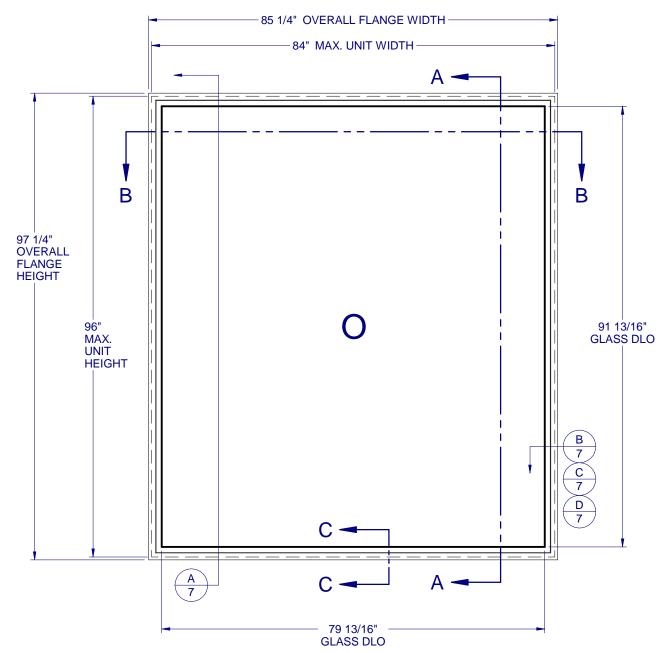
MODEL 8150 SYSTEM 1 PICTURE WINDOW - NON-IMPACT



SYSTEM 1 (CAR 138-1070)

TABLE OF CONTENTS

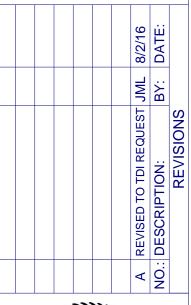
GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC) AND INTERNATIONAL RESIDENTIAL CODE (IRC), WITH TEXAS REVISIONS EFFECTIVE JANUARY 1, 2008.
- 2. GLAZING OPTIONS: (SEE SHEET 3)
- 3. CONFIGURATIONS: "O". ARCHITECTURAL SHAPES INCLUDE, BUT ARE NOT LIMITED TO, THOSE SHOWN ON SHEET 2.
- 4. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 7 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
- 6. ALL FRAMES FULLY WELDED.
- 7. SERIES / MODEL DESIGNATION PW-8150.
- 8. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: O = FIXED SASH
- 9. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8150 PVC PICTURE WINDOW NON-IMPACT





8/19/2016

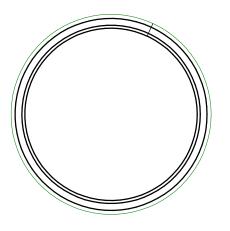
72

LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

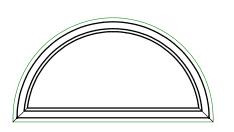
SHEET DESCRIPTION:

GENERAL NOTES AND ELEVATIONS

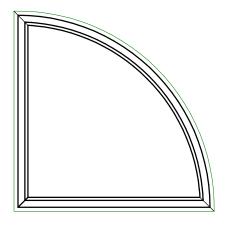
DRAWN BY:	DATE:
EMK	11/11/15
DWG #:	REV.:
TDI-234	-
SCALE:	SHEET
1:20	1 OF 7



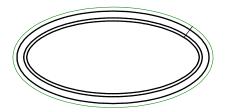
FULL CIRCLE



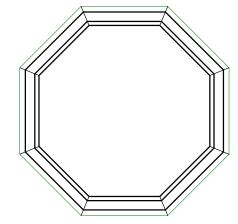
1/2 CIRCLE



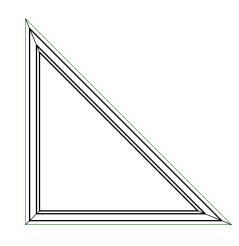
1/4 CIRCLE



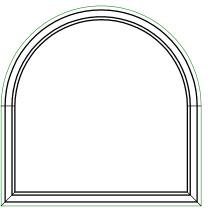
FULL ELLIPSE (OVAL)



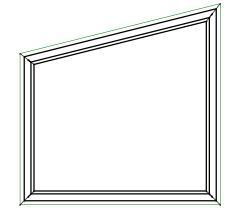
OCTAGON



TRIANGLE



TOMBSTONE



TRAPEZOID

NOTES:

- 1. SEE SHEET 6 FOR DETAILED ANCHOR INSTALLATION REQUIREMENTS.
- 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 6, WITH ANCHOR SPACING MEASURED ALONG THE LENGTH OF THE PRODUCT.



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8150 PVC PICTURE WINDOW NON-IMPACT

			8/2/16	DATE:	
			JML	BY:	
			A REVISED TO TDI REQUEST JML 8/2/16	NO.: DESCRIPTION:	REVISIONS
			4	ON ON	



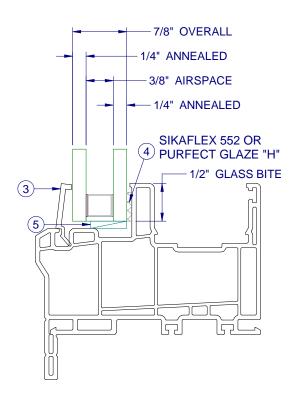
8/19/2016

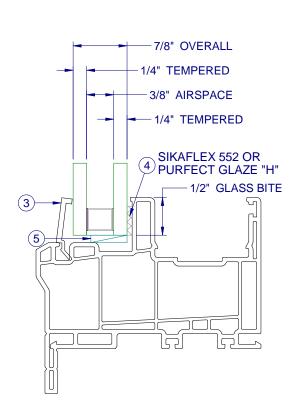
LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

ARCHITECTURAL SHAPES

_	_
DRAWN BY:	DATE:
EMK	11/11/15
DWG #:	REV.:
TDI-234	-
SCALE:	SHEET
1:1	2 OF 7



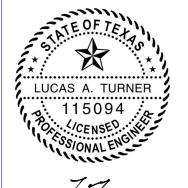




1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8150 PVC PICTURE WINDOW NON-IMPACT

			8/2/16	DATE:	
			JML	BY:	
			A REVISED TO TDI REQUEST JML 8/2/16	NO.: DESCRIPTION:	REVISIONS
			A	NO.:	



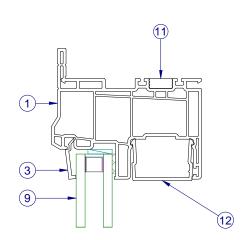
8/19/2016

LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

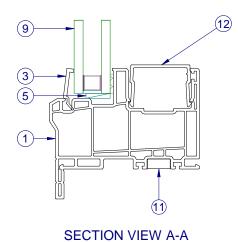
SHEET DESCRIPTION:

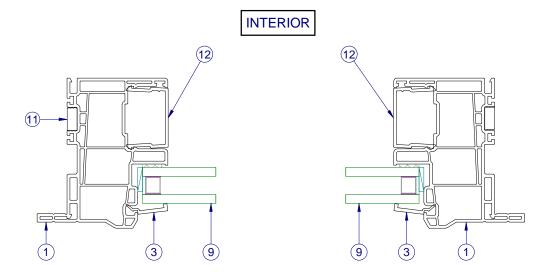
GLAZING DETAIL

DRAWN BY:	DATE:
EMK	11/11/15
DWG #:	REV.:
TDI-234	-
SCALE:	SHEET
1:2	3 OF 7

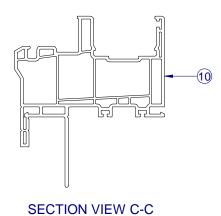


INTERIOR





SECTION VIEW B-B





1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8150 PVC PICTURE WINDOW NON-IMPACT

			8/2/16	DATE:	
			JML	BY:	
			A REVISED TO TDI REQUEST JML 8/2/16	NO.: DESCRIPTION:	REVISIONS
			٧	NO.:	



8/19/2016

LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

SECTION VIEWS

	1
DRAWN BY:	DATE:
EMK	11/11/15
DWG #:	REV.:
TDI-234	-
SCALE:	SHEET
1:2	4 OF 7

PARTS LIST							
ITEM	PART #	DESCRIPTION	VENDOR	MATERIAL			
1	H-6031	Fr., PW, Main, Flg	Mikron	PVC			
3	S-6064	Glz. Bd., Fxd. (7/8" O.A. I.G.)		PVC			
4	P-3438	Sikaflex 552 or Purfect Glaze "H"	Sika/Henkel				
5	P-3352	Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.	F. Lowe	Rubber			
7	P-3881	Temporary Lbl. (NFRC/DP)					
8	P-3613	CWS Lbl. (logo)					
9		Glass, Fixed (See Sheet 7)					
10	H-6026	Fr. Main, PVC, Fin	Mikron	PVC			
11	P-3113	Screw Support for PVC	T. Plastics	Nylon			
12	H-6025	Frame Filler	Mikron	PVC			

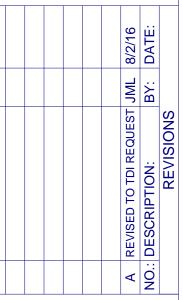
LINE ITEMS NOT USED:





1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8150 PVC PICTURE WINDOW NON-IMPACT





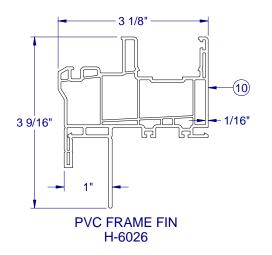
8/19/2016

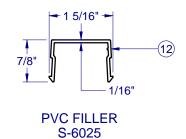
LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

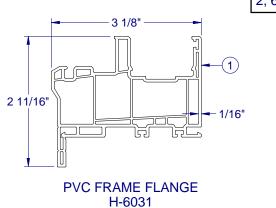
BOM AND EXTRUSIONS

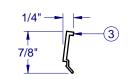
DRAWN BY:	DATE:
EMK	11/11/15
DWG #:	REV.:
TDI-234	-
SCALE:	SHEET
1:1	5 OF 7



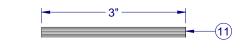


3/16"



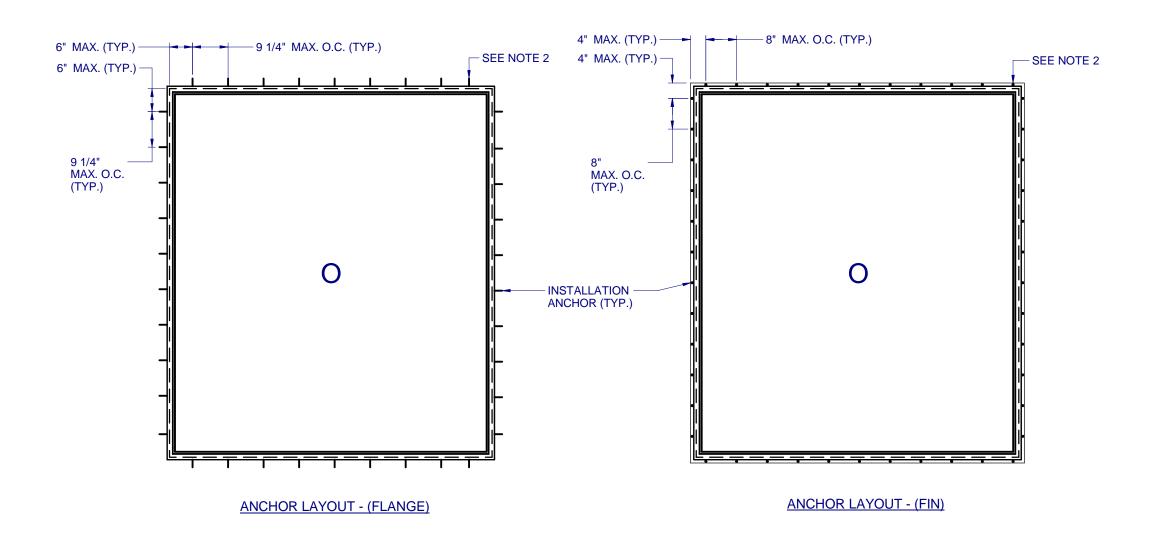


PVC GLAZING BEAD S-6064



SCREW SUPPORT P-3113

1. IF SIZE INTENDED IS NOT SHOWN, USE NEXT LARGER SIZE.
2. IF SIZE IS SHADED, IT IS NOT AVAILABLE WITH THAT GLASS TYPE.



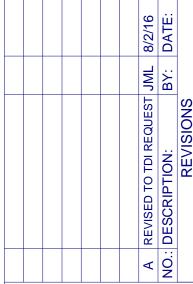
NOTES:

- 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 7.
- 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 7.
- 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 1X BUCKS ARE OPTIONAL.
- 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 7. 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)



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8150 PVC PICTURE WINDOW NON-IMPACT





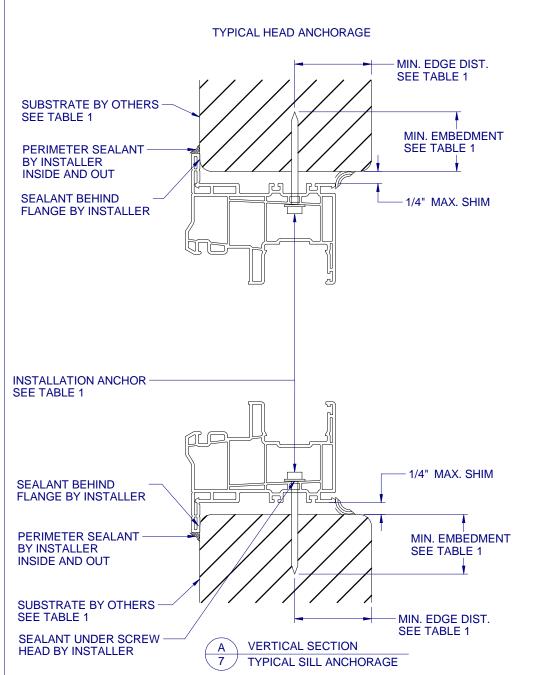
8/19/2016

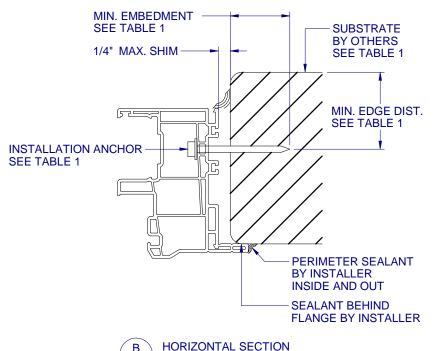
LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

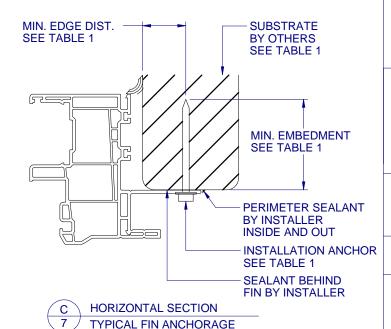
ANCHOR SCHEDULE AND NOTES

DRAWN BY:	DATE:
EMK	11/11/15
DWG #:	REV.:
TDI-234	-
SCALE:	SHEET
1:25	6 OF 7

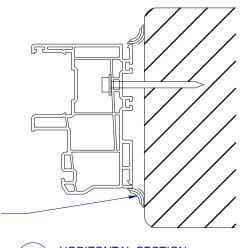




TYPICAL JAMB ANCHORAGE



HEAD AND SILL SIMILAR FOR FIN INSTALLATION



PERIMETER SEALANT BY INSTALLER INSIDE AND OUT

D HORIZONTAL SECTION

7 BOX FRAME INSTALLATION
HEAD AND SILL SIMILAR FOR BOX INSTALLATION

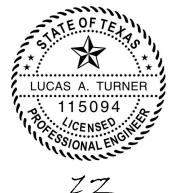
FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE, UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED

- 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.



8150 PVC PICTURE WINDOW NON-IMPACT

			8/2/16	DATE:	
			JML	BY:	
			A REVISED TO TDI REQUEST JML 8/2/16	NO.: DESCRIPTION:	REVISIONS
			Α	NO.:	



8/19/2016

LUCAS A. TURNER, P.E. TX PE # 115094 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

INSTALLATION DETAILS

	DRAWN BY:	DATE:
):	EMK	11/11/15
	DWG #:	REV.:
	TDI-234	-
	SCALE:	SHEET
	1:2	7 OF 7

