



**Commerce  
CITY**

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**CITY OF COMMERCE CITY**  
*Community Development*  
*Building Safety Division*

## COMMERCE CITY DESIGN CRITERIA

<b>Basic Wind Speed:</b>	90 m.p.h. 3-second gust / Exposure "C" (unless engineering analysis justifies a different exposure category)
<b>Topographic Effects:</b>	No
<b>Seismic Design Category:</b>	B
<b>Ground Snow Load:</b>	25 p.s.f. (used to calculate drifting, etc.; please note minimum roof snow load below)
<b>Roof Snow Load:</b>	30 p.s.f. (minimum after all calculations and reductions)
<b>Frost Line Depth:</b>	36 inches
<b>Termite Protection:</b>	Required (slight to moderate)
<b>Decay Probability:</b>	Slight to Moderate (based on history)
<b>Weathering:</b>	Severe
<b>Ice Barrier Underlayment:</b>	Not Required
<b>Asphalt Shingle Requirements:</b>	ASTM D 225 or ASTM D 3462. Wind rating must comply with ASTM D 7158 Class D, G, or H or ASTM D 3161 Class D A, D, or F
<b>Drip Edge</b>	Required on rakes and eaves.
<b>Flood Hazards:</b>	1978 (date of entry in NFIP) / 2007 (current FIRM map revision date)
<b>Climate Zone:</b>	5b
<b>Mean Annual Temp:</b>	50° F
<b>Air Freezing Index:</b>	712
<b>Winter Design Temp:</b>	1° F
<b>Heating Degree Days (base 65° F):</b>	6,020
<b>Cooling Degree Days (base 65° F):</b>	679
<b>Maximum Design Indoor Temp:</b>	72° F (heating)
<b>Minimum Design Indoor Temp:</b>	75° F (cooling)
<b>Summer Design Temp (dry bulb):</b>	91° F
<b>Summer Design Temp (wet bulb):</b>	63° F