

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: 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"
	Hollow CMU	1"	1-1/4"

* MINIMUM OF 3 THREADS BEYOND SUBSTRATE.

TABLE 2: FIN WINDOWS

Anchor Type	Substrate	Min. Edge Dist.	Min. Embedment
1-1/2" x .135" Roofing Nail, 2-1/2" x .113" Box Nail or 2-1/2" x .131" Common Nail	Wood (Southern Pine)	3/8"	1-7/16"
#10 x 1-1/2" Panhead SMS	Wood (Southern Pine)	9/16"	1-7/16"
	Steel Stud Gr 33*	3/8"	.045 (18 GA)
	Aluminum-6063-T5*	3/8"	1/8"
	Steel, A36*	3/8"	1/8"
#8 x 1-1/2" Trusshead Screw (or any head type with a minimum diameter of 0.364")	Wood (Southern Pine)	7/16"	1-7/16"
	Steel Stud Gr 33*	3/8"	.045 (18 GA)
	Aluminum-6063-T5*	3/8"	1/8"
	Steel, A36*	3/8"	1/8"

* MINIMUM OF 3 THREADS BEYOND SUBSTRATE.

ANCHOR LOCATIONS & SPACING

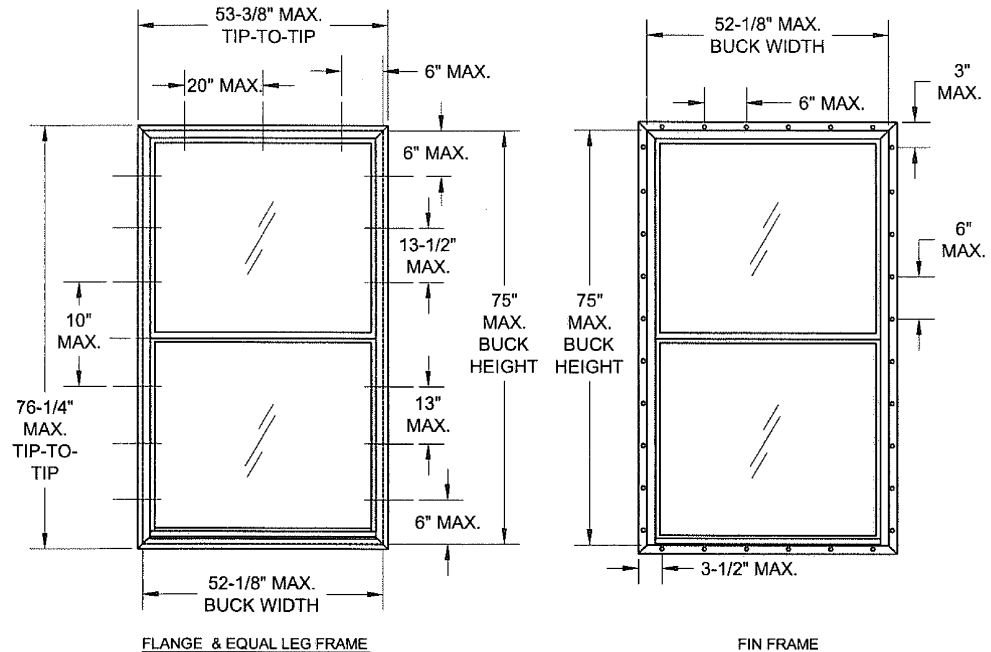
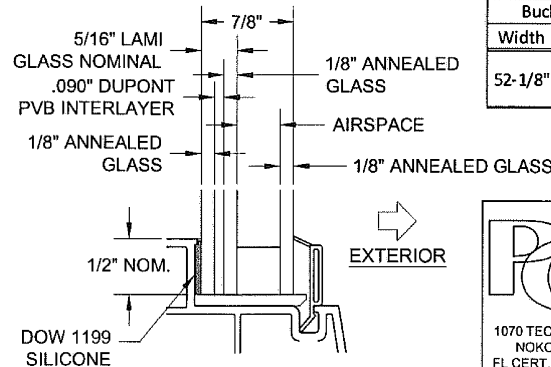
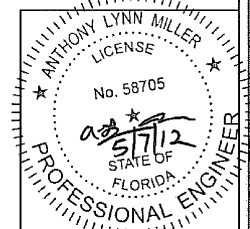


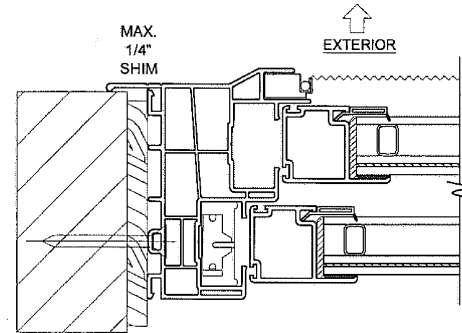
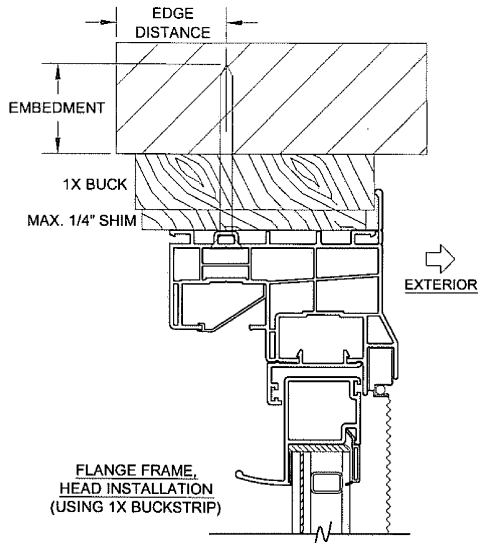
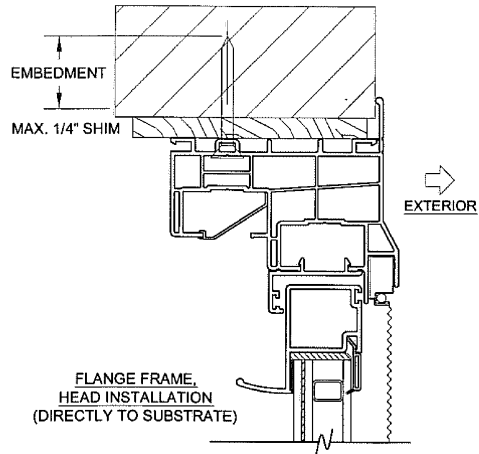
TABLE 3: FIN & FLANGE WINDOWS

Buck Size	Design Pressure	Certification	Test		
				Width	Height
52-1/8"	75"	50	50	190-272, 799	FTL-6821, 6822, 6823

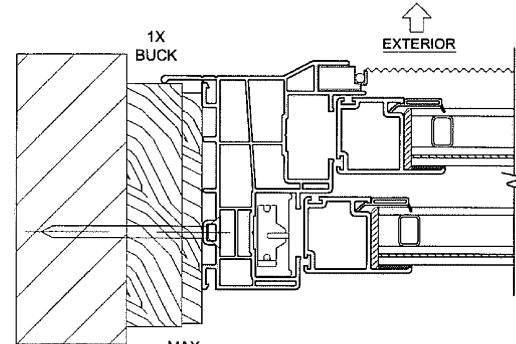


<p>1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 FL CERT. OF AUTH. : 29296</p>	Drawn By: J. ROSOWSKI Date: 04/28/11 Material: RIGID VINYL	<p>THE INFORMATION, DESIGN OR DATA CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF PGT INDUSTRIES AND CONSIDERED CONFIDENTIAL AND PROPRIETARY. NO PORTION OF THIS DOCUMENT MAY BE USED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PGT INDUSTRIES.</p>
	Title: DOUBLE HUNG INSTALLATION	
A. Lynn Miller, P.E. P.E. #58705	Sales/Model: DH-560 Scale: NTS Sheet: 1 of 4	Drawing No. 1042811JR Rev:

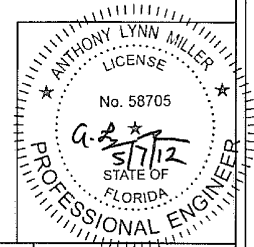
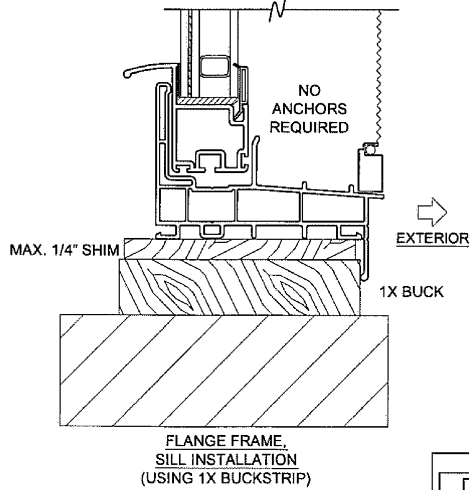
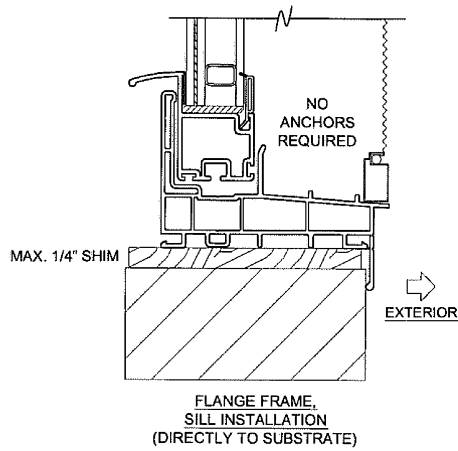
**INSTALLATION WITH FLANGE FRAME
(FIN REMOVED)**



FLANGE FRAME,
JAMB INSTALLATION
(DIRECTLY TO SUBSTRATE)



FLANGE FRAME,
JAMB INSTALLATION
(USING 1X BUCKSTRIP)

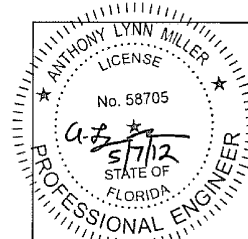
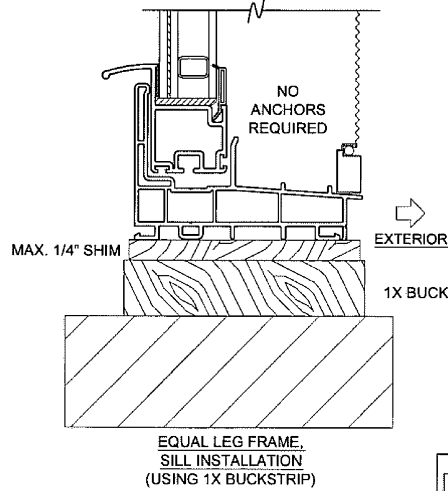
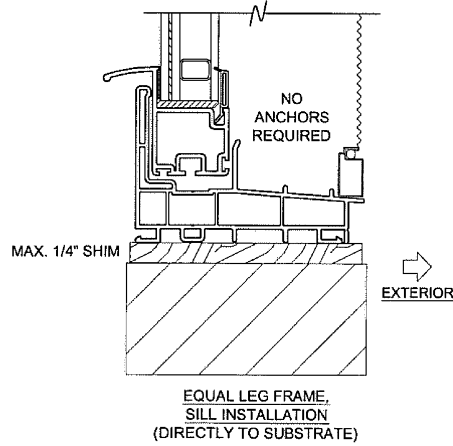
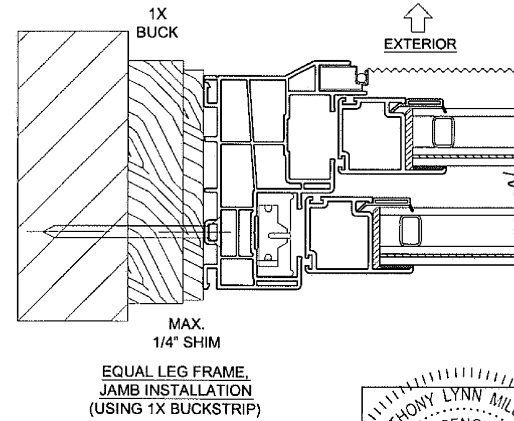
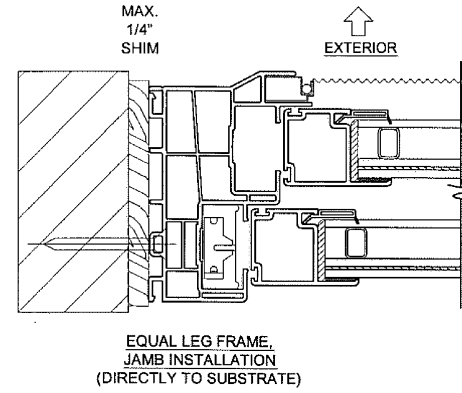
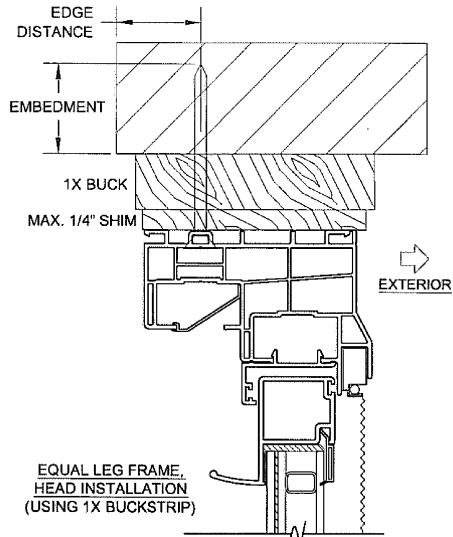
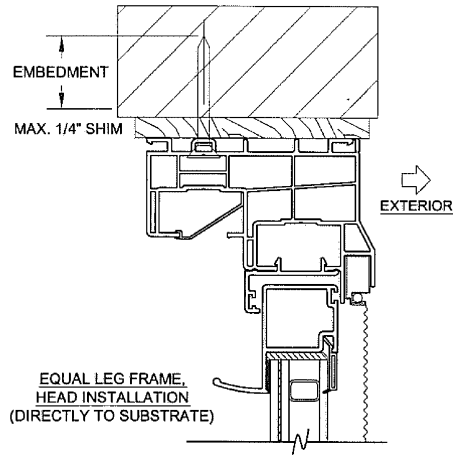


INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHORAGE, SUBSTRATE AND SPACING REQUIREMENTS.
- 2) ANCHORS HEAD TYPE MAY DIFFER FROM SHOWN.

	Drawn By: J. ROSOWSKI	Date: 04/28/11	Material: RIGID VINYL	THE INFORMATION, DESIGN OR DATA CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF PGT INDUSTRIES AND CONSIDERED CONFIDENTIAL AND PROPRIETARY. NO PORTION OF THIS DOCUMENT MAY BE USED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PGT INDUSTRIES.
	Revised By:	Date:	Revisions:	
Description:				DOUBLE HUNG INSTALLATION
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 FL CERT. OF AUTH. : 29296				
A. Lynn Miller, P.E. P.E. #58705	Series/Model: DH-560	Scale: NTS	Sheet: 2 of 4	Drawing No. 1042811JR

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

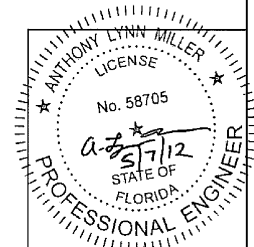
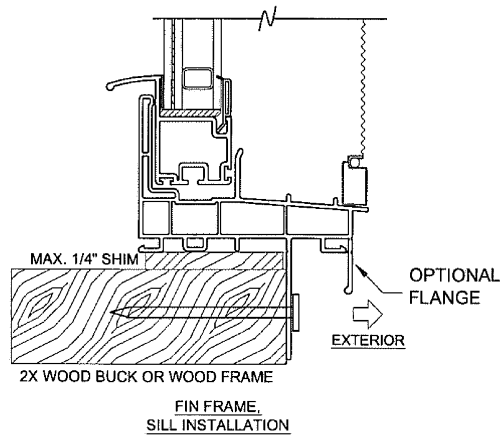
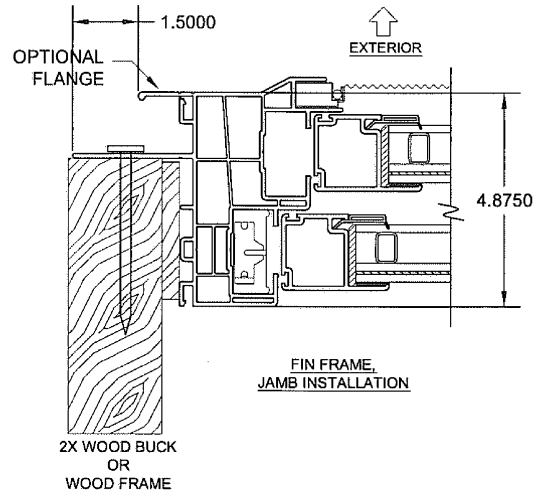
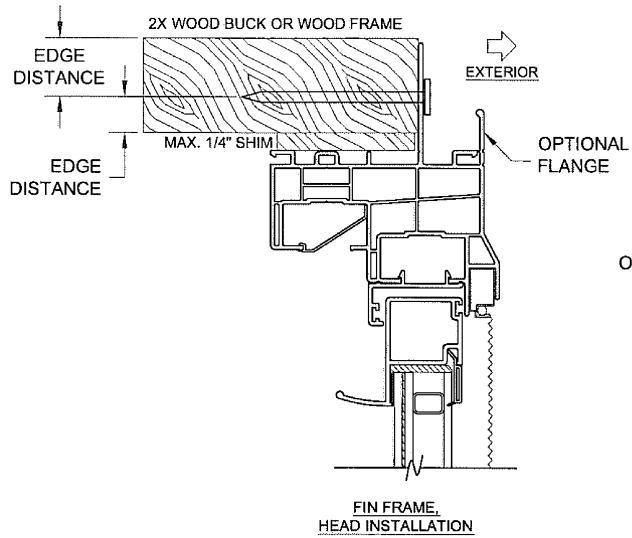


INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR ANCHORAGE, SUBSTRATE AND SPACING REQUIREMENTS.
- 2) ANCHORS HEAD TYPE MAY DIFFER FROM SHOWN.


	Drawn By:	Date:	Material:	THE INFORMATION, DESIGN OR DATA CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF PGT INDUSTRIES AND CONSIDERED CONFIDENTIAL AND PROPRIETARY. NO PORTION OF THIS DOCUMENT MAY BE USED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PGT INDUSTRIES.
	J. ROSOWSKI	04/28/11	RIGID VINYL	
	Revised By:	Date:	Revisions:	
Description:				
Title:				
DOUBLE HUNG INSTALLATION				
A. Lynn Miller, P.E. P.E. #58705	Series/Model: DH-560	Scale: NTS	Sheet: 3 of 4	Drawing No. 1042811JR
				Rev:

INSTALLATION WITH FIN FRAME



INSTALLATION NOTES:

1) SEE SHEET 1 FOR ANCHORAGE, SUBSTRATE AND SPACING REQUIREMENTS.

	Drawn By: J. ROSOWSKI	Date: 04/28/11	Material: RIGID VINYL	<small>THE INFORMATION, DESIGN OR DATA CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF PGT INDUSTRIES AND CONSIDERED CONFIDENTIAL AND PROPRIETARY. NO PORTION OF THIS DOCUMENT MAY BE USED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PGT INDUSTRIES.</small>
	Revised By:	Date:	Revisions:	
Description: 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 FL CERT. OF AUTH. : 29296				Title: DOUBLE HUNG INSTALLATION
A. Lynn Miller, P.E. P.E. #58705	Series/Model: DH-560	Scale: NTS	Sheet: 4 of 4	