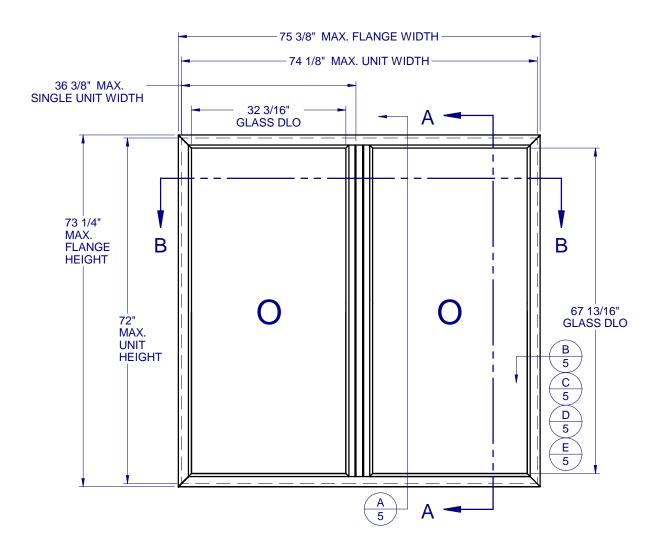
PICTURE WINDOW - LARGE MISSILE IMPACT



GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND IS RATED FOR WIND ZONE 4 MISSILE LEVEL D IMPACT USE AS DEFINED IN ASTM E 1996 PER THE FBC.
- 2. GLAZING OPTIONS: (SEE SHEET 2)
- 3. CONFIGURATIONS: "O/O".
- 4. DESIGN PRESSURE RATING: -NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09. -POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
- 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 5 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 FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT INTERNAL MULL.
- 8. SERIES / MODEL DESIGNATION PW-8150 CONTINUOUS FRAME.
- 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: O = FIXED SASH
- 10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.



8150 PVC **PICTURE WINDOW IMPACT**

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13010



8/3/2023

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SHEET DESCRIPTION:

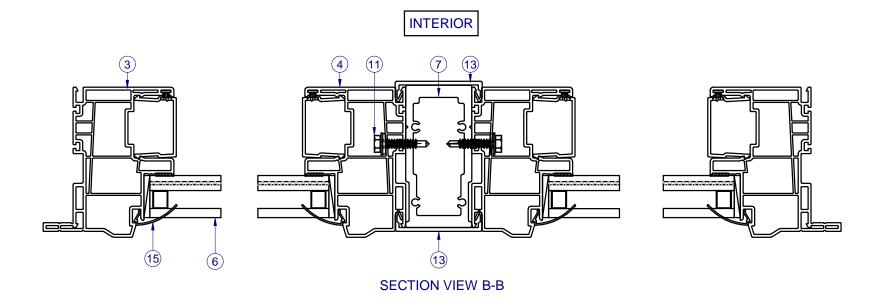
GENERAL NOTES AND ELEVATIONS

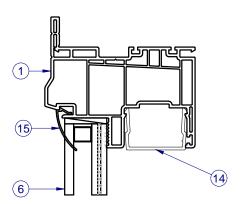
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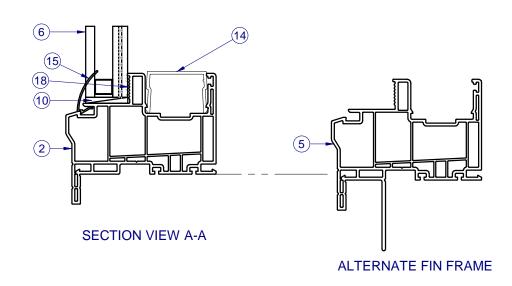
GENERAL NOTES & ELEVATIONS......1 SECTION VIEWS & GLAZING DETAIL...2 DP CHART, BOM & EXTRUSIONS...... ANCHOR SCHEDULE & NOTES..... INSTALLATION DETAILS.

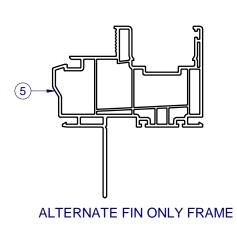
	LOCATION	MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
Г	NON-HVHZ	74-1/8" x 72"	+/- 65 PSF	LABOE MISSILE IMBACT
	HVHZ	14-1/0 X / Z	+/- 67.5 PSF	LARGE MISSILE IMPACT

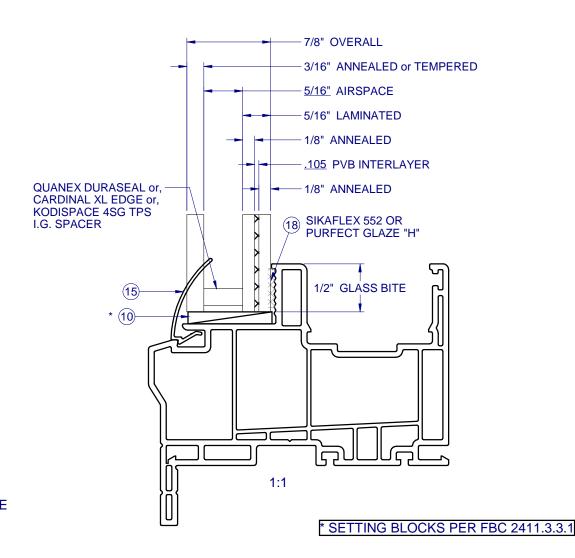




INTERIOR









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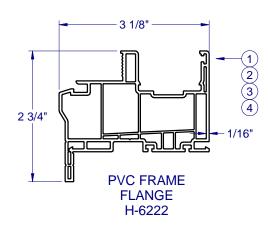
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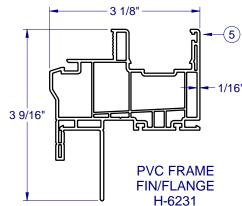
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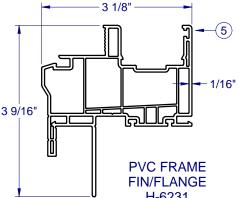
SECTION VIEWS AND GLAZING DETAIL

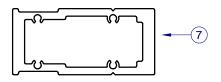
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PARTS LIST			
ITEM	PART #	DESCRIPTION	MATERIAL
1	H-6222	Frame Head, Flg,	PVC
2	H-6222	Frame Sill, Flg,	PVC
3	H-6222	Frame Jamb, Flg,	PVC
4	H-6222	Internal Fr.,Jb.	PVC
5	H-6231	Frame, Fin	PVC
6	GLASS	SEE SHEET 2	
7	H-2127	Internal Mullbar	Alum
9	P-3342	Seam Sealer, SM-5504	
10	P-5612	Setting Block, .12 x 1 x 2	Rubber
11	P-4969	#10 x 2 Quad Rd. Washer Screw	Steel
12	P-4638	#8 x 2 1/2 Ph Modified Truss Type A	Steel
13	S-6018	Mullbar Cover	PVC
14	S-6025	Sash Stop / Filler	PVC
15	S-6237	Glazing Bead	PVC
16		#10 x 1 1/2" Panhead SMS	Steel
17		Flat Washer	Steel
18		SikaFlex 552 or Purfect Glaze "H"	

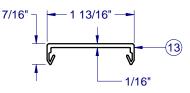




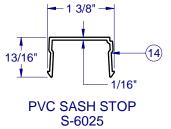




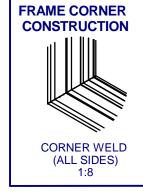
INTERNAL MULL BAR H-2127



PVC MULLBAR COVER S-6018



PVC GLAZING BEAD S-6237





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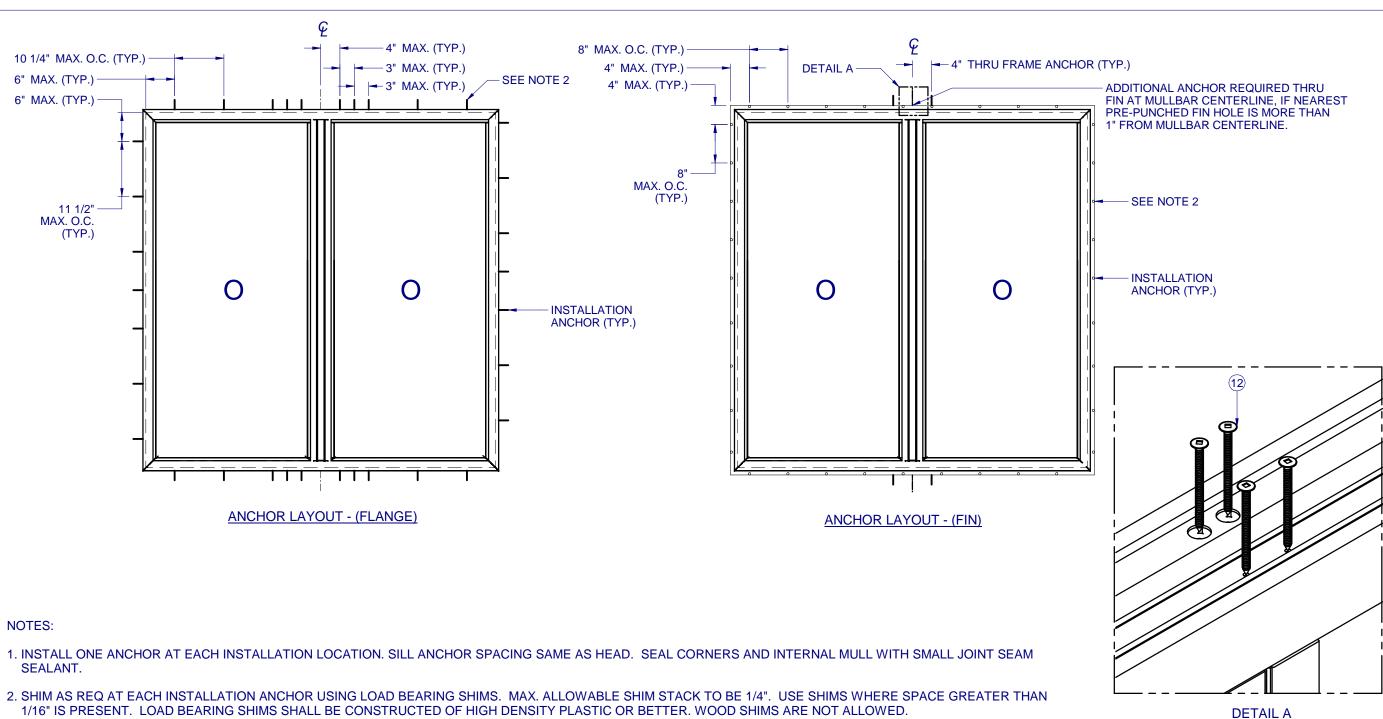
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SHEET DESCRIPTION:

DP CHART, BOM AND **EXTRUSIONS**

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- 3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 5.
- 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 5.
- 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.
- 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 5. 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)



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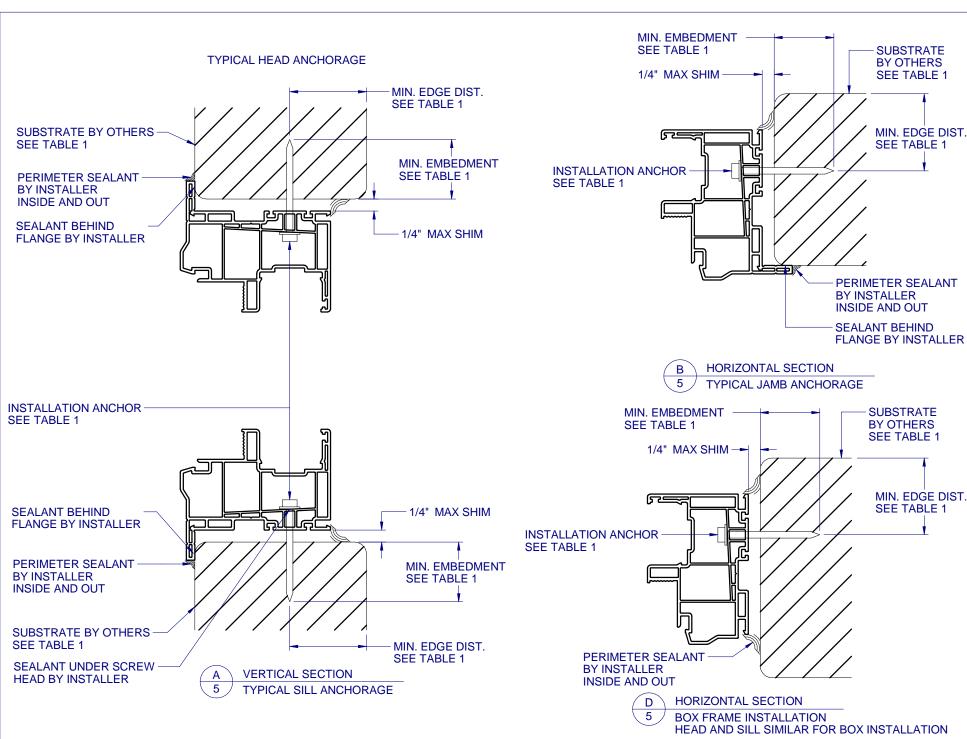
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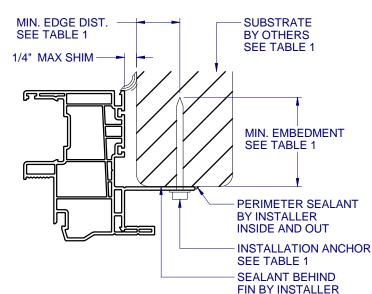
INTERNAL MULL ATTACHMENT

ANCHOR SCHEDULE AND NOTES

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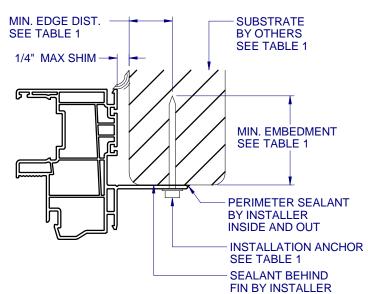
EDAME TYPE		INSTALLATION FASTENERS	IMINI EMPERMENT	MIN EDGE DICT	
FRAME TYPE	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST	
FLANGE	CONCRETE (2.0 KSI MIN.)	3/16" ITW TAPCON	1-1/2"	1-1/8"	
FLANGE	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"	
FLANGE	CONCRETE (3.05 KSI MIN.)	3/16" DEWALT ULTRACON+	1-3/4"	1"	
FLANGE	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	3/16" DEWALT ULTRACON+	1-1/4"	2-1/2"	
FLANGE	2X MIN. SOUTHERN PINE (G=0.55)	3/16" ITW TAPCON	1-3/8" 7/8"	7/8"	
I L WOL		OR DEWALT ULTRACON+		170	
FLANGE	2X MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"	
FLANGE	16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN)	#10-16 HILTI KWIK-FLEX OR ITW	FULL THREAD	7/16"	
FLANGE		TEKS SELF-DRILLING SCREW	THRU 0.060"		
FLANGE	1/8" ALUM. (6063-T5 MIN.) OR	#10 GRADE 5 SELF-TAPPING /	FULL THREAD	7/16"	
ILANGE	1/8" STEEL (33 KSI MIN.)	DRILLING SCREW	THRU 0.125"	7/10	
FIN	2X MIN. SOUTHERN PINE (G=0.55)	#8 WOOD SCREW	1-1/2"	7/16"	



HORIZONTAL SECTION

TYPICAL FIN ANCHORAGE HEAD AND SILL SIMILAR FOR FIN INSTALLATION

NOTE: ADDITIONAL THRU-FRAME ANCHORS (AS SHOWN IN DET. A/5) REQ'D AT HEAD AND SILL AT MULLION, SEE SHEET 4 ANCHOR LAYOUT.



HORIZONTAL SECTION TYPICAL FIN ANCHORAGE

NOTE: ADDITIONAL THRU-FRAME ANCHORS (AS SHOWN IN DET. A/5) REQ'D AT HEAD AND SILL AT MULLION, SEE SHEET 4 ANCHOR LAYOUT.

HEAD AND SILL SIMILAR FOR FIN 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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