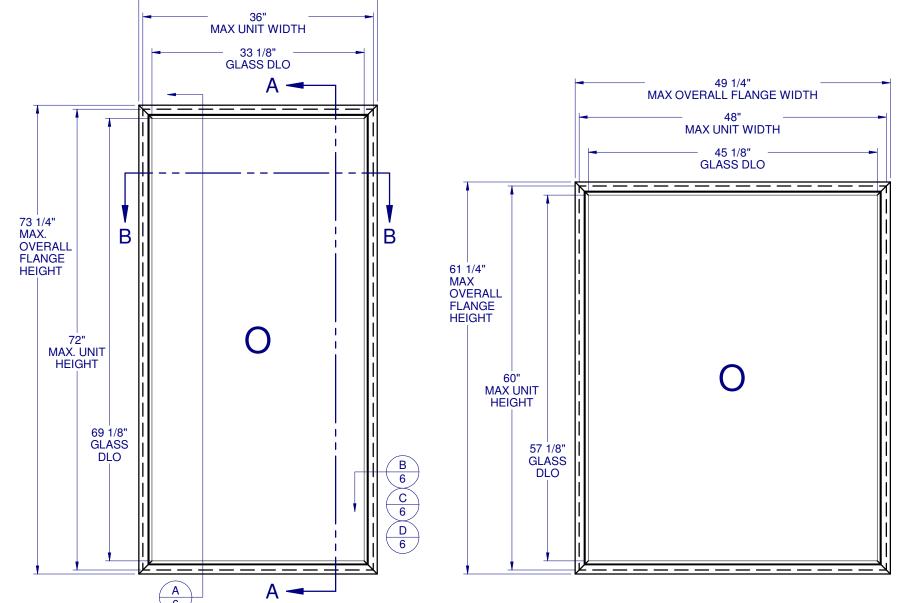
PICTURE WINDOW - LARGE MISSILE IMPACT

- 37 1/4" MAX. OVERALL FLANGE WIDTH



GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION AND IS RATED FOR WIND ZONE 3 MISSILE LEVEL D IMPACT USE AS DEFINED IN ASTM E 1996 PER THE FBC.

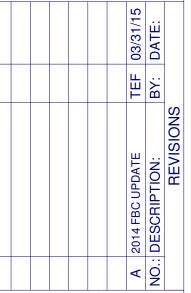
THIS PRODUCT MAY NOT BE USED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OR IN ASTM E 1996 WIND ZONE 4 AREAS.

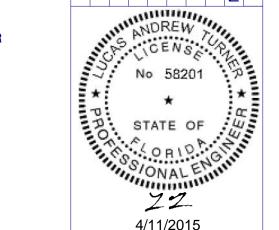
- 2. GLAZING OPTIONS: (SEE SHEET 3)
- 3. CONFIGURATIONS: "O". ARCHITECTURAL SHAPES INCLUDE, BUT ARE NOT LIMITED TO, THOSE SHOWN ON SHEET 2.
- 4. DESIGN PRESSURE RATING:
 - -NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04.
 - -POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04.
- 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 6 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 6. PRODUCT APPROVED FOR IMPACT RESISTANCE. SHUTTERS ARE NOT REQUIRED.
- 7. ALL FRAMES ARE FULLY WELDED.
- 8. SERIES / MODEL DESIGNATION PW-8300.
- 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: O = FIXED SASH.
- 10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.



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8300 PVC PICTURE WINDOW IMPACT





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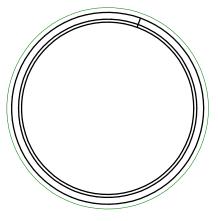
SHEET DESCRIPTION:

GENERAL NOTES AND ELEVATIONS

DRAWN BY:	DATE:
EMK	10/07/14
DWG #:	REV.:
CWS-1033	Α
SCALE:	SHEET
1:1	1 OF 6

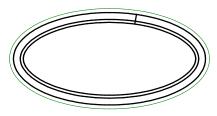
TABLE OF CONTENTS

MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
48" x 60"	+/- 50 PSF	LARGE MISSILE IMPACT
36" x 72"	+/- 55 PSF	LANGE WISSILE IMPACT

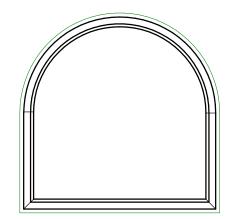


FULL CIRCLE

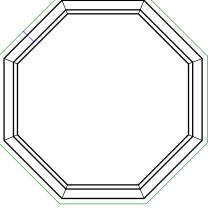
1/2 CIRCLE



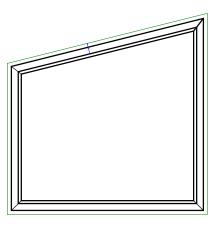
FULL ELLIPSE ("OVAL")



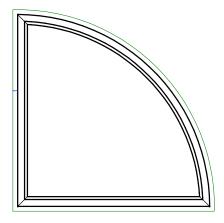
TOMBSTONE



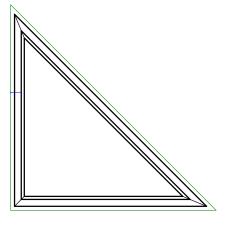
OCTAGON



TRAPEZOID



1/4 CIRCLE



TRIANGLE

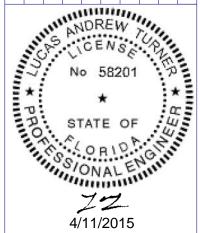
NOTES:

- 1. SEE SHEET 5 FOR DETAILED ANCHOR INSTALLATION REQUIREMENTS.
- 2. THRU FRAME MASONRY, WOOD OR METAL OPENING. THRU FIN WOOD OPENING.
- 3. OVERALL SIZE MUST NOT EXCEED THE MAX. WIDTH AND HEIGHT OF RECTANGULAR WINDOWS ON SHEET 1.
- 4. ANCHOR SPACING FOR ARCHITECTUAL FLANGE AND FIN WINDOWS MUST FOLLOW THE LAYOUTS SHOWN ON SHEET 5, WITH ANCHOR SPACING MEASURED ALONG THE LENGTH OF THE PRODUCT.



8300 PVC PICTURE WINDOW IMPACT

			TEF 03/31/15	DATE:		
			TEF	BY:		
			A 2014 FBC UPDATE	NO.: DESCRIPTION:	REVISIONS	
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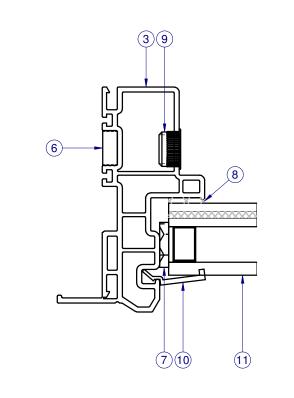


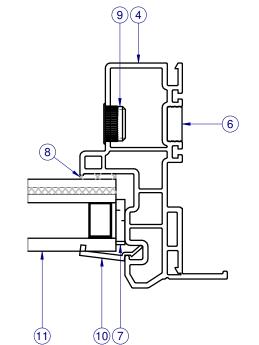
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SHEET DESCRIPTION:

ARCHITECTURAL SHAPES

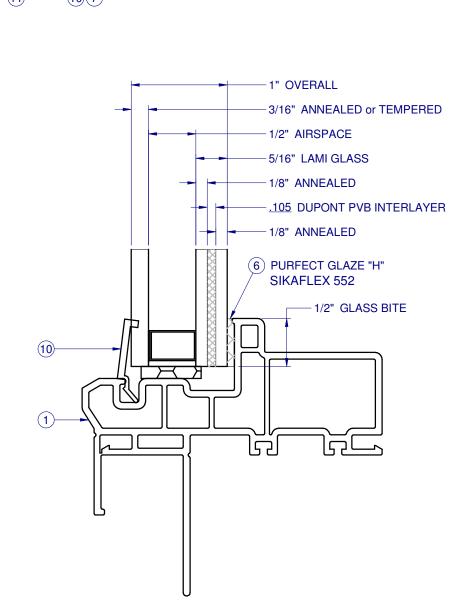
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EMK	10/07/14
DWG #:	REV.:
CWS-1033	Α
SCALE:	SHEET
1:1	2 OF 6

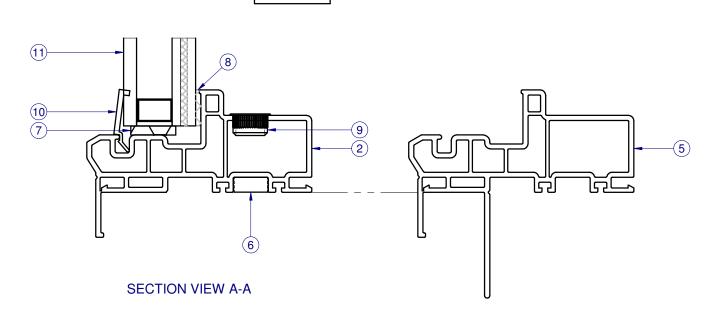






INTERIOR





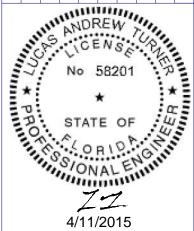
INTERIOR

ALTERNATE FIN FRAME



8300 PVC **PICTURE WINDOW IMPACT**

			03/31/15	DATE:	
			J EF	BY:	
			A 2014 FBC UPDATE	NO.: DESCRIPTION:	REVISIONS
			A	NO.:	



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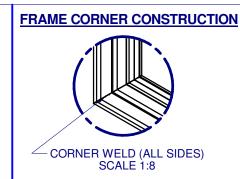
SHEET DESCRIPTION:

SECTION VIEWS AND **GLAZING DETAIL**

DRAWN BY:	DATE:
EMK	10/07/14
DWG #:	REV.:
CWS-1033	Α
SCALE:	SHEET
1:1.33	3 OF 6

1:1

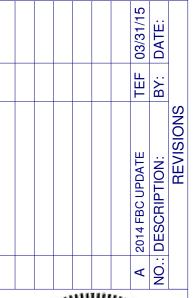
PARTS LIST						
ITEM	PART#	DESCRIPTION	VENDOR	MATERIAL		
1	H-6006B	FRAME, PW, MAIN, HEAD	MIKRON	PVC		
2	H-6006B	FRAME, PW, MAIN, SILL	MIKRON	PVC		
3	H-6006B	FRAME, PW, MAIN, L. JAMB	MIKRON	PVC		
4	H-6006B	FRAME, PW, MAIN, R. JAMB	MIKRON	PVC		
5	H-6006A	FRAME, PW, MAIN, FIN	MIKRON	PVC		
6	P-3113	SCREW SUPPORT FOR PVC	TEAM PLASTIC	RUBBER		
7	P-3352	SET. BLK., 85 DUR., 1/8" x 5/8" x 2" LG.	FRANK LOWE	RUBBER		
8		PURFECT GLAZE "H", SIKAFLEX 552	HENKEL / SIKA	SILICONE		
9	P-3752	CAP PLUG, 1/2" HOLE	M&M	SILICONE		
10	S-6064	GLZ. BE., FXD. (1" O.A. I.G.)	MIKRON	PVC		
11	GLASS	SEE SHEET 3				

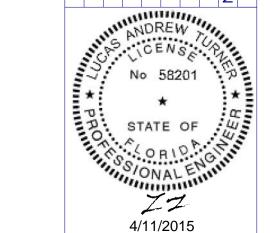




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8300 PVC **PICTURE WINDOW IMPACT**



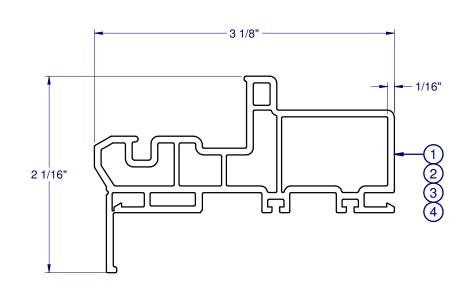


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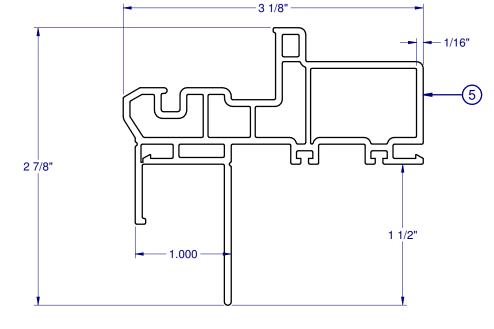
SHEET DESCRIPTION:

BOM AND EXTRUSIONS

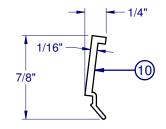
DRAWN BY:	DATE:
EMK	10/07/14
DWG #:	REV.:
CWS-1033	Α
SCALE:	SHEET
1:1	4 OF 6



PVC FRAME FLANGE - H-6006B



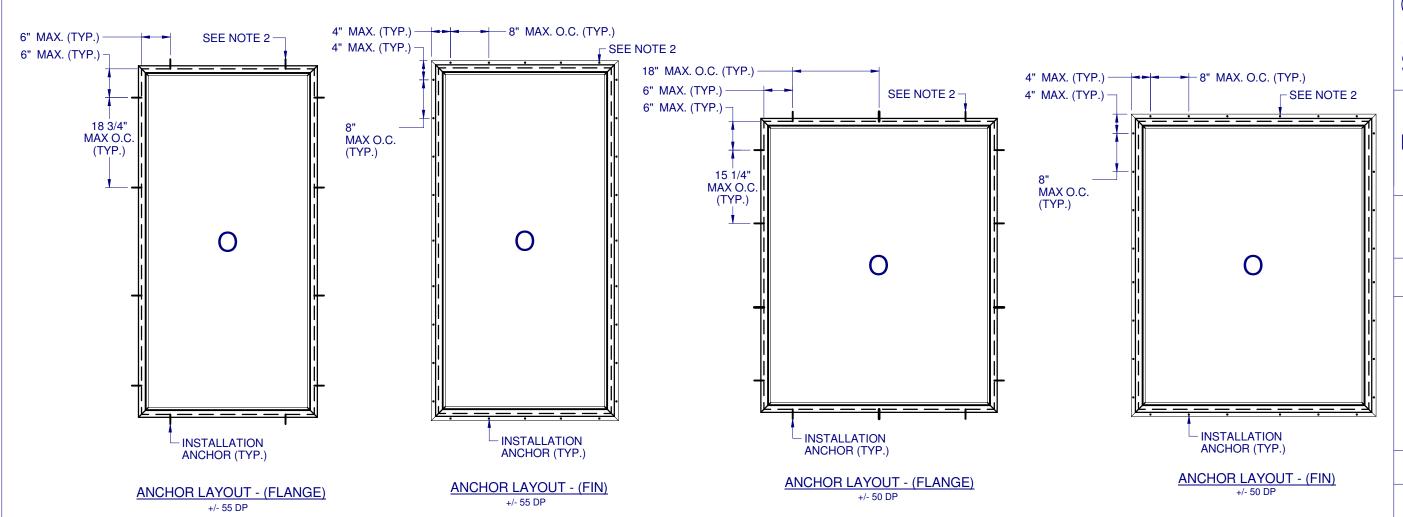
PVC FRAME FIN - H-6006A



PVC GLAZEBEAD - S-6064



SCREW SUPPORT - P-3113

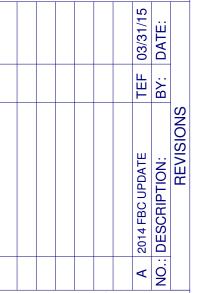


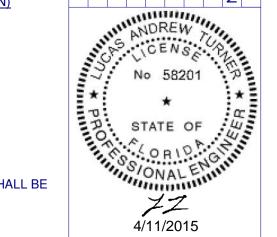
NOTES:

- 1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. ANCHOR SPACING APPLIES TO ALL SHAPES (SEE SHEET 2) ALONG ALL FRAME EDGES. SILL ANCHOR SPACING SAME AS HEAD.
- 2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
- 3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 6.
- 4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
- 5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 6.
- 6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQURE 1X WOOD BUCKS BETWEEN THE PRODUCT AND SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
- 7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3" FOR MASONRY, 1" FOR WOOD AND METAL.
- 8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE1, SHEET 6. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
- 9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)



8300 PVC PICTURE WINDOW IMPACT



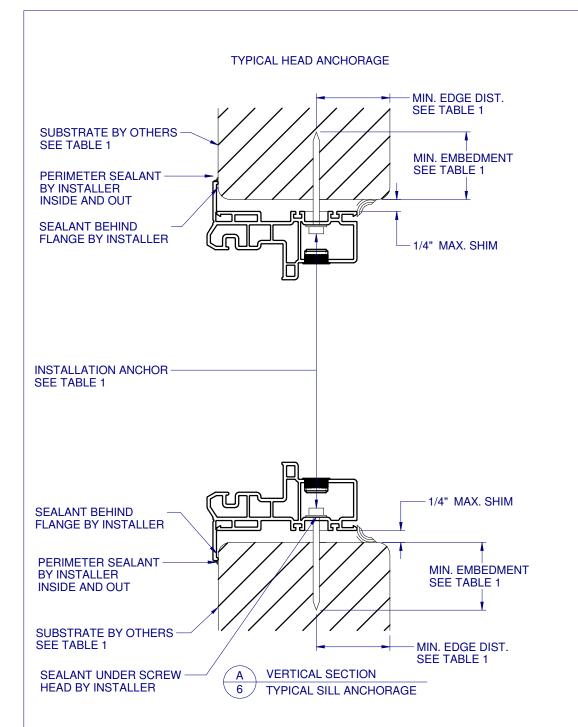


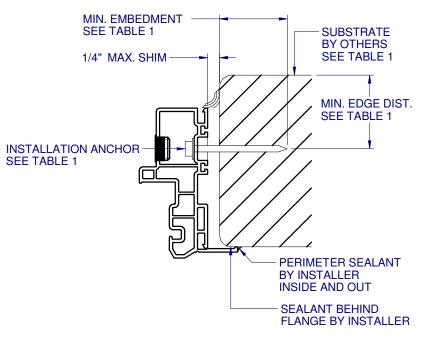
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SHEET DESCRIPTION:

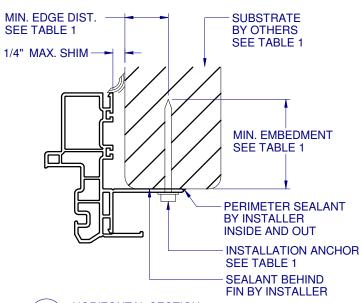
ANCHOR SCHEDULE AND NOTES

DRAWN BY:	DATE:
EMK	10/07/14
DWG #:	REV.:
CWS-1033	Α
SCALE:	SHEET
1:1	5 OF 6



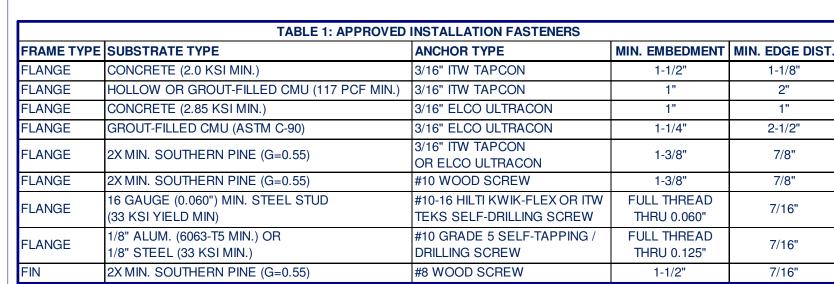


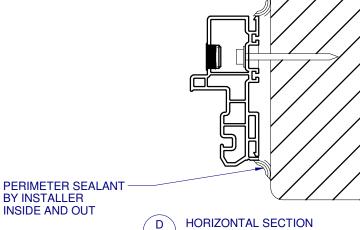
HORIZONTAL SECTION TYPICAL JAMB ANCHORAGE



HORIZONTAL SECTION TYPICAL FIN ANCHORAGE

HEAD AND SILL SIMILAR FOR FIN INSTALLATION





BOX FRAME INSTALLATION HEAD AND SILL SIMILAR FOR BOX INSTALLATION

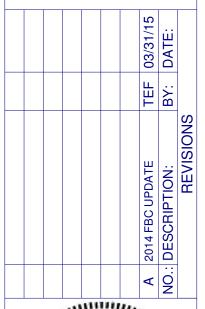
FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE. UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED

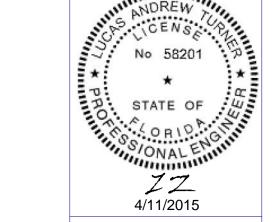
- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.



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8300 PVC **PICTURE WINDOW IMPACT**





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SHEET DESCRIPTION:

INSTALLATION DETAILS

	DRAWN BY:	DATE:	
D:	EMK	10/07/14	
	DWG #:	REV.:	
	CWS-1033	Α	
	SCALE:	SHEET	
	1:2	6 OF 6	