



TOWN OF FAIRPLAY BUILDING DEPARTMENT

Design Criteria

TOWN OF FAIRPLAY
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Ground Snow Load ^a	Wind Design				Seismic Design Category ^f	Subject to Damage		
	Speed (mph) ^d	Topographic effects ^k	Special wind region ^l	Wind-borne debris zone ^m		Weathering ^a	Frost line depth ^b	Termite ^c
65 PSF	115 MPH ULT Exposure C	Yes	No	No	B	Severe	48 inches	Slight to moderate
Winter Design Temp ^e	Ice Barrier Under-layment Required ^h	Flood Hazards ^g	Air Freezing Index ⁱ	Mean Annual Temp ^j				
2 F	Yes, entire roof surface	See Town adopted regulations and Article III	2500	32 F				
Manual J Design Criteria ⁿ								
Elevation	Latitude	Winter heating	Summer cooling	Altitude correction factor	Indoor design temperature	Design temperature cooling	Heating temperature difference	
9953 Ft.	39.22135 N	-14	81	.69	70 F	75 F	84	
Cooling temperature difference	Wind velocity heating	Wind velocity cooling	Coincident wet bulb	Daily range	Winter humidity	Summer humidity		
6	15 mph	7.5 mph	51	High (H)	50%	50%		