

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED PER NEW CODE	09/11/2023	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 METAL STRUCTURE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
4. SHIM AS NEEDED 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”.
5. SHIMS SHALL BE LOCATED, APPLIED AND MADE FROM MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
6. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
7. FRAME MATERIAL: WHITE RIGID PVC .065” THICK.
8. UNITS MUST BE GLAZED PER ASTM E1300, WITH SAFETY GLAZING.
9. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2” MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING THROUGH FIN INTO METAL STRUCTURE USE #8 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:
- 13.1. WOOD – MINIMUM SPECIFIC GRAVITY OF G=0.42
- 13.2. METAL STRUCTURE: STEEL 18GA (.048”) FY=33KSI/FU=52KSI OR ALUMINUM 6063-T5 FU=30KSI .125” THICK MINIMUM

SIGNED: 09/28/2023

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MAGNOLIA WINDOW & DOOR

1000 PYRATICH DR
BALDWIN, GA 30511

5957 SLIDING GLASS DOOR

71 1/2” X 79 1/2”

NOTES

DRAWN: TJH

DWG NO. 08-00745

REV C

SCALE NTS

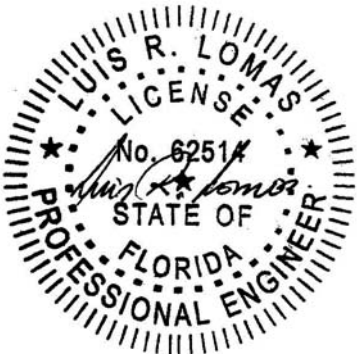
DATE 04/27/09

SHEET 1 OF 4

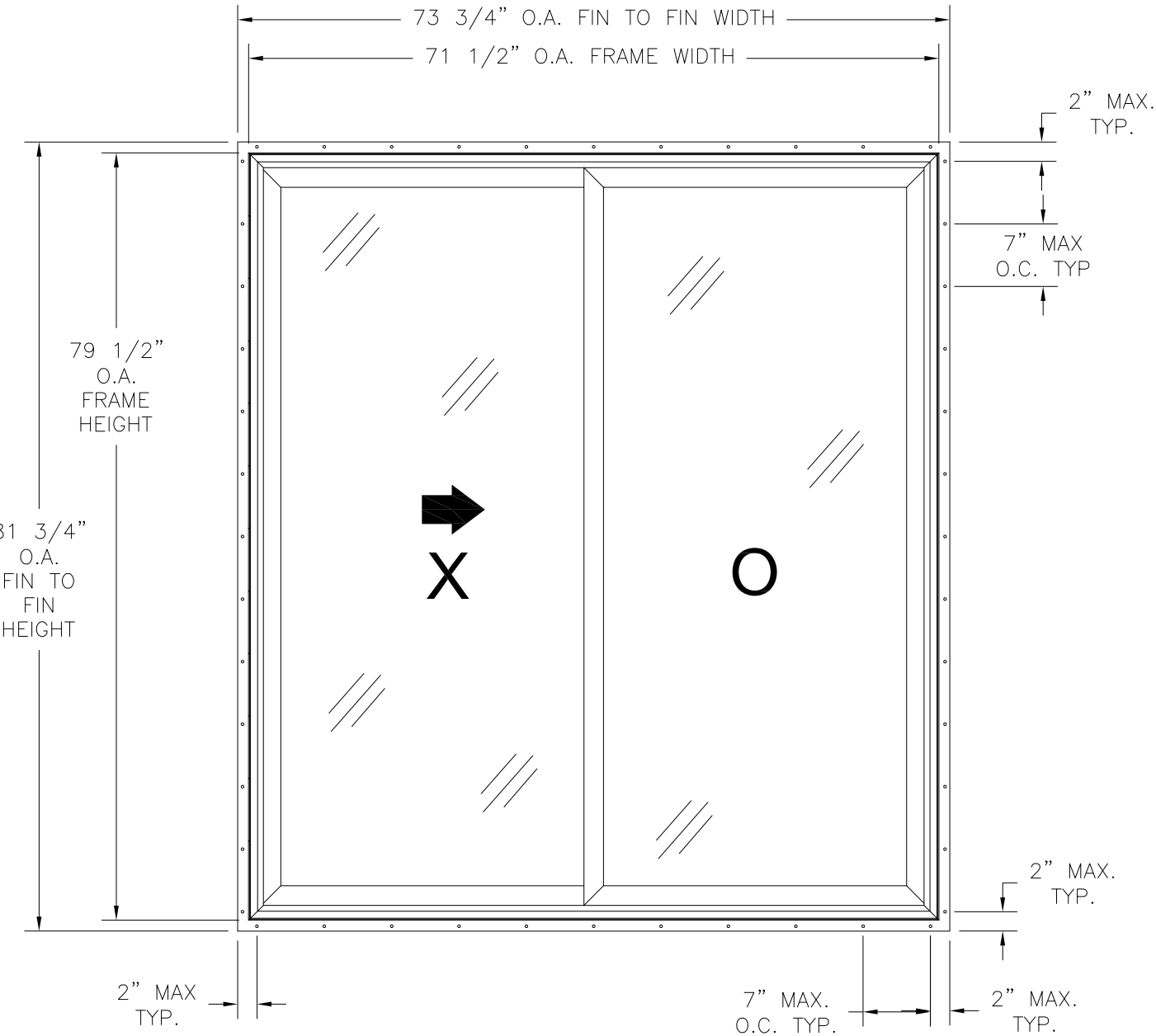
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5957 SLIDING GLASS DOOR
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+25.0/-30.0PSF	NONE

FOR OTHER SIZES SEE CHART #1, SHEET 2

HARDWARE SCHEDULE	
A.	(1) LOCK AND HANDLE ASSEMBLY WITH MATING KEEPER AT LOCK STILE
B.	(2) METAL ROLLER ASSEMBLY AT EACH END ON BOTTOM RAIL
C.	STEEL REINFORCEMENT AT EACH MEETING STILE AND LOCK STILE

- NOTES:
1. PANEL SIZE: 36 1/4" X 76 1/2"
2. D.L.O.: 32" x 72"

WEEP HOLES:

- A. (2) 1/2" X 1/4" WEEPSLOTS WITH FLAP LOCATED AT EACH END ON EXTERIOR SILL FACE
B. (2) 1/8" X 1/8" WEEPSLOTS LOCATED AT EACH END ON SILL SCREEN TRACK
C. (2) 3/4" X 3/16" WEEPSLOTS LOCATED AT EACH END ON SILL INTERIOR TRACK
D. (2) 3/4" X 3/16" WEEP NOTCH LOCATED AT EACH END ON SILL INTERMEDIATE WALL
E. (2) 3/16" DIAMETER WEEP HOLE LOCATED AT EACH END ON SILL GLAZING POCKET
F. (2) 3/16" DIAMETER WEEP HOLE LOCATED AT EACH END ON SILL EQUAL LITE ADAPTER GLAZING POCKET, THROUGH TWO WALLS.
G. (4) 3/16" DIAMETER WEEP HOLE LOCATED AT EACH END ON BOTTOM RAIL GLAZING POCKET.

Chart #1
Maximum Design pressure (psf)

Frame Height (in)	Frame Width (in)											
	48.0		54.0		60.0		66.0		72.0		73.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
78.0	35.2	42.3	32.0	38.4	29.5	35.4	27.5	33.0	25.8	31.0	25.6	30.7
80.0	34.2	41.0	31.1	37.3	28.6	34.3	26.6	32.0	25.0	30.0	-	-
81.0	33.7	40.4	30.6	36.7	28.1	33.8	25.9	31.1	-	-	-	-
84.0	30.8	37.0	27.6	33.2	25.1	30.1	23.1	27.7	-	-	-	-
87.0	27.7	33.2	24.8	29.8	22.5	27.0	20.7	24.8	-	-	-	-
90.0	25.0	29.9	22.4	26.8	20.3	24.3	-	-	-	-	-	-
93.0	22.6	27.1	20.2	24.3	18.3	22.0	-	-	-	-	-	-
96.0	20.5	24.6	18.3	22.0	16.6	20.0	-	-	-	-	-	-
102.0	17.0	20.4	15.2	18.3	-	-	-	-	-	-	-	-

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5957 SLIDING GLASS DOOR
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ELEVATION

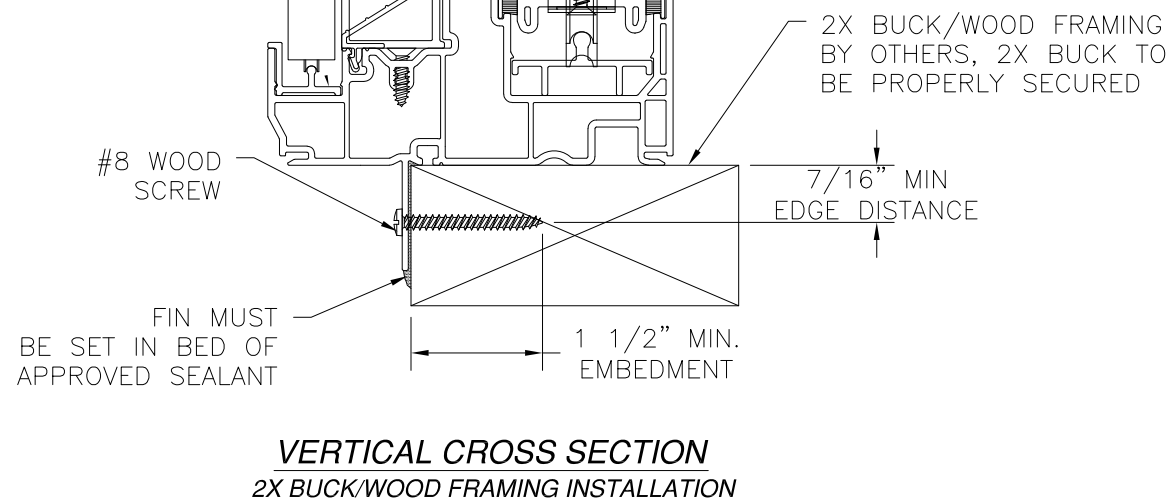
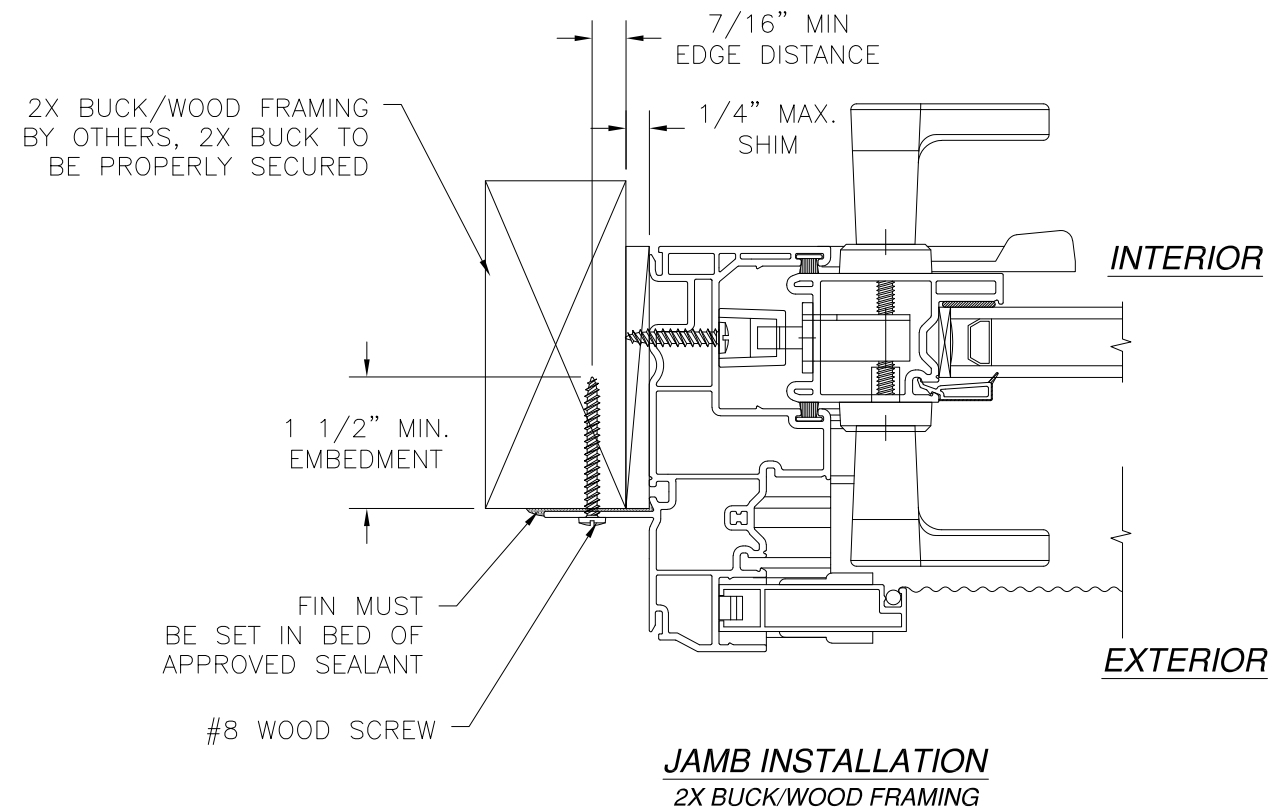
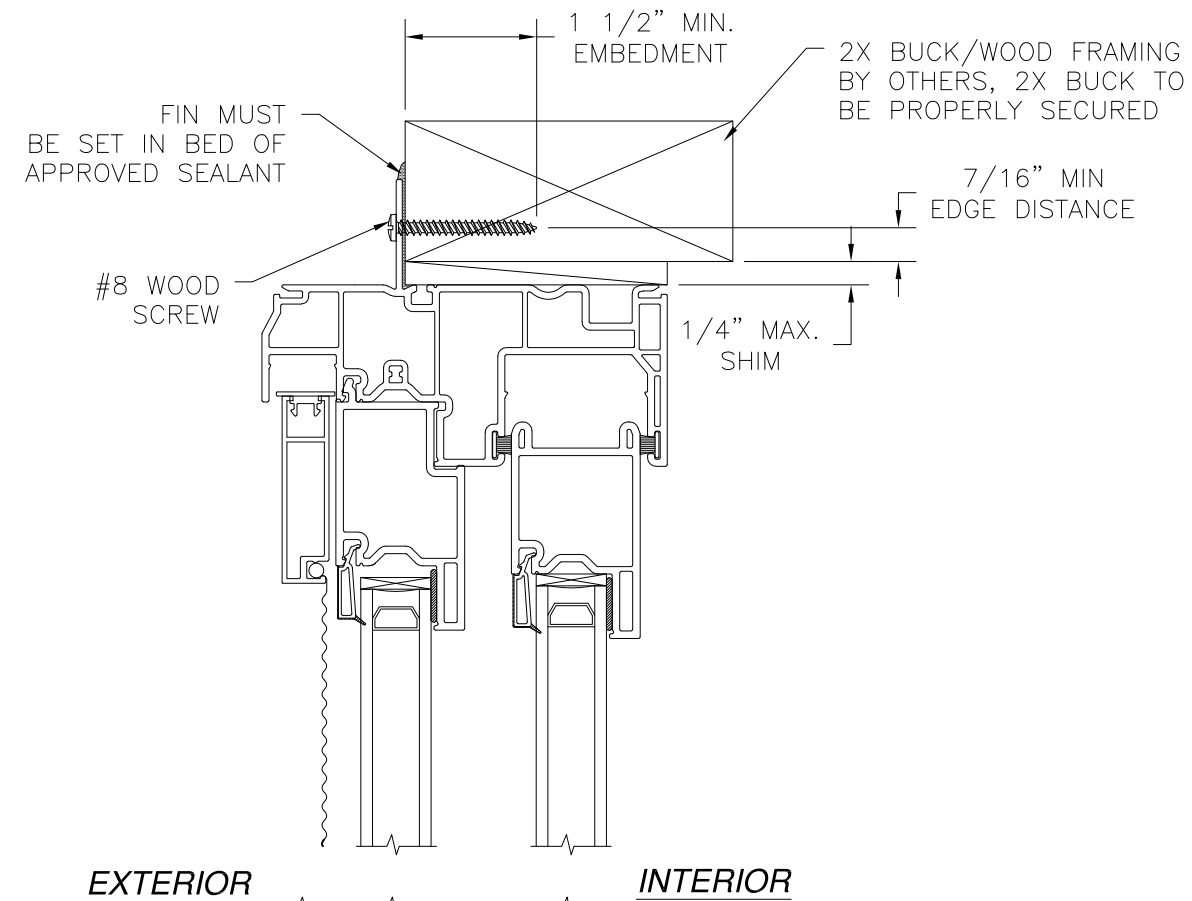
DRAWN: TJH	DWG NO. 08-00745	REV C
SCALE NTS	DATE 04/27/09	SHEET 2 OF 4
L. ROBERTO LOMAS P.E. 208 7th AVENUE, INDIALANTIC, FL 32903 434-688-0609 rllomas@lrlomaspe.com		

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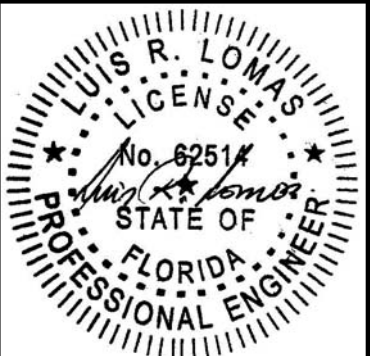
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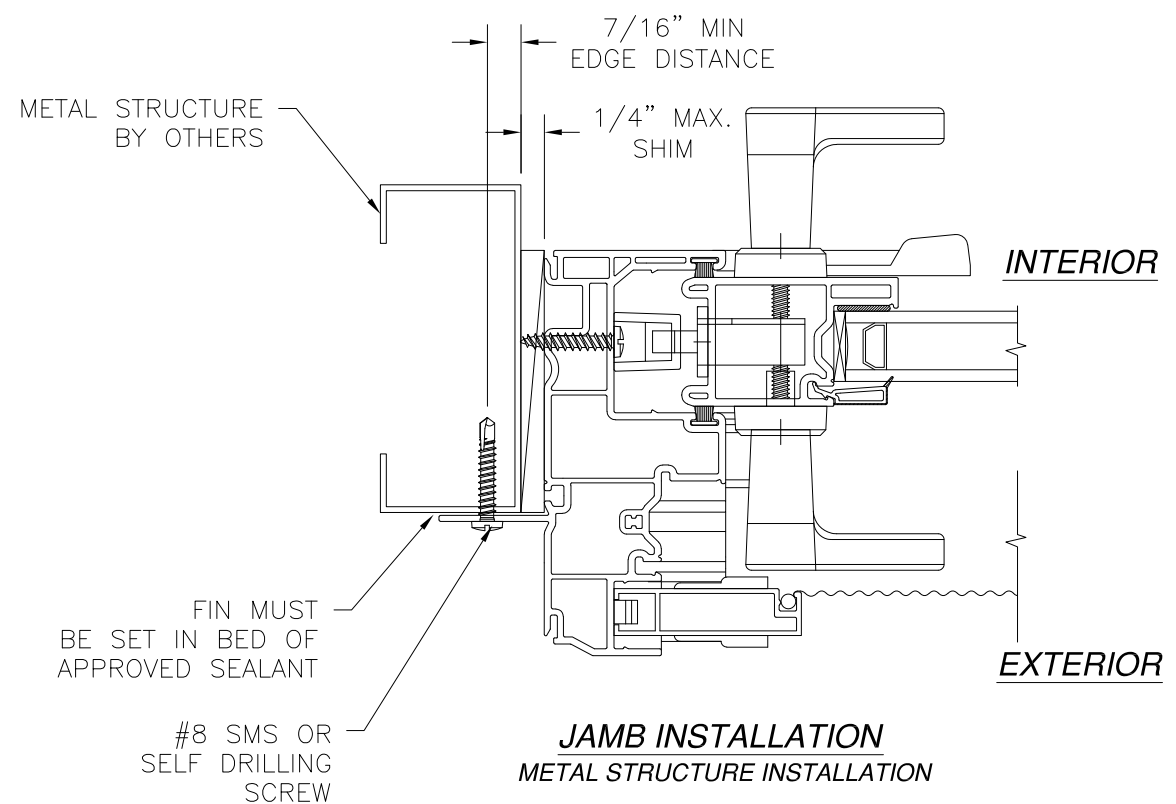
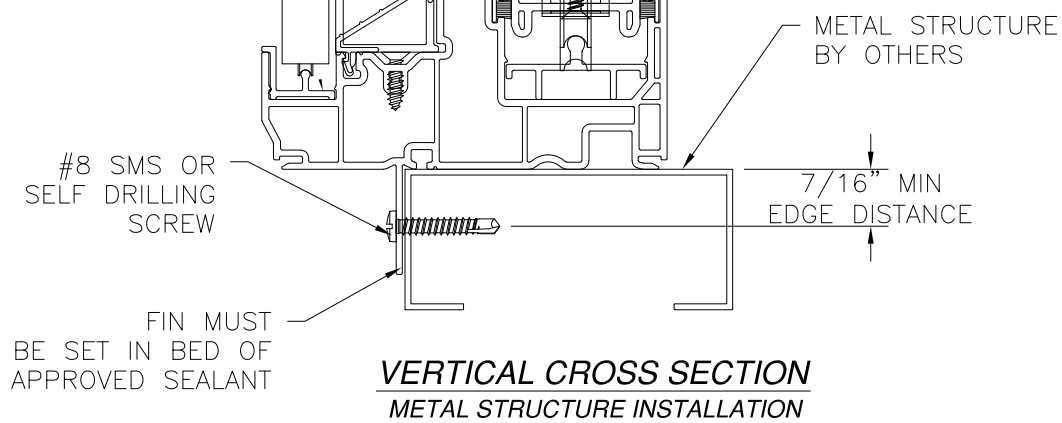
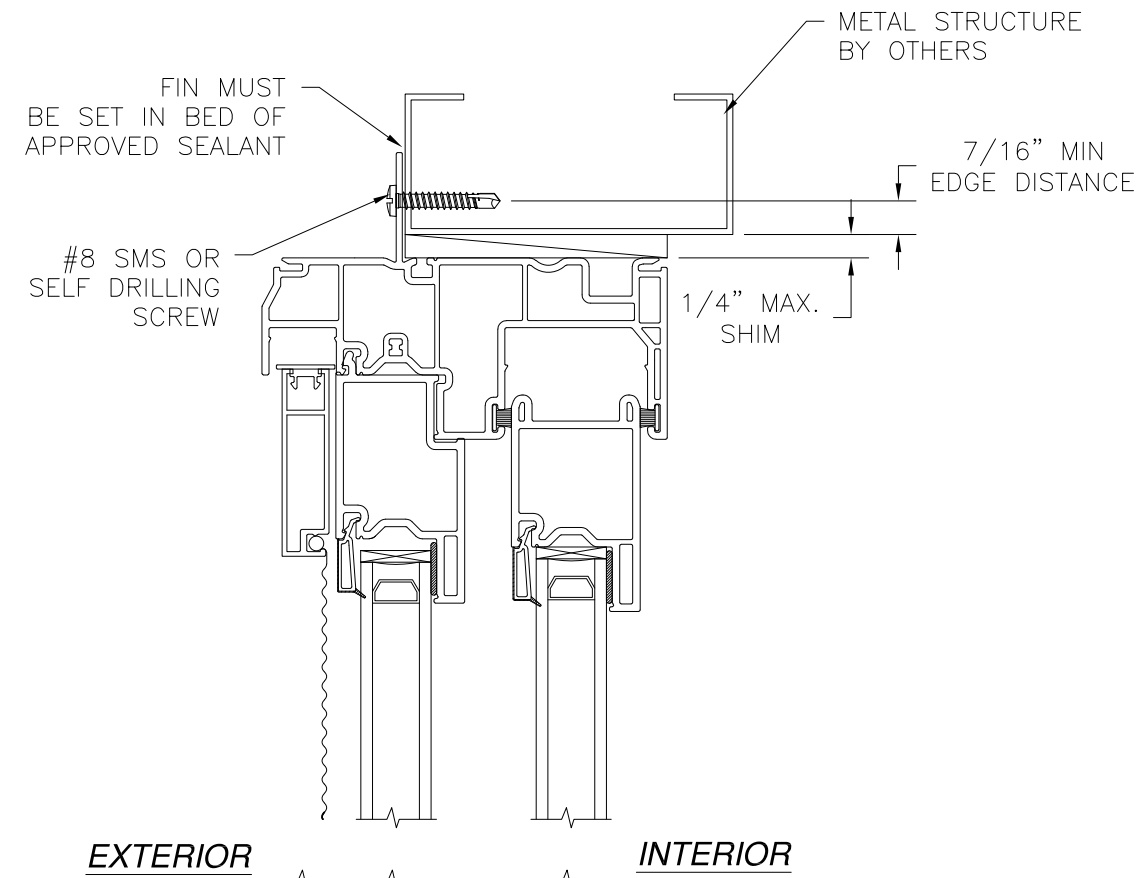
MAGNOLIA WINDOW & DOOR 1000 PYRATICH DR BALDWIN, GA 30511		
5957 SLIDING GLASS DOOR 71 1/2" X 79 1/2" INSTALLATION DETAILS		
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