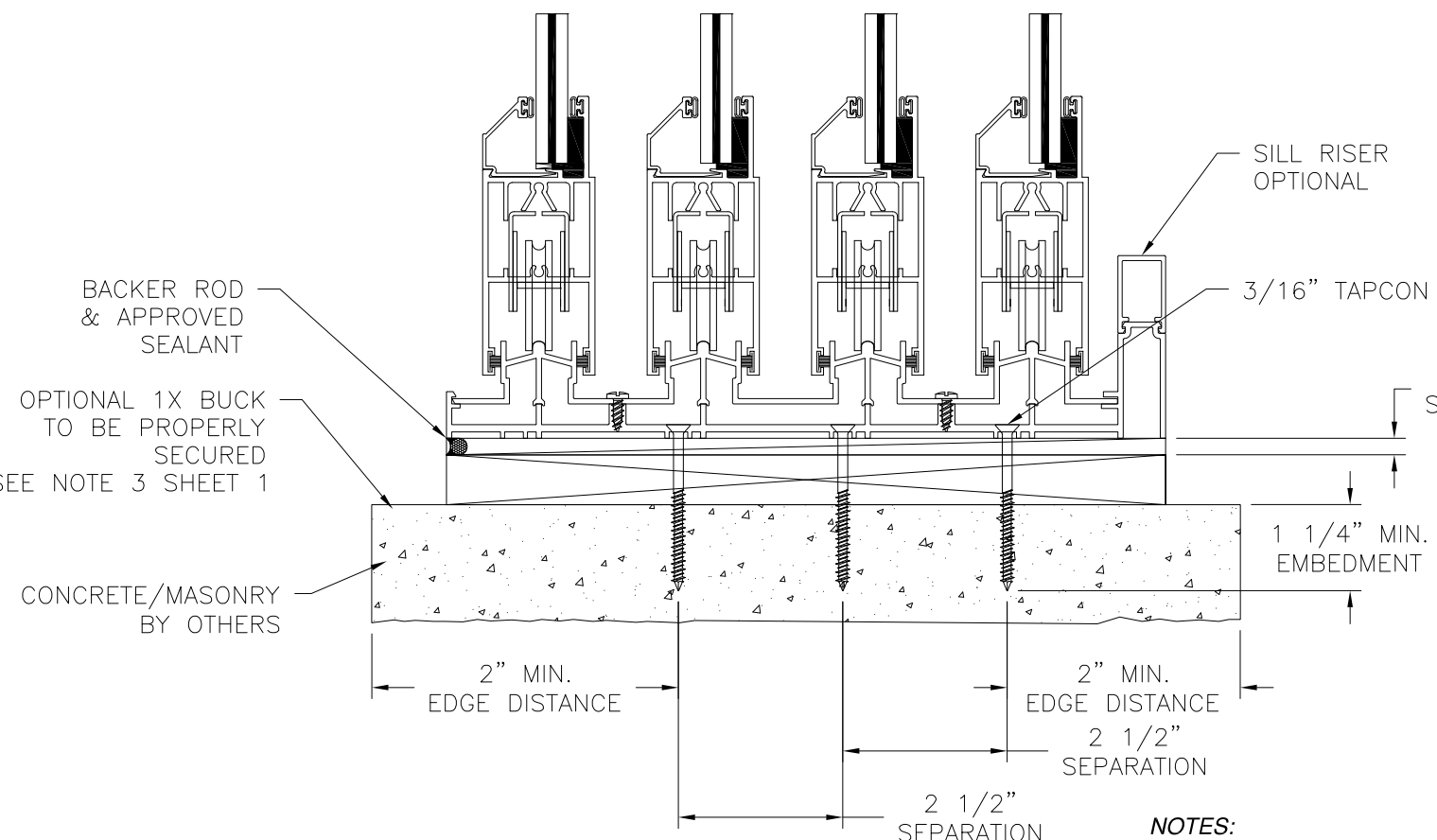
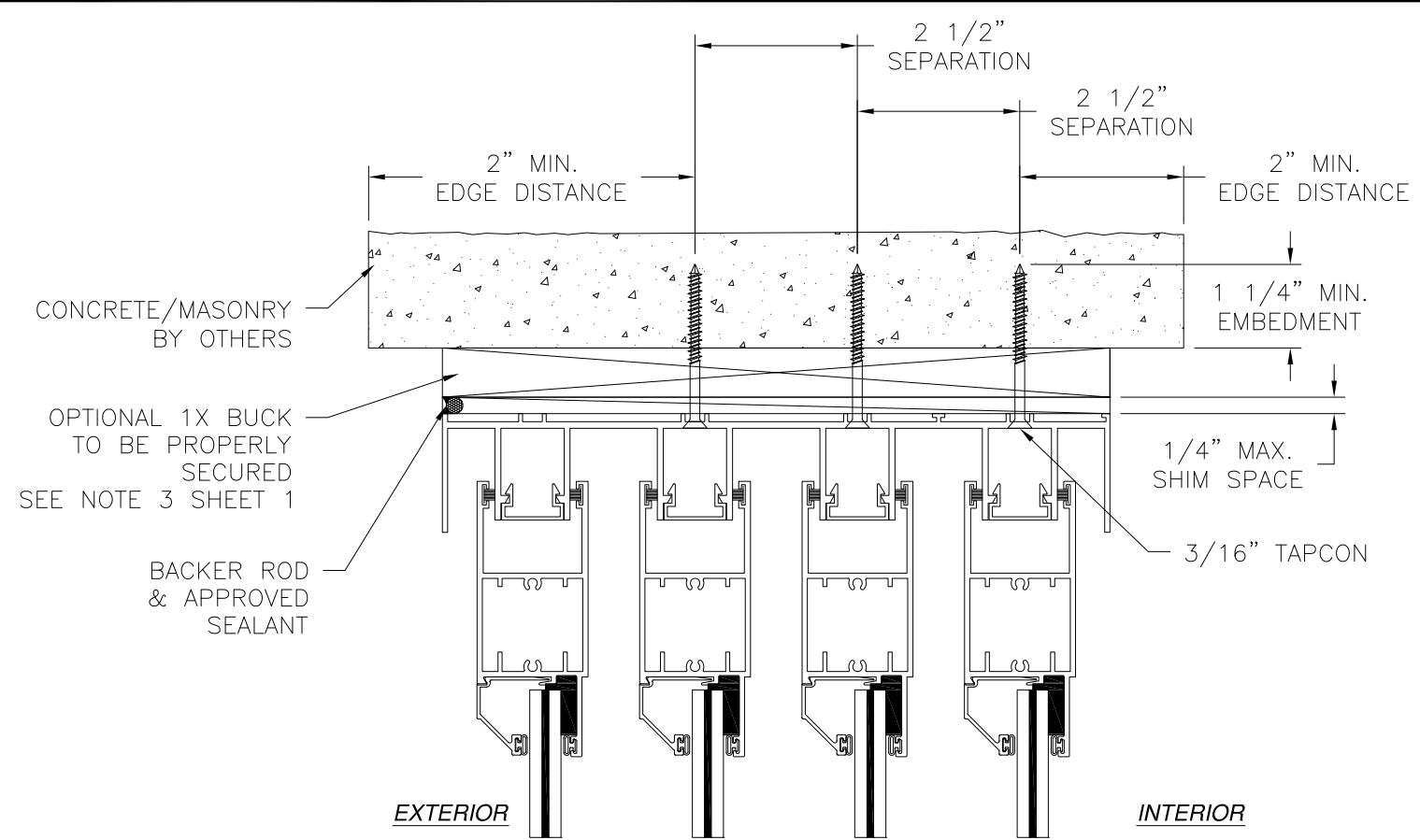
NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 01/09/2018

		EASTERN ARCHITECTURAL SYSTEMS A DIVISION OF EASTERN METAL SUPPLY 16341 DOMESTIC AVE FORT MYERS, FL 33912 800-432-2204	
SERIES 135° FD8100-LMI ALUMINUM IMPACT RATED SLIDING GLASS POCKET DOOR 4 TRACK INSTALLATION DETAILS			
DRAWN: N.G.	DWG NO. 08-02732	REV A	
SCALE NTS	DATE 06/17/15	SHEET 10 OF 12	
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com			



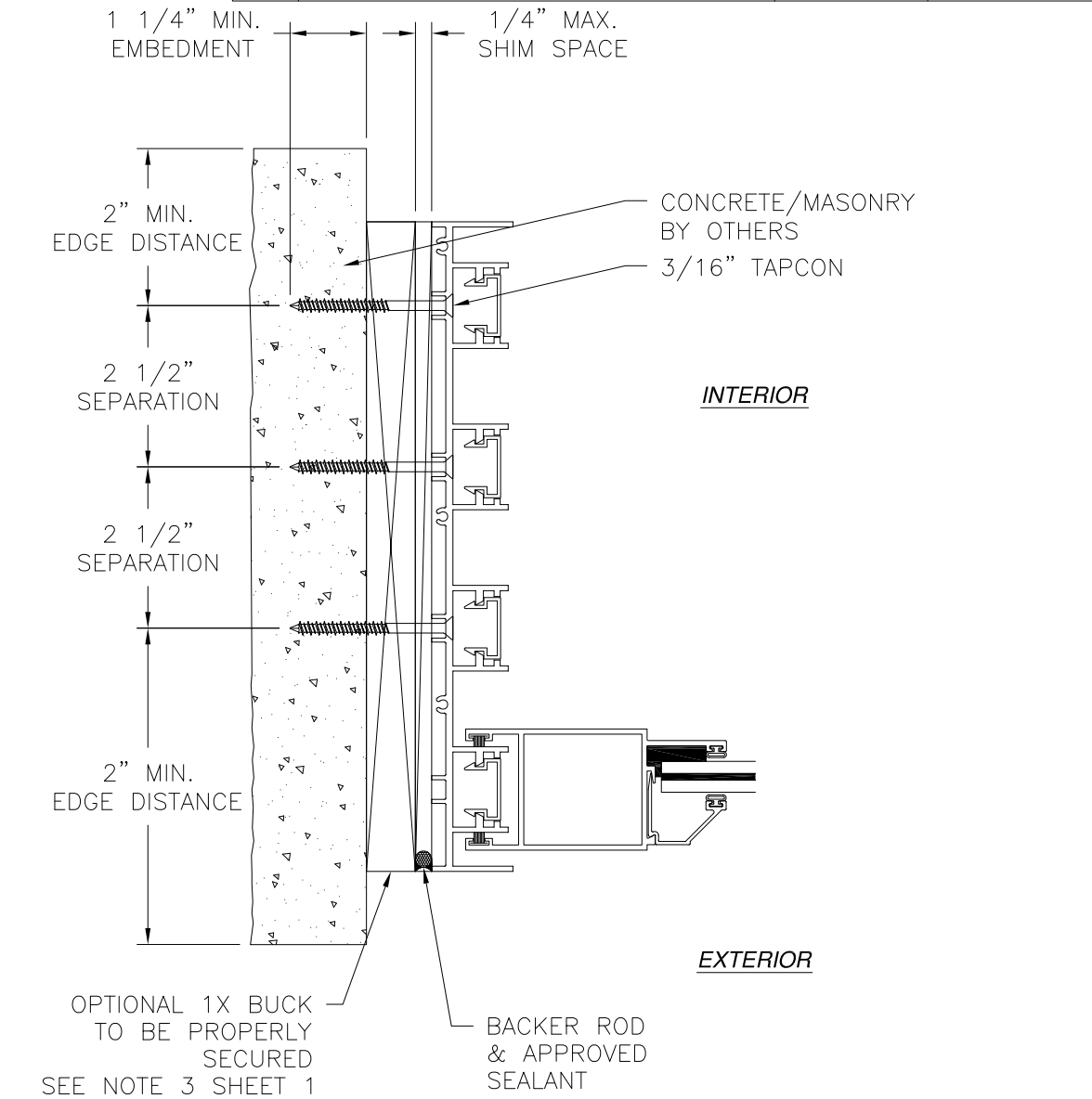
Luis R. Lomas P.E.
FL No.: 62514



**VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION**

NOTES:
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	01/09/18	R.L.



**JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION**

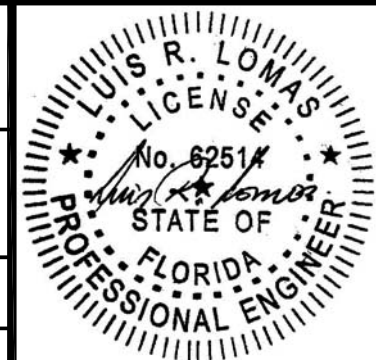
SIGNED: 01/09/2018

Eastern ARCHITECTURAL SYSTEMS
 ALUMINUM AND VINYL IMPACT WINDOWS AND DOORS
 EASTERN ARCHITECTURAL SYSTEMS
 A DIVISION OF
 EASTERN METAL SUPPLY
 16341 DOMESTIC AVE
 FORT MYERS, FL 33912
 800-432-2204

SERIES 135° FD8100-LMI ALUMINUM
 IMPACT RATED SLIDING GLASS POCKET DOOR
 4 TRACK INSTALLATION DETAILS

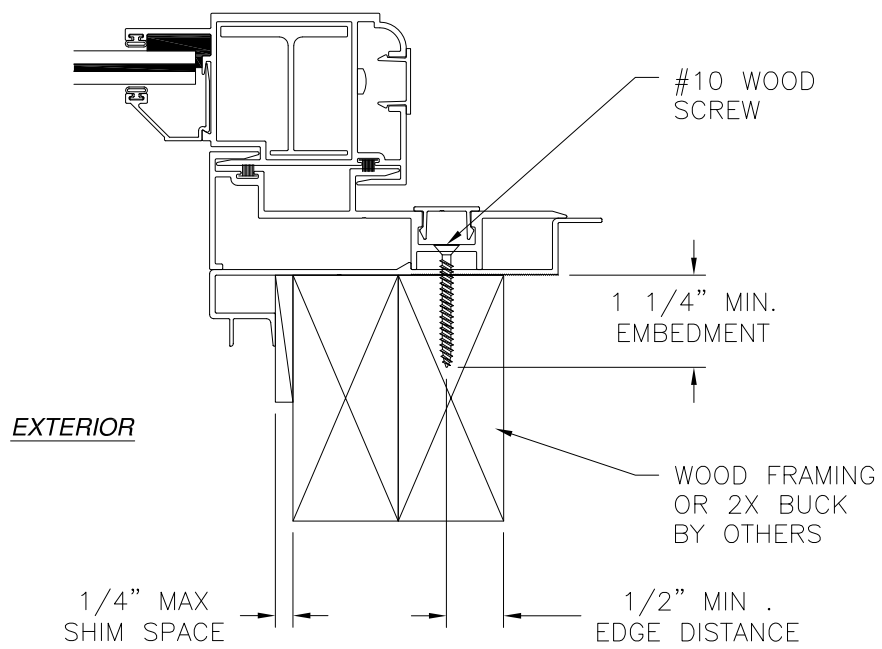
DRAWN: N.G.	DWG NO. 08-02732	REV A
SCALE NTS	DATE 06/17/15	SHEET 11 OF 12

L. ROBERTO LOMAS P.E.
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 434-688-0609 rllomas@rlomaspe.com



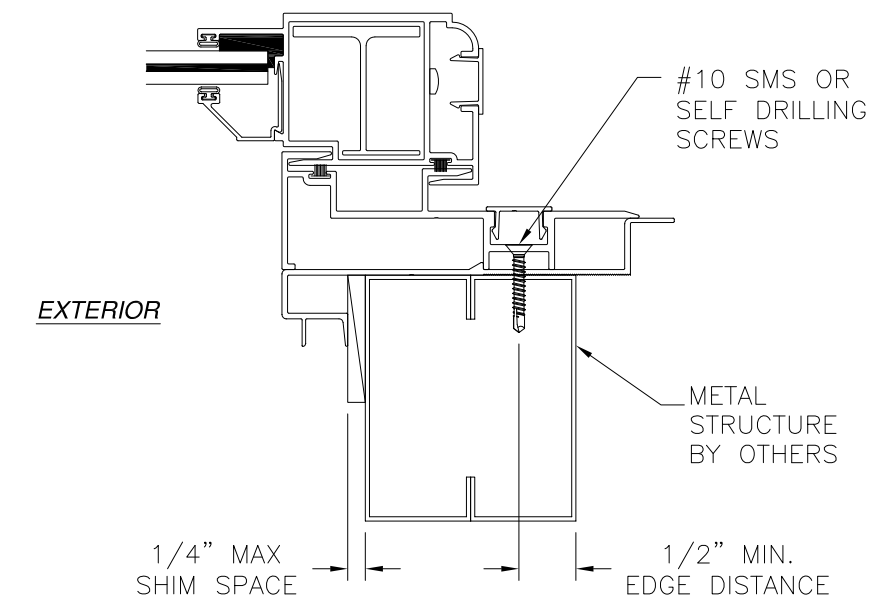
Luis R. Lomas P.E.
 FL No.: 62514

INTERIOR



HOOK INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

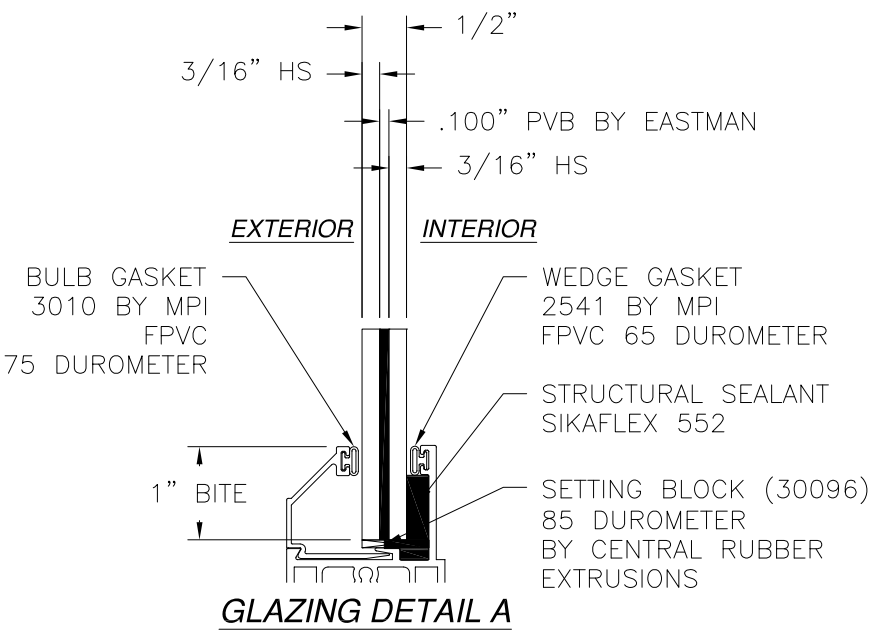
INTERIOR



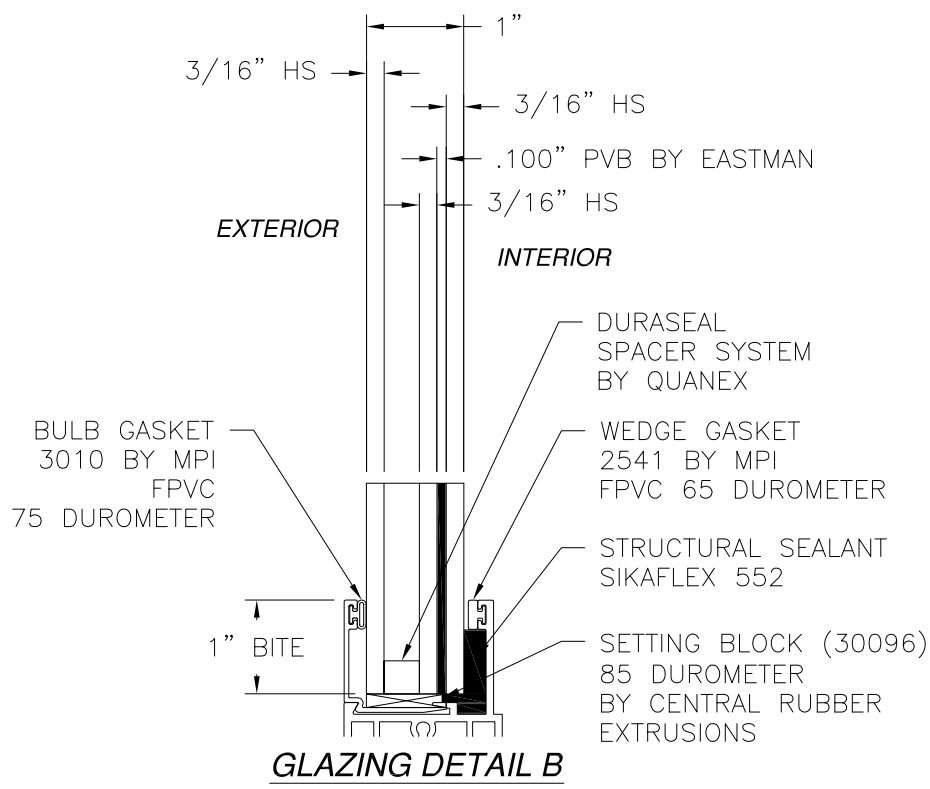
HOOK INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW REQUIREMENTS	01/09/18	R.L.

NOTES:
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GLAZING DETAIL A

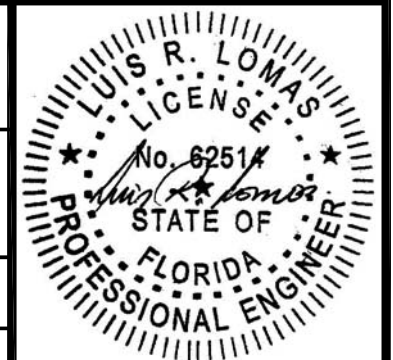


GLAZING DETAIL B

SERIES 135° FD8100-LMI ALUMINUM IMPACT RATED SLIDING GLASS POCKET DOOR INSTALLATION DETAILS		
DRAWN: N.G.	DWG NO. 08-02732	REV A
SCALE NTS	DATE 06/17/15	SHEET 12 OF 12

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SIGNED: 01/09/2018



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