

GENERAL NOTES:

- 1) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE FOR THE DESIGN PRESSURES LISTED.
- 2) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. ATTACHMENT METHOD OF WOOD BUCKS SHALL BE DONE BY OTHERS.
- 3) SEE TABLES FOR MINIMUM EDGE DISTANCE FROM CENTER OF ANCHOR TO SUBSTRATE EDGE (EXCLUDING FINISH OR STUCCO).
- 4) SHIM EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE, USING SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.
- 5) ANCHORS SHALL BE COATED OR CORROSION RESISTANT AS APPROPRIATE FOR SUBSTRATE MATERIAL. DISSIMILAR MATERIALS SHALL BE PROTECTED AS REQUIRED TO PREVENT REACTIONS. ALUMINUM SHALL BE PROTECTED FROM DISSIMILAR MATERIALS AS SPECIFIED IN FLORIDA BUILDING CODE CHAPTER 20.
- 6) ADHESIVE SEALANT SHALL BE USED BETWEEN SUBSTRATE AND FLANGE OR FIN. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS.
- 7) MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, 2.7 KSI CONCRETE AND CONCRETE MASONRY UNITS COMPLYING WITH ASTM C-90. GLAZING COMPLIES WITH ASTM E1300-04.
- 8) THE 1/3 STRESS INCREASE WAS NOT USED IN THIS ANCHOR EVALUATION. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF WOOD SCREWS.
- 9) IF THE EXACT PRODUCT SIZE IS NOT LISTED IN THE TABLES, ALWAYS ROUND UP TO THE NEXT LARGER VALUE.
- 10) PW-220 FORMERLY NAMED F6000/F6001.

ANCHOR LOCATIONS & SPACING

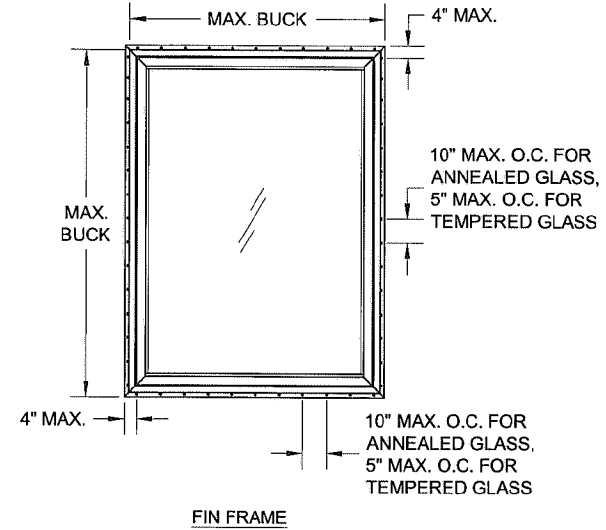
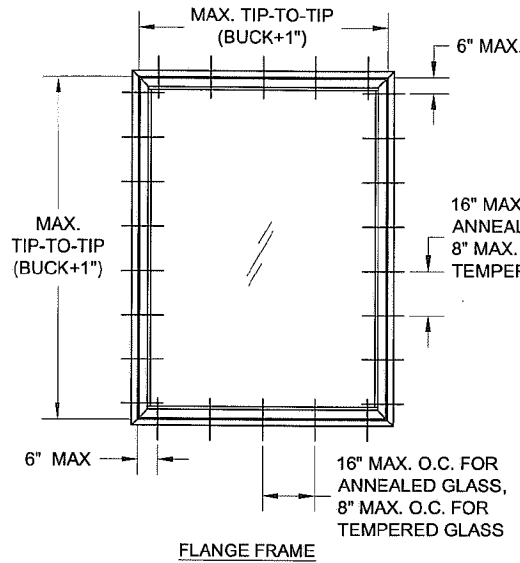


TABLE 2: ANCHORS FOR FLANGE WINDOWS

Anchor	Substrate	Min. Edge Distance	Min. Embedment
#12 Steel Screw (G5)	P.T. Southern Pine (SG = .55)	9/16"	1-3/8"
	Aluminum, 6063-T5 min.	3/8"	1/8"
	Steel Stud, Gr. 33 min.	3/8"	0.0346 (20 ga)
	A36 Steel	3/8"	1/8"
1/4" 410 SS CreteFlex	P.T. Southern Pine (SG = .55)	1"	1-3/8"
	Concrete (min. 3.35 ksi)	1"	1-3/4"
	Ungrouted CMU, (ASTM C-90)	1-3/4"	1-1/4"
1/4" Steel Ultracon	P.T. Southern Pine (SG = .55)	1"	1-3/8"
	Concrete (min. 2.7 ksi)	1"	1-3/8"
	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"

NOTE: FOR ALL METAL SUBSTRATES, SCREW EMBEDMENT SHALL BE MIN. 3 THREADS BEYOND INSIDE FACE OF MATERIAL.

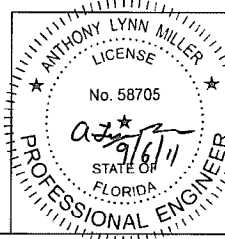
TABLE 3: ANCHORS FOR FIN WINDOWS

Anchor	Substrate	Min. Edge Distance	Min. Embedment
2-1/2" x .113" Box Nail	P.T. Southern Pine (SG = .55)	5/16"	2-7/16"
2-1/2" x .131" Common Nail	P.T. Southern Pine (SG = .55)	3/8"	2-7/16"
2-1/2" x .145" Roofing Nail	P.T. Southern Pine (SG = .55)	3/8"	2-7/16"
#10 Steel SMS	P.T. Southern Pine (SG = .55)	1/2"	1-3/8"
	Aluminum, 6063-T5 min.	3/8"	1/8"
	Steel Stud, Gr. 33 min.	3/8"	0.0346 (20 ga)
	A36 Steel	3/8"	1/8"

NOTE: FOR ALL METAL SUBSTRATES, SCREW EMBEDMENT SHALL BE MIN. 3 THREADS BEYOND INSIDE FACE OF MATERIAL.

TABLE 1: DESIGN PRESSURE

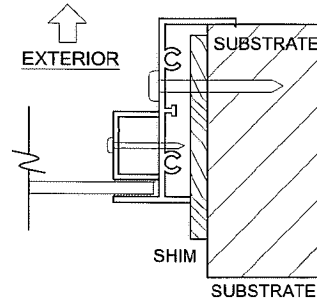
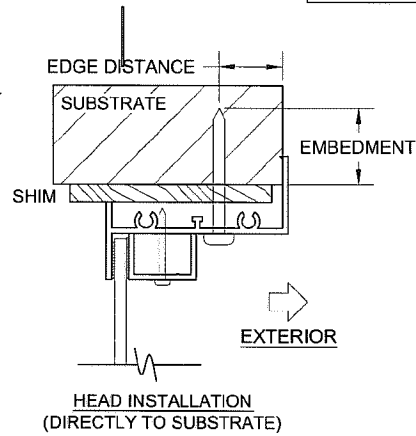
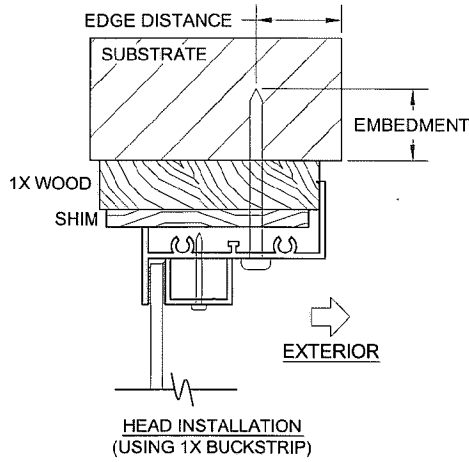
Window Size		Max. Design Pressure		Certification Numbers	Frame Type	Glazing Direction
Width	Height	(+) psf	(-) psf			
60"	76"	65	66	436	Flange or Add-on Fin	Exterior
53-1/8"	76"	30	33	437	Flange or Add-on Fin	Exterior
119"	59"	75	100	434	Integral Fin	Exterior
53-1/8"	76"	40	40	435	Integral Fin	Exterior
120"	60"	80	80	467	Flange	Interior



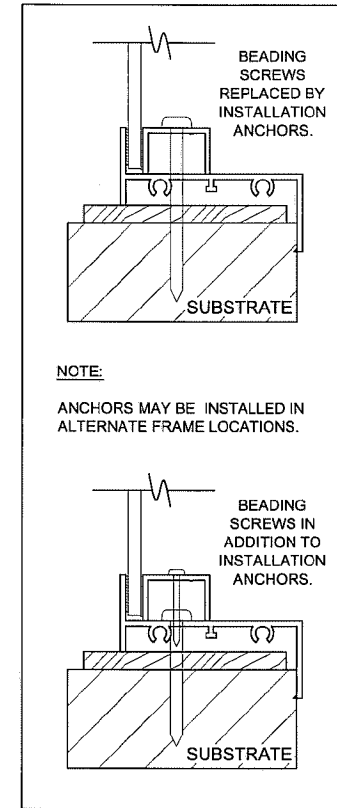
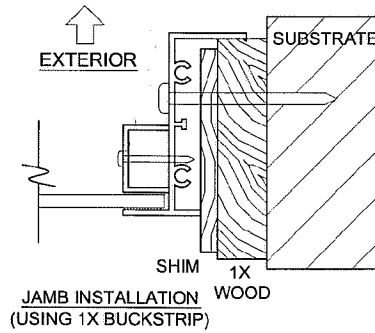
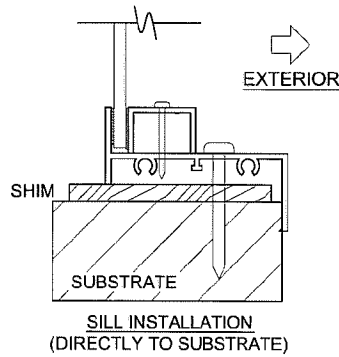
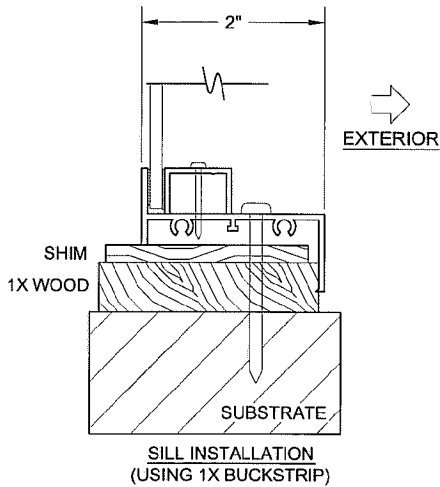
A. Lynn Miller, P.E.
P.E. #58705

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Description: Title: PICTURE WINDOW			
Series/Model: PW-220	Scale: NTS	Sheet: 1 of 4	Drawing No. 1071411JR
Rev:			

INSTALLATION WITH FLANGE FRAME

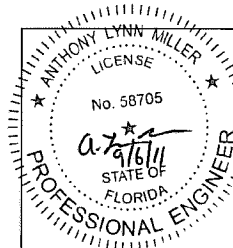


JAMB INSTALLATION
(DIRECTLY TO SUBSTRATE)



INSTALLATION NOTES:

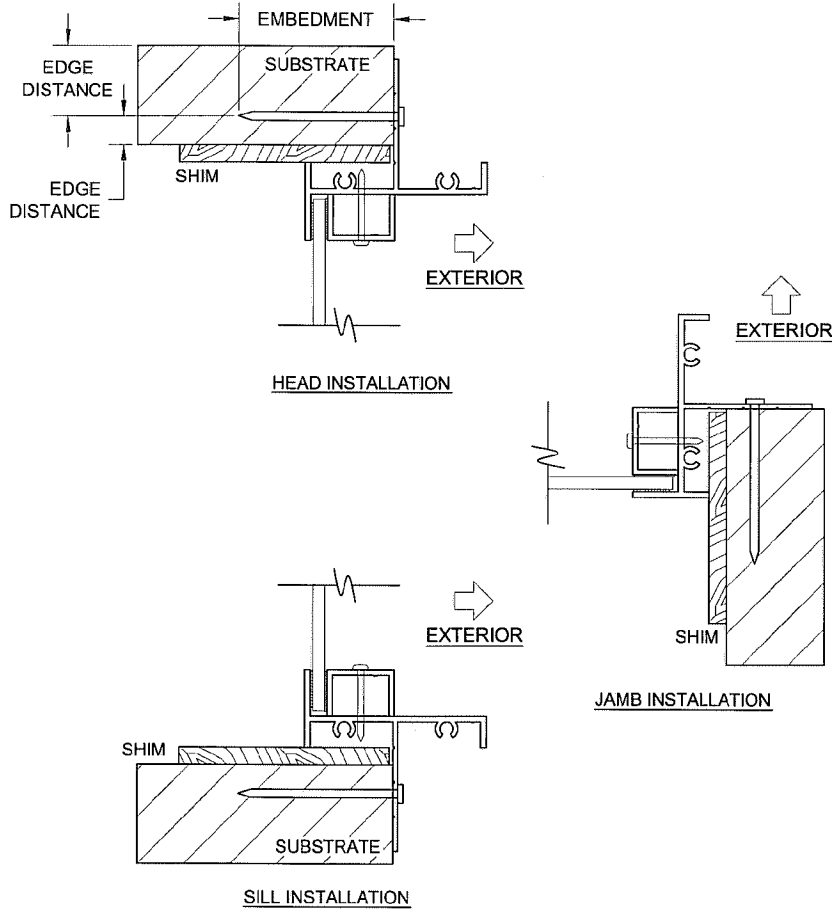
- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) SEE TABLE(S) ON SHEET 1 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
- 3) MAX. SHIM THICKNESS TO BE 1/4".
- 4) GLASS SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER TO MEET DESIGN REQUIREMENTS.
- 5) ANCHOR HEAD TYPES MAY VARY.



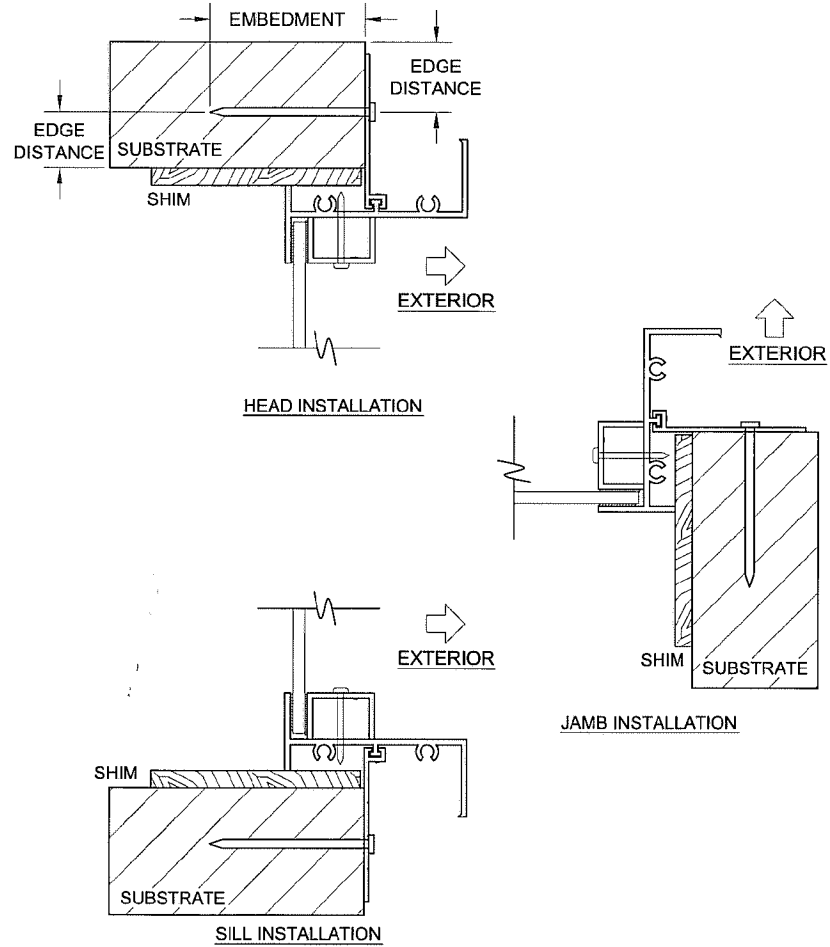
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Rev:			

INSTALLATION WITH INTEGRAL FIN FRAME

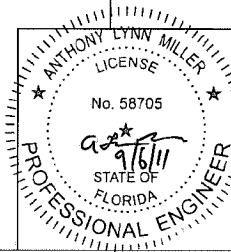


INSTALLATION WITH FLANGE FRAME & ADD-ON FIN



INSTALLATION NOTES:

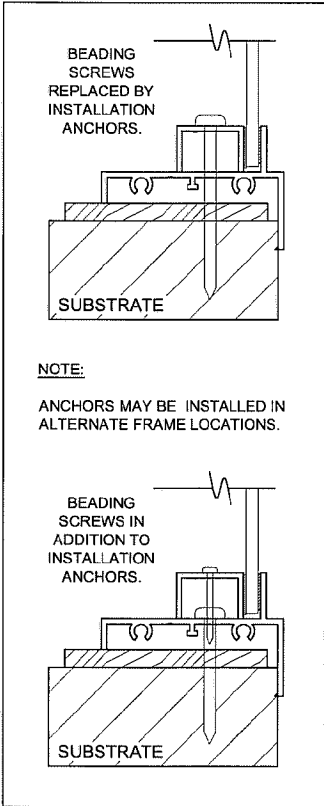
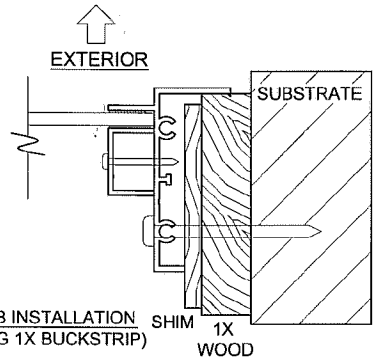
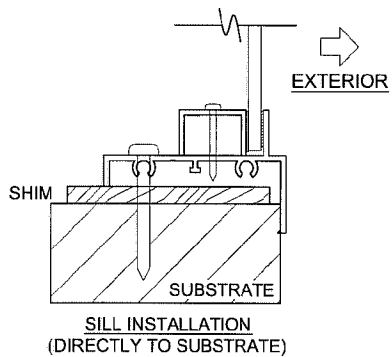
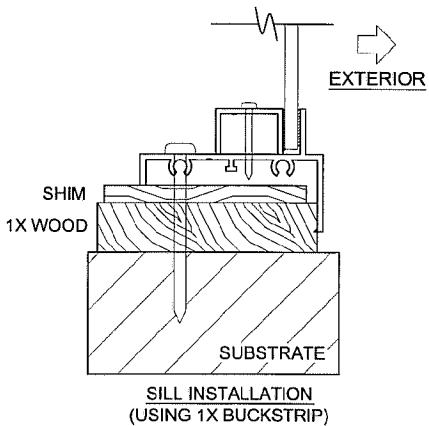
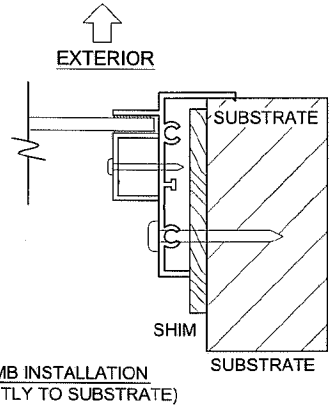
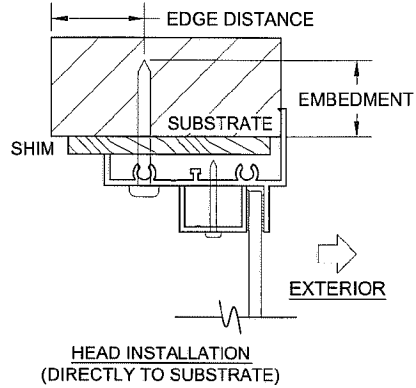
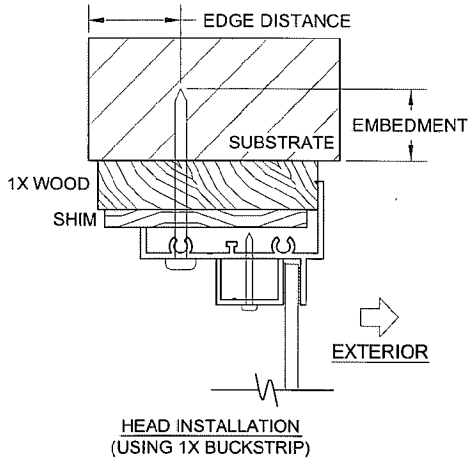
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- 5) ANCHOR HEAD TYPES MAY VARY.
- 6) FIN MAY BE REMOVED FOR EQUAL-LEG FRAME APPLICATIONS. USE FLANGE INSTRUCTIONS, SHEET 2.



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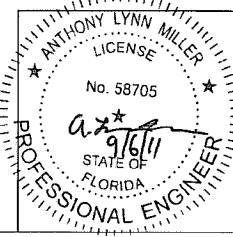
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			Rev:

INSTALLATION WITH INTERIOR-GLAZED FRAME



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