

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD (psf)	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic effects	Special wind region	Windborne debris zone		Weathering	Frost line depth (in)	Termite				
30	115	No			B	Severe	30	Moderate to heavy	Yes	Yes*	300	55°F
MANUAL J DESIGN CRITERIA												
Elevation		Altitude correction factor	Coincident wet bulb	Indoor winter design relative humidity	Indoor winter design dry-bulb temperature		Outdoor winter design dry-bulb temperature			Heating temperature difference		
451 ft		N/A	76°F	50%	70°F		14°F			56°F		
Latitude		Daily range	Summer design gains	Indoor summer design relative humidity	Indoor summer design dry-bulb temperature		Outdoor summer design dry-bulb temperature			Cooling temperature difference		
39°N		M		50%	75°F		92°F			17°F		

*(a) July 18, 1975; (b) The more stringent water surface elevations of the latest effective map of FEMA “Flood Insurance Rate Maps” and “Flood Boundary and Floodway Maps” dated February 29, 2006, with ongoing amendments, or approved engineered floodplain studies by DPS, or the M-NCPPC maps.