

CUSTOM SERIES
FIXED WOOD WINDOW

FLORIDA STATE APPROVAL
CODE VERSION: FLORIDA BUILDING CODE 2026 - 9th EDITION
APPROVED FOR USE INSIDE HVHZ AND OUTSIDE HVHZ
CATEGORY: WINDOWS -- SUBCATEGORY: FIXED
IMPACT RESISTANT: LARGE MISSILE

GENERAL NOTES:

- 1- CODE: THIS PRODUCT HAS BEEN TESTED UNDER PROTOCOLS TAS 201, 202 AND 203 AND DESIGNED IN ACCORDANCE WITH THE FBC 2026 - 9th EDITION INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS A FIXED WOOD TYPE WINDOW DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE & SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 3- POSTING: PRODUCT SHALL BE LABELED AS PER FBC SECTION 1703.5. THE PERMANENT LABEL, MARKING OR ETCHING SHALL PROVIDE TRACEABILITY TO THE MANUFACTURER AND PRODUCT.
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-22 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HEREIN SPECIFIED. THE ULTIMATE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-22, ARE PERMITTED TO BE MULTIPLIED BY 0.6 AS PER THE FLORIDA BUILDING CODE.
- 5- MATERIAL:
5.1- ALL WOOD TO BE WITH MINIMUM 0.55 SPECIFIC GRAVITY CORRECTED FOR 12% MOISTURE CONTENT PER NDS 0.58 RAW. DENSITY OF BUTCHER BLOCK CONSTRUCTION WITH VENEER 0.535 g/cm³.
5.2- GLAZING: LAMINATED IMPACTED RATED AS SPECIFIED IN THIS APPROVAL
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

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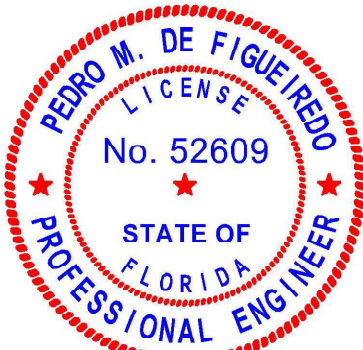
SHEET	DESCRIPTION
1 OF 6	GENERAL NOTES, TABLE OF CONTENTS, APPROVED UNITS
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Pedro
Figueiredo

Digitally signed by
Pedro Figueiredo
Date: 2026.08.15
12:25:45 -04'00'

DIGITALLY SIGNED FOR 6 PAGES

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED
BY PEDRO DE FIGUEIREDO, PE 52609 ON THE DATE
INDICATED HERE.



Pedro De Figueiredo
PE 52609
08/14/2026

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ENGINEER SEAL
PEDRO DE FIGUEIREDO
PE 52609



PRODUCT:
CUSTOM SERIES
FIXED WINDOW
LARGE & SMALL MISSILE
IMPACT RATED

MANUFACTURER:
CUSTOM DOORS
222 NE 27TH STREET
MIAMI-FLORIDA- 33137
TEL: (561) 939-3368
FAX: (877) 839-2220

SCALE:
NA

DATE:
08/14/2026

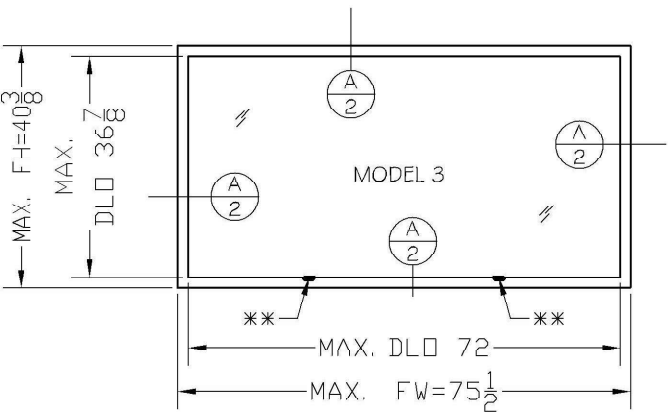
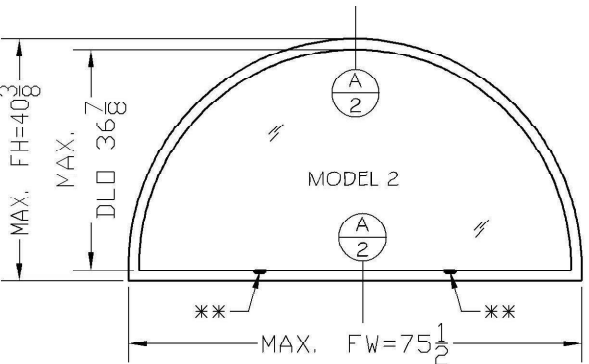
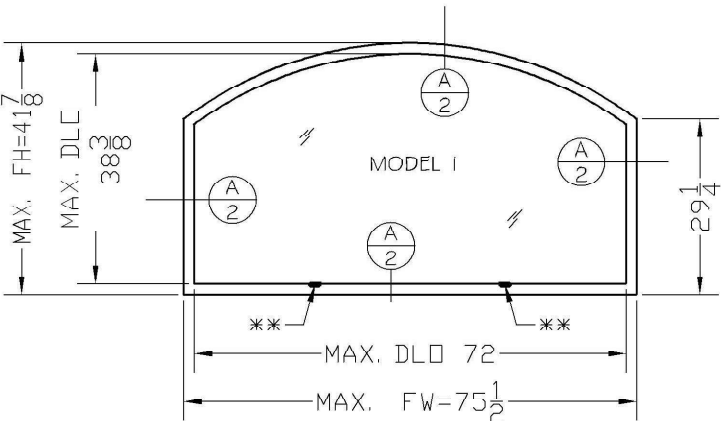
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1 OF 6

APPROVED UNITS

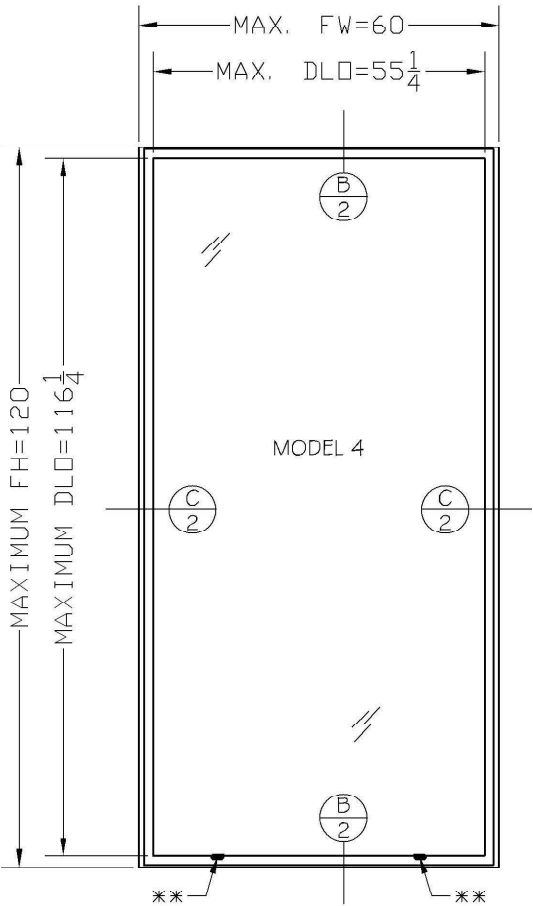
** FBC SECTION 2411.3.3.1 FOR EACH FIXED GLASS SILL WITH WIDTH MORE THAN 3 FEET TO HAVE TWO APPROVED NEOPRENE SETTING BLOCKS 70-90 SHORE A DUROMETER HARDNESS

WINDOWS CAN
BE ROTATED



WIND STRUCTURAL: PD= +65 PSF, -65 PSF
WIND CYCLIC: PD= +65 PSF, -65 PSF
IMPACT RATING: LARGE & SMALL MISSILE

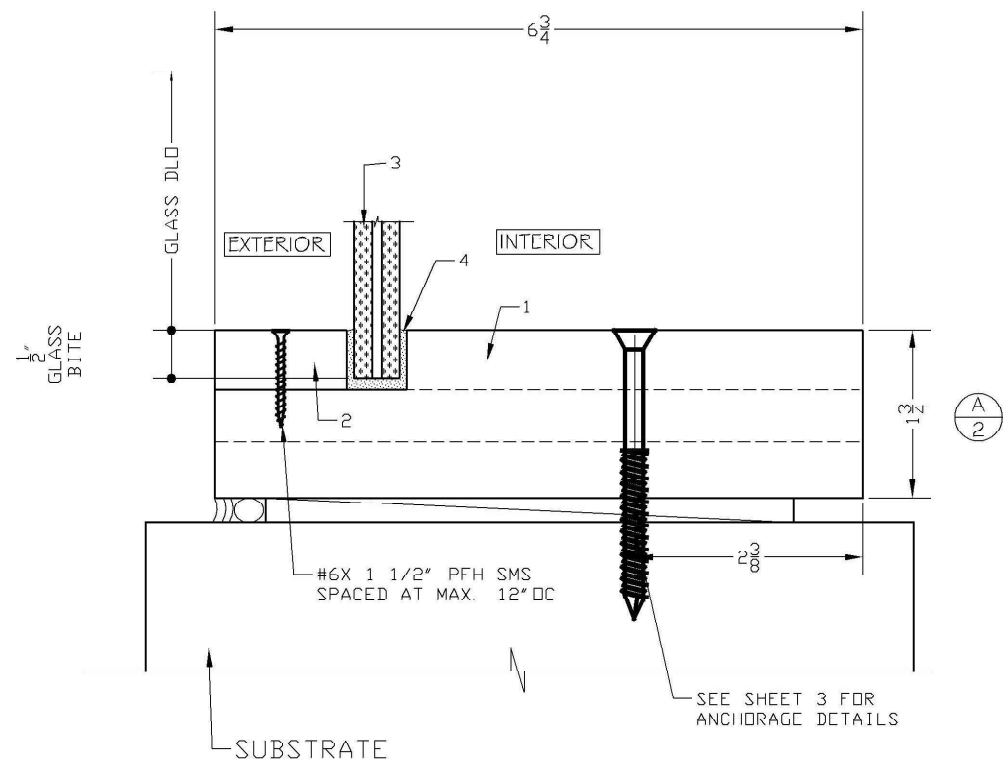
WATER RESISTANCE: ASTM E331, 11.25 PSF
(15% OF +75 PSF)
AIR INFILTRATION: ASTM E283
GLAZING: ASTM E1300



WIND STRUCTURAL: PD= +75 PSF, -75 PSF
WIND CYCLIC: PD= +75 PSF, -75 PSF
IMPACT RATING: LARGE & SMALL MISSILE

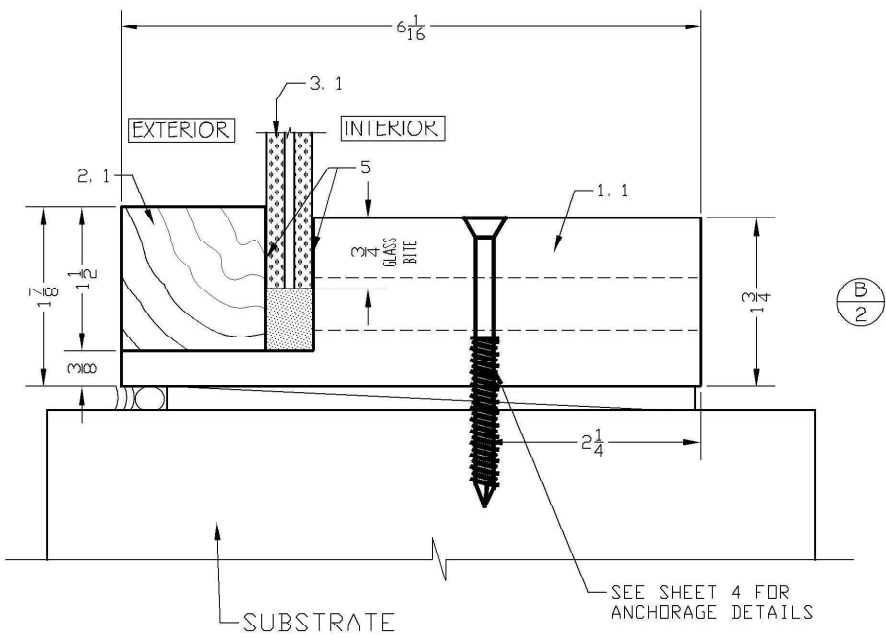
WATER RESISTANCE: ASTM E331, 11.3 PSF
(15% OF +75 PSF)
AIR INFILTRATION: ASTM E283
GLAZING: ASTM E1300

PRODUCT TYPICAL SECTION
HEADER / SILL / JAMBS
MODELS 1, 2 AND 3



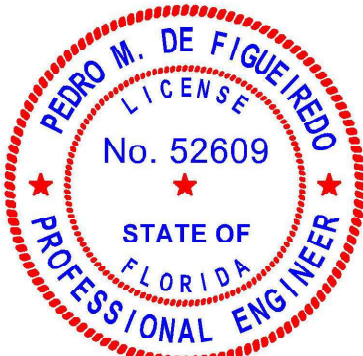
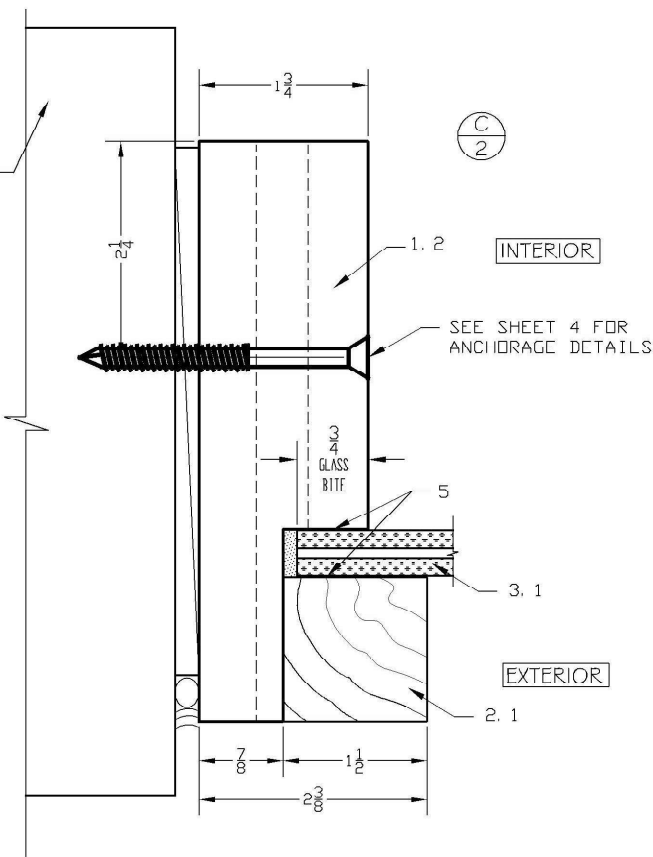
GLAZING BEAD SET IN BEAD SILICONE AND SECURED WITH:
#6 X 1 1/2" PFH SMS SPACED AT MAXIMUM 12" OC.

PRODUCT TYPICAL SECTION
HEADER / SILL - MODEL 4



PRODUCT TYPICAL SECTION
JAMBS - MODEL 4

GLAZING BEAD SET IN BEAD SILICONE AND SECURED WITH:
1" FINISHED NAILS FROM 6" FROM ENDS AND SPACED AT
MAXIMUM 6" OC PLUS
#10 X 2" WOOD SCREWS FROM 5" FROM ENDS AND SPACED
AT MAXIMUM 16" OC.



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PRODUCT:
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FIXED WINDOW
LARGE & SMALL MISLE
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MANUFACTURER:
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SETTING BLOCKS ARE REQUIRED FOR WINDOW SILL OVER 36" WIDE

FRAMING ANCHORAGE MODELS 1, 2 AND 3

FRAMING ANCHORAGE DETAILS			
OPTION 1 - GF CMU OR CONCRETE SUBSTRATE	OPTION 2 - 1X BEARING BUCK FILLER SUBSTRATE	OPTION 3 - 2X STRUCTURAL BUCK	OPTION 4 - METAL FRAMING SUBSTRATE
FRAME MOUNTED DIRECTLY INTO SUBSTRATE ANCHORS (A, A1, A2) WITH 1-3/4" MIN. EMBEDMENT AND 2 1/2" MIN. E.D. INTO GF MASONRY (JAMBS) OR INTO 3000 PSI CONCRETE	FRAME MOUNTED W/ 1X PT CONTINUOUS WOOD SPACER. ANCHORS (A, A1, A2) WITH 1 3/4" MIN. EMBED. INTO SUBSTRATE. ANCHORS (B, B1) WITH MIN. 3 TREADS INTO MIN. 1/8" THICK METAL SUBSTRATE. ANCHORS ARE TO BE INSTALLED THROUGH 1X INTO SUBSTRATE. 1X BUCK TO BE PROVIDED AND DESIGNED BY OTHERS.	FRAME MOUNTED DIRECTLY INTO 2X PT WOOD BUCK (SG>=0.55) ANCHORS (A, A1, A2, C) WITH 1- 3/8" MINIMUM EMBEDMENT INTO 2X BUCK. 2X BUCK TO BE PROVIDED AND DESIGNED BY OTHERS.	FRAME MOUNTED DIRECTLY INTO METAL STRUCTURES (MIN. 1/8" THICK). ANCHORS (B, B1) WITH MINIMUM 3 TREADS INTO 1/8" THICK METAL STRUCTURE. METAL: ASTM A36 STEEL OR 6063-T6 ALUMINUM.
REFER TO ELEVATIONS FOR ANCHORS QTY. AND LAY-OUT)			

PEDRO M. DE FIGUEIREDO
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No. 52609
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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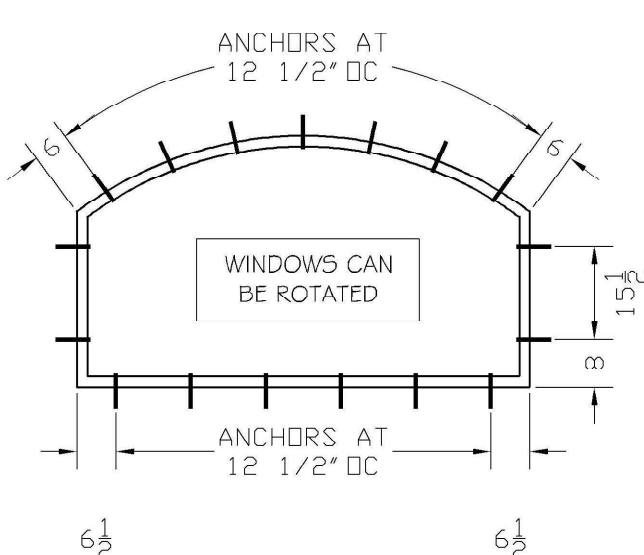
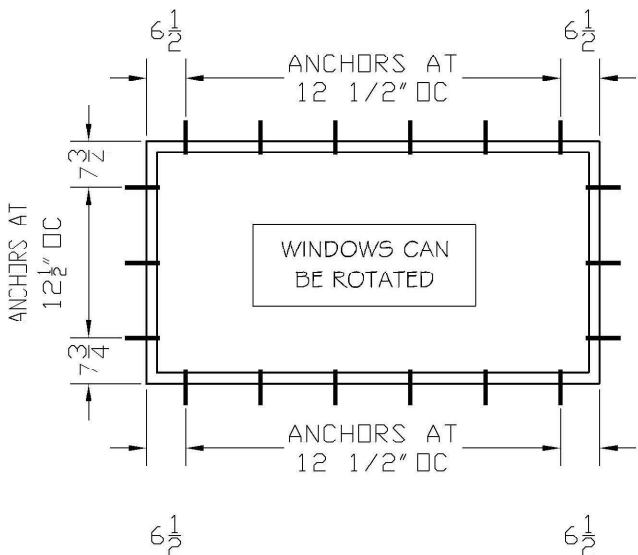
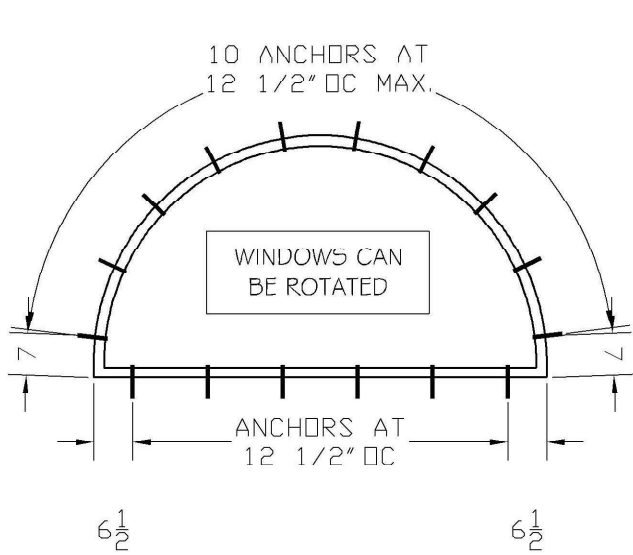
PRODUCT:
CUSTOM SERIES
FIXED WINDOW
LARGE & SMALL M155 LE
IMPAC™ RATED

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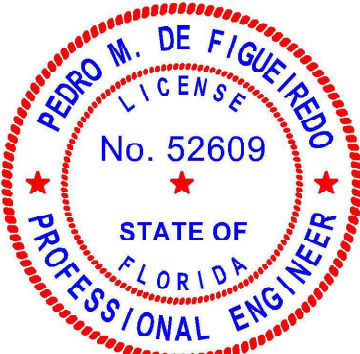
ANCHOR OPTIONS:

- A- 1/4" TAPCONS BY ITW BUILDEX
- A1- 1/4" ULTRA CON BY DEWALT
- A2- 1/4" AGGRE-GATOR BY DEWALT
- B- 1/4-20 DRILLIT FH BY DEWALT
- B1- 1/4"-20 BI-FLEX 300 SS BY DEWALT
- C- #14 SMS 300 SS GFNFRIC



FRAMING ANCHORAGE MODEL 4

FRAMING ANCHORAGE DETAILS			
OPTION 1 - GF CMU OR CONCRETE SUBSTRATE	OPTION 2 - 1X BEARING BUCK FILLER SUBSTRATE	OPTION 3 - 2X STRUCTURAL BUCK	OPTION 4 - METAL FRAMING SUBSTRATE
FRAME MOUNTED DIRECTLY INTO SUBSTRATE ANCHORS (A, A1, A2) WITH 1-3/4" MIN. EMBEDMENT AND 2 1/2" MIN. E.D. INTO GF MASONRY (JAMBS) OR INTO 3000 PSI CONCRETE	FRAME MOUNTED W/ 1X PT CONTINUOUS WOOD SPACER. ANCHORS (A, A1, A2) WITH 1 3/4" MIN. EMBED. INTO SUBSTRATE. ANCHORS (B, B1) WITH MIN. 3 TREADS INTO MIN. 1/8" THICK METAL SUBSTRATE. ANCHORS ARE TO BE INSTALLED THROUGH 1X INTO SUBSTRATE.	FRAME MOUNTED DIRECTLY INTO 2X PT WOOD BUCK (SG>=0.55) ANCHORS (A, A1, A2, C) WITH 1-3/8" MINIMUM EMBEDMENT INTO 2X BUCK.	FRAME MOUNTED DIRECTLY INTO METAL STRUCTURES (MIN. 1/8" THICK). ANCHORS (B, B1) WITH MINIMUM 3 TREADS INTO 1/8" THICK METAL STRUCTURE. METAL: ASTM A36 STEEL OR 6063-T6 ALUMINUM.
	1X BUCK TO BE PROVIDED AND DESIGNED BY OTHERS.	2X BUCK TO BE PROVIDED AND DESIGNED BY OTHERS.	
REFER TO ELEVATIONS FOR ANCHORS QTY. AND LAY-OUT)			



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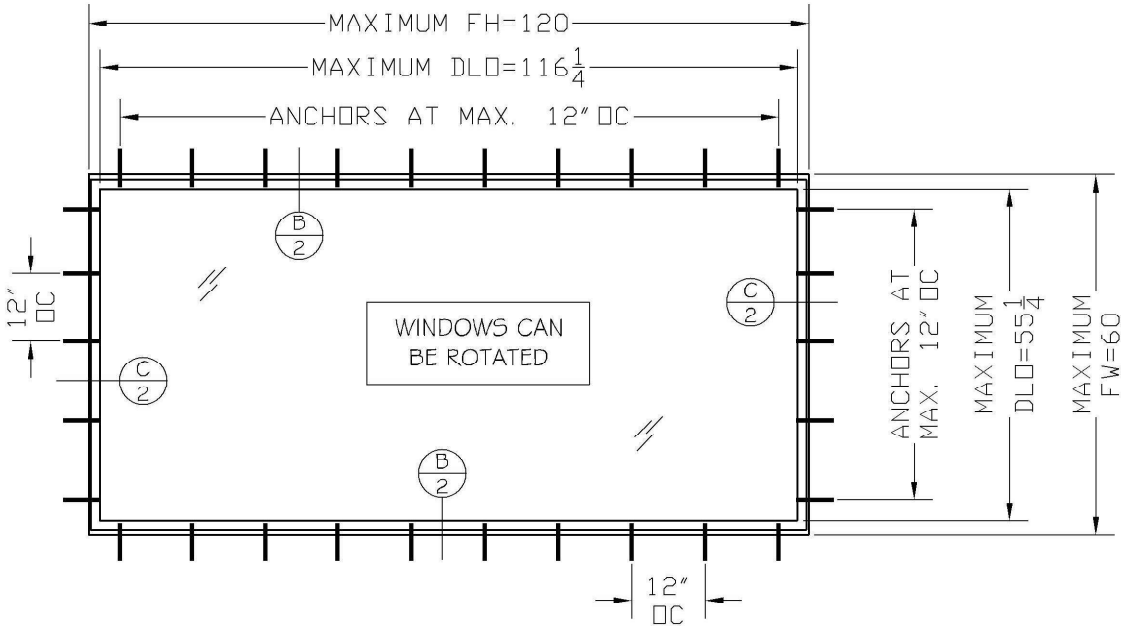
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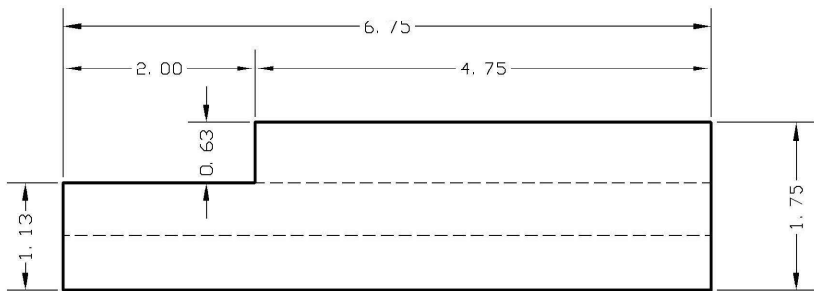
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ANCHOR OPTIONS:

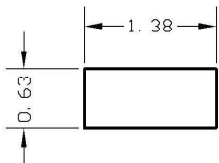
- A- 1/4" TAPCONS BY ITW BILJ DFX
- A1- 1/4" ULTRACON BY DEWALT
- A2- 1/4" AGGRE-GATOR BY DEWALT
- B- 1/4"-20 DRILLIT FH BY DEWALT
- B1- 1/4"-20 BI-FLEX 300 SS BY DEWALT
- C- #14 SMS 300 SS GENERIC



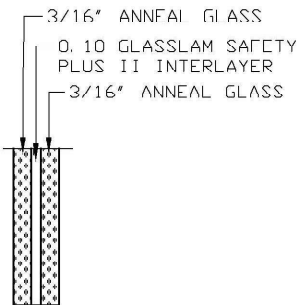
PRODUCT COMPONENTS
MODELS 1, 2 AND 3



1 - HEADER / JAMB / SILL
LAMINATED MAHOGANY WOOD
OR SOLID MAHOGANY WOOD



2- GLAZING STOP
SOLID MAHOGANY WOOD



3- IMPACT GLASS
7/16" ANNEAL LAMINATED

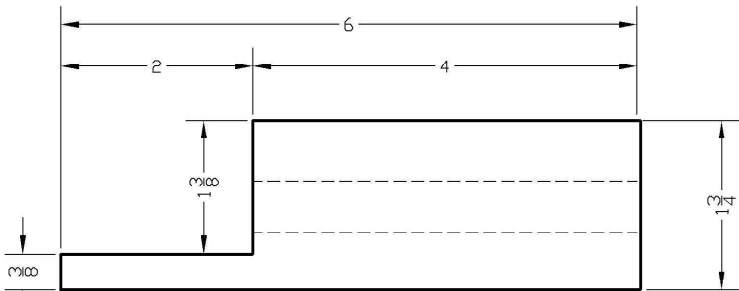
BILL OF MATERIALS:

PART#	DESCRIPTION	MATERIAL
1	6 5/8 X 1 3/4 FRAME	LAMINATED/ SOLID WOOD
2	1 3/8 X 5/8" GLASS STOP	SOLID WOOD
3	1/2" IMPACT GLASS	LAMINATED ANNFAL GLASS
4	DOW CORNING 995	STRUCTURAL SILICONE

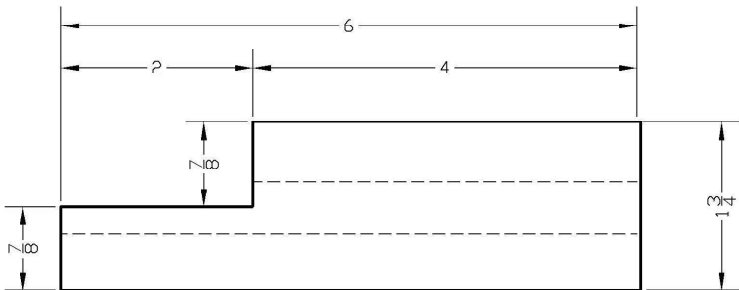
ASSEMBLY SCREWS:

PART#	DESCRIPTION	MATERIAL
S1	#10 X 3" PFH SMS	ZINC PLATED STEEL
S4	#6 X 1 1/2" PFH SMS	ZINC PLATED STEEL

PRODUCT COMPONENTS
MODEL 4



1.1 - HEADER AND SILL
LAMINATED MAHOGANY WOOD
OR SOLID MAHOGANY WOOD



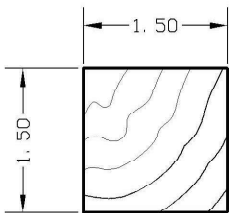
1.2- JAMBS
LAMINATED MAHOGANY WOOD
OR SOLID MAHOGANY WOOD

BILL OF MATERIALS:

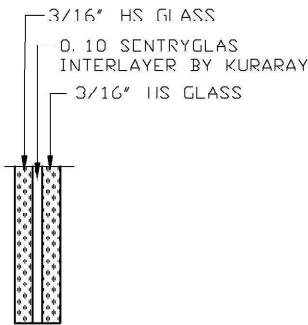
PART#	DESCRIPTION	MATERIAL
1.1	6 X 1 3/4 HEADER & SILL FRAME	LAMINATED/ SOLID WOOD
1.2	6 X 1 3/4 JAMBS FRAME	LAMINATED/ SOLID WOOD
2.1	1 1/2 X 1 1/2" GLASS STOP	SOLID WOOD
3.1	1/2" IMPACT GLASS	LAMINATED HS GLASS
4	DOW CORNING 995	STRUCTURAL SILICONE

ASSEMBLY SCREWS / NAILS:

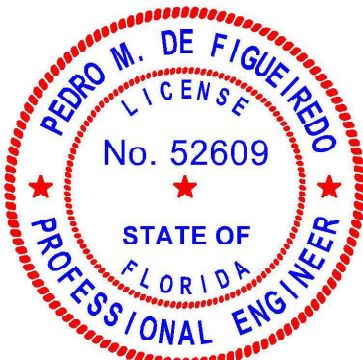
PART#	DESCRIPTION	MATERIAL
S1	#10 X 3" PFH SMS	ZINC PLATED STEEL
S2	#10 X 2" PFH SMS	ZINC PLATED STEEL
N1	1" FINISHED NAILS	GALVANIZED



2.1 - GLAZING STOP
SOLID MAHOGANY WOOD



3.1 - IMPACT GLASS
7/16" HS LAMINATED



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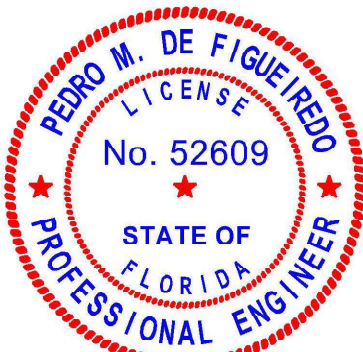
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WINDOW FRAME ASSEMBLY
MODEL 1, 2, 3 AND 4

FBC 2026 - SECTION 1711
ANCHORAGE IN SALTWATER ENVIRONMENTS



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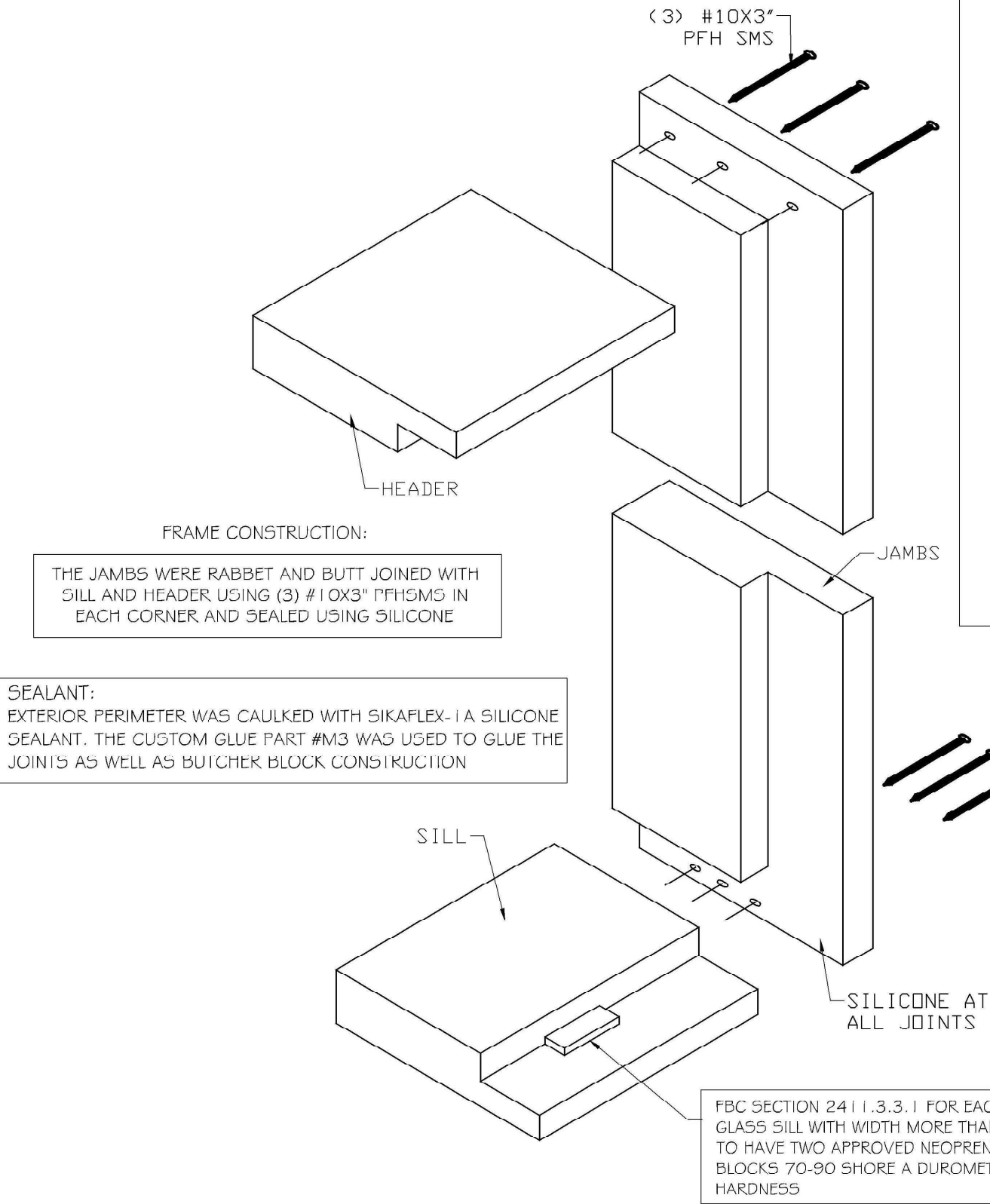
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TABLE 1711.1 - CORROSION RESISTANCE OF FASTENERS

EXPOSURE		BUILDING LOCATION FROM COASTAL SHORELINE	
		≤ 300 FEET	>300 AND ≤3000 FEET
EXTERIOR	PARTIALLY SHELTERED	STAINLESS STEEL SECTION 1711.1.1.1	GALVANIZED SECTION 1711.1.1.2
	OPEN EXPOSED		
INTERIOR UNCONDITIONED ENCLOSED	VENTED	GALVANIZED SECTION 1711.1.1.2	GALVANIZED SECTION 1711.1.1.2
	UNVENTED		

SILL, HEADER AND JAMB ANCHORS CAN BE
CONSIDERED INTERIOR UNCONDITIONED UNVENTED

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ANCHOR DATA

MARK	MANUFACTURER	DESCRIPTION	SUBSTRATE	EMB.	ED	FBC 2026 SECTION 1711 COMPLIANCE
A	ITW BUILDEX	1/4" TAPCONS	CONCRETE / CMU	1.75	2.5	1711.1.1.2
A1	DEWALT	1/4" ULTRACON W/ STALGARD	CONCRETE / CMU	1.75	2.5	1711.1.1.2
A2	DEWALT	1/4" AGGRE-GATOR 300 SS	CONCRETE / CMU	1.75	2.5	1711.1.1.1
B	DEWALT	1/4" -20 DRILLIT SDS	1/8" STEEL / ALUM.	3 TREADS	0.5	1711.1.1.2
B1	DEWALT	1/4" -20 BI-FLEX 300 SS SDS	1/8" STEEL / ALUM.	3 TREADS	0.5	1711.1.1.1
C	GENERIC	#14 - 300 SS WOOD SCREWS	SG>=0.55 WOOD	1.375	1	1711.1.1.1