

GENERAL NOTES:
(FLORIDA BUILDING CODE 2026 - 9TH EDITION)

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS A WOOD FIXED 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 WITH A PERMANENT LABEL, MARKING OR ETCHING AND SHALL PROVIDE TRACEABILITY TO THE MANUFACTURER AND PRODUCT.
- 4- PROJECT DESIGN PRESSURES: THE PROJECT DESIGNED PRESSURES MUST BE CALCULATED BASED ON ASCE 7-22, BY A PROFESSIONAL ARCHITECT OR ENGINEER. THE PROJECT ULTIMATE DESIGNED PRESSURES, AS DETERMINED BY ASCE 7-22, ARE PERMITTED TO BE MULTIPLIED BY 0.6 AND THEY MUST NOT EXCEED THE ALLOWABLE PRODUCT PRESSURE SPECIFIED HERE-IN.
- 5- MATERIAL: ALL WOOD PARTS TO BE SOLID OR LAMINATED MAHOGANY OR ANY OTHER SPECIES WITH SPECIFIC GRAVITY GREATER OR EQUAL TO 0.45.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR QUANTITY & SPACING MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 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.
- 8- WOOD BUCKS (1x or 2x) BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- 9- SEE PAGE 9 FOR COMPLIANCE WITH THE FBC 2026 SECTION 1711 ON CORROSION RESISTANCE OF FASTENERS LOCATED UP TO 3000 FEET FROM COASTAL SHORELINE.

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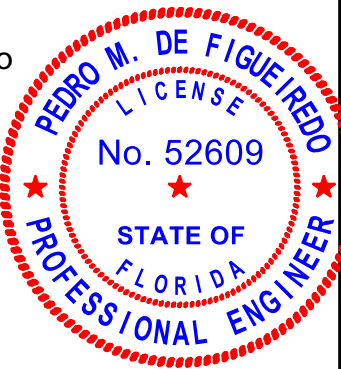
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Pedro
Figueiredo

Digitally signed by Pedro Figueiredo
Date: 2026.08.31 07:22:34 -04'00'

DIGITALLY SIGNED FOR 9 PAGES

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



Pedro De Figueiredo
08/29/2026



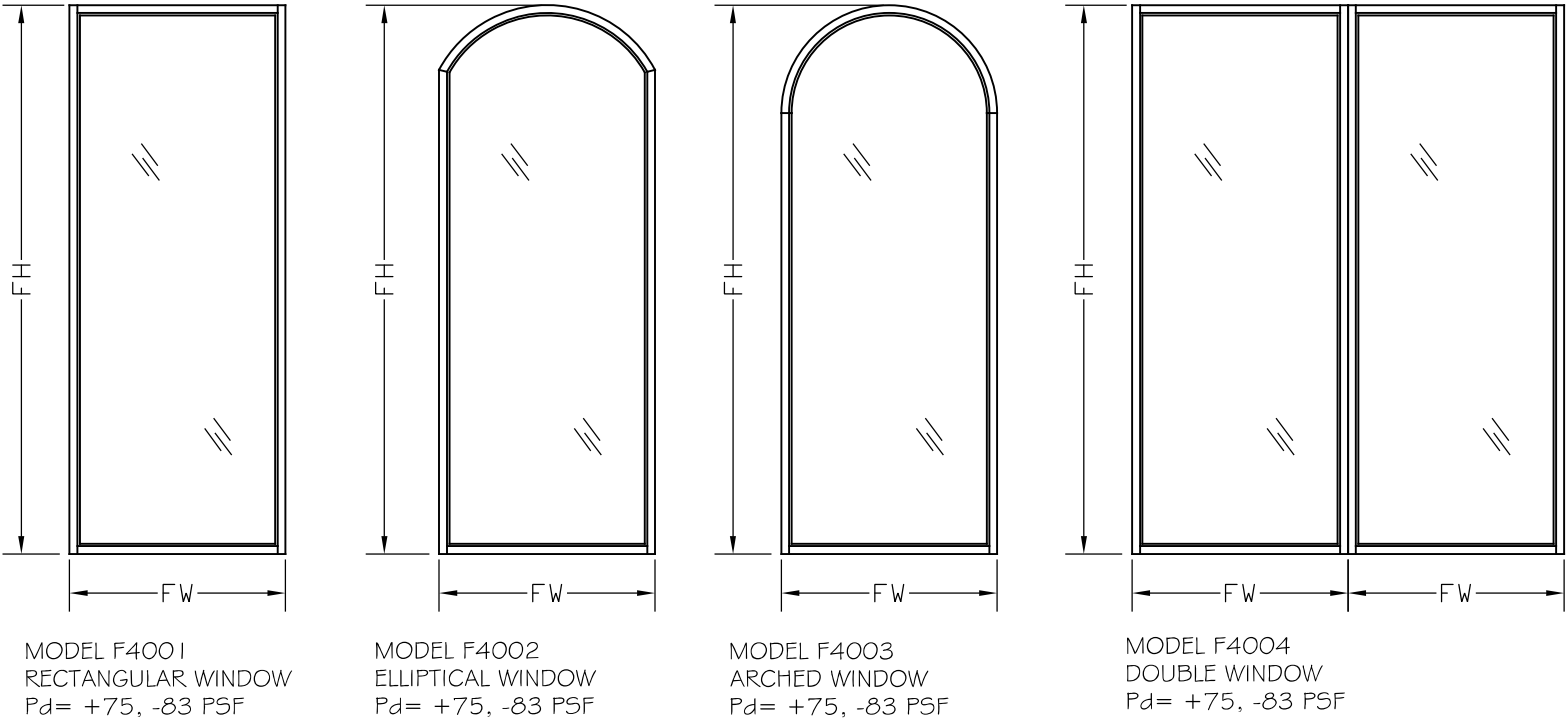
PRODUCT:
SERIES F4000
MAHOGANY FIXED
IMPACT WINDOWS
LARGE & SMALL MISSILE

PREMIUM ESTATES S.A.C.
AV. RICARDO PALMA #843 - LIMA, PERU
TEL: (511) 610-9110

SCALE:
NA
DATE:
08/29/2026
DRAWING #
26-200
SHEET
1 OF 9

ENGINEERING SERVICES - CA 32459
9715 W. BROWARD BLVD.
PLANTATION, FL 33324
PFMF@AOL.COM
ENGINEER SEAL
PEDRO DE FIGUEIREDO
PE 52609

MODEL F4001 , F4002, F4003 & F4004



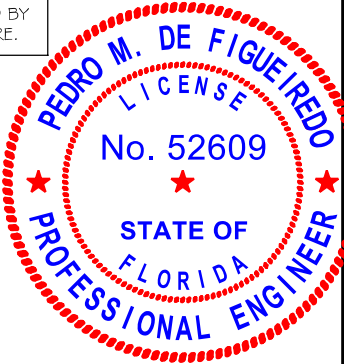
DESIGNED RATING PRESSURES:

PD= + 75 PSF, -83 PSF
SMALL & LARGE MISSILE IMPACT

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

MODEL F400 I - RECTANGULAR

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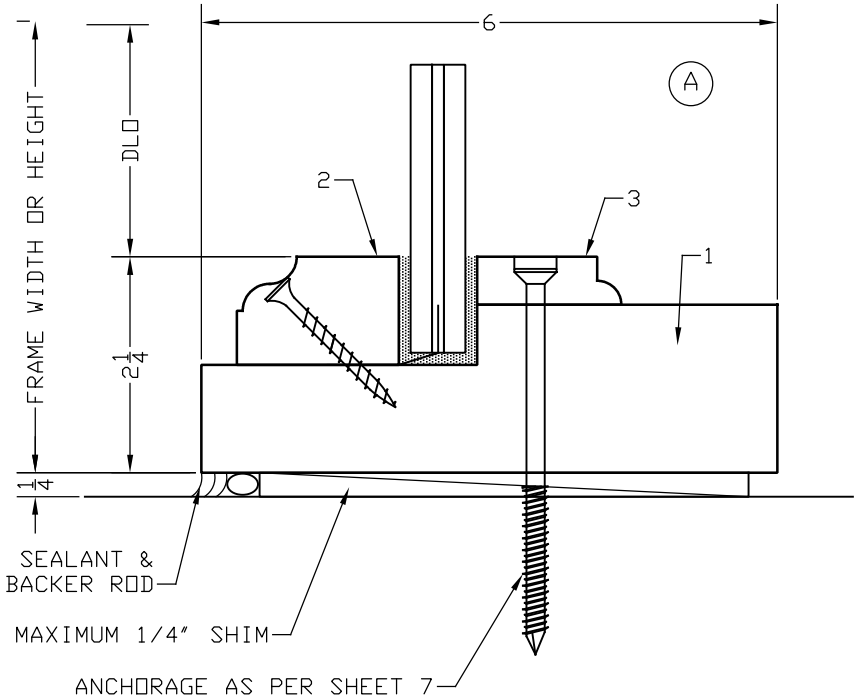
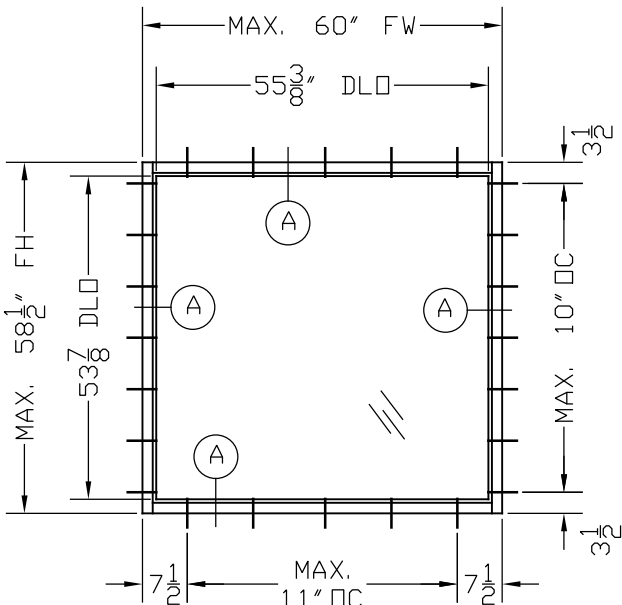
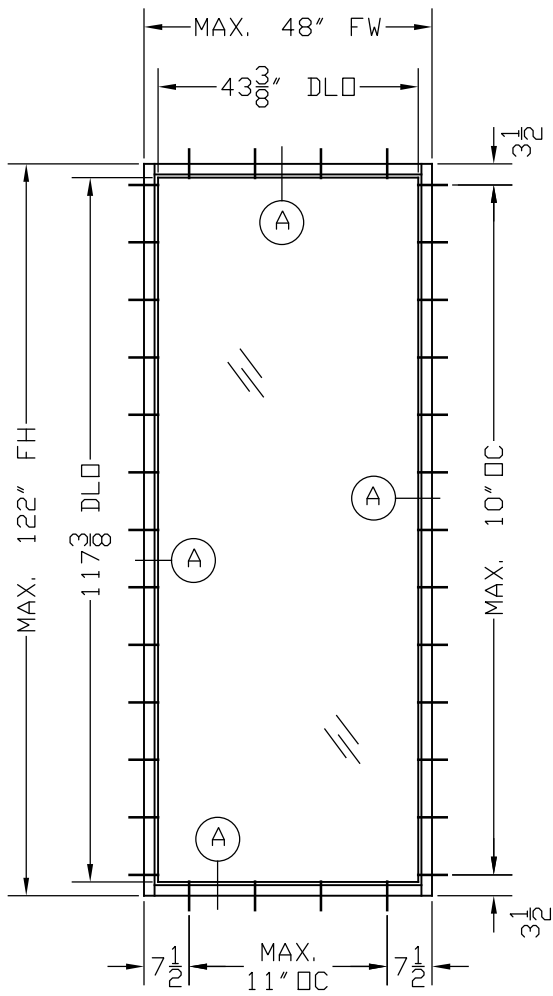
Pedro De Figueiredo
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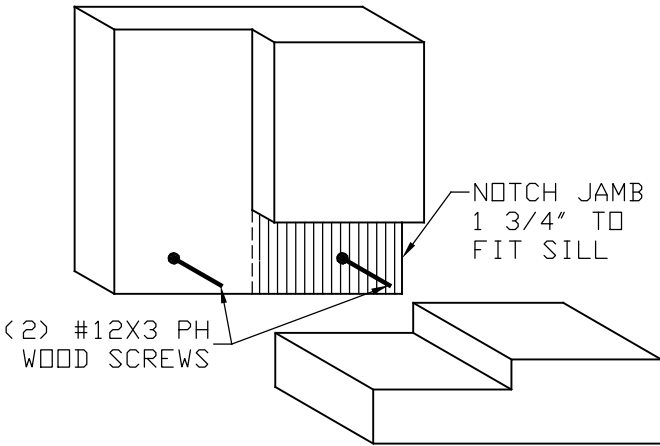
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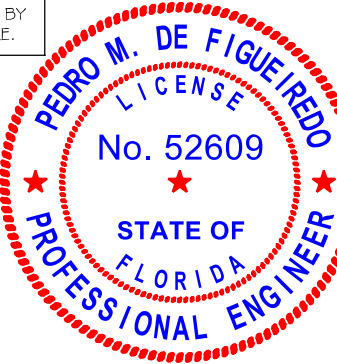


CORNER CONSTRUCTION:
BUTT JOINED WITH JAMB MEMBER
RABBITED TO 1 1/8". GLUE WAS APPLIED
TO EACH CORNER AND JOINED WITH (2)
#12X3 PHWS



MODEL F4002 - ELLIPTICAL

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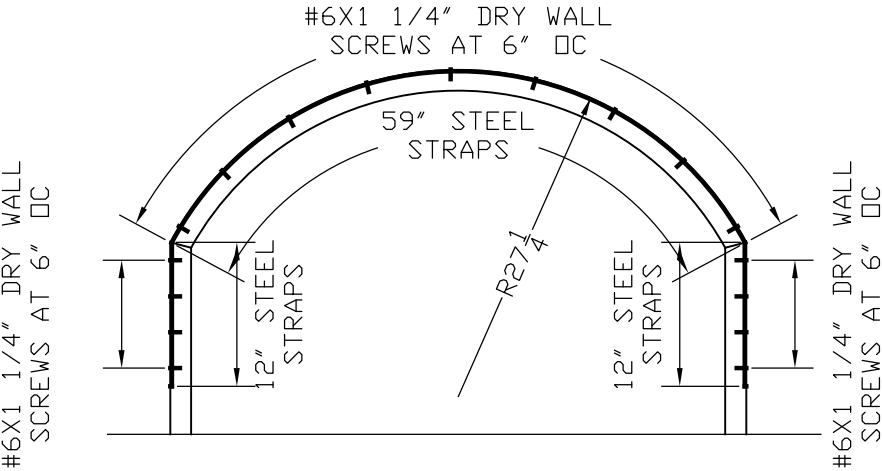
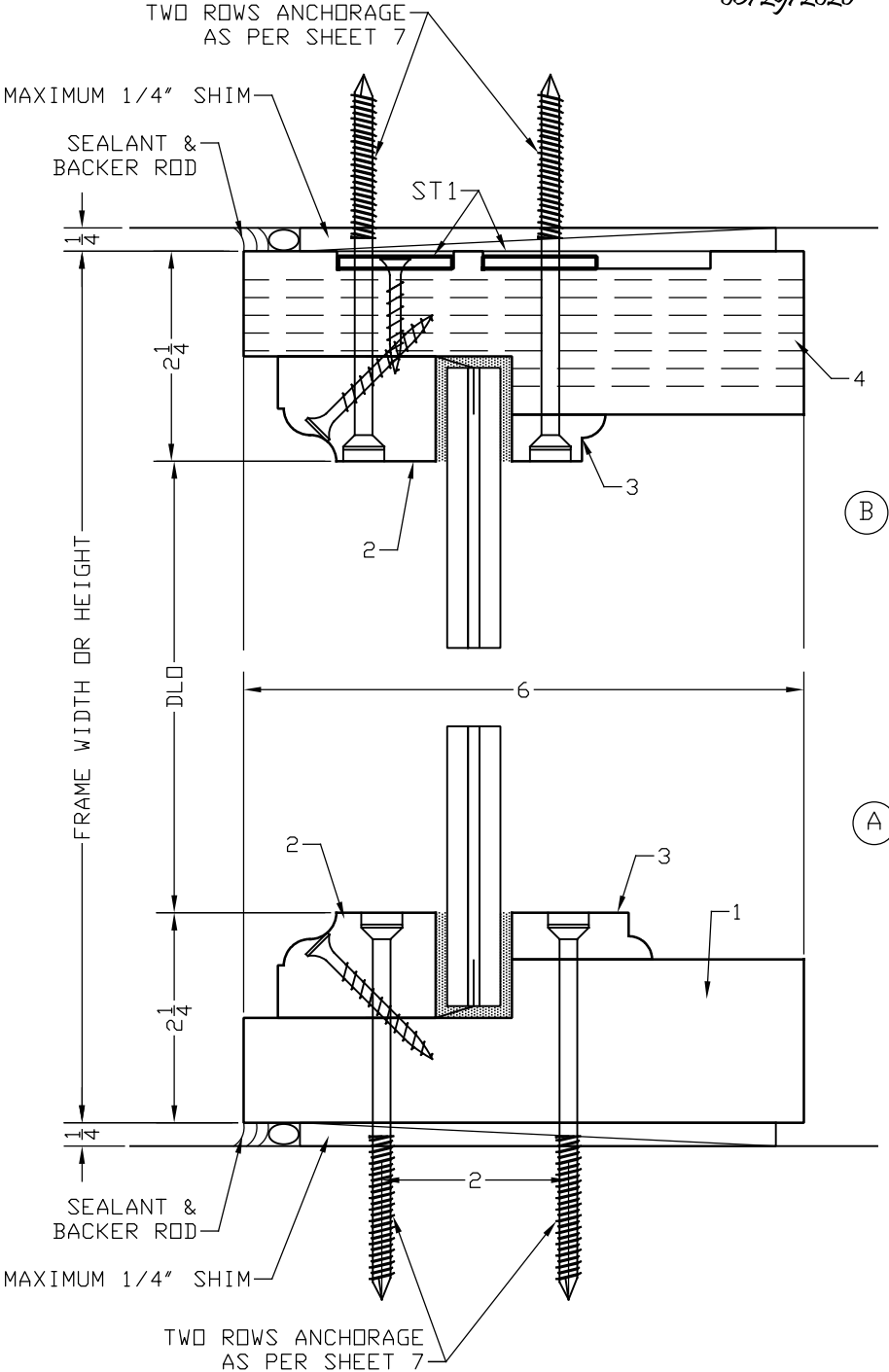
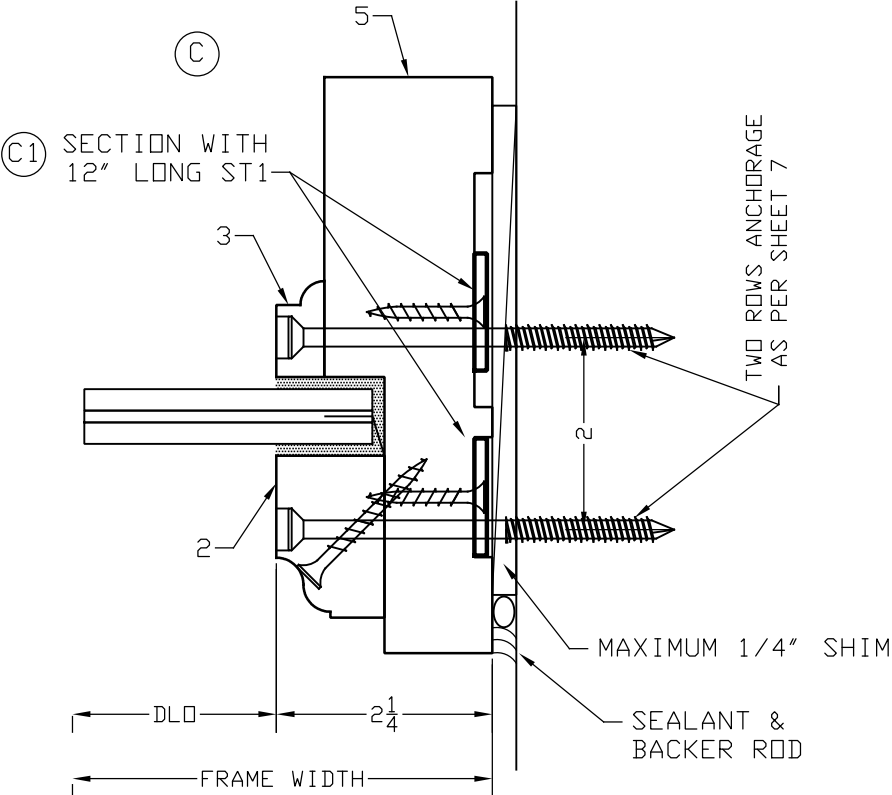
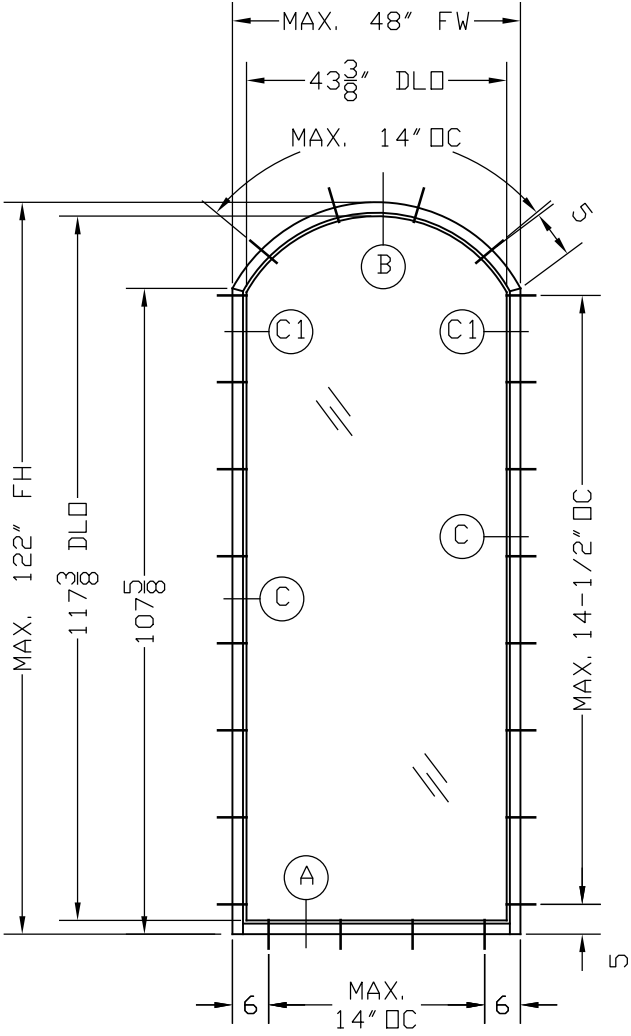
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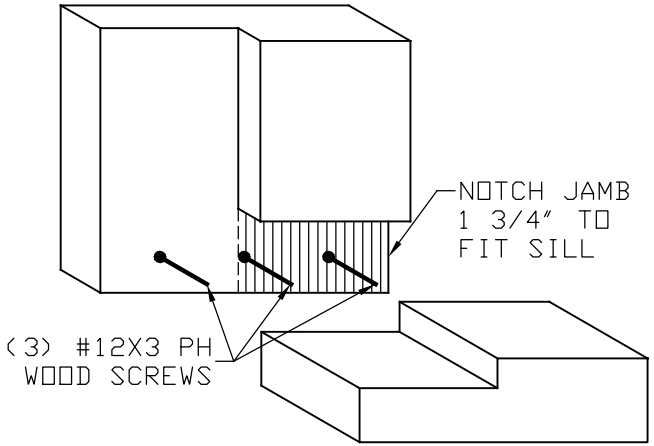
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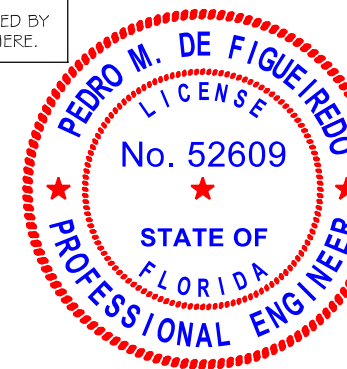


ARCH STRAP CONSTRUCTION:
ARCH AND JAMBS ARE MITER CUT, GLUE
AND STRAPPED W/ (2) ST1.
STEEL STRAPS ARE ATTACHED TO WOOD
FRAMING WITH #6X1 1/4" DRY WALL SCREWS

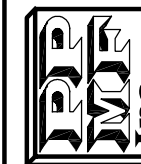
CORNER CONSTRUCTION:
BUTT JOINED WITH JAMB MEMBER
RABBITED TO 1 1/8". GLUE WAS
APPLIED TO EACH CORNER AND
JOINED WITH (3) #12X3 PHWS



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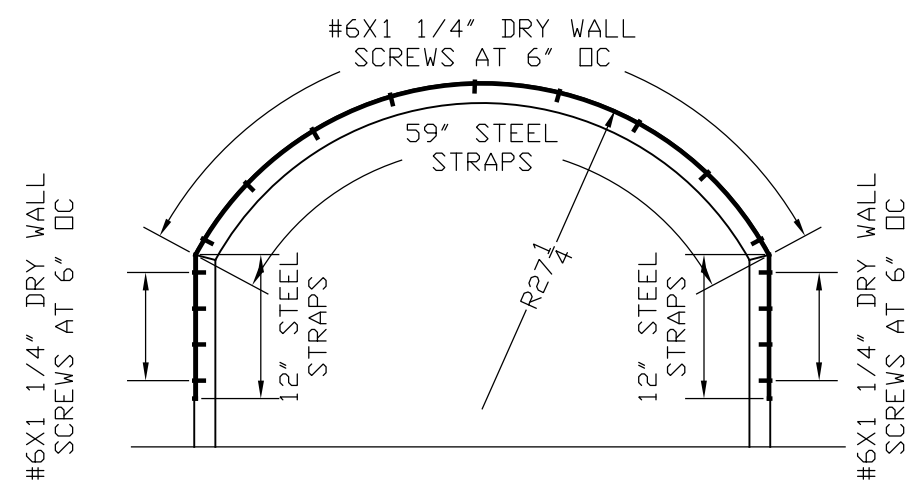
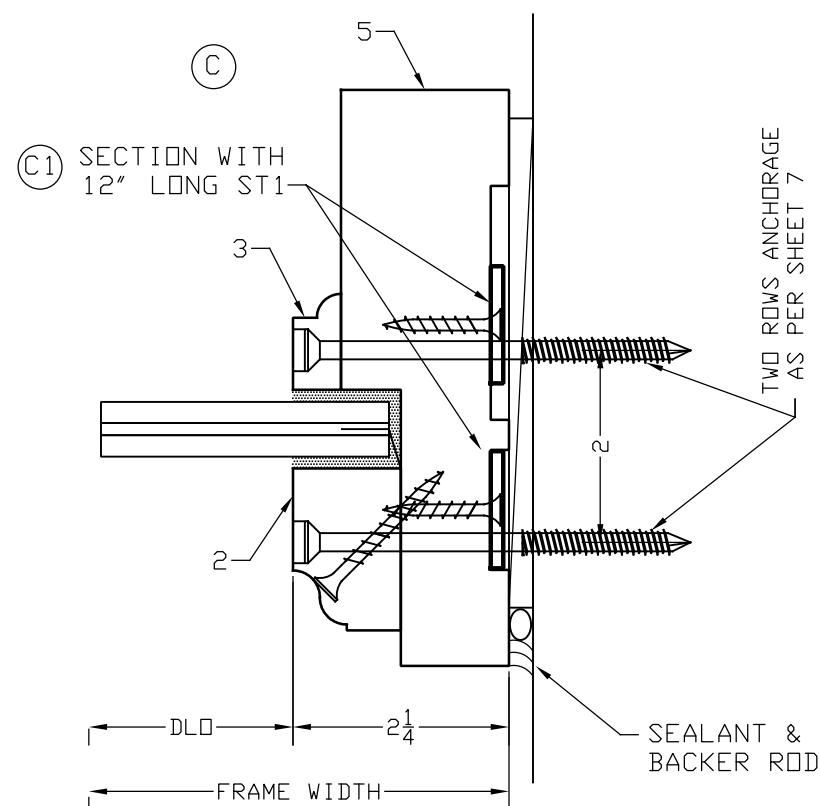
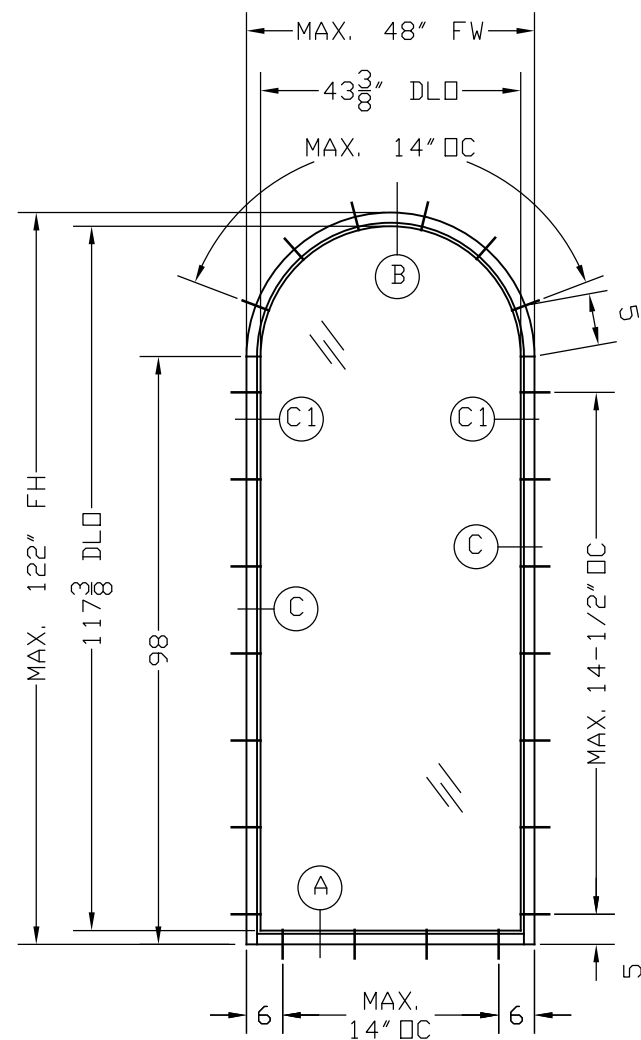
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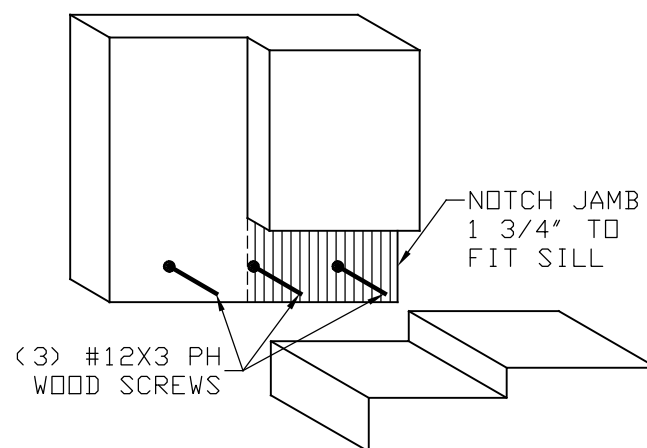
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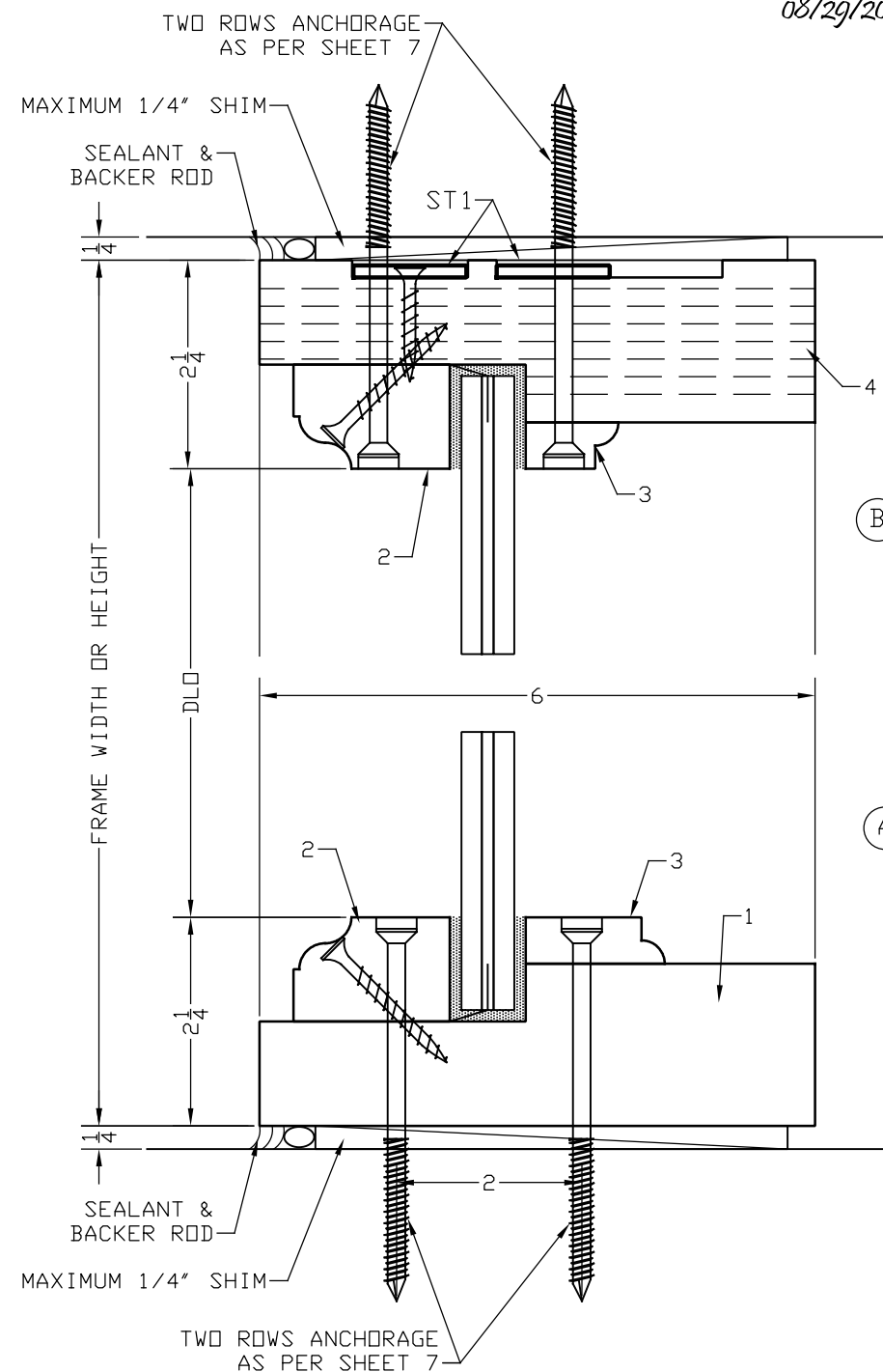
SHEET
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ARCH STRAP CONSTRUCTION:
ARCH AND JAMBS ARE MITER CUT, GLUE AND
STRAPPED W/ (2) ST1.
STEEL STRAPS ARE ATTACHED TO WOOD FRAMING
WITH #6X1 1/4" DRY WALL SCREWS

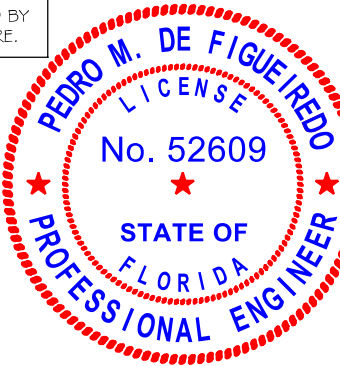


CORNER CONSTRUCTION:
BUTT JOINED WITH JAMB MEMBER
RABBETED TO 1 1/8". GLUE WAS APPLIED
TO EACH CORNER AND JOINED WITH (3)
#12X3 PHWS



MODEL F4004 - DOUBLE

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08/29/2026

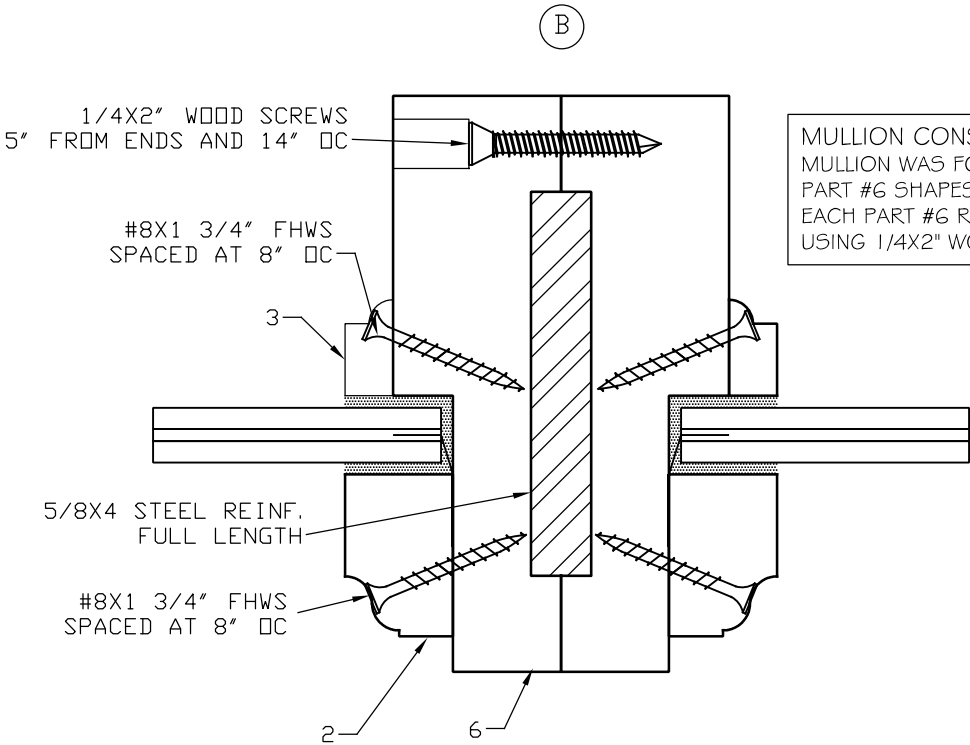
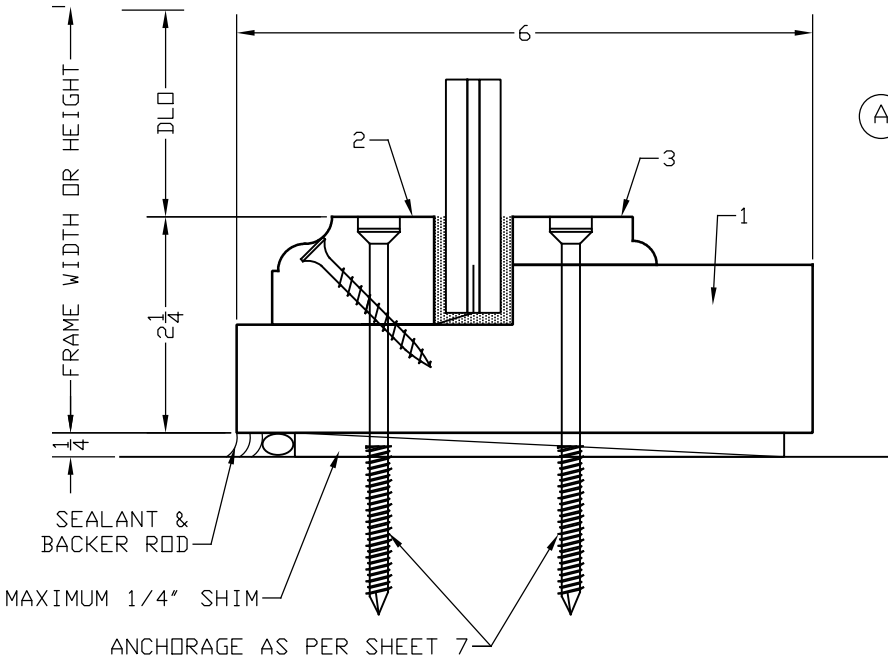
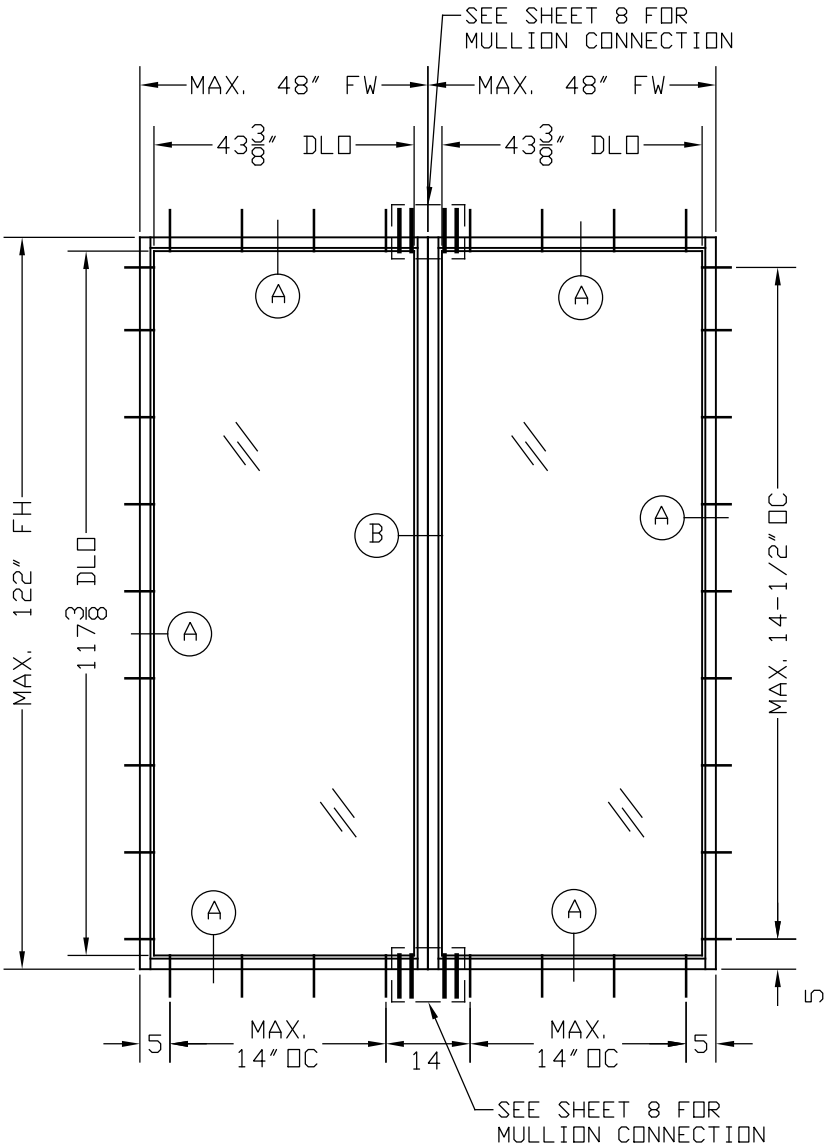
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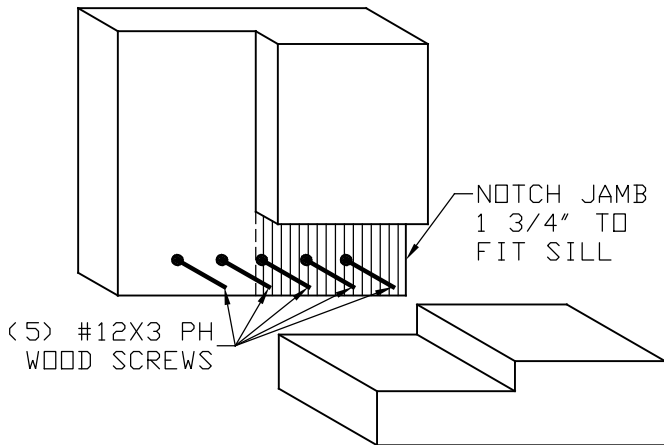
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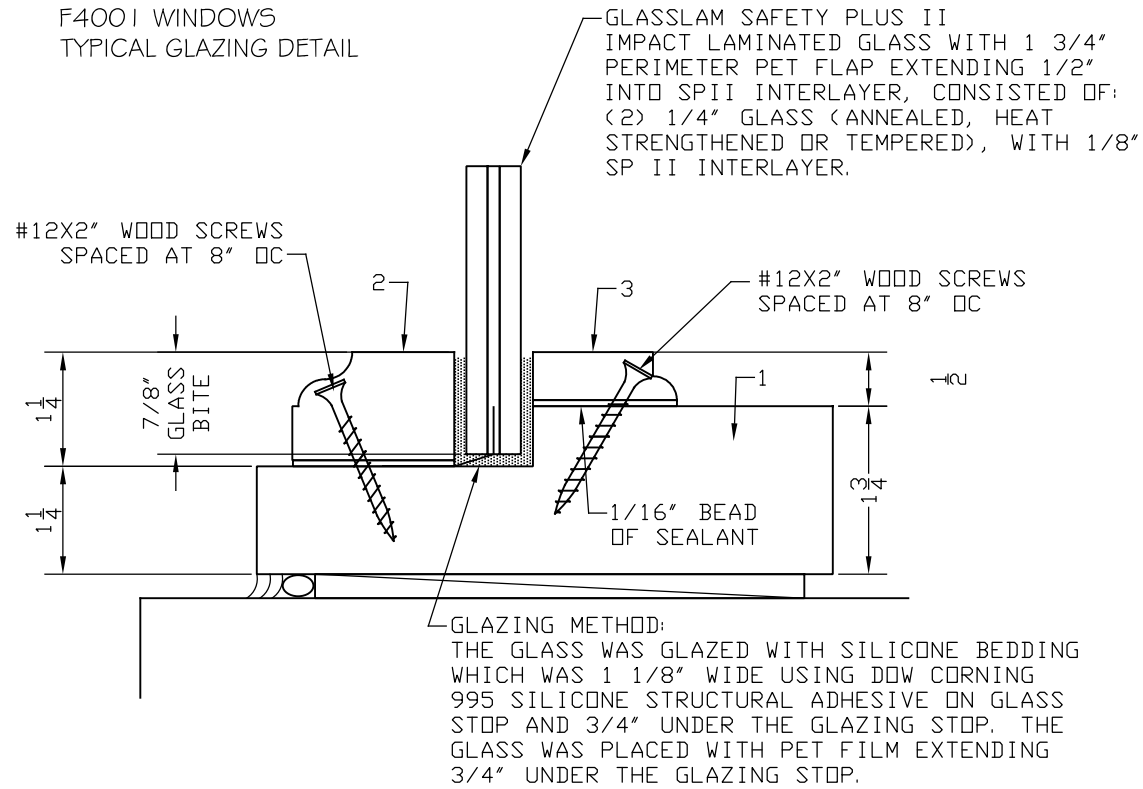


MULLION CONSTRUCTION:
MULLION WAS FORMED BY USING A 5/8X4" STEEL PLATE IN BETWEEN TWO
PART #6 SHAPES. DOW 995 SILICONE TO BE APPLIED TO THE SURFACE OF
EACH PART #6 RECESS. THE TWO PART #6 SHAPES WERE FURTHER JOINED BY
USING 1/4X2" WOOD SCREWS STARTING AT 5" FROM ENDS AND 14" OC.

CORNER CONSTRUCTION:
BUTT JOINED WITH JAMB MEMBER
RABBETED TO 1 1/8". GLUE WAS APPLIED
TO EACH CORNER AND JOINED WITH (5)
#12X3 PHWS

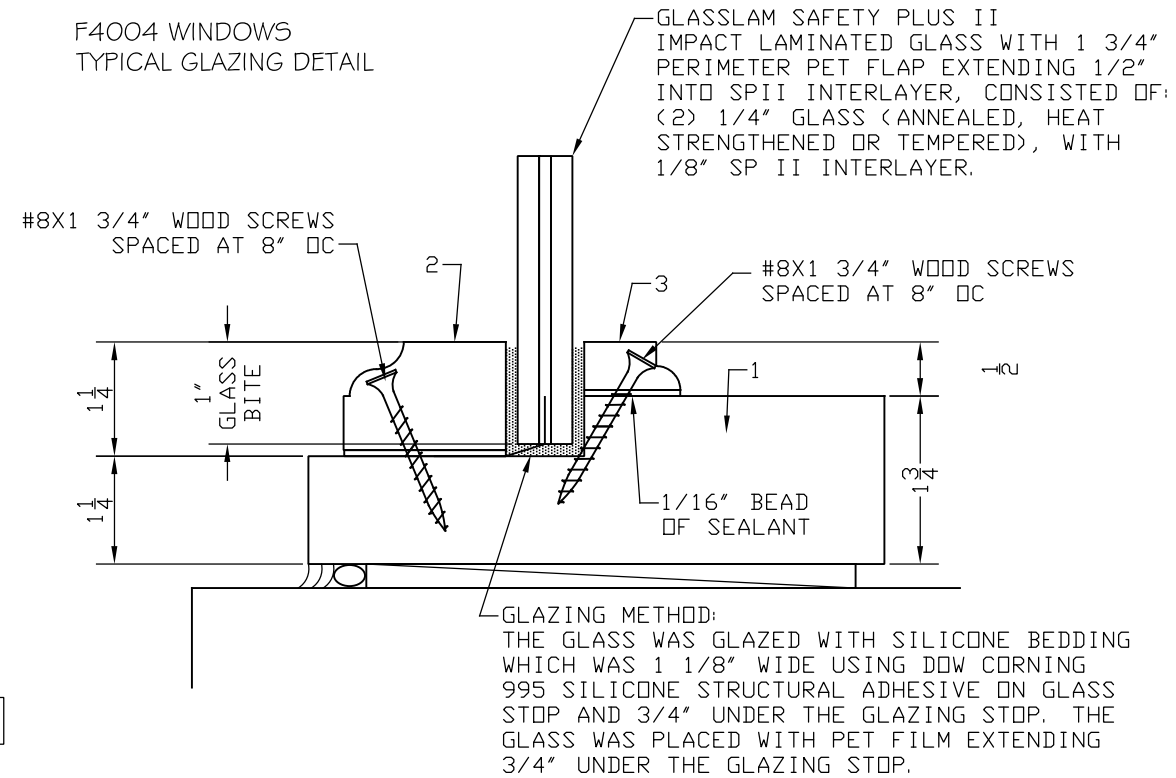


F4001 WINDOWS TYPICAL GLAZING DETAIL

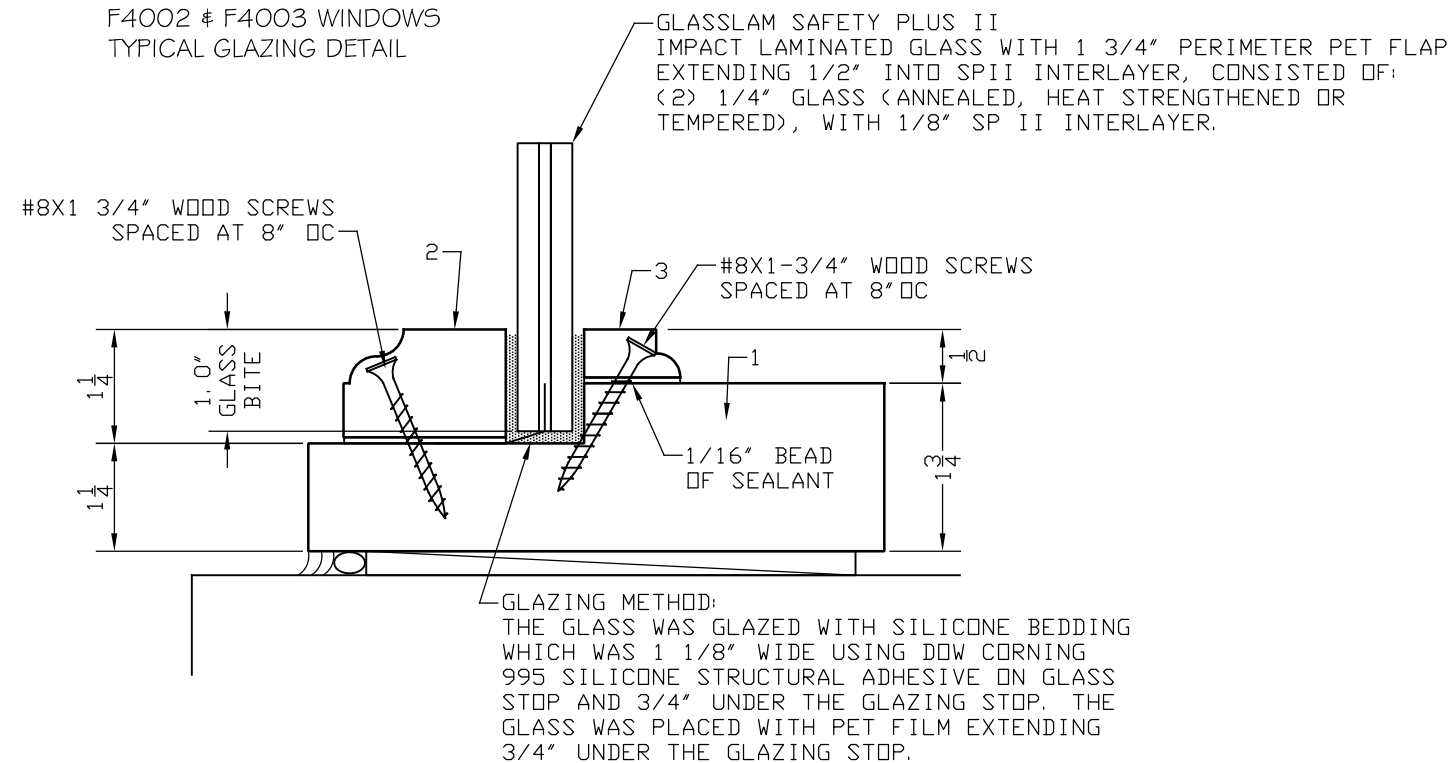


LAMINATED GLASS IN COMPLIANCE WITH ASTM E1300

F4004 WINDOWS TYPICAL GLAZING DETAIL



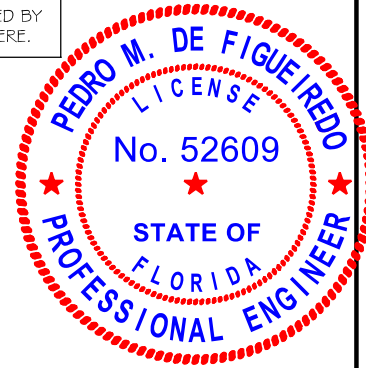
F4002 & F4003 WINDOWS TYPICAL GLAZING DETAIL



MAXIMUM FW x FH		MAXIMUM GLAZING DLO:		
		MAXIMUM DLO		GLASS TYPE
WIDTH	HEIGHT	WIDTH	HEIGHT	
48	122	43 3/8	117 3/8	B & C
40	122	35 3/8	117 3/8	A, B & C
48	84	43 3/8	79 3/8	A, B & C
60	58.5	55 3/8	53 3/8	A, B & C

A- (2) 1/4" GLASS ANNEALED WITH 1/8" SP II INTERLAYER.
B- (2) 1/4" GLASS HEAT STRENGTHENED WITH 1/8" SP II INTERLAYER.
C- (2) 1/4" GLASS TEMPERED, WITH 1/8" SP II INTERLAYER.

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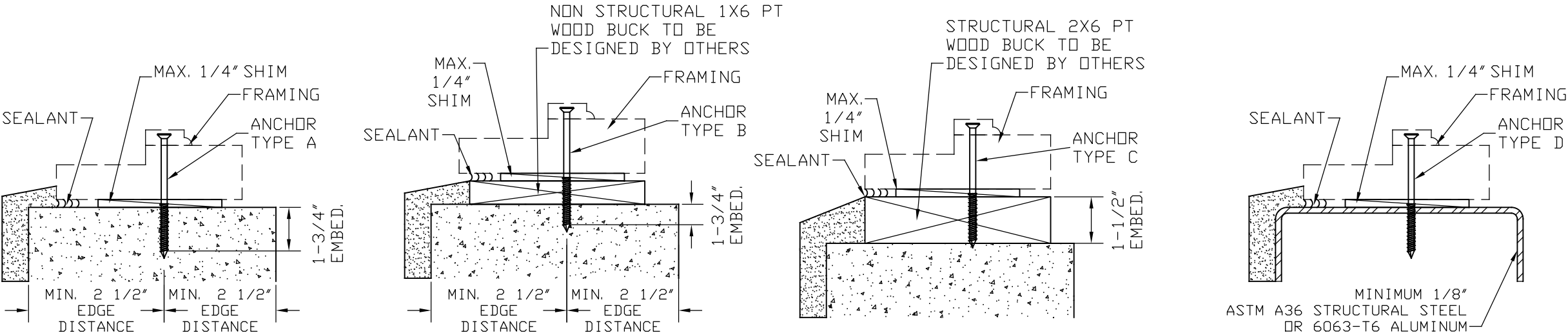
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FRAMING ANCHORAGE

MODEL F4001



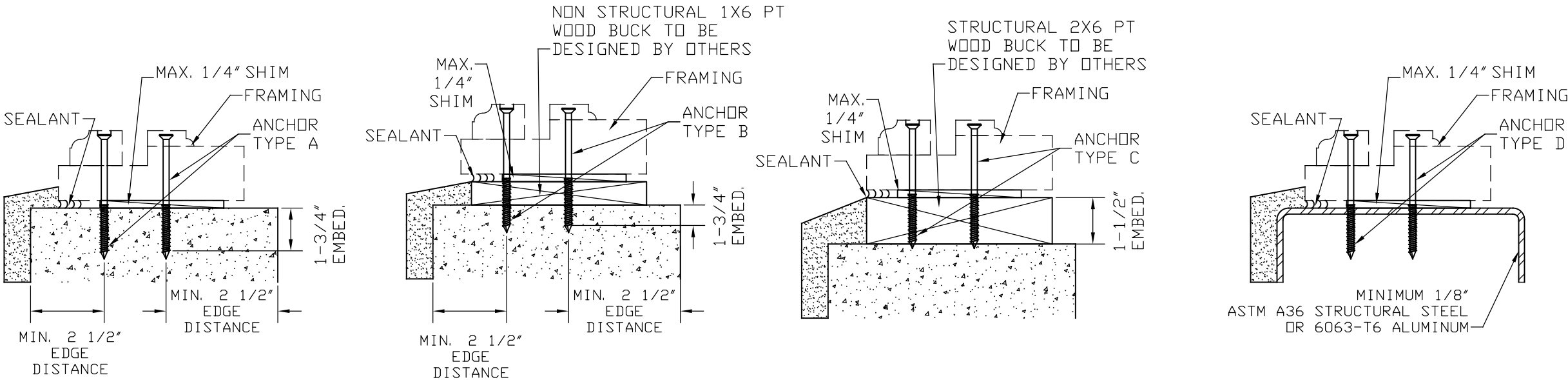
ANCHORAGE OPTIONS:

A- 1/4" ITW TAPCON W/ MIN. 1-3/4" EMBEDMENT INTO 3000 PSI CONCRETE OR MASONRY
B- 1/4" ITW TAPCON THROUGH 1X6 PT WOOD BUCK AND WITH 1-3/4" EMBEDMENT INTO 3000 PSI CONCRETE OR GF C-90 MASONRY
C- 1/4" ITW TAPCON WITH 1-1/2" EMBEDMENT INTO 2X6 PT WOOD BUCK
D- 1/4"-14 GRADE 5 SELF DRILLING SCREWS INTO MIN. 1/8" METAL STRUCTURE (ASTM A36 STEEL OR 6063-T6 ALUMINUM)

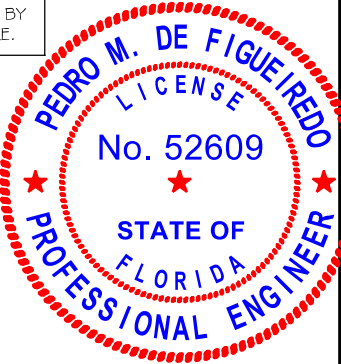
ANCHORAGE NOTES:

- 1- SILL, JAMB AND HEADER WITH TYPE A, B, C OR D ANCHOR OPTIONS.
- 2- SEE ELEVATIONS FOR WINDOW ANCHORAGE SPACING AND LAY-OUT.
- 3- SEE SHEET 9 FOR OPTIONAL ANCHORS TYPE IN ACCORDANCE WITH THE FBC 2026 SECTION 1711 - ANCHORAGE IN SALT WATER ENVIRONMENTS

MODEL F4002, F4003 & F4004



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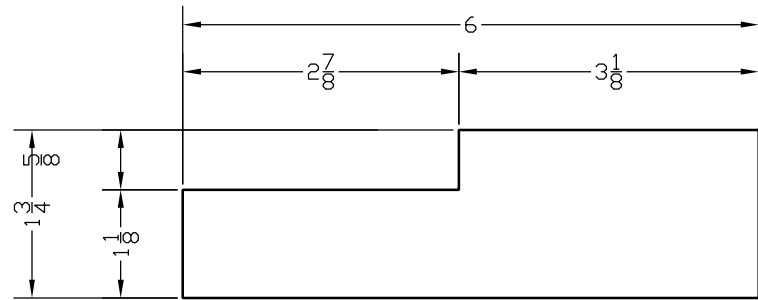
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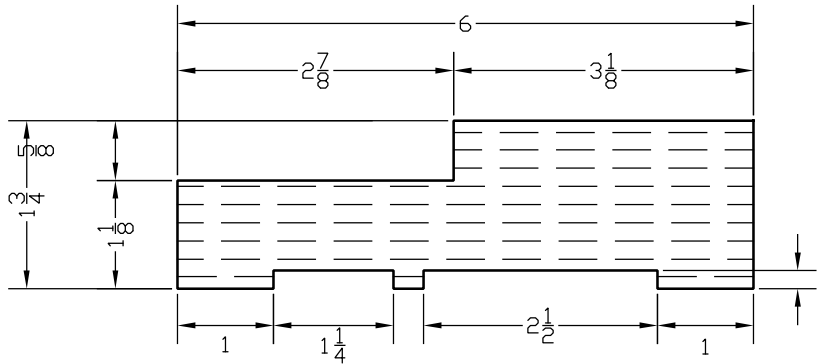
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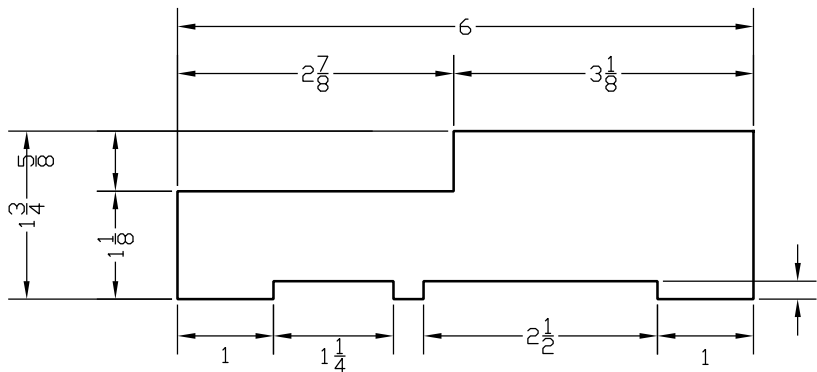
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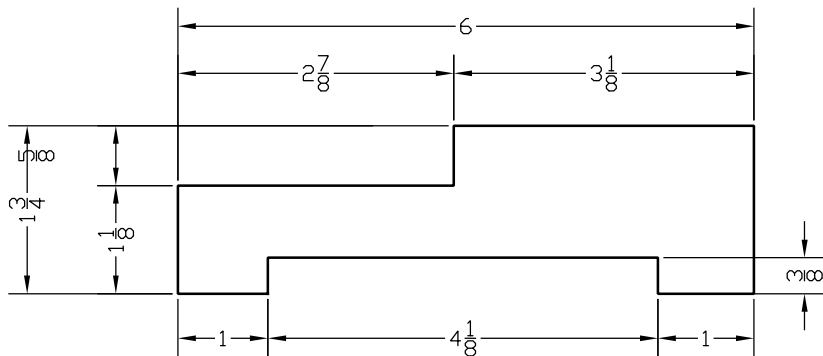
1- SOLID MAHOGANY
FRAME HEADER, JAMB OR SILL



4- LAMINATED MAHOGANY
ARCH FRAME HEADER



5- SOLID MAHOGANY
FRAME JAMB



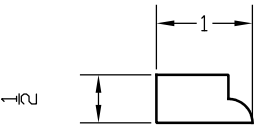
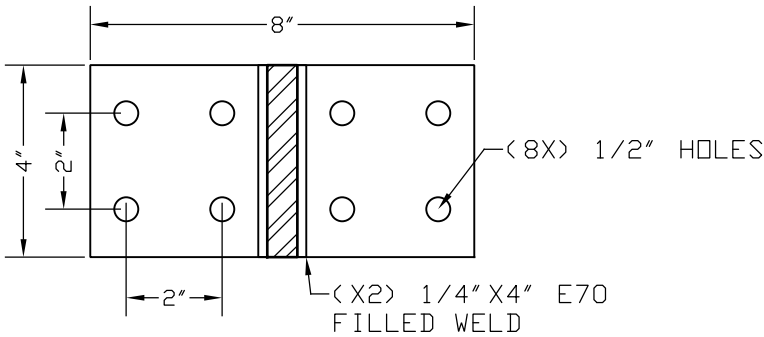
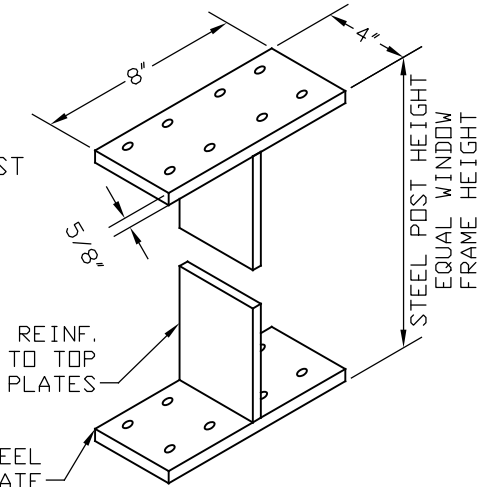
6- SOLID MAHOGANY
FRAME MULLION, HEADER & SILL
ON DOUBLE WINDOWS

WINDOW COMPONENTS
MODELS F4001, F4002, F4003 & F4004

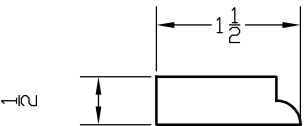
ST2- STEEL POST
MULLION REINF.

5/8X4 STEEL REINF.
POST WELDED TO TOP
& BOTTOM BASE PLATES

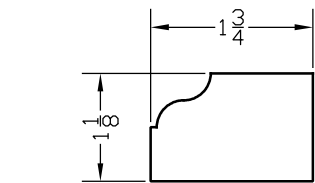
5/8-4X8 STEEL
BASE PLATE



WD3- SOLID MAHOGANY
INTERIOR GLAZING STOP

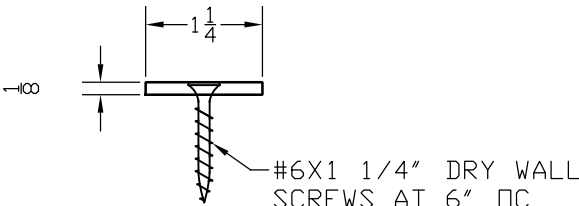


3A- SOLID MAHOGANY
INTERIOR GLAZING STOP



2- SOLID MAHOGANY
EXTERIOR GLAZING STOP

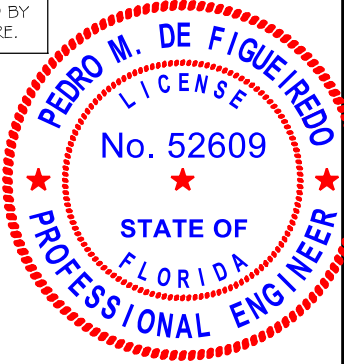
ST1- STEEL STRAP
ARCH WINDOW STRAP TO JAMB



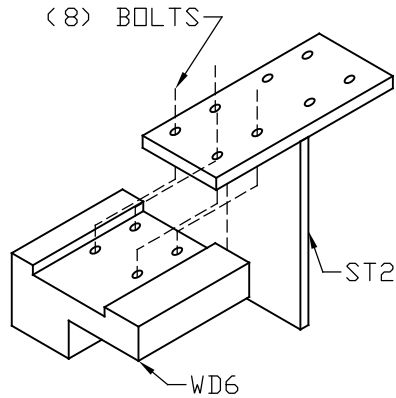
BILL OF MATERIALS

ITEM#	DESCRIPTION	SIZE	REMARKS
1	FRAME (HEADER, SILL & JAMB)	1.75" x 6.00"	SOLID MAHOGANY
2	EXTERIOR GLASS STOP	1.69" x 1.13"	SOLID MAHOGANY
3	INTERIOR GLASS STOP	1.00" x 0.50"	SOLID MAHOGANY
3A	ALTERNATE INT. GLASS STOP	1.50" x 0.50"	SOLID MAHOGANY
4	FRAME (ARCH & ELLIPTIC HEADER)	1.75" x 6.00"	LAMINATED MAHOGANY
5	FRAME (ARCH & ELLIPTIC JAMB)	1.75" x 6.00"	SOLID MAHOGANY
6	FRAME (MULL, HEADER & SILL)	1.75" x 6.00"	SOLID MAHOGANY
ST1	(X2) STEEL STRAP	0.13" x 1.22"	ASTM A36 STEEL
ST2	MULLION STEEL REINFORCEMENT	0.63" x 4.00"	ASTM A36 STEEL
GL1	ANNEALED IMPACT GLASS	9/16" NOMINAL	GLASSLAM SAFETY PLUS II
GL2	HS IMPACT GLASS	9/16" NOMINAL	GLASSLAM SAFETY PLUS II
GL3	TEMPERED IMPACT GLASS	9/16" NOMINAL	GLASSLAM SAFETY PLUS II

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MULLION BASE PLATE CONNECTION:

- (8) (E ANCHORS) 3/8" LAG SCREWS W/ 1 1/2" MINIMUM EMBEDMENT INTO WOOD (G>=0.55)
- (8) (F ANCHORS) 3/8" WEDGE BOLTS W/ 2" EMBEDMENT INTO 3000 PSI CONCRETE. 3" MINIMUM EDGE DISTANCE

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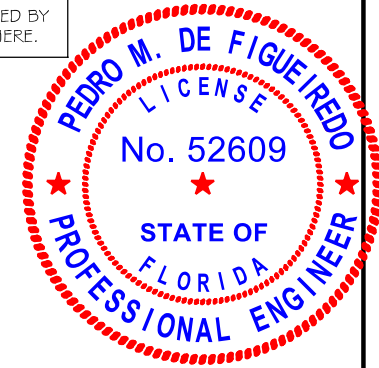
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FBC 2026 - SECTION 1711
ANCHORAGE IN SALTWATER ENVIRONMENTS

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



Pedro De Figueiredo
08/29/2026



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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 UNVENTED	GALVANIZED SECTION 1711.1.1.2	GALVANIZED SECTION 1711.1.1.2

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

ANCHOR DATA

ANCHOR DATA						FBC 2026 SECTION 1711 COMPLIANCE
MARK	MANUFACTURER	DESCRIPTION	ANCHORAGE OPTIONS	EMB.	ED	
A, B	ITW BULDEX	1/4" TAPCONS	3 Ksi CONCRETE, GROUT FILLED C-90 CMU	1.75	2.5	1711.1.1.2
	DEWALT	1/4" AGGRE-GATOR 300 SS				1711.1.1.1
C	ITW BULDEX	1/4" TAPCONS	WOOD (SG>=0.55)	1.5	2.5	1711.1.1.2
	DEWALT	1/4" AGGRE-GATOR 300 SS				1711.1.1.1
D	DEWALT	1/4" -20 BI-FLEX 300 SS SDS	MINIMUM 1/8" THICK ASTM A36 STEEL OR 6063-T6 ALUMINUM	3 TREADS	1	1711.1.1.1
	GENERIC	#14 - 300 SS SHEET METAL SCREWS				1711.1.1.1
E	GENERIC	3/8" GALVANIZED LAG SCREWS	WOOD (SG>=0.55)	1.5	1.25	1711.1.1.2
F	DEWALT	3/8" 316 SS WEDGE-BOLT	3 Ksi CONCRETE	2.5	3	1711.1.1.1
	DEWALT	3/8" WEDGE-BOLTS				1711.1.1.2
NOTES: 1- EMD.: MINIMUM EMBEDMENT INTO SUBSTRATE, E.D.: MINIMUM EDGE DISTANCE 2- ALL DIMENSIONS IN INCHES 3- ANCHORS MAY BE CONSIDERED INTERIOR UNCONDITIONED ENCLOSED UNVENTED EXPOSURE AS PER SECTION 1711 OF THE FBC						

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26-200

SHEET
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