

GENERAL NOTES :

- 1) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO COMPLY WITH THE 2006 INTERNATIONAL BUILDING CODE FOR THE DESIGN PRESSURES LISTED IN THE APPLICABLE PRODUCT TEST REPORTS.
- 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 1 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 SPECIFIED IN THE 2006 TEXAS REVISIONS TO THE 2006 INTERNATIONAL BUILDING CODE.
- 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 E1300-09.
- 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.

LARGE & SMALL MISSILE IMPACT RESISTANT

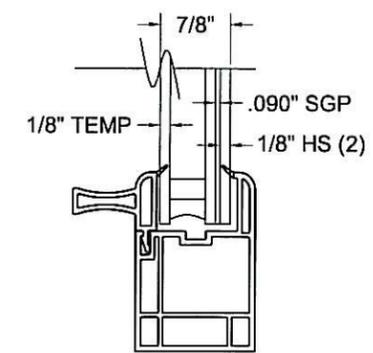
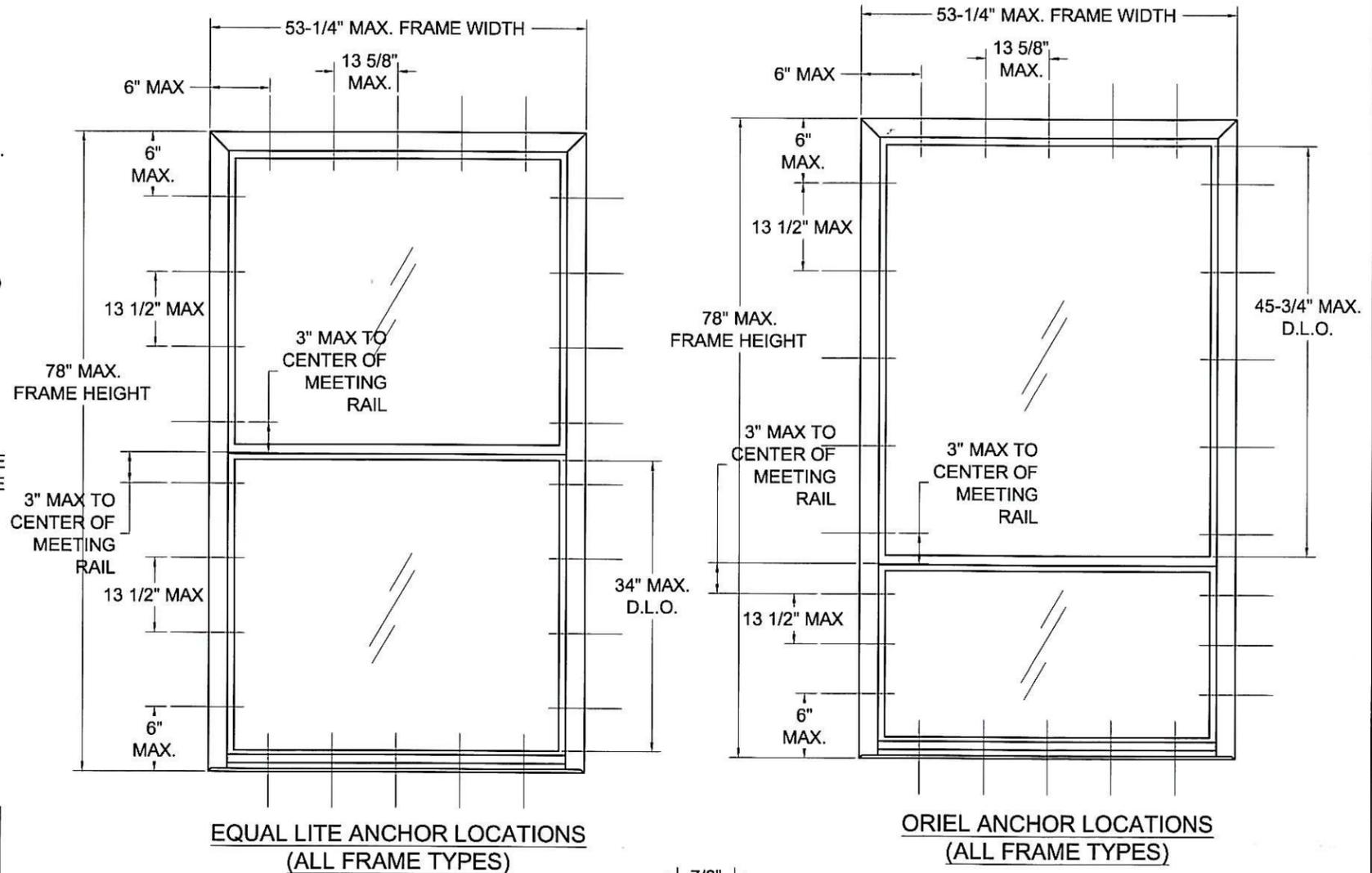
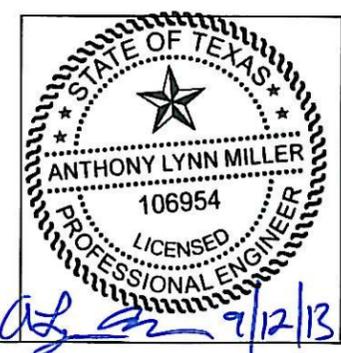


TABLE 1:

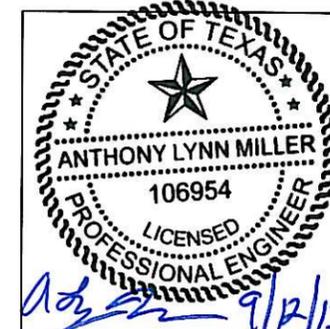
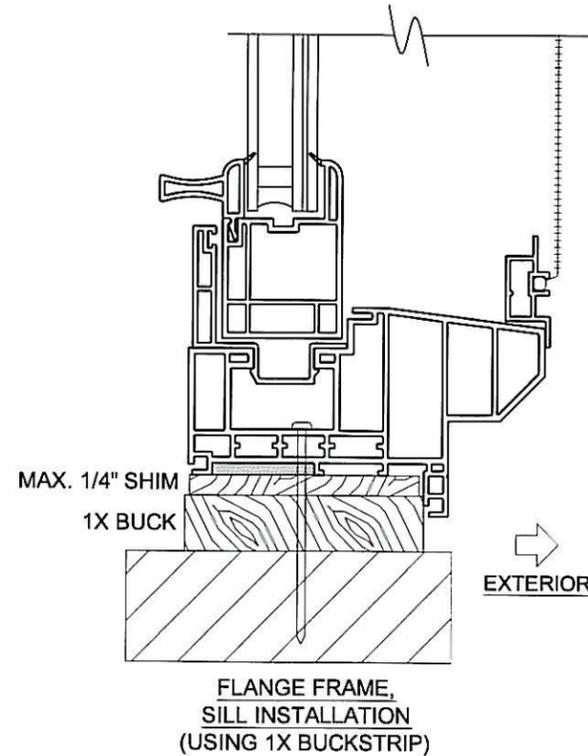
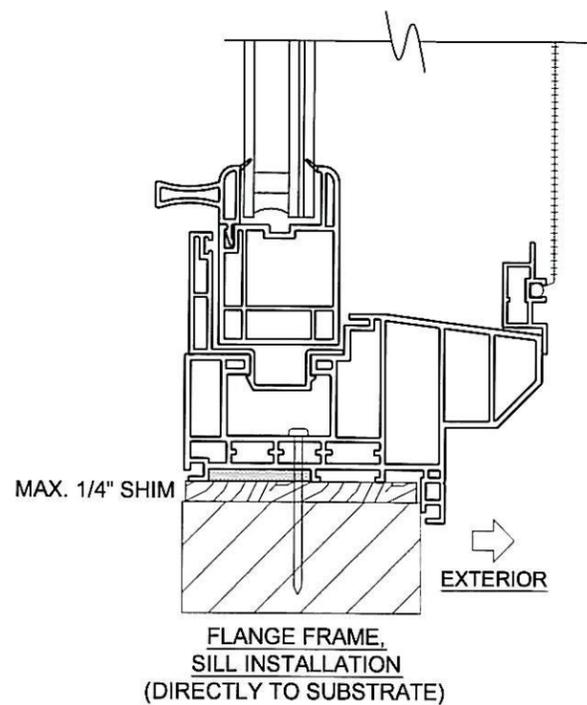
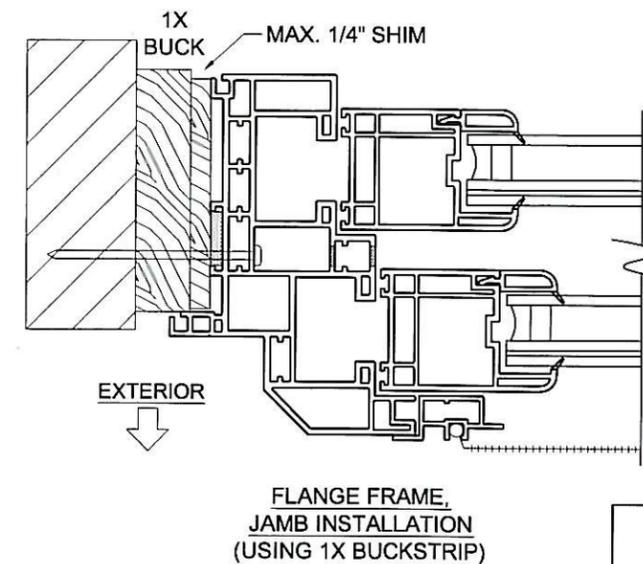
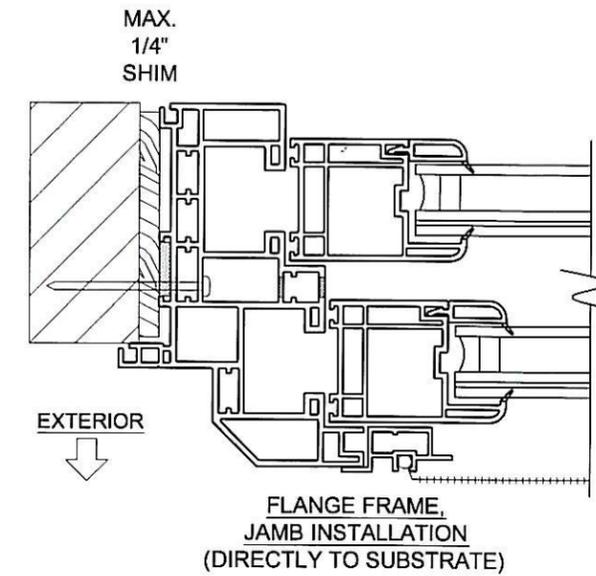
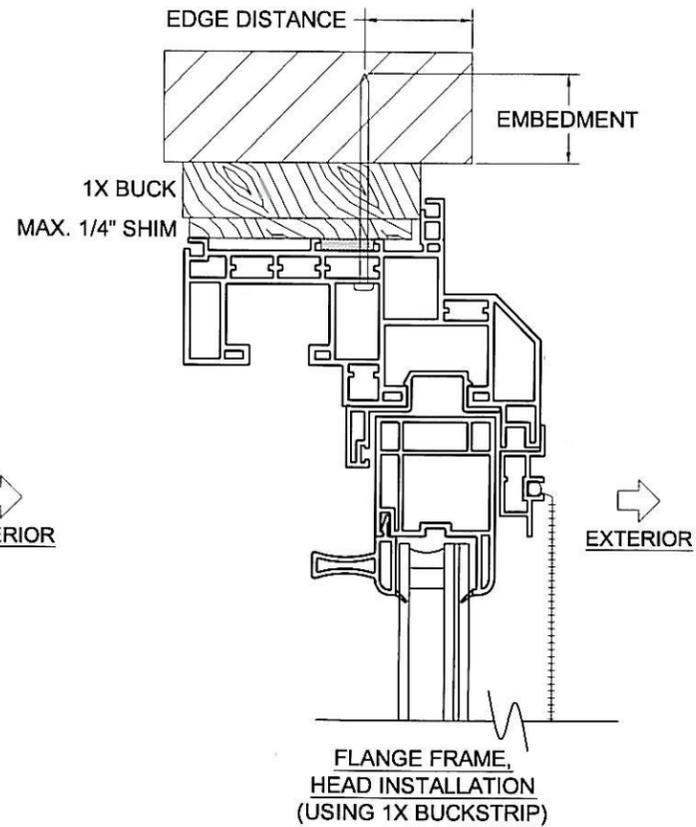
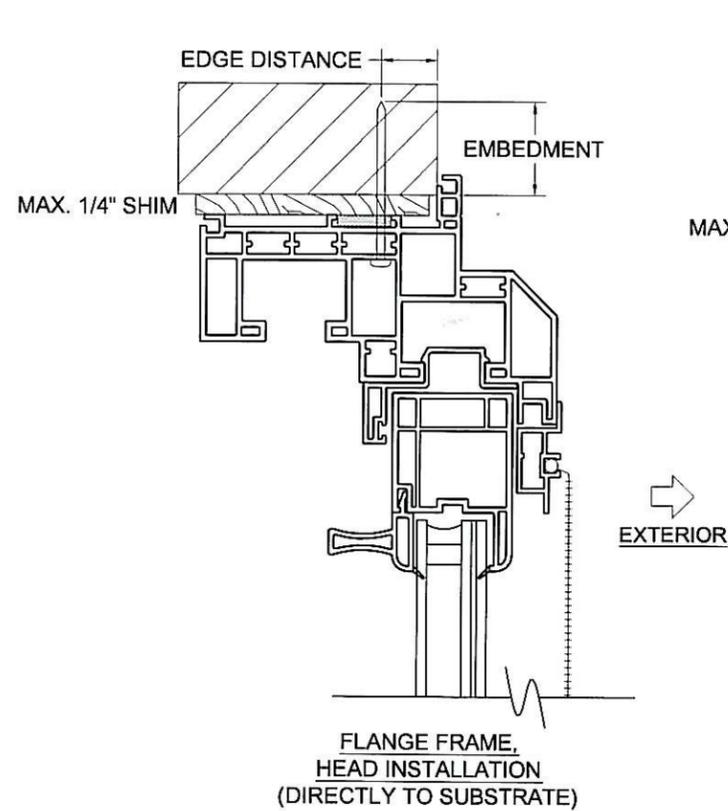
Anchor Type	Substrate	Min. Edge Dist.	Min. Embedment
#10 Steel SMS	Wood (Southern Pine)	3/4"	1-3/8"
	Steel Stud Gr 33	3/8"	.045 (18 GA)
	Aluminum-6063-T5	3/8"	1/8"
	Steel, A36	3/8"	1/8"
3/16" Masonry Anchor	Concrete	1"	1-3/8"
	Hollow CMU	1"	1-1/4"

TABLE 2:

Size		Design Pressure		Sash Configuration	Certification Number	Test #
Width	Height	(+) psf	(-) psf			
53-1/4"	78"	65	80	Equal Lite	190-246, 753	NCTL-210-3637-1A
53-1/4"	78"	65	80	Oriel	190-247, 754	NCTL-210-3641-1A



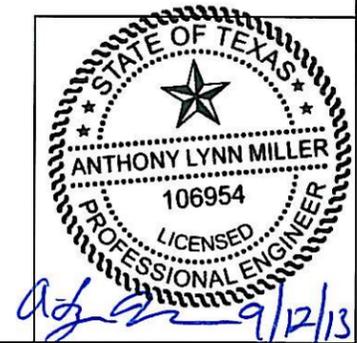
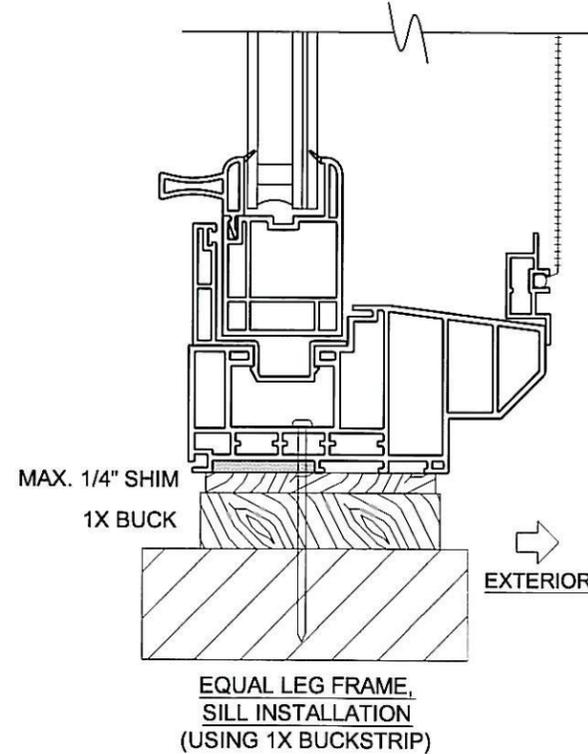
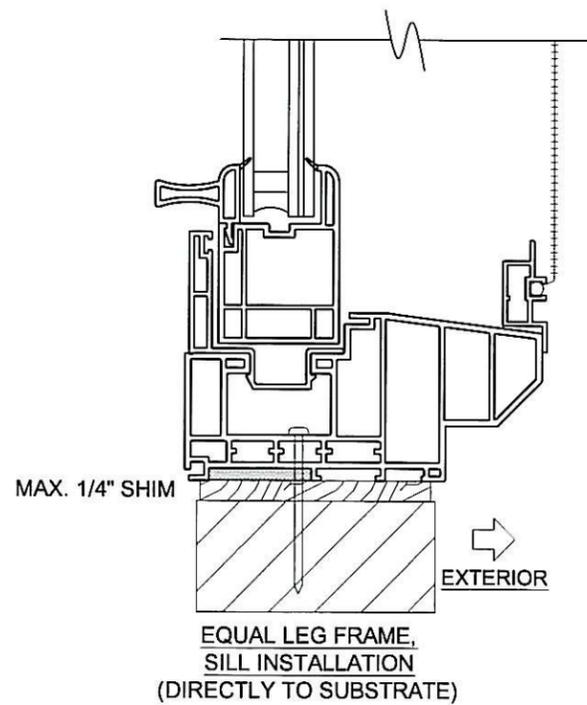
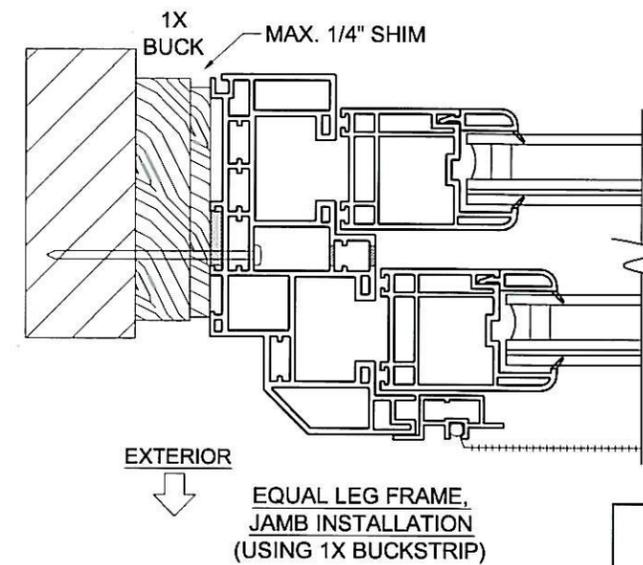
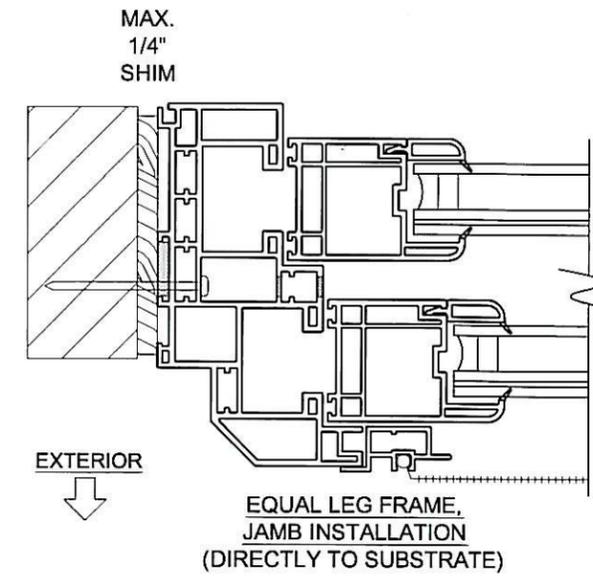
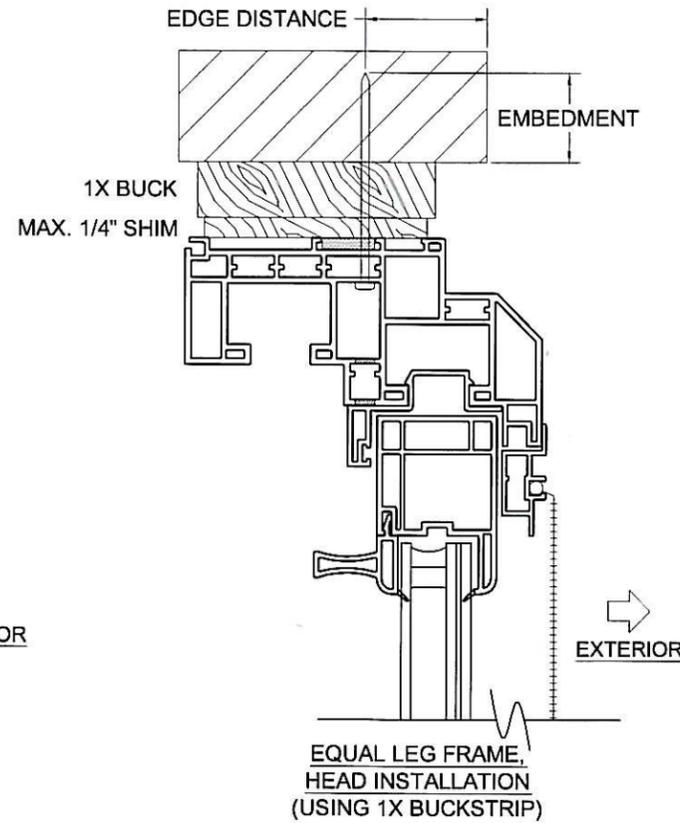
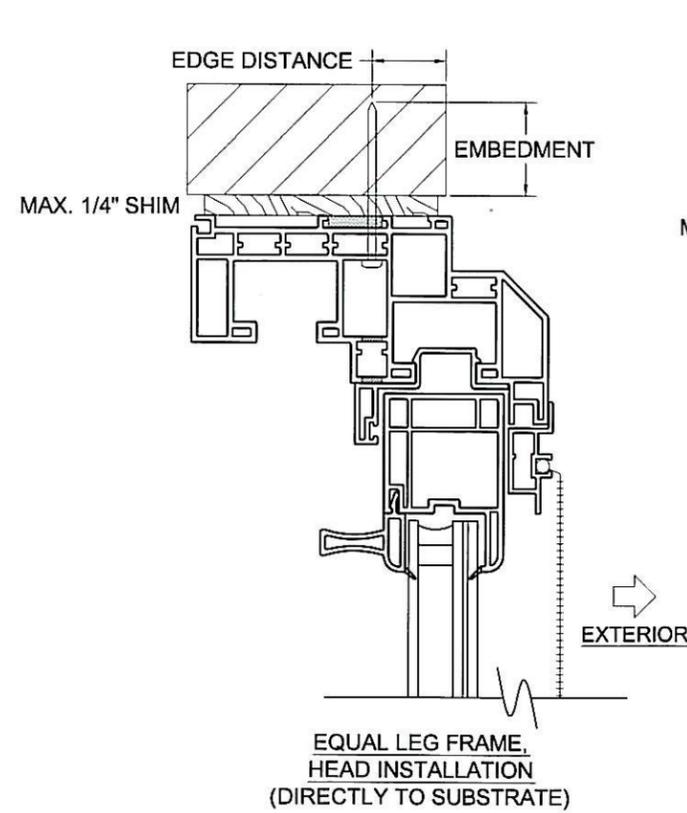
 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 A. Lynn Miller, P.E. P.E. #106954	Drawn By: J. ROSOWSKI Date: 9/11/13 Material: RIGID PVC	THE INFORMATION, DESIGN OR DATA CONTAINED HEREIN IS THE EXCLUSIVE PROPERTY OF PGT INDUSTRIES AND CONSIDERED CONFIDENTIAL AND PROPRIETARY. NO PORTION OF THIS DOCUMENT MAY BE USED OR REPRODUCED IN ANY FORM WITHOUT THE EXPRESSED WRITTEN PERMISSION OF PGT INDUSTRIES.
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INSTALLATION NOTES:

- 1) SEE TABLE 1 FOR ANCHORAGE, SUBSTRATE, EDGE DISTANCE AND EMBEDMENT REQUIREMENTS.
- 2) SEE ELEVATION ON SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
- 3) ANCHOR MAY HAVE ALTERNATE HEAD TYPES FROM THOSE SHOWN.
- 4) GLASS TYPE SHOWN AS EXAMPLE ONLY, SEE SHEET 1 FOR ACCEPTABLE GLAZING OPTIONS.

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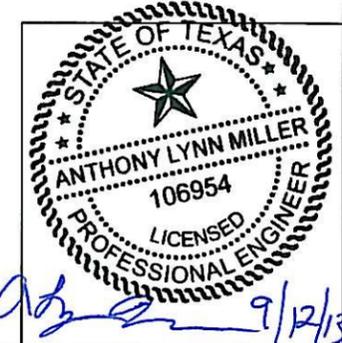
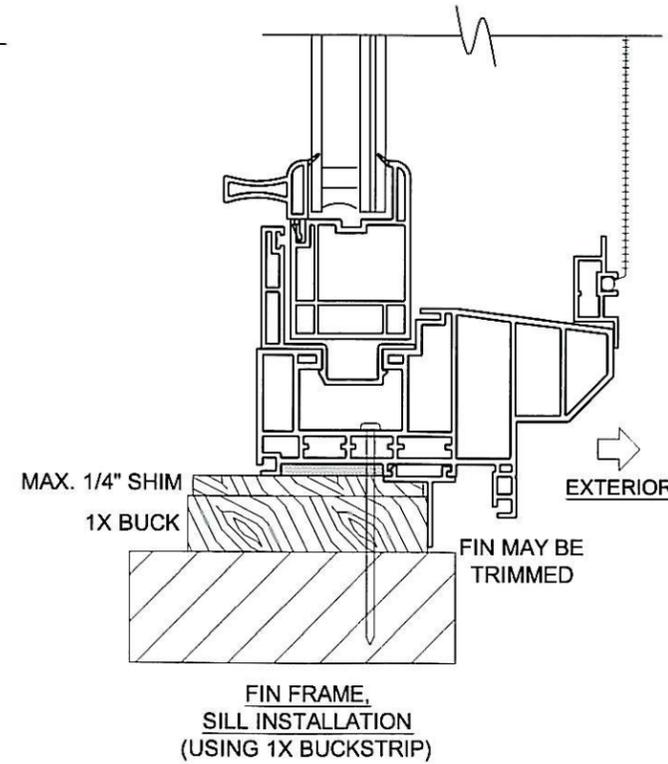
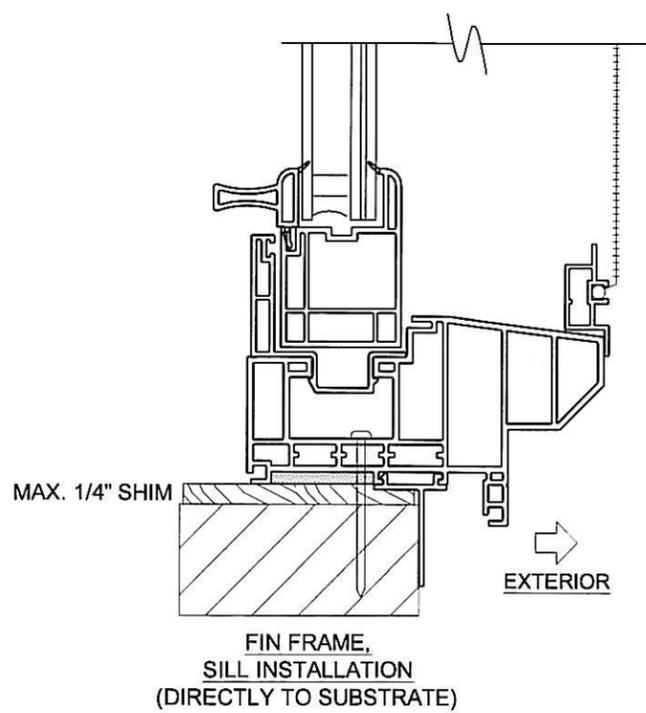
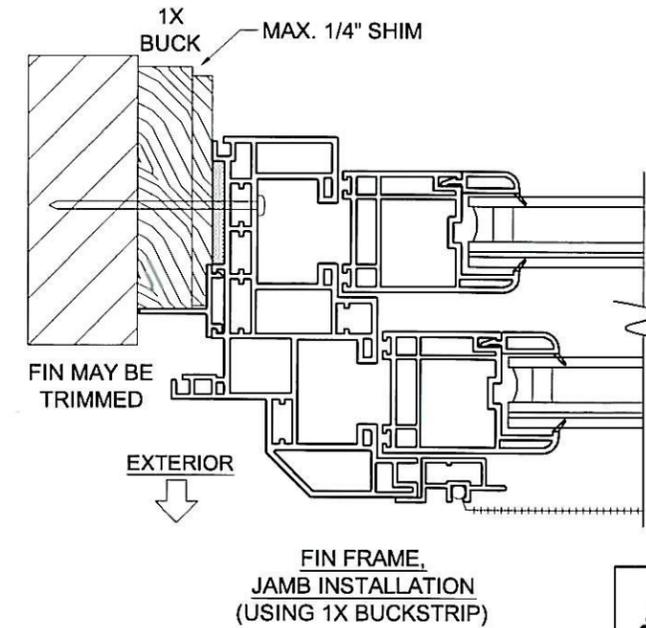
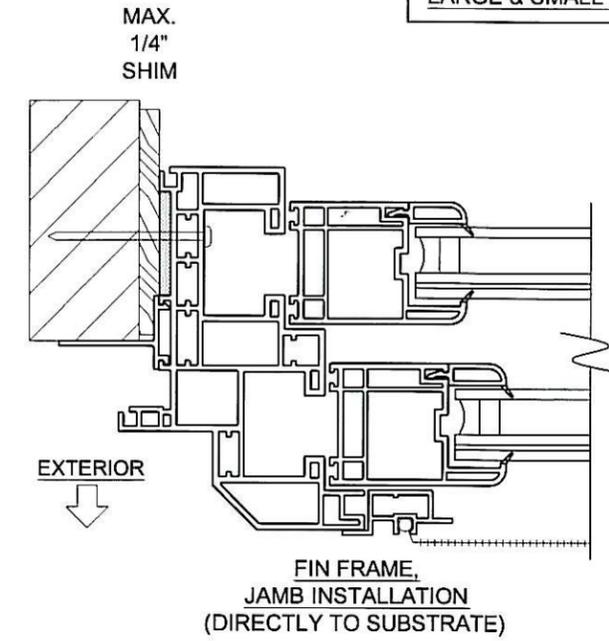
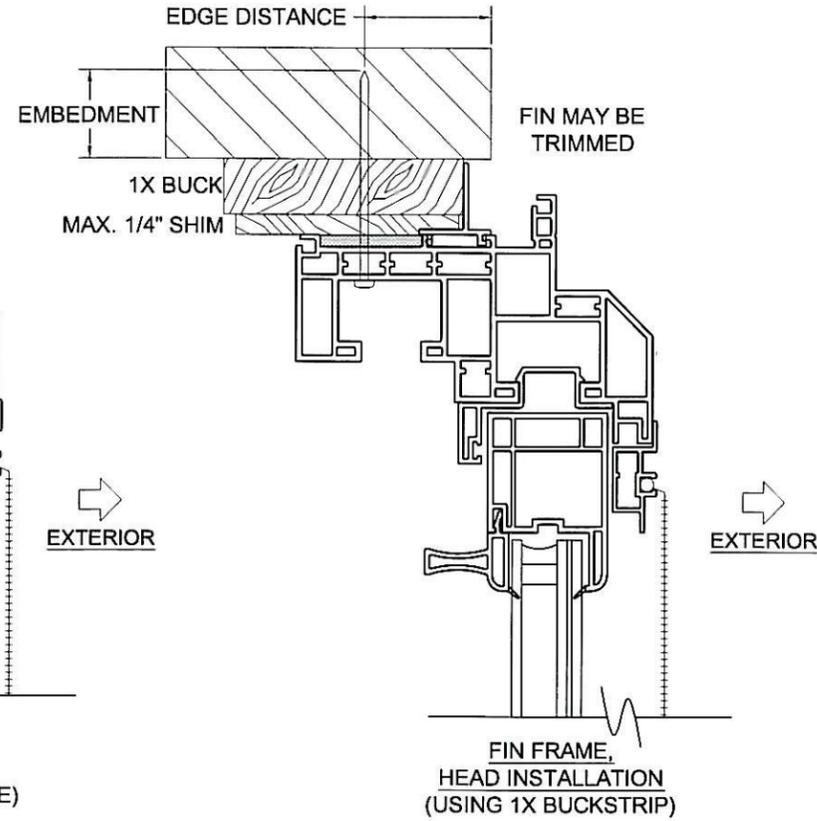
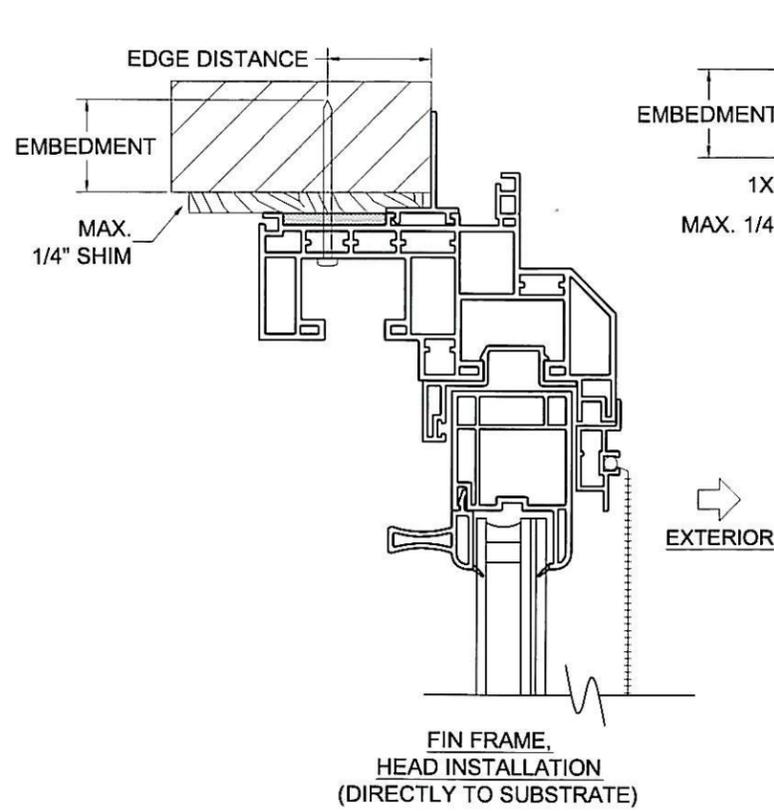
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Series/Model: DH-2860				
Scale: NTS	Sheet: 3 of 4	Drawing No.: TDI-DH2860.1	Rev:	

INSTALLATION WITH FIN FRAME

LARGE & SMALL MISSILE IMPACT RESISTANT



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