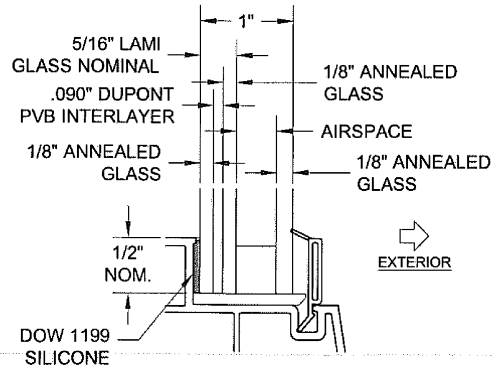


GENERAL NOTES :

- 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 TABLE 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.

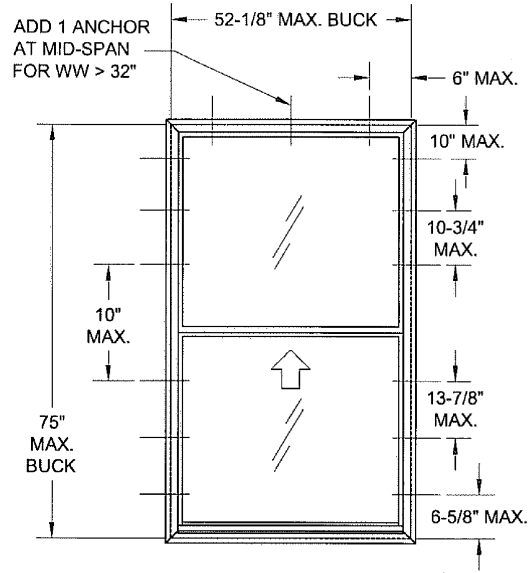
TABLE 1: FIN & FLANGE WINDOWS

Buck Size		Design Pressure		Certification Numbers	Test Reports
Width	Height	(+) psf	(-) psf		
52-1/8"	75"	60	70	190-231, 477	FTL - 5711, 5725

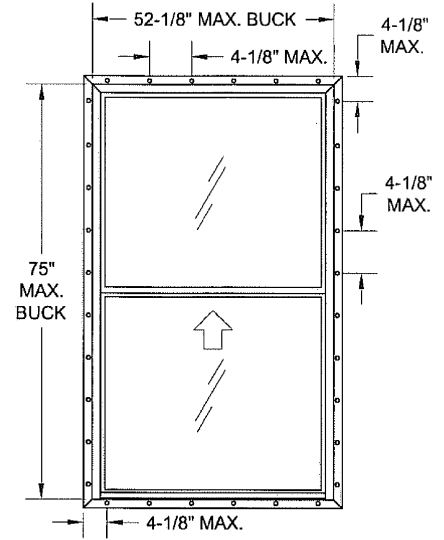


IMPACT RESISTANT

ANCHOR LOCATIONS & SPACING



FLANGE & EQUAL LEG FRAME



FIN FRAME

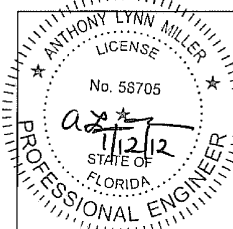
TABLE 2: FLANGE WINDOWS

Anchor Type	Substrate	Min. Edge Dist.	Min. Embedment
#10 Steel SMS	Wood (Southern Pine)	7/16"	1-3/8"
	Steel Stud Gr 33	3/8"	.045 (18 GA)
	Aluminum-6063-T5	3/8"	1/8"
	Steel, A36	3/8"	1/8"
3/16" Masonry Anchor	Concrete	1"	1-3/8"
	Hollow CMU	2-1/2"	1-1/4"

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

TABLE 3: FIN WINDOWS

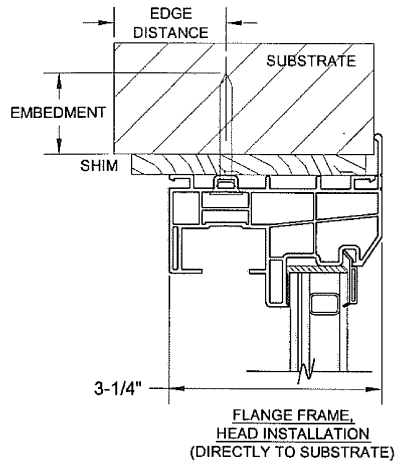
Anchor Type	Substrate	Min. Edge Dist.	Min. Embedment
1-1/2" x .135" Roofing Nail	Wood (Southern Pine)	3/8"	1-7/16"
2-1/2" x .131" Common Nail	Wood (Southern Pine)	3/8"	2-7/16"
#12 Panhead SMS	Wood (Southern Pine)	9/16"	1-3/8"
#10 Trusshead Screw	Wood (Southern Pine)	7/16"	1-3/8"



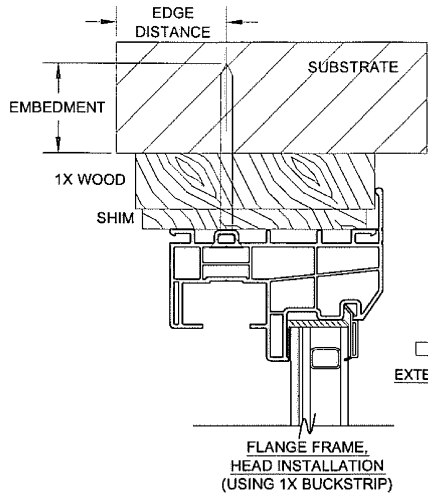
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 1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 FL CERT. OF AUTH. : 29296
 A. Lynn Miller, P.E.
 P.E. #58705

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			Rev:

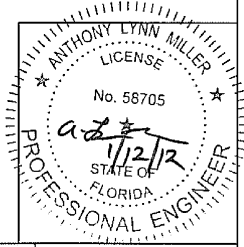
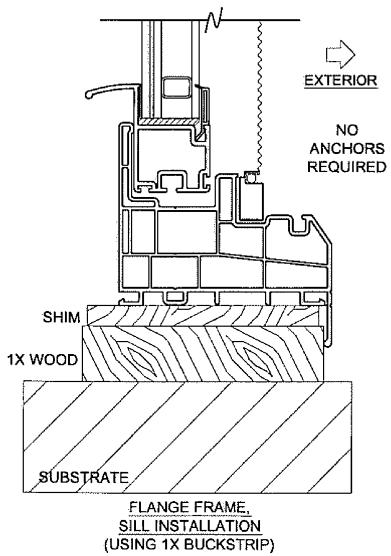
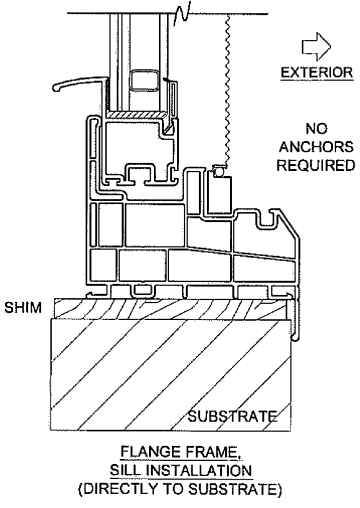
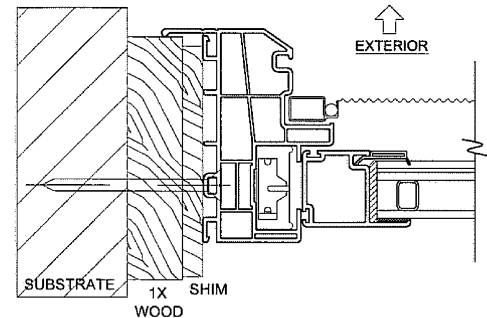
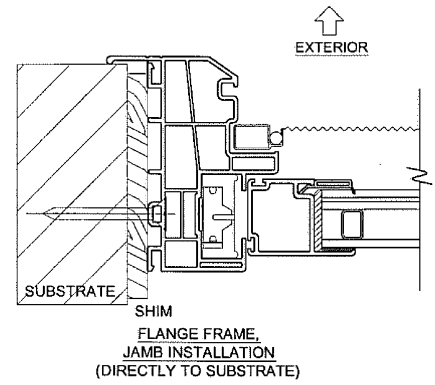
**INSTALLATION WITH FLANGE FRAME
(FIN REMOVED)**



EXTERIOR



EXTERIOR

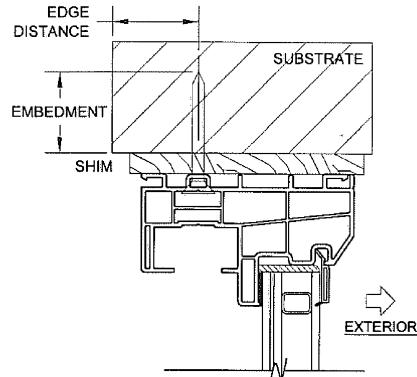


INSTALLATION NOTES:

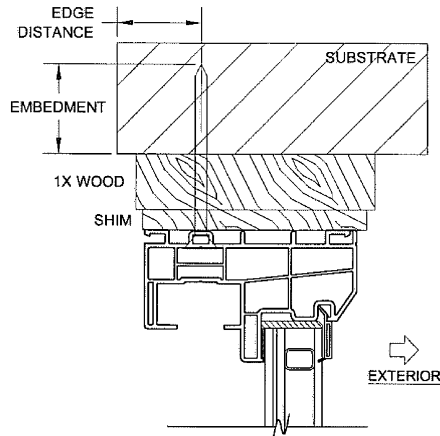
- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) SEE TABLE 2 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
- 3) MAX. SHIM THICKNESS TO BE 1/4".
- 4) ANCHORS HEAD TYPE MAY DIFFER FROM SHOWN.

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Title: SINGLE HUNG INSTALLATION				
A. Lynn Miller, P.E. P.E. #58705	Series/Model: SH-500	Scale: NTS	Sheet: 2 of 4	Drawing No. 2032511JR

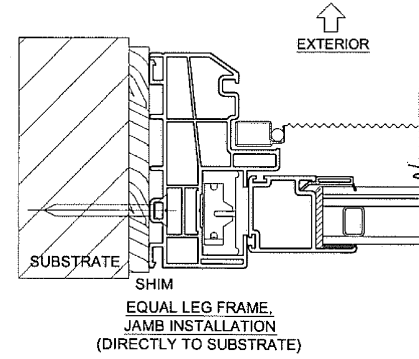
**INSTALLATION WITH EQUAL LEG FRAME
(FIN AND FLANGE REMOVED)**



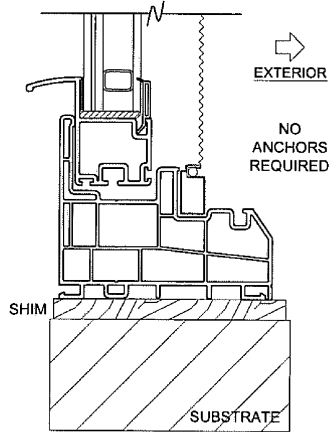
**EQUAL LEG FRAME,
HEAD INSTALLATION
(DIRECTLY TO SUBSTRATE)**



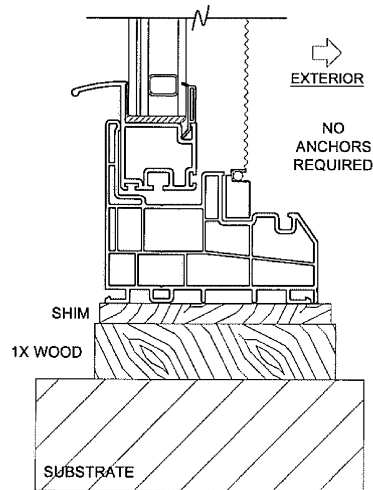
**EQUAL LEG FRAME,
HEAD INSTALLATION
(USING 1X BUCKSTRIP)**



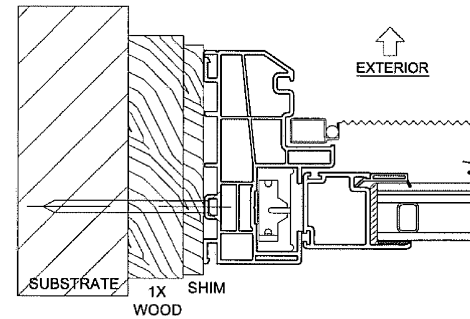
**EQUAL LEG FRAME,
JAMB INSTALLATION
(DIRECTLY TO SUBSTRATE)**



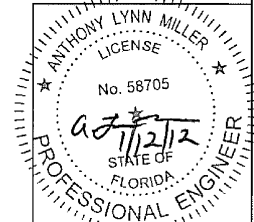
**EQUAL LEG FRAME,
SILL INSTALLATION
(DIRECTLY TO SUBSTRATE)**



**EQUAL LEG FRAME,
SILL INSTALLATION
(USING 1X BUCKSTRIP)**



**EQUAL LEG FRAME,
JAMB INSTALLATION
(USING 1X BUCKSTRIP)**

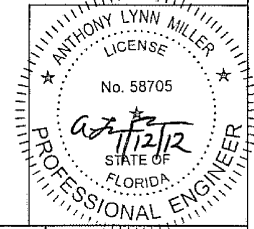
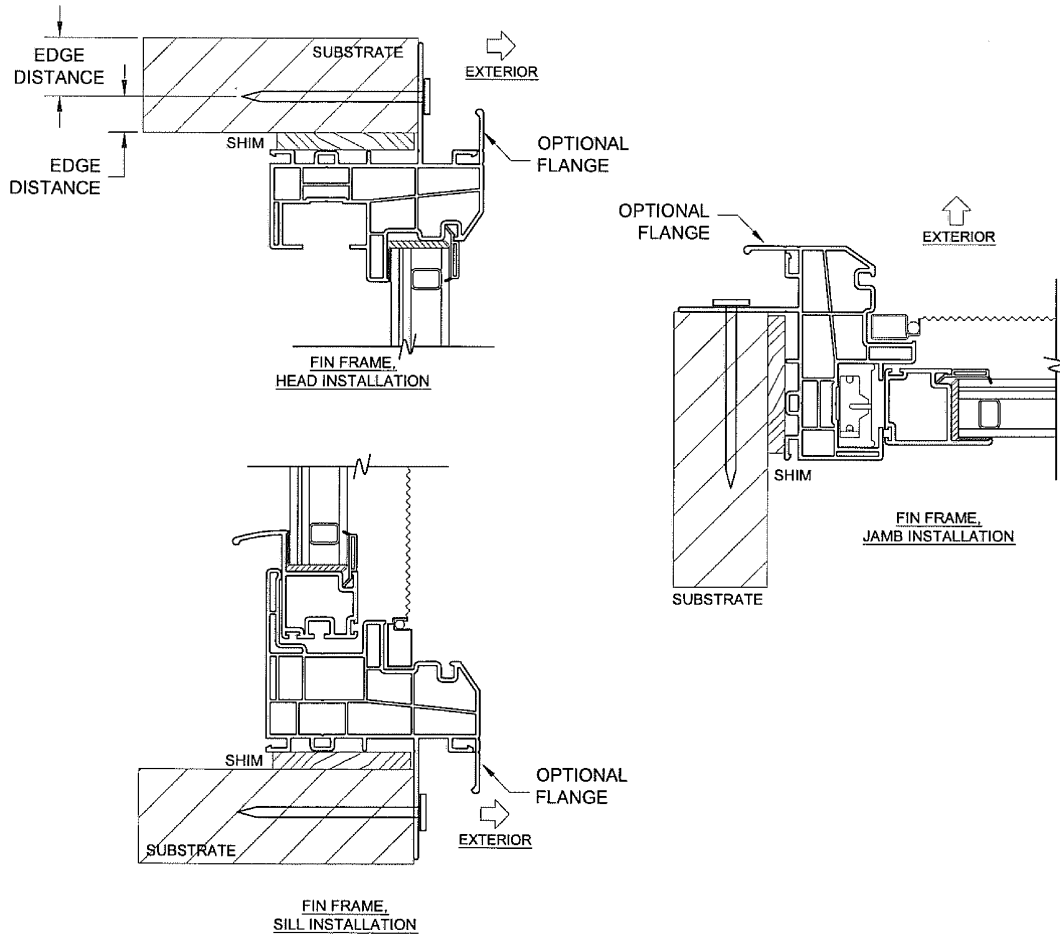


INSTALLATION NOTES:

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- 2) SEE TABLE 2 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
- 3) MAX. SHIM THICKNESS TO BE 1/4".
- 4) ANCHORS HEAD TYPE MAY DIFFER FROM SHOWN.


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Title: SINGLE HUNG INSTALLATION				
A. Lynn Miller, P.E. P.E. #58705	Series/Model:	Scale:	Sheet:	Drawing No.:
	SH-500	NTS	3 of 4	2032511JR
				Rev:

INSTALLATION WITH FIN FRAME



INSTALLATION NOTES:

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- 2) SEE TABLE 3 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
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Description: 				Title: <h3 style="text-align: center;">SINGLE HUNG INSTALLATION</h3>
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		Drawing No. 2032511JR		Rev: