

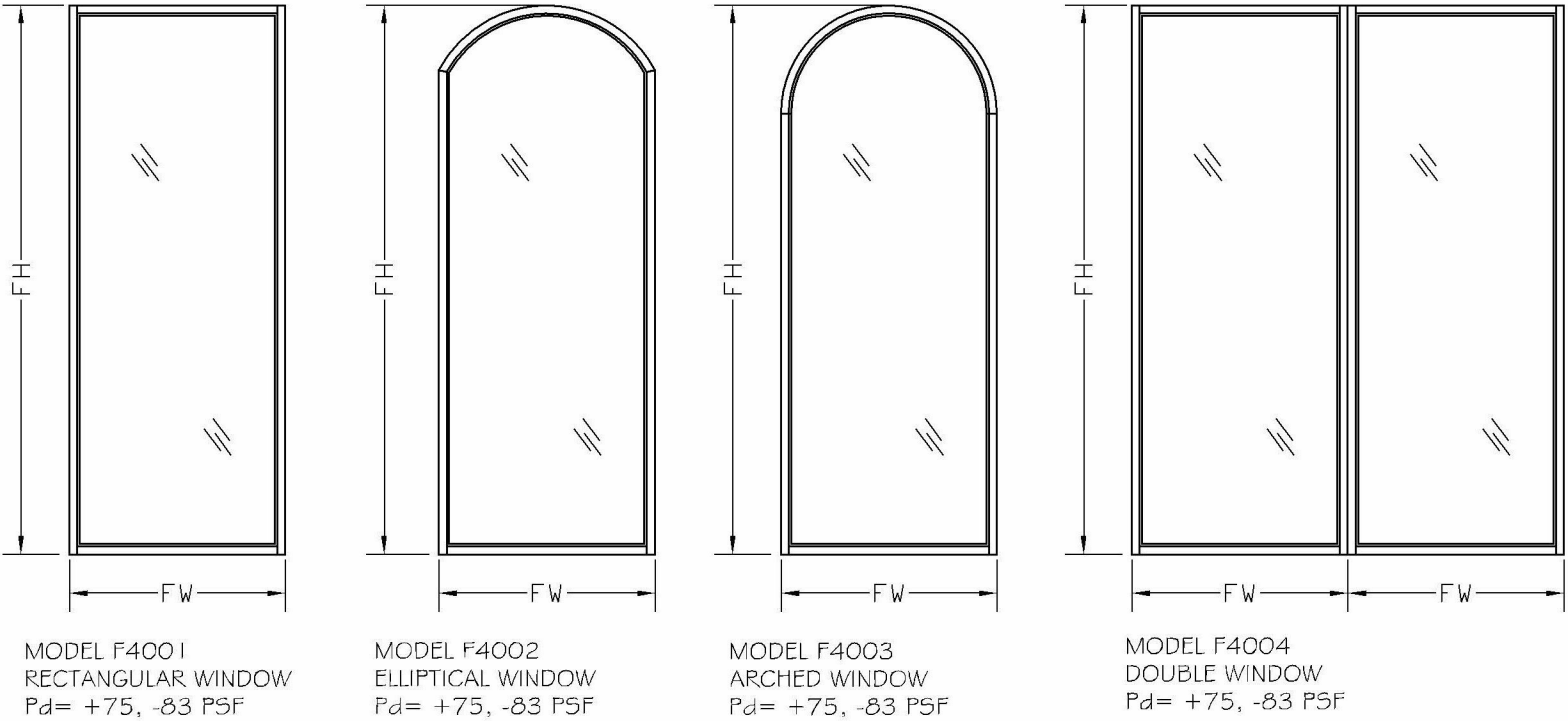
GENERAL NOTES:
(FLORIDA BUILDING CODE 2023 - 8TH EDITION)

- 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.

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MODEL F4001, F4002, F4003 & F4004



DESIGNED RATING PRESSURES:

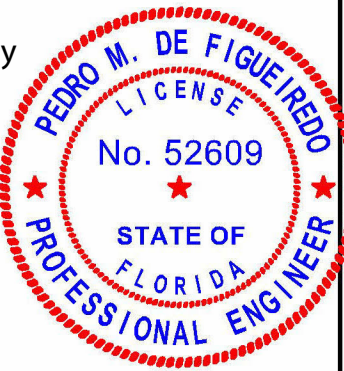
PD= + 75 PSF, -83 PSF
SMALL & LARGE MISSILE IMPACT

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

Pedro Figueiredo
Digitally signed by Pedro Figueiredo
Date: 2023.10.06 08:14:12 -04'00'

DIGITALLY SIGNED FOR 8 PAGES

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



Pedro De Figueiredo
09/16/2023



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:
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23-171
SHEET
1 OF 8

MODEL F400 I - RECTANGULAR

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09/16/2023

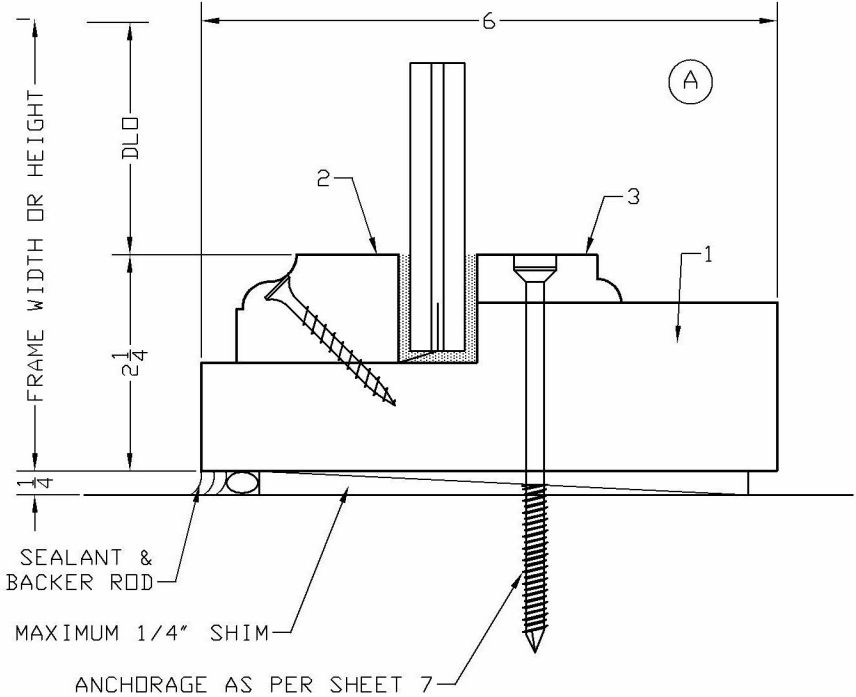
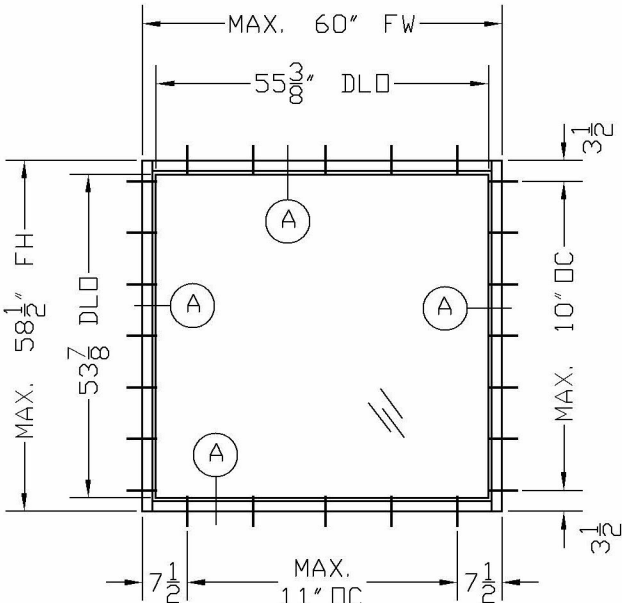
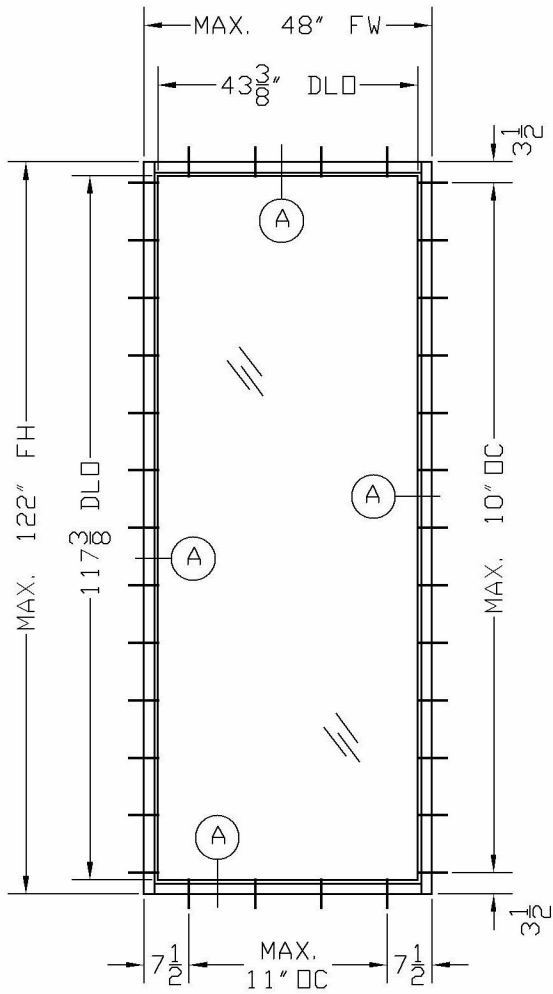
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9715 W. BROWARD BLVD.
PLANTATION, FL 33324
PTMF@AOL.COM
ENGINEER SEAL
PEDRO DE FIGUEIREDO
PE 52609



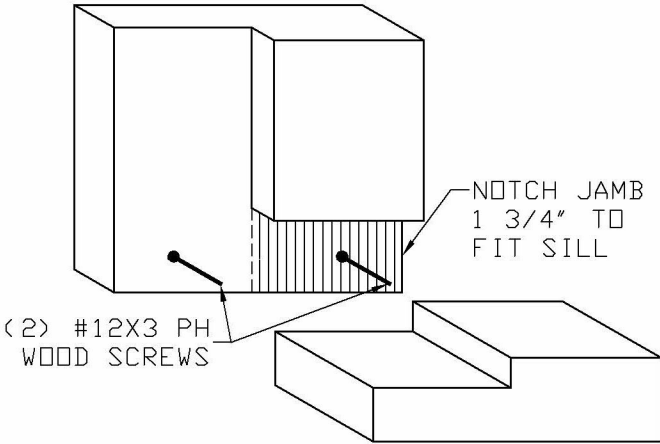
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LARGE & SMALL MISSILE

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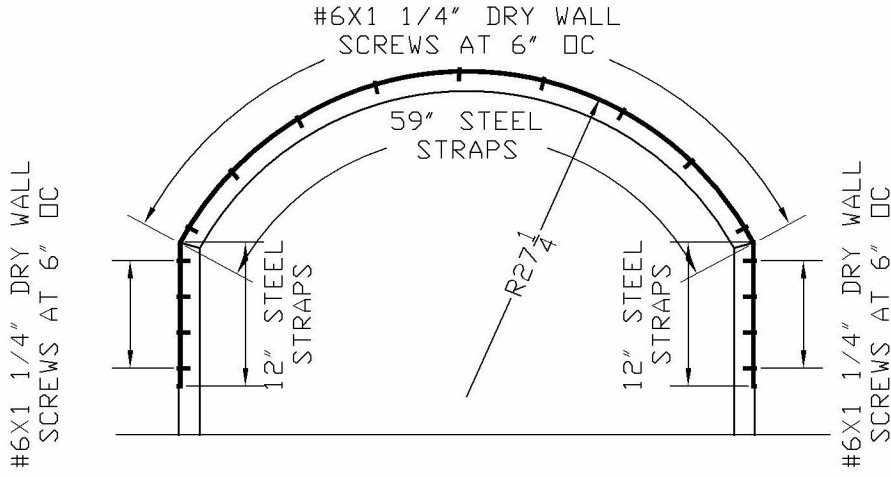
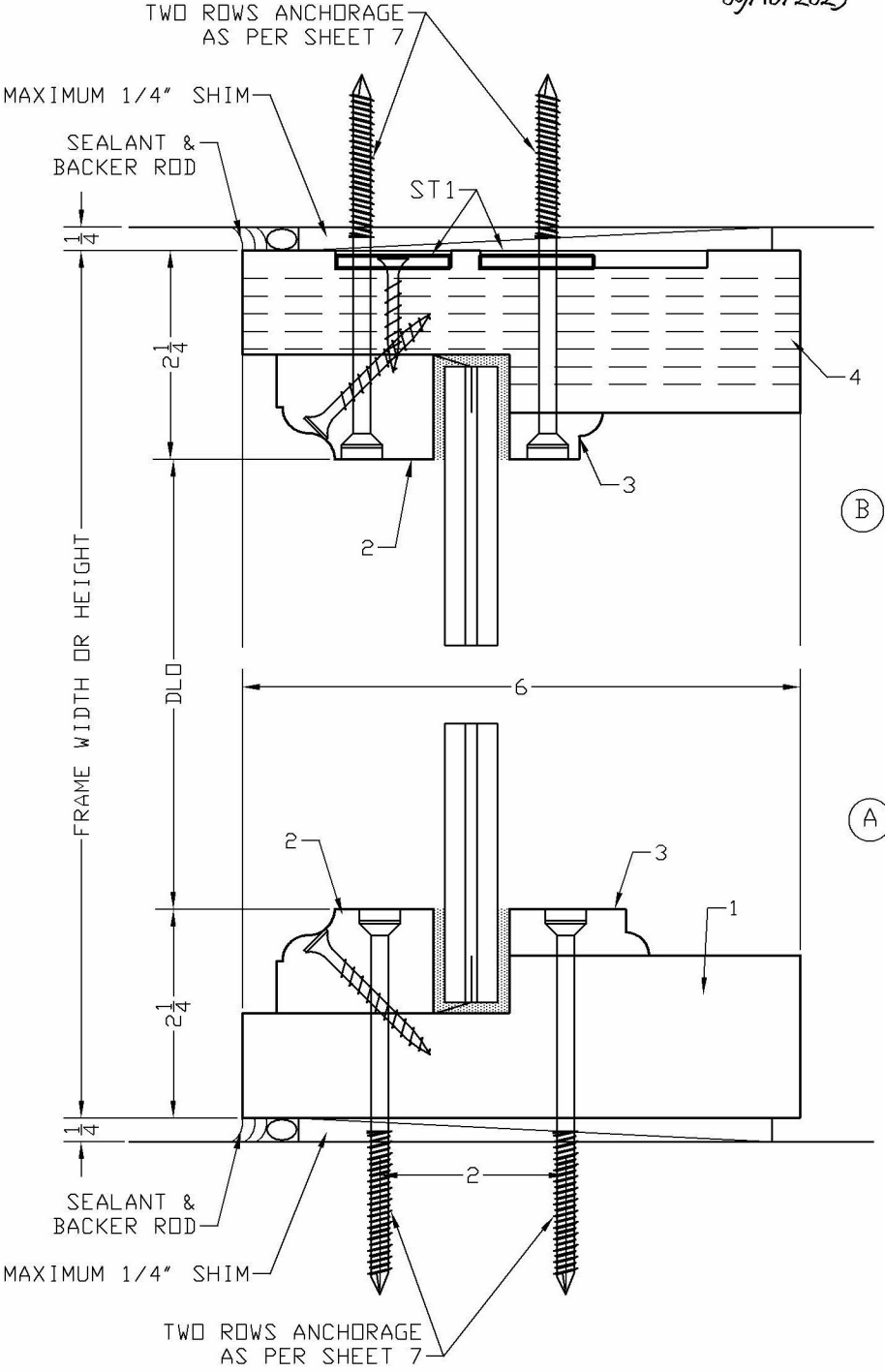
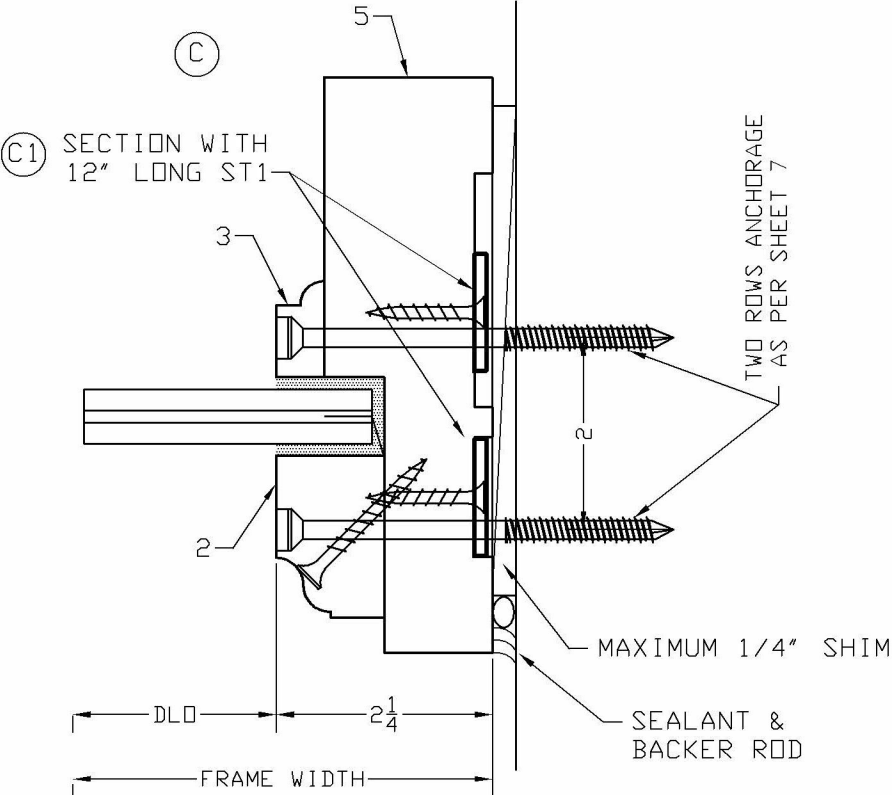
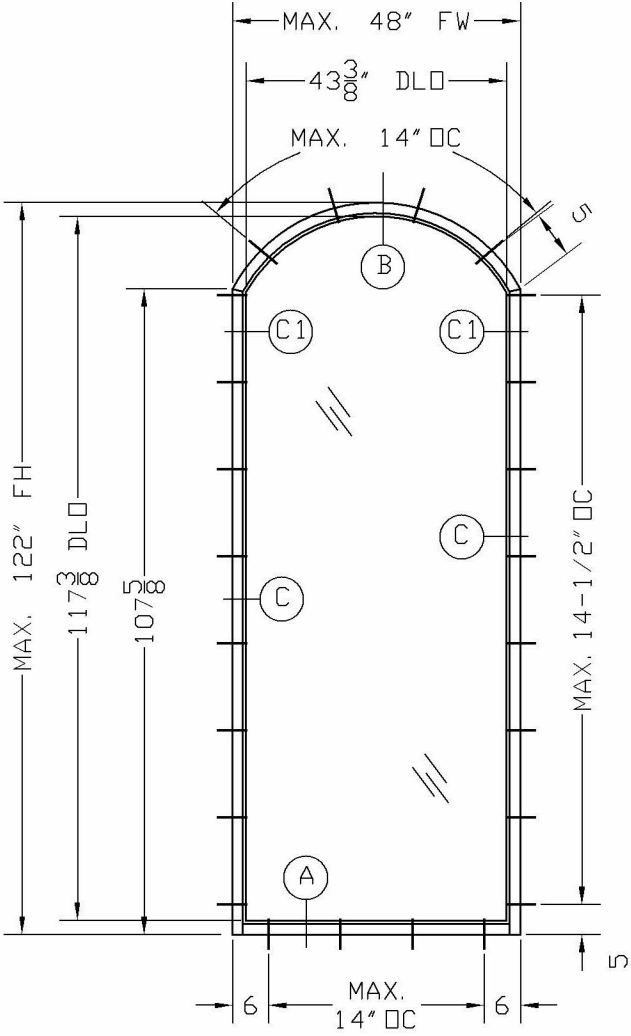
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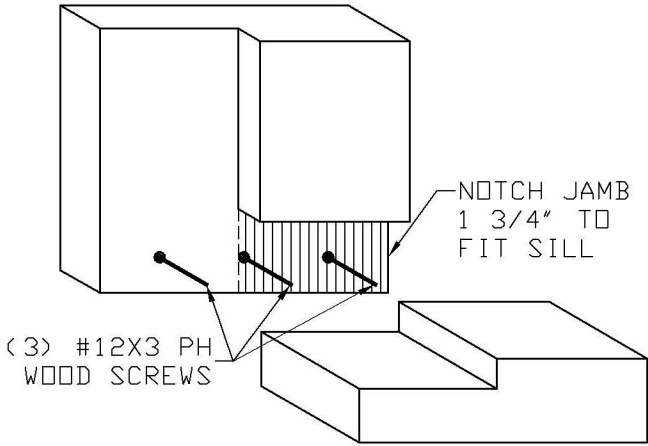
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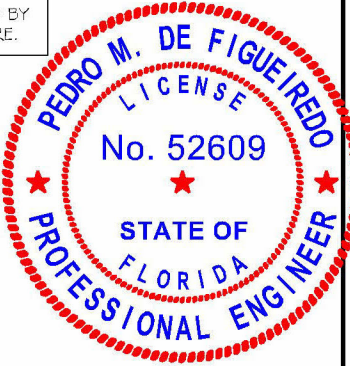
CORNER CONSTRUCTION:
BUTT JOINED WITH JAMB MEMBER
RABBETED TO 1 1/8". GLUE WAS
APPLIED TO EACH CORNER AND
JOINED WITH (3) #12X3 PHWS



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

MODEL F4003 - ARCHED

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IMPACT WINDOWS
LARGE & SMALL MISSILE

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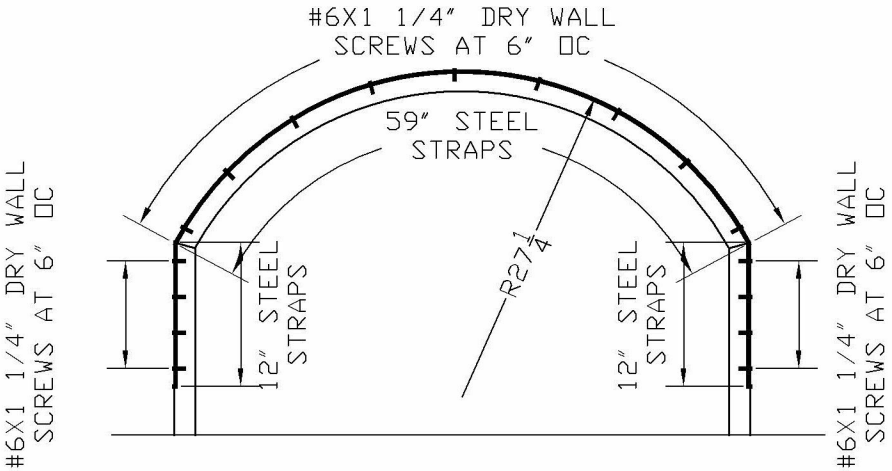
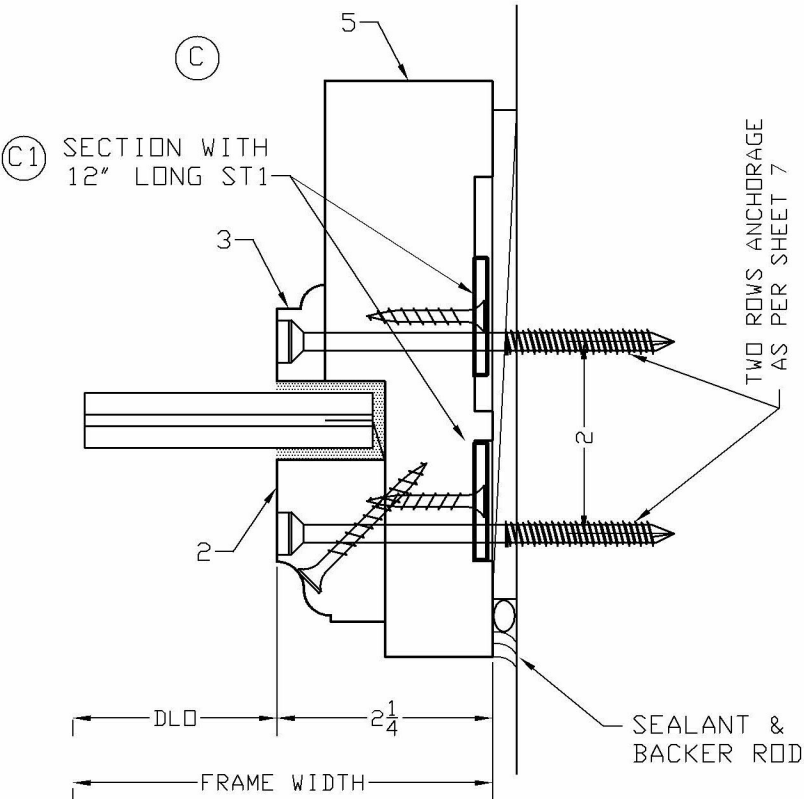
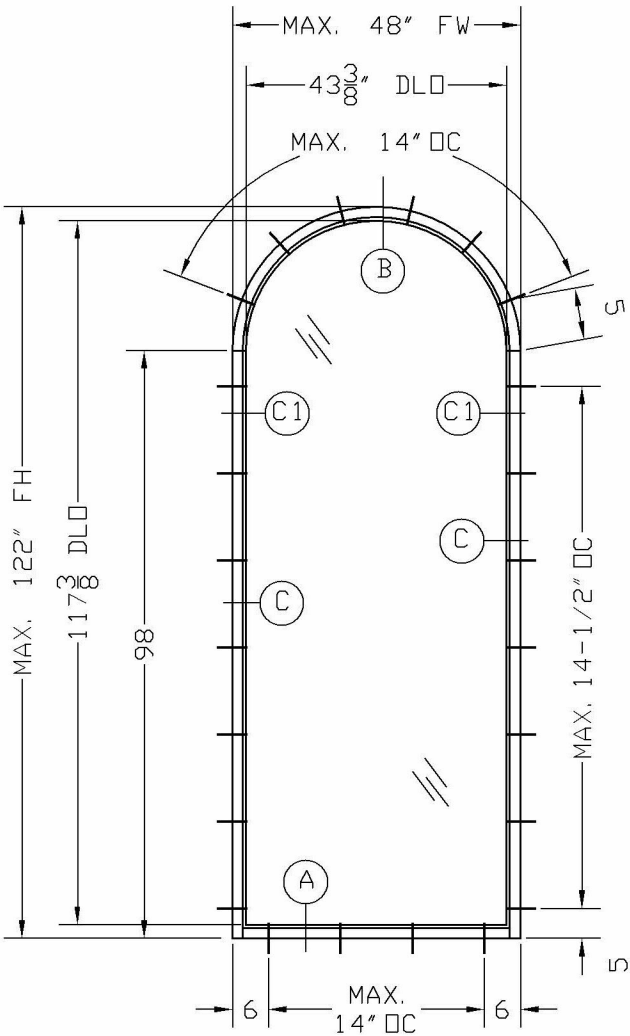
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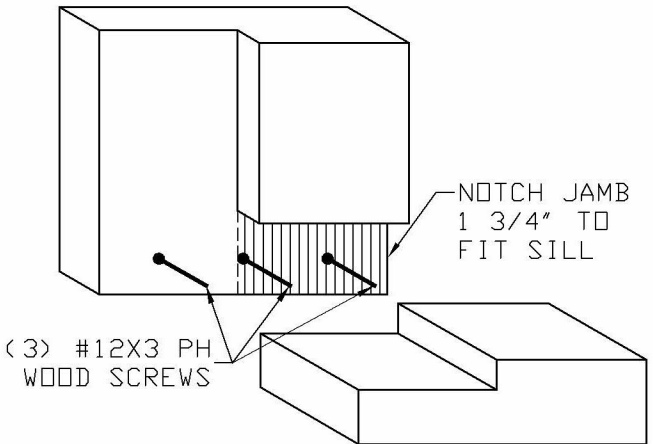
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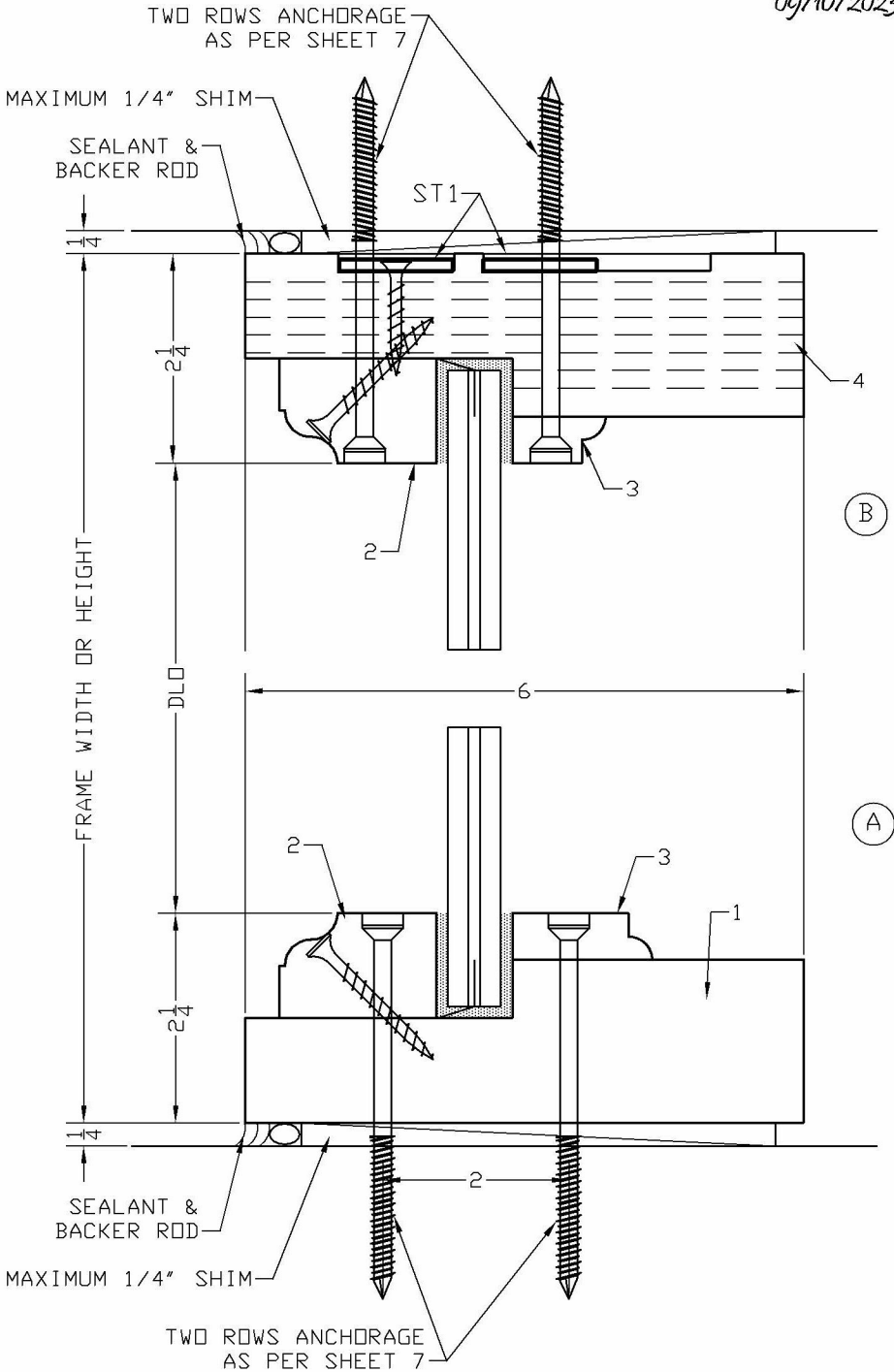
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ARCH STRAP CONSTRUCTION:
ARCH AND JAMBS ARE MITER CUT, GLUE AND
STRAPPED W/ (2) ST1.
STEEL STRAPS ARE ATTACHED TO WOOD FRAMING
WITH #6X1 1/4" DRY WALL SCREWS



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



MODEL F4004 - DOUBLE

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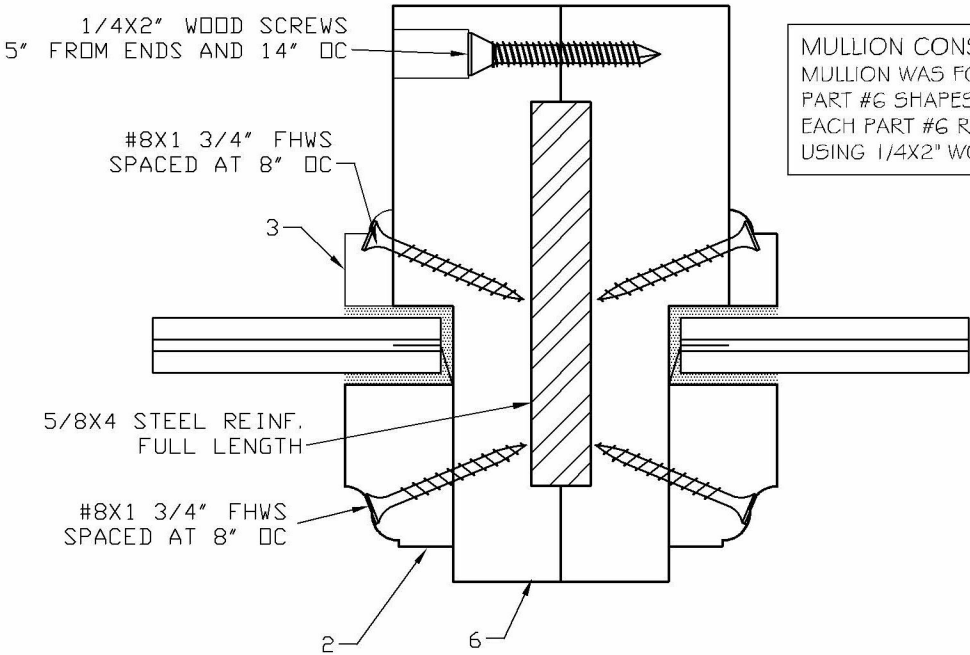
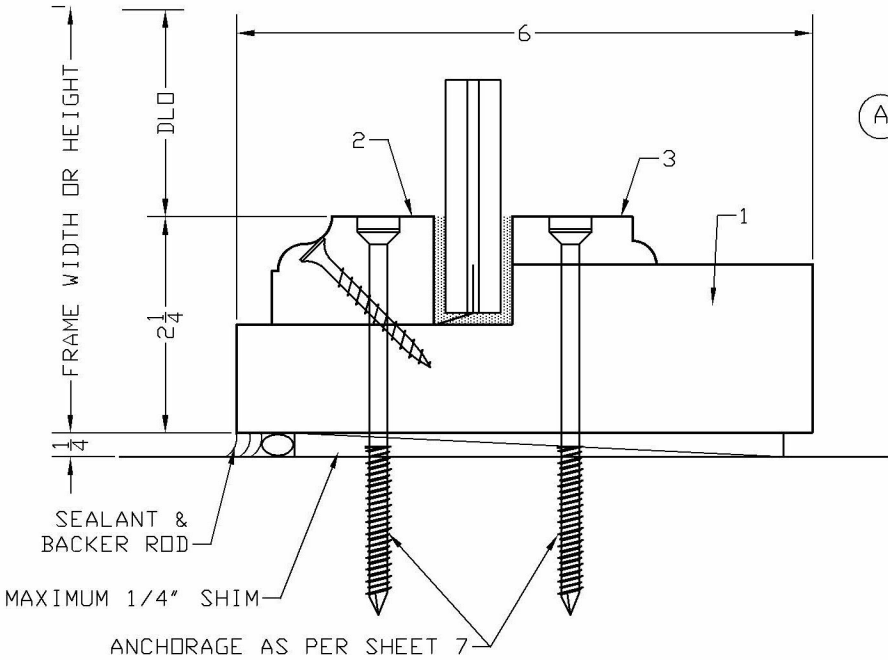
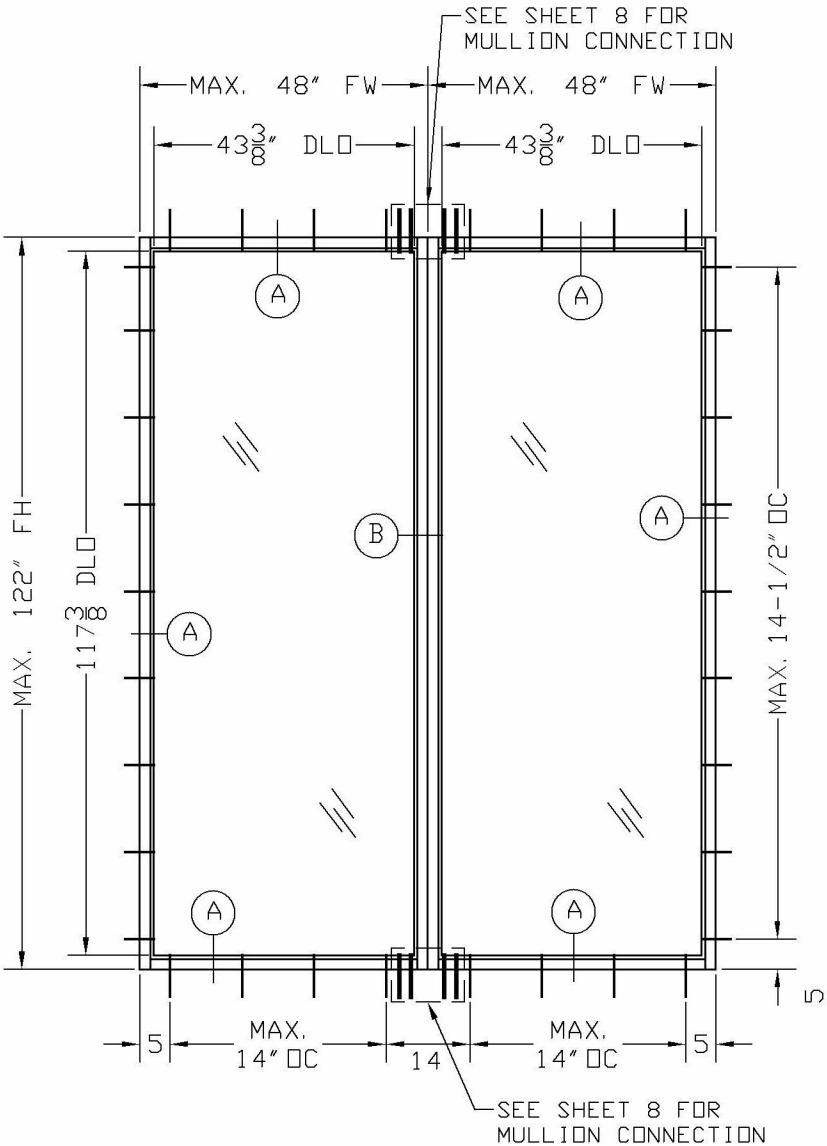


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PE 52609

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

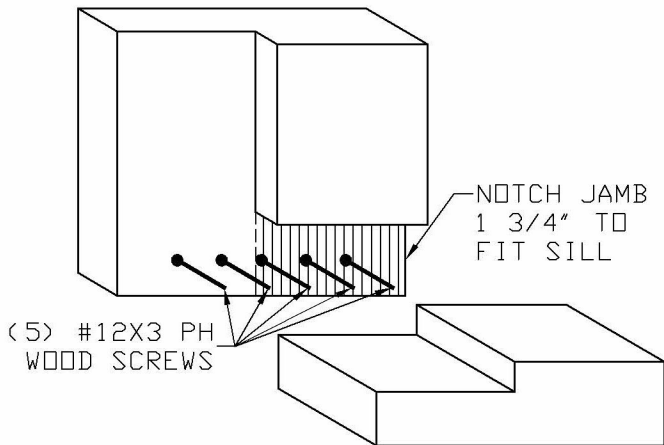
PREMIUM ESTATES S.A.C.
AV. RICARDO PALMA #843 - LIMA, PERU
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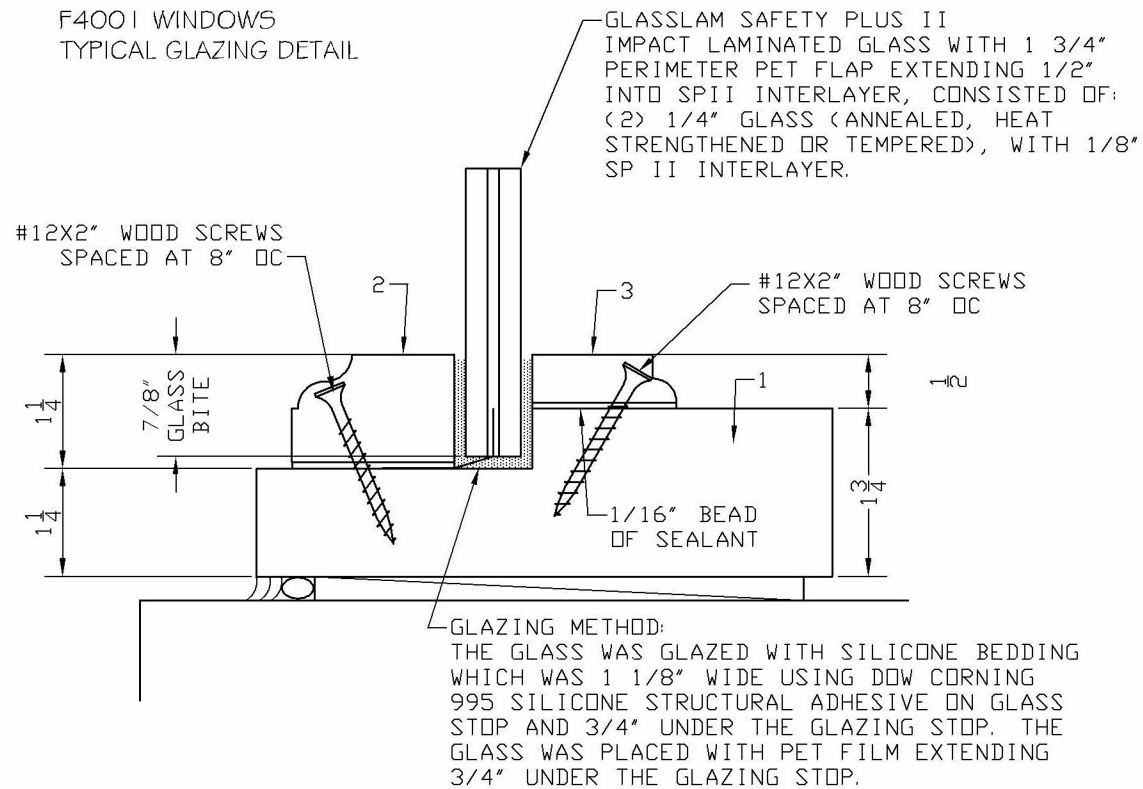


MULLION CONSTRUCTION:
MULLION WAS FORMED BY USING A 5/8X4" STEEL PLATE IN BETWEEN TWO PART #6 SHAPES. DOW 995 SILICONE TO BE APPLIED TO THE SURFACE OF EACH PART #6 RECESS. THE TWO PART #6 SHAPES WERE FURTHER JOINED BY USING 1/4X2" WOOD SCREWS STARTING AT 5" FROM ENDS AND 14" OC.

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

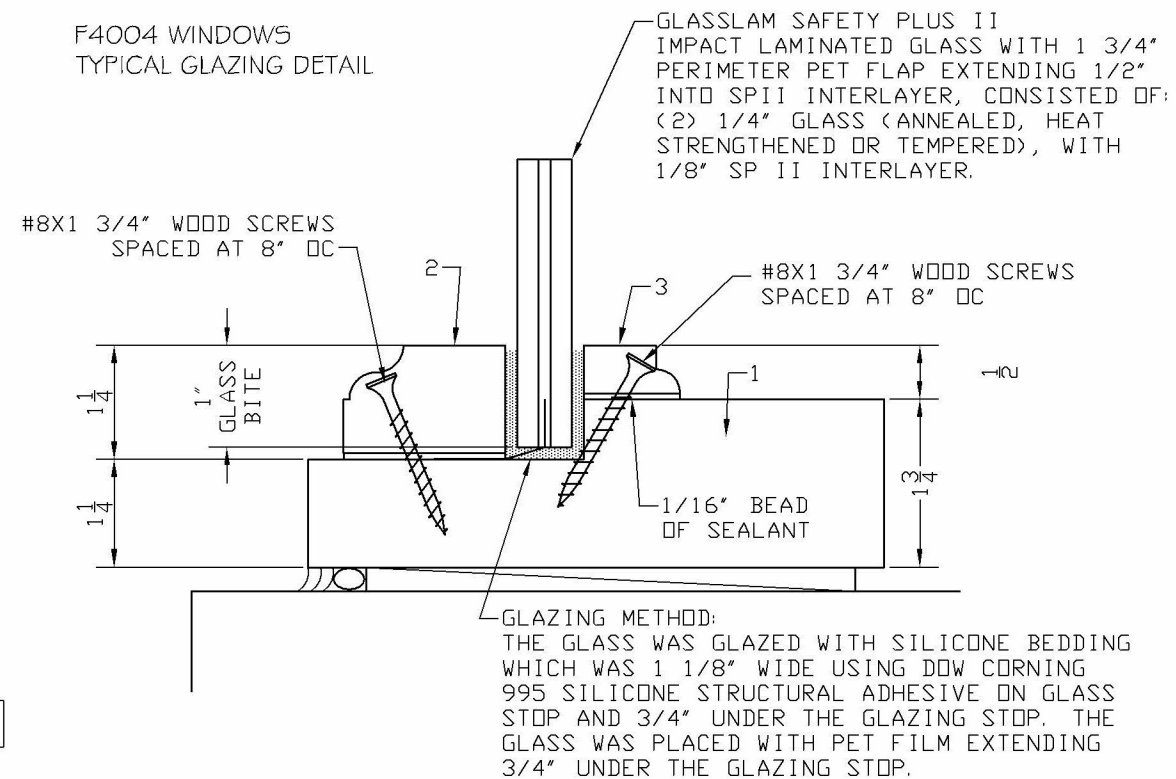


F4001 WINDOWS TYPICAL GLAZING DETAIL

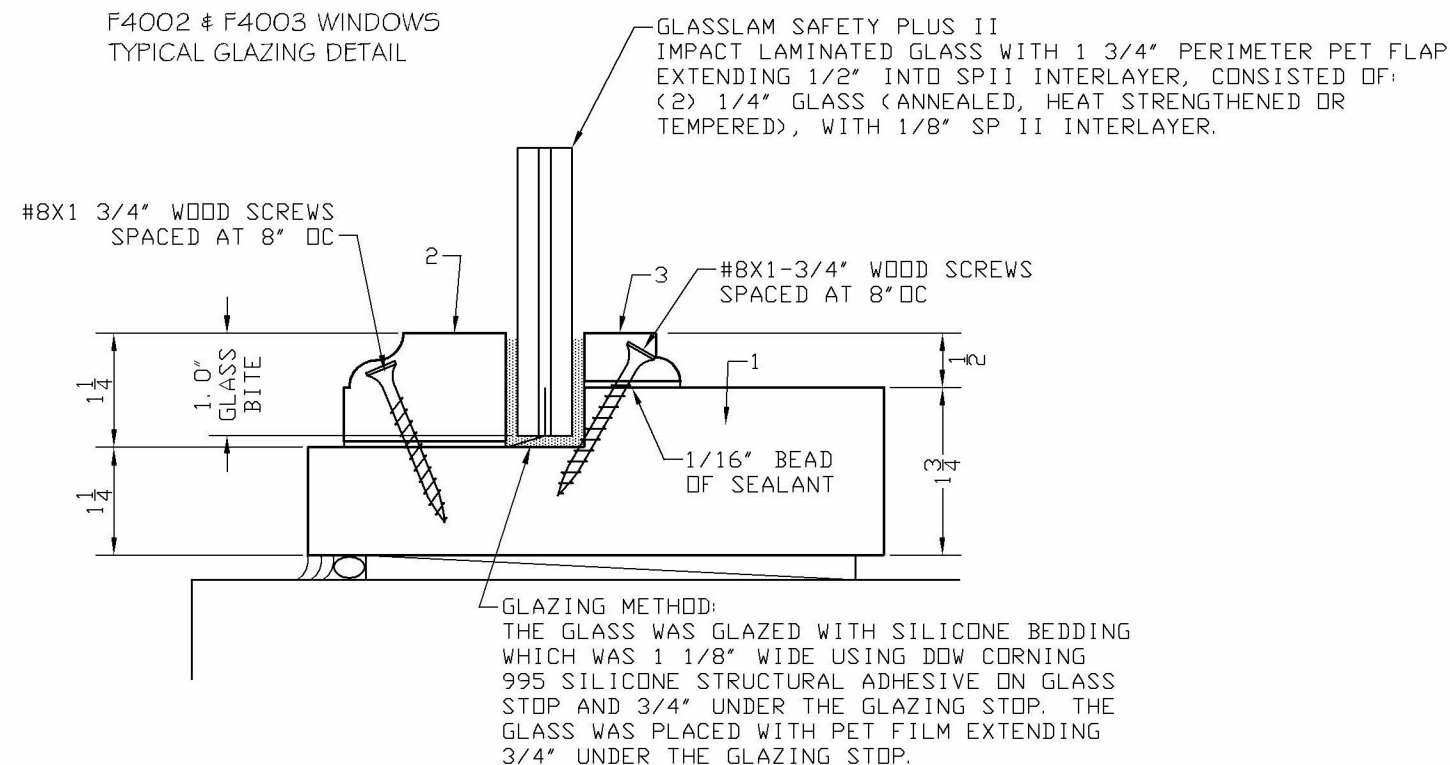


LAMINATED GLASS IN COMPLIANCE WITH ASTM E1300

F4004 WINDOWS TYPICAL GLAZING DETAIL



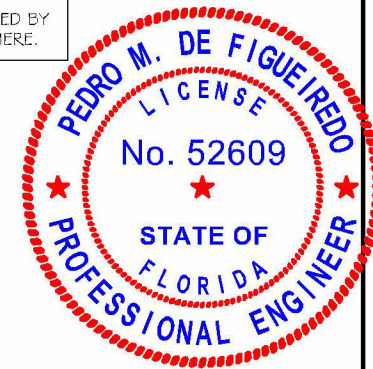
F4002 & F4003 WINDOWS TYPICAL GLAZING DETAIL



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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MAHOAGANY FIXED
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LARGE & SMALL MISSILE

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

SCALE:
NA

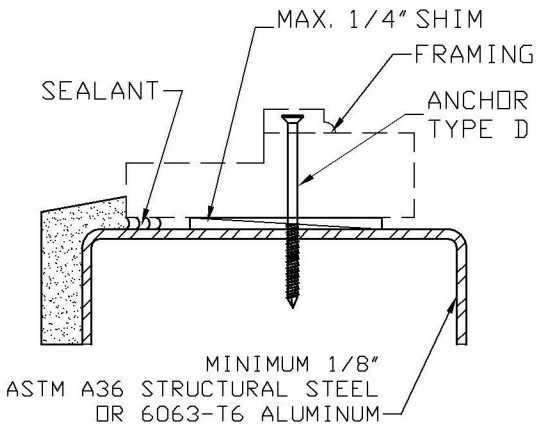
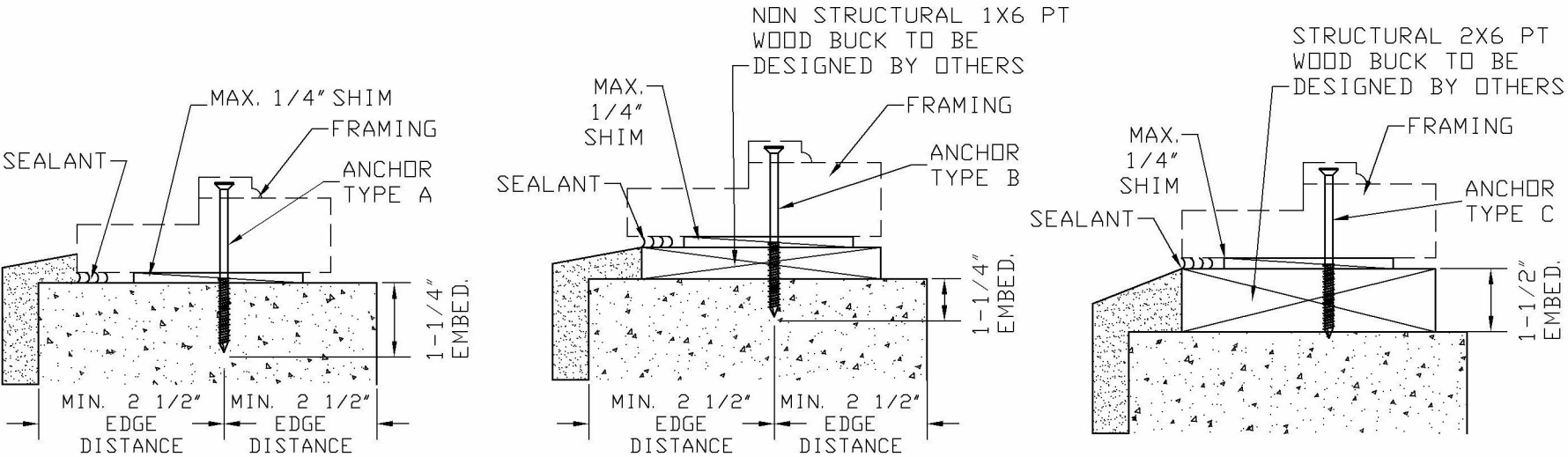
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23-171

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FRAMING ANCHORAGE

MODEL F4001



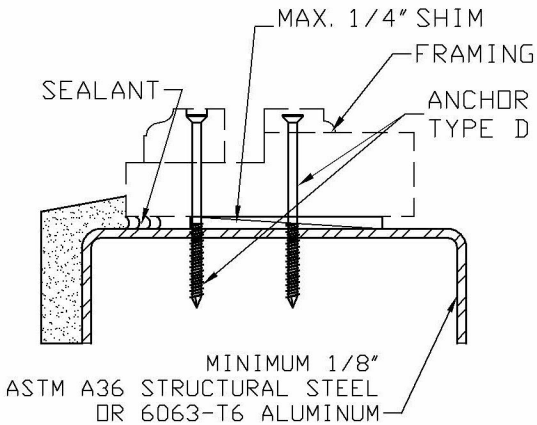
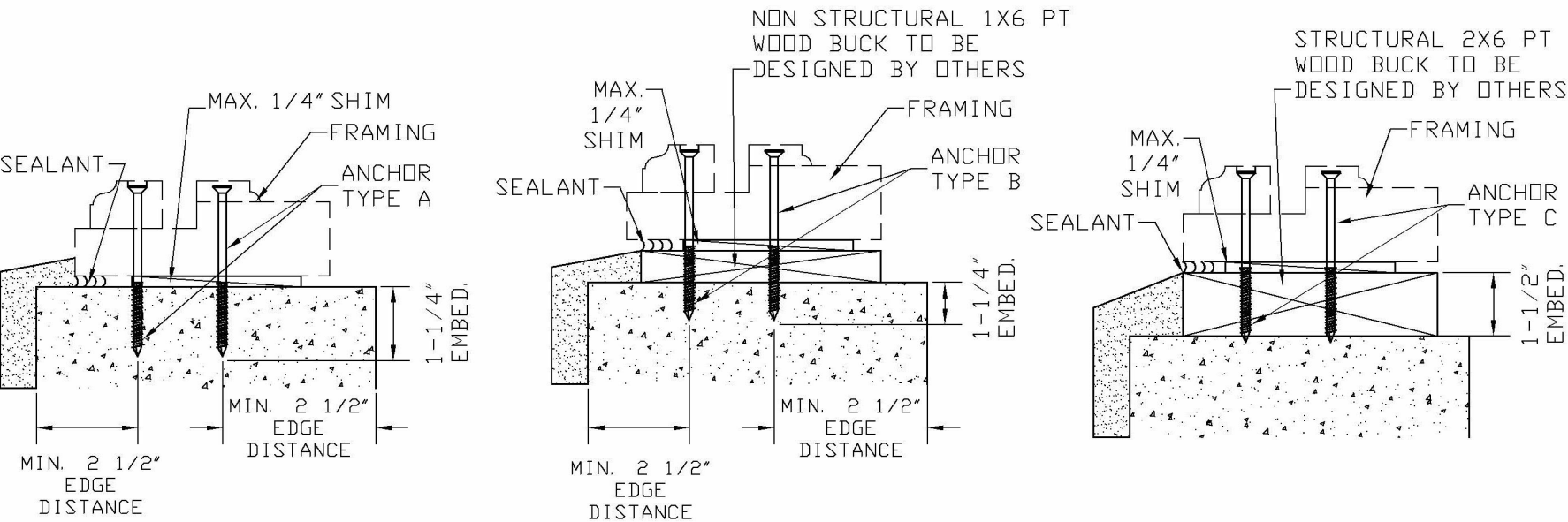
ANCHOR OPTIONS:

A- 1/4" ITW TAPCON W/ MIN. 1-1/4" EMBEDMENT INTO 3000 PSI CONCRETE OR MASONRY
B- 1/4" ITW TAPCON THROUGH 1X6 PT WOOD BUCK AND WITH 1-1/4" EMBEDMENT INTO 3000 PSI CONCRETE OR 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

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.

MODEL F4002, F4003 & F4004



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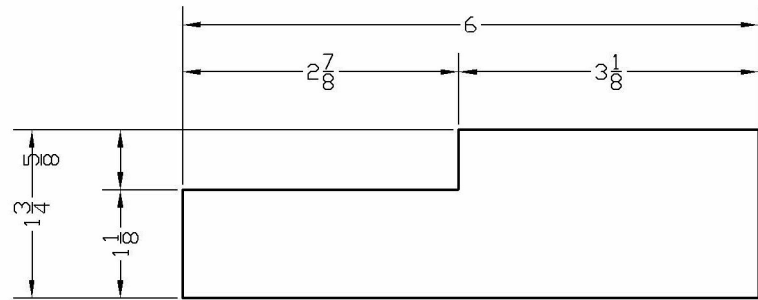
Pedro De Figueiredo
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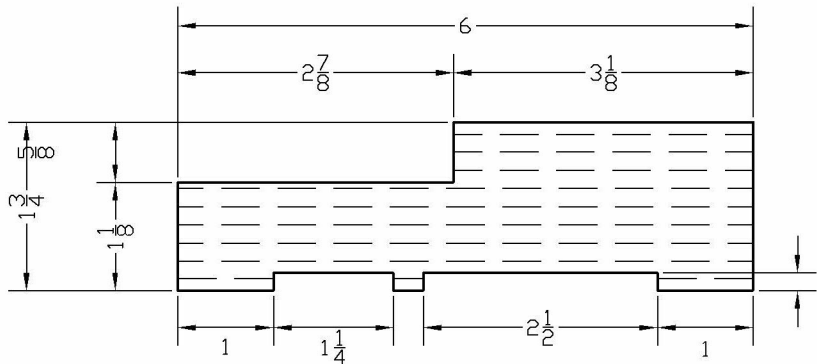
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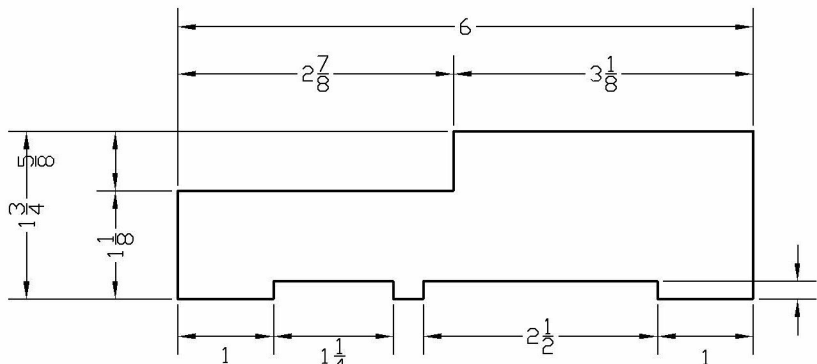
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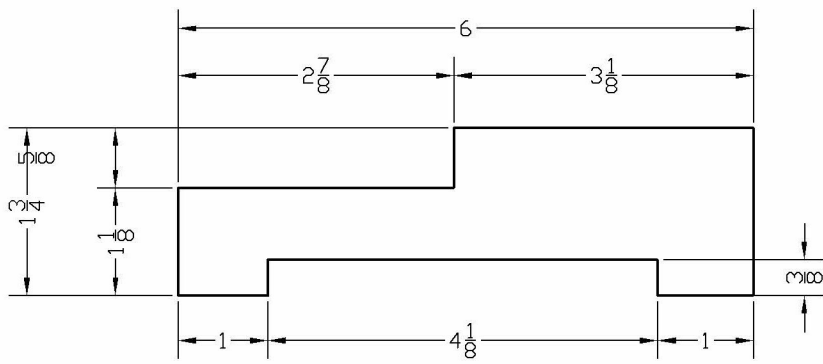
1- SOLID MAHOGANY
FRAME HEADER, JAMB OR SILL



4- LAMINATED MAHOGANY
ARCH FRAME HEADER



5- SOLID MAHOGANY
FRAME JAMB



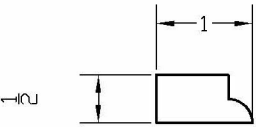
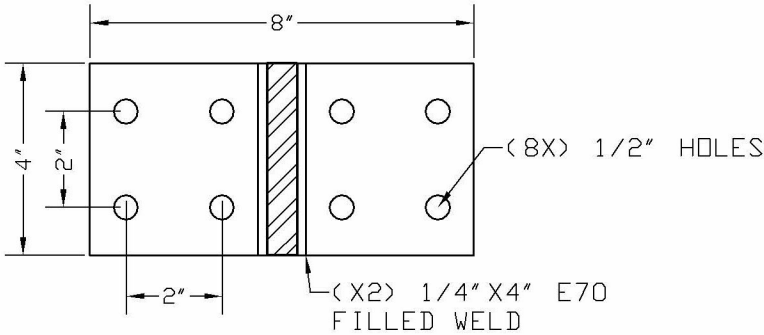
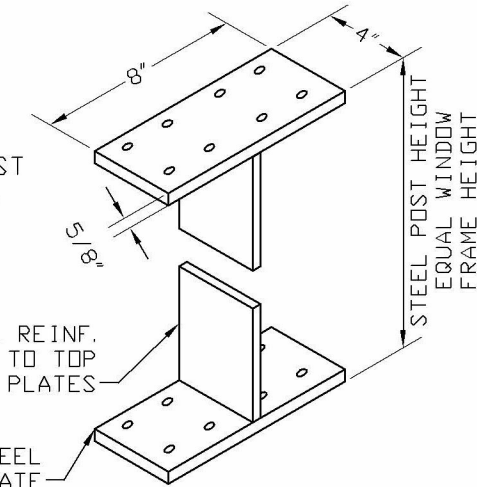
6- SOLID MAHOGANY
FRAME MULLION, HEADER & SILL
ON DOUBLE WINDOWS

WINDOW COMPONENTS
MODELS F4001, F4002, F4003 & F4004

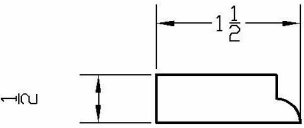
ST2- STEEL POST
MULLION REINF.

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

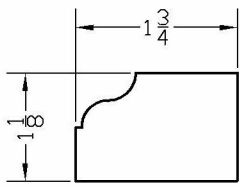
5/8-4X8 STEEL
BASE PLATE



WD3- SOLID MAHOGANY
INTERIOR GLAZING STOP



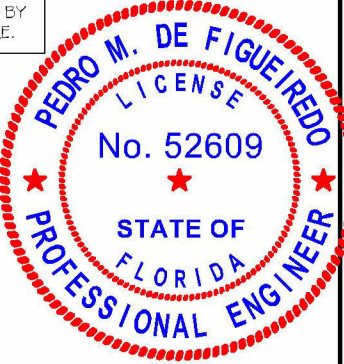
3A- SOLID MAHOGANY
INTERIOR GLAZING STOP



2- SOLID MAHOGANY
EXTERIOR GLAZING STOP

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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