



5005 VETERANS MEMORIAL HIGHWAY
HOLBROOK, NY 11741

SYSTEM 8 MODULAR SUN & STARS ROOMS ENGINEERING AND STRUCTURAL LOADING INFORMATION

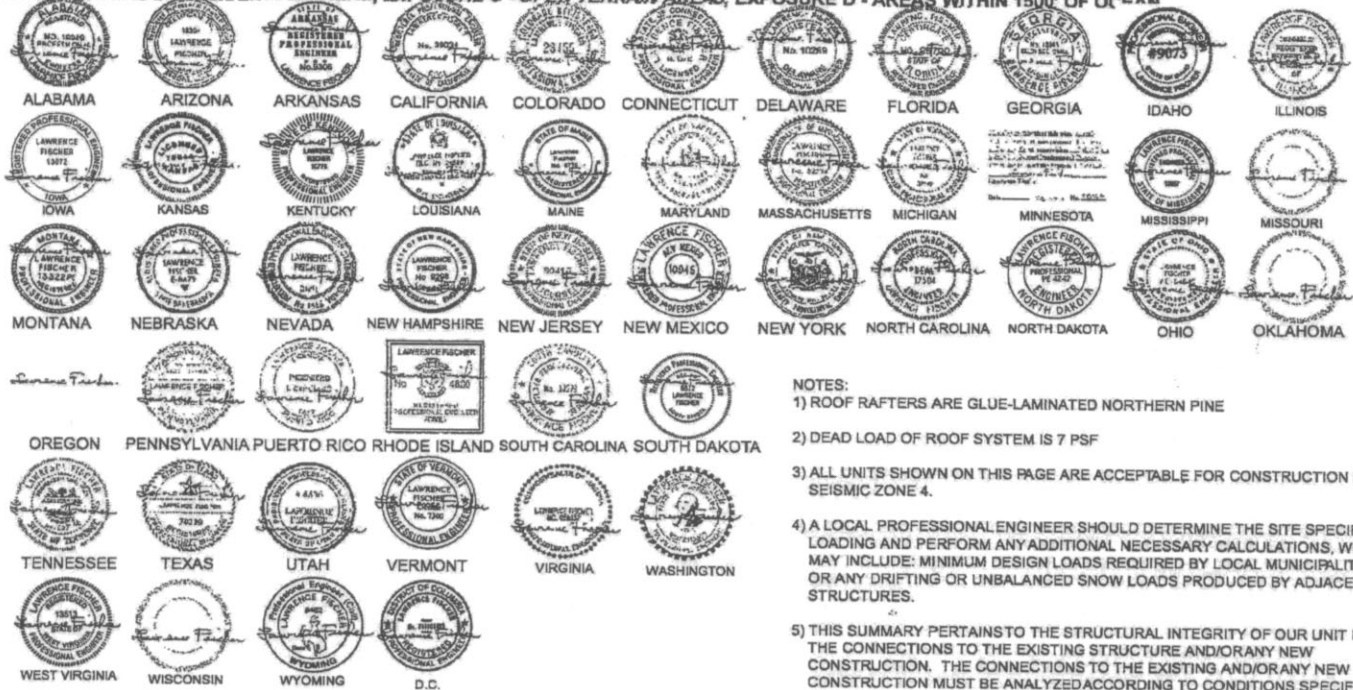
EFFECTIVE DATE: 6-02 LD

SYSTEM 8 MODULAR MODELS	GLAZING BAR DEPTH	GLAZING BAR O.C. SPACING	ROOF LIVE LOAD (PSF)	BX, BL MODELS			FX, FL MODELS		
				ALLOWABLE WIND SPEED			ALLOWABLE WIND SPEED		
				EXP. B (MPH)	EXP. C (MPH)	EXP. D (MPH)	EXP. B (MPH)	EXP. C (MPH)	EXP. D (MPH)
MLT-9	4 3/8"	3'-0 5/8"	45	170	130	115	140	105	95
	5 1/2"	3'-0 5/8"	72	170	130	115	140	105	95
MLT-12	5 1/2"	3'-0 5/8"	35	140	105	95	125	95	85
	7 3/4"	3'-0 5/8"	72	140	105	95	125	95	85
MLT-15	7 3/4"	3'-0 5/8"	48	125	95	85	110	85	75
	9 1/4"	3'-0 5/8"	70	125	95	85	110	85	75
MLT-9	4 3/8"	5'-1 1/4"	25	155	120	105	140	105	95
	5 1/2"	5'-1 1/4"	42	155	120	105	140	105	95
MLT-12	5 1/2"	5'-1 1/4"	20	140	105	95	125	95	85
	7 3/4"	5'-1 1/4"	42	140	105	95	125	95	85
MLT-15	7 3/4"	5'-1 1/4"	25	125	95	85	110	85	75
	9 1/4"	5'-1 1/4"	40	125	95	85	110	85	75

HIP MODELS	GLAZING BAR DEPTH	GLAZING BAR O.C. SPACING	ROOF LIVE LOAD (PSF)	BX, BL MODELS			FX, FL MODELS		
				ALLOWABLE WIND SPEED			ALLOWABLE WIND SPEED		
				EXP. B (MPH)	EXP. C (MPH)	EXP. D (MPH)	EXP. B (MPH)	EXP. C (MPH)	EXP. D (MPH)
MLT-9	4 3/8"	3'-0 5/8"	45	170	130	115	140	105	95
	5 1/2"	3'-0 5/8"	70*	170	130	115	140	105	95
MLT-12	5 1/2"	3'-0 5/8"	35	140	105	95	125	95	85
	7 3/4"	3'-0 5/8"	70*	140	105	95	125	95	85
MLT-15	7 3/4"	3'-0 5/8"	48	125	95	85	110	85	75
	9 1/4"	3'-0 5/8"	50*	125	95	85	110	85	75

* IN SOME CASES LOADS FOR HIP CORNERS ARE LESS THAN ADJOINING UNITS

NOTE : EXPOSURE B - RESIDENTIAL AREAS, EXPOSURE C - OPEN TERRAIN AREAS, EXPOSURE D - AREAS WITHIN 1500' OF OCEAN



NOTES:

- 1) ROOF RAFTERS ARE GLUE-LAMINATED NORTHERN PINE
- 2) DEAD LOAD OF ROOF SYSTEM IS 7 PSF
- 3) ALL UNITS SHOWN ON THIS PAGE ARE ACCEPTABLE FOR CONSTRUCTION IN SEISMIC ZONE 4.
- 4) A LOCAL PROFESSIONAL ENGINEER SHOULD DETERMINE THE SITE SPECIFIC LOADING AND PERFORM ANY ADDITIONAL NECESSARY CALCULATIONS, WHICH MAY INCLUDE: MINIMUM DESIGN LOADS REQUIRED BY LOCAL MUNICIPALITIES, OR ANY DRIFTING OR UNBALANCED SNOW LOADS PRODUCED BY ADJACENT STRUCTURES.
- 5) THIS SUMMARY PERTAINS TO THE STRUCTURAL INTEGRITY OF OUR UNIT UP TO THE CONNECTIONS TO THE EXISTING STRUCTURE AND/OR ANY NEW CONSTRUCTION. THE CONNECTIONS TO THE EXISTING AND/OR ANY NEW CONSTRUCTION MUST BE ANALYZED ACCORDING TO CONDITIONS SPECIFIC TO EACH JOB, BY A LOCAL PROFESSIONAL ENGINEER.
- 6) ENGINEERS CERTIFICATION: I LAWRENCE FISCHER CERTIFY THAT THESE ENGINEERING SPECIFICATIONS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATES SHOWN.