



## **BUILDING STRUCTURAL DESIGN CRITERIA**

### **COMMERCIAL BUILDINGS (2006 IBC)**

- General..... See 2006 IBC Chapter 16
- Wind Load..... 90 mph basic wind speed (3 sec gusts), Sec 1609
- Snow Load..... 10 psf (ground), Ref IBC Sec 1608 & ASCE 7
- Seismic loads..... Ref IBC Section 1613

### **RESIDENTIAL BUILDINGS (2006 IRC)**

- Wind Speed..... 90 mph
- Snow Load (Ground)..... 10 psf
- Seismic Design Category..... C
- Weathering..... Severe
- Frost Line Depth..... 12 inches
- Termite..... Moderate to Heavy
- Decay..... Moderate to Severe
- Winter Design Temperature..... 19
- Ice Barrier Underlayment..... Not required
- Air Freezing Index..... 210
- Mean Annual Temperature..... 59.4