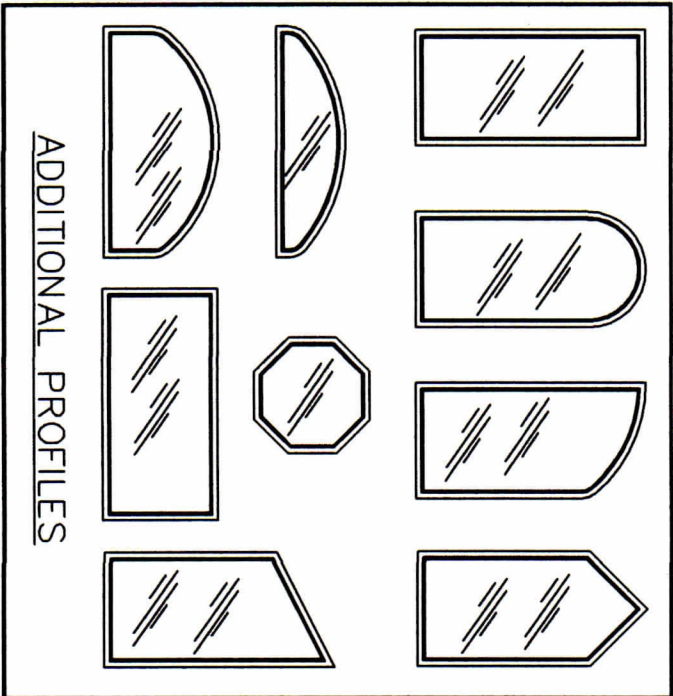
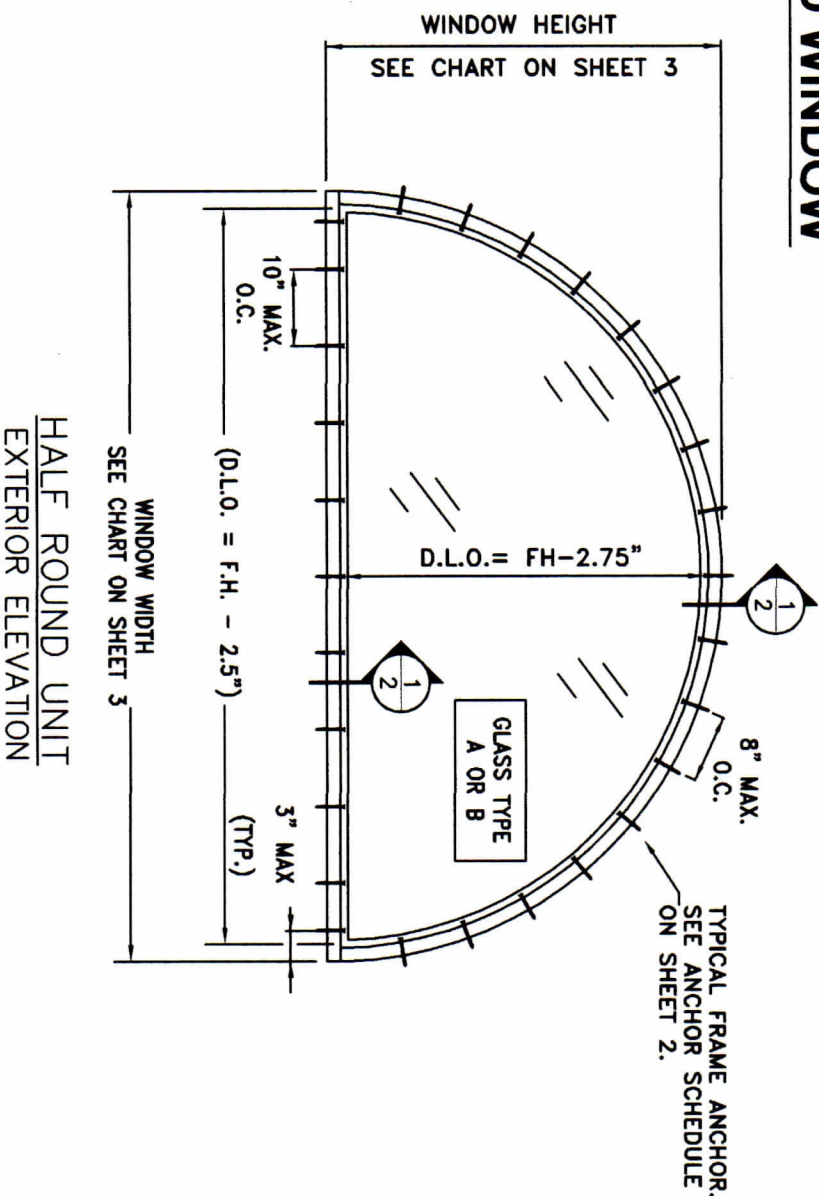
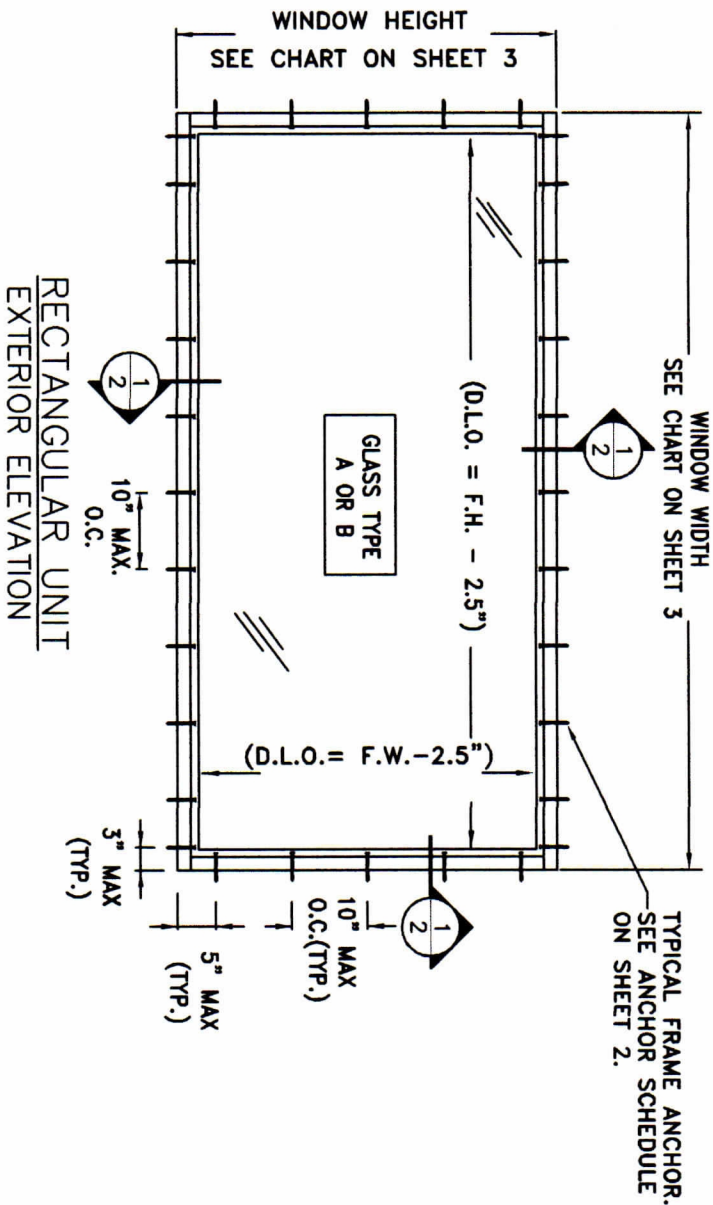
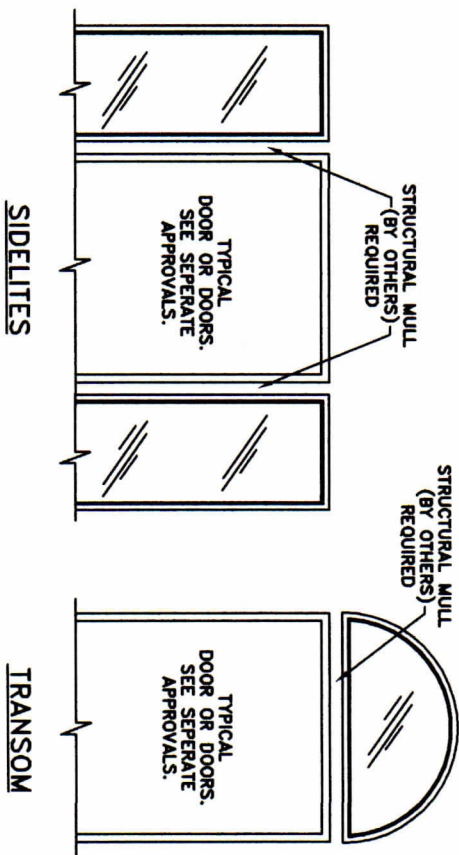


DIRECT SET FIXED WOOD WINDOW



SIMILAR PROFILES TO THOSE SHOWN IN THESE DRAWINGS MAY BE ACCEPTABLE, PROVIDING THEY MEET THE FOLLOWING:

1. ALL DETAILS MATCH THOSE SHOWN ON THESE DRAWINGS.
2. THE PROPOSED PROFILE FITS WITHIN THE MAXIMUM ALLOWABLE DIMENSIONS SHOWN ON THESE DRAWINGS.
3. THE PROPOSED PROFILE PRESSURES DO NOT EXCEED THE ALLOWABLE PRESSURES INDICATED IN THE GLASS CHARTS.



GLAZING SCHEDULE (LARGE MISSILE IMPACT)

TYPE A	TYPE B
7/16" LAMINATED "SAFETY-PLUS II" WITH 0.1" RESIN W/ PET FILM BY GLASS LAM-NGI INC.	7/16" LAMINATED "SAFETY-PLUS II" WITH 0.1" RESIN W/ PET FILM BY GLASS LAM-NGI INC.
3/16" ANNEALED	3/16" ANNEALED
3/16" ANNEALED	3/16" ANNEALED

SEE LOAD TABLES FOR ALLOWABLE WIND PRESSURES BASED ON WINDOW SIZE

TYPE A	TYPE B
WATER TEST 8.25 psi	WATER TEST 10.5 psi

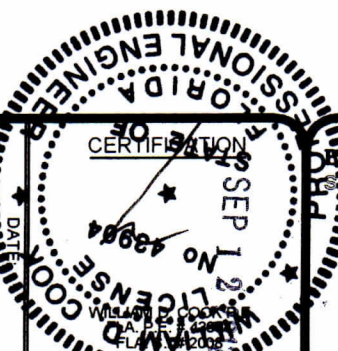
GENERAL NOTES:

1. THIS WINDOW CONFORMS WITH THE FLORIDA BUILDING CODE 2010, AND THE HVHZ REGION.
2. WINDOW SYSTEM TESTED IN ACCORDANCE WITH METRO DADE COUNTY TAS-201, 202 & 203 FOR AIR, WATER, STRUCTURAL AND LARGE MISSILE IMPACT LOADS.
3. MAXIMUM WIND PRESSURES SHALL NOT EXCEED THOSE SHOWN IN THE WIND LOAD CHARTS ON PAGE #3 FOR WINDOW HEIGHT AND WIDTH.
4. PERIMETER BUCKS MUST BE DESIGNED BY PROFESSIONAL OF RECORD TO TRANSFER IMPOSED WIND LOADS TO THE STRUCTURE.
5. HURRICANE IMPACT SHUTTERS ARE NOT REQUIRED.

DIRECT SET FIXED WINDOW

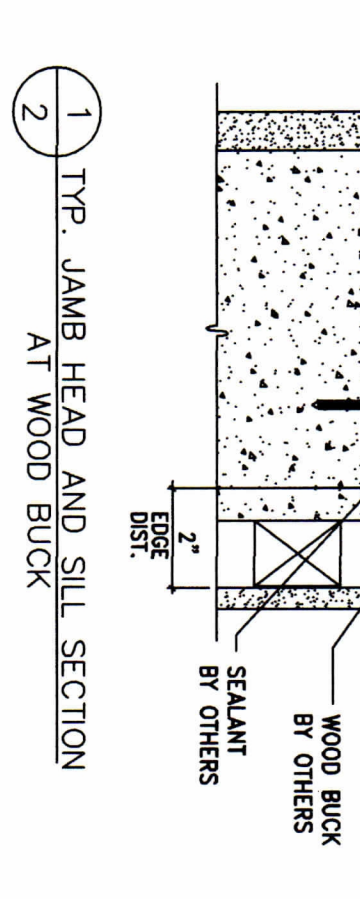
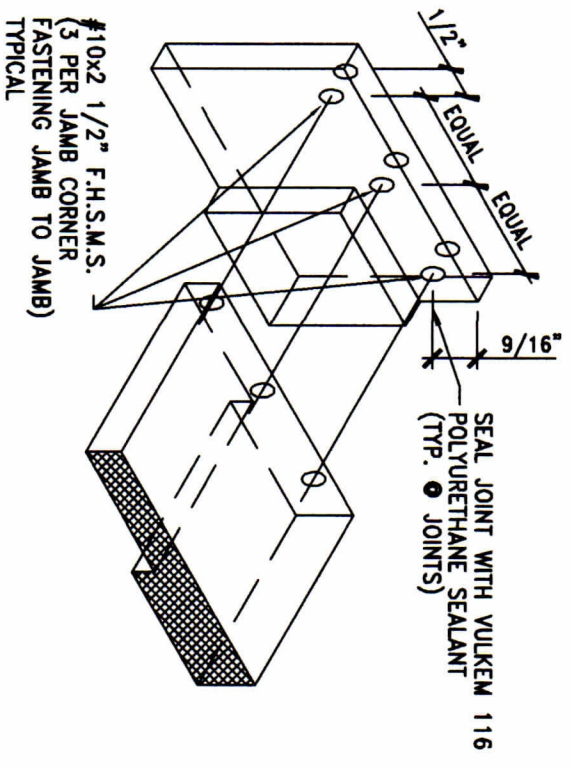
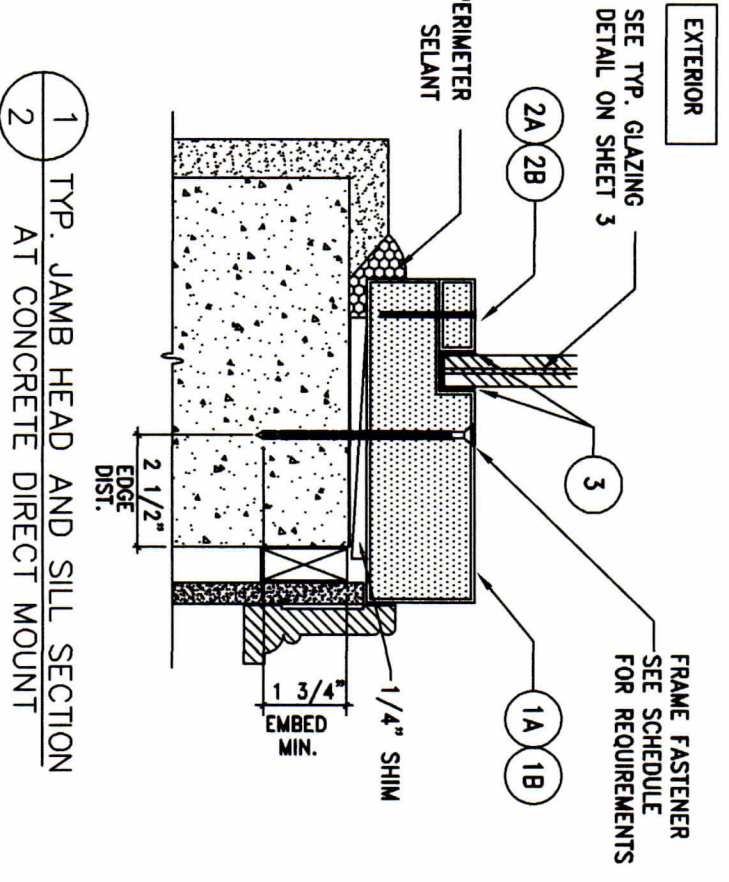
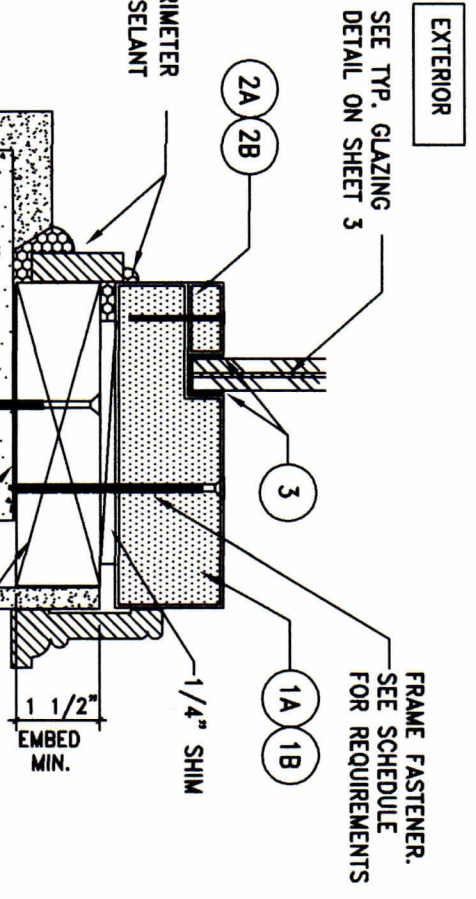
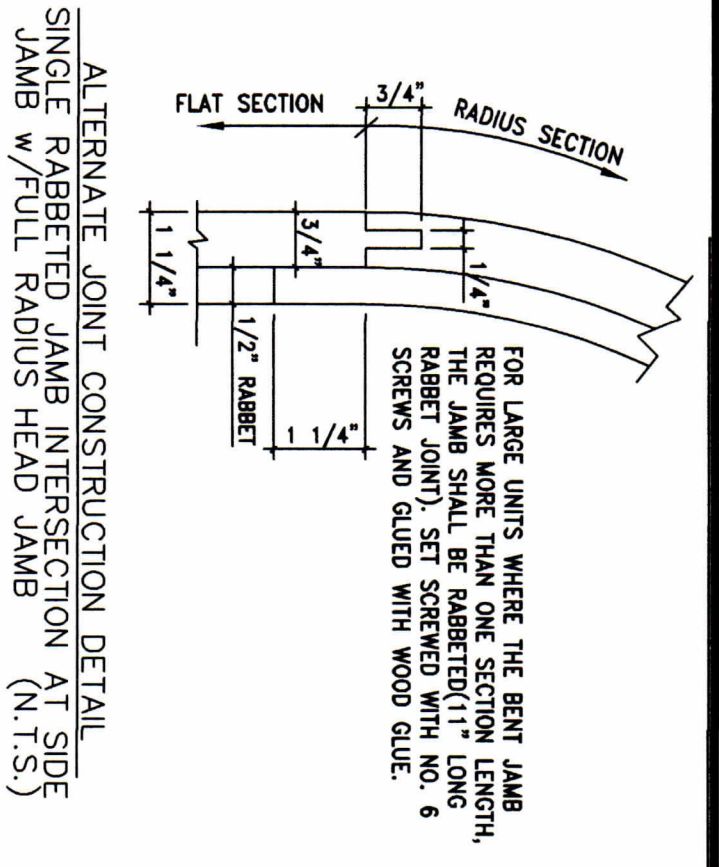
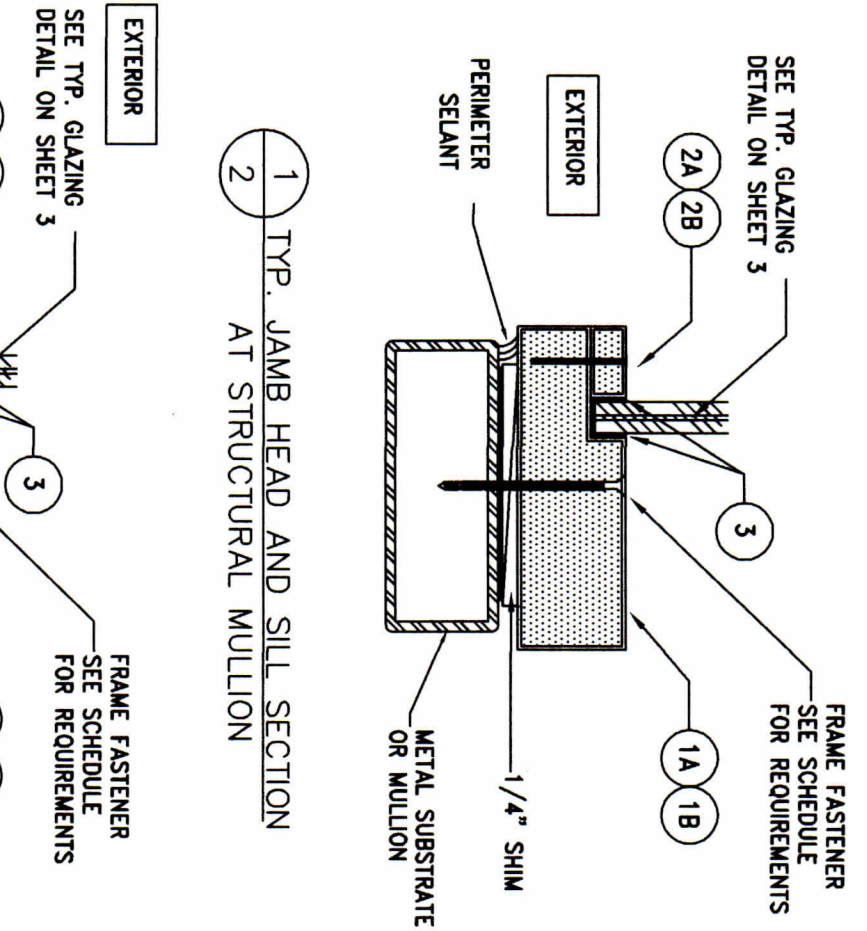
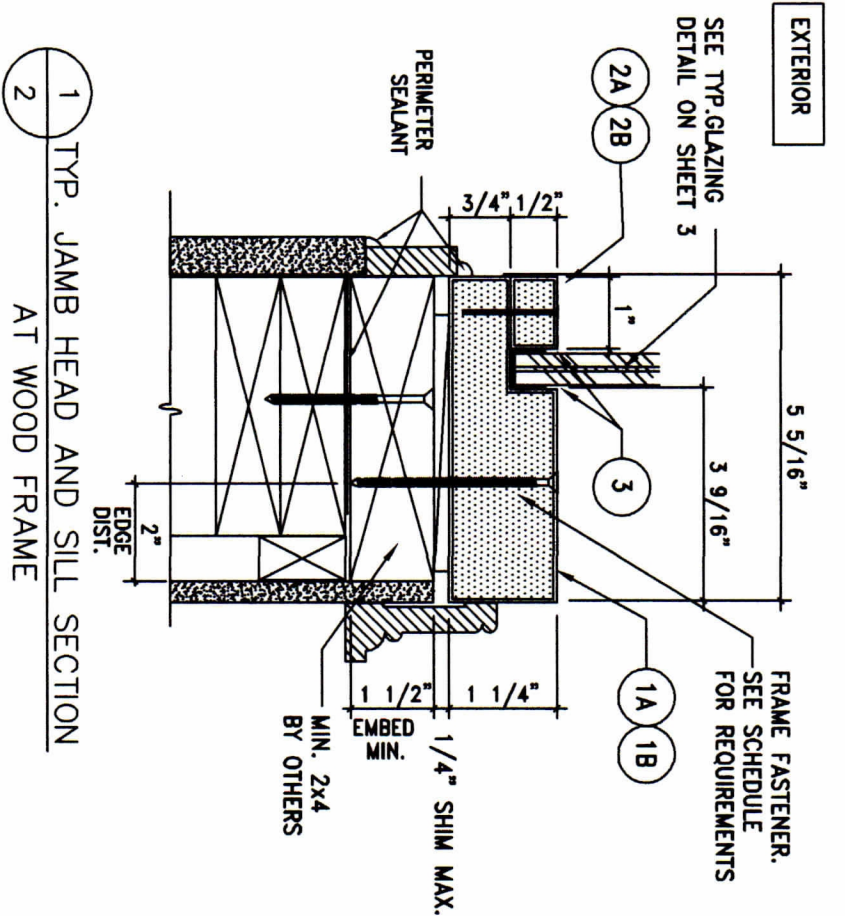
LAG DESIGN OF FLORIDA
3850 BRYON DR. 1&2
RIVIERA BEACH, FL 33404
(561)841-8590
ATTN: PAUL BROUS

NO.	REVISION DESCRIPTION	BY	DATE



BROMLEY COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33rd AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634
CERT. OF AUTH. #00009124

DRAWING NO: LAG-1000
SHEET NO: 1 OF 3



ANCHOR SCHEDULE			
FRAME ANCHOR REQUIREMENT TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPNG. FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE
2x WOOD BUCK	#12 WOOD SCREWS	1 1/2"	2"
CMU/CONCRETE	1/4" # HILTI KWIK CON II +	1 3/4"	1 1/2"
STEEL/ALUMINUM	1/8" THK.	-	-

NOTE: SPECIFIED ANCHOR EMBEDMENT SHALL BE INTO BASE MATERIAL BEYOND WALL FINISH OR STUCCO.

NOTE: SUBSTRATES MUST BE WATERPROOFED OR FLASHED BY CONTRACTOR

Professional Engineer Seal for William B. Cook, State of Florida, License No. 43904, dated 08/27/02, expires 08/27/08.

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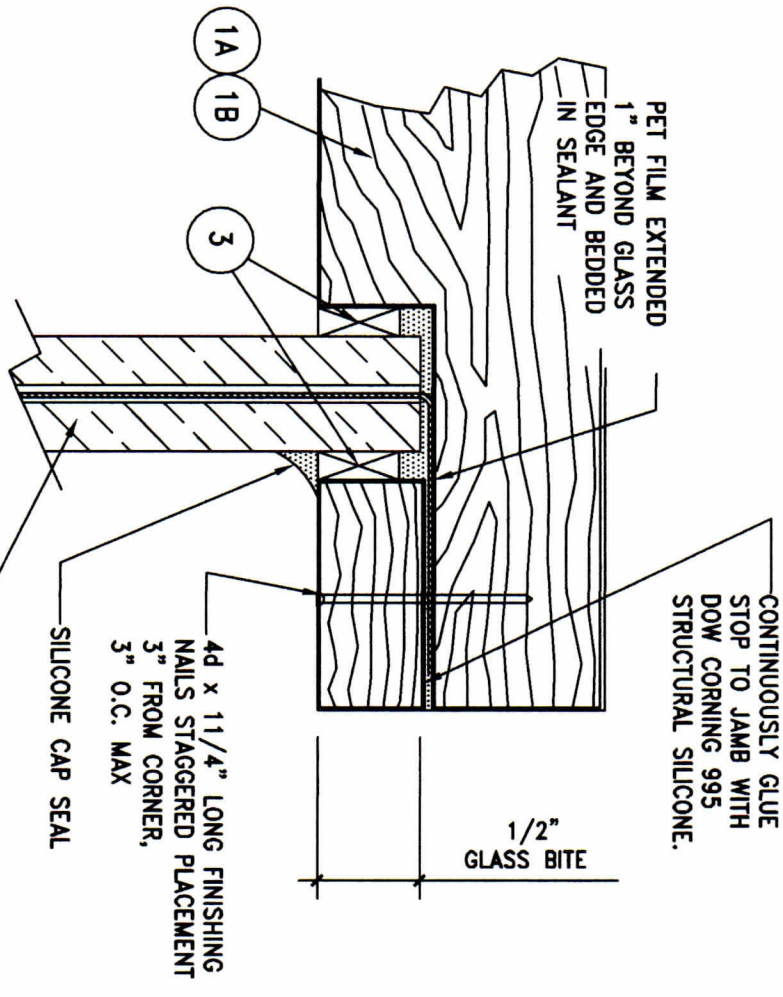
ALLOWABLE DESIGN LOADS FOR IMPACT WINDOWS					
MODULAR WINDOW SIZE	GLASS TYPE A	GLASS TYPE B	GLASS LOADS		
			EXT(+)	EXT(-)	EXT(+)
24	55	55	70	70	70
30	55	55	70	70	70
36	55	55	70	70	70
42	55	55	70	70	70
48	55	55	70	70	70
54	55	55	70	70	70
60	55	55	70	70	70
66	55	55	70	70	70
72	55	55	70	70	70
78	55	55	70	70	70
84	55	55	70	70	70
90	55	55	70	70	70
96	55	55	70	70	70
102	55	55	70	70	70
108	55	55	70	70	70
114	55	55	70	70	70
120	55	55	70	70	70

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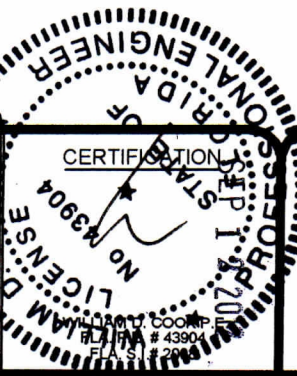
ITEM #	DESCRIPTION	NOTES
1A	STRAIGHT WINDOW JAMB	*WOOD
1B	RADIUS JAMB	LVL
2A	STOP (STRAIGHT JAMB)	*WOOD
2B	STOP (RADIUS JAMB)	LVL
3	1/16" x 1/4" DOUBLE FACED GLAZING TAPE	LAMATEK

* WOOD USED WITH TEST WAS GRADE 2 MAHOGANY. WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, OR ANY WOOD STRONGER.



GLAZING DETAIL
NTS

TESTED FRAME SIZE: 49.5" X 98.5" @ +/- 70 PSF (TEMPERED)
 TESTED FRAME SIZE: 49.5" X 98.5" @ +/- 55 PSF (ANNEALED)
 GLASS CHECKED PER ASTM 1300-02/04



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NO.	REVISION DESCRIPTION	BY	DATE

DRAWING NO: LAG-1000
 SHEET NO: 3 of 3