

Changes in 2010 include Energy codes

Section 104 IECC Construction Documents

1. Details include, but are not limited to, Insulation materials and their R values.
2. Fenestration U-Factors and SHGCs
3. System equipment efficiencies, types, sizes and controls
4. Duct sealing insulation and location
5. Air sealing details

Putnam County is listed in Zone 4

Table 301.3(2) International Climate Zone Definitions

Zone: (4a&b) IP Units = $CDD50^{\circ}F \leq 4500$ and $HDD65^{\circ}F \leq 5400$

SI Units = $CDD10^{\circ}C \leq 2500$ and $HDD18^{\circ}C \leq 3000$

Table 402.1.1 Insulation and fenestration by component

R-38 Ceilings

U-0.40 windows

R-13 Walls

R-19 Floors

R-10 Foundations

403.2.1 Supply and return ducts shall be insulated to a minimum of R-8

Ducts in floor trusses shall be insulated to a minimum of R-6

Exception: Ducts or portions thereof located completely inside the thermal envelope.

On January 1, 2010 Putnam County Planning Dept. will begin enforcing the following Codes.

- 1. 2006 IBC**
- 2. 2006 IRC**
- 3. 2006 IPC**
- 4. 2006 IFGC**
- 5. 2006 IMC**
- 6. 2006 IECC (NEW)**
- 7. 2006 IFC**

Beginning Jan. 1, 2010 (Two Major Changes)

- 1. Detailed Building Plans shall be submitted before a Building Permit is issued. Including U-Factor and SHGC on glazing and Insulation Values in crawl space, walls and attic. (For Energy Codes)**

- 2. Load calculations based on the Manual J eight addition and Duct sizing based on manual D shall be submitted before a Mechanical Permit will be issued.**

Thank You,

Putnam County Planning Dept.