



A beam conflict on one floor can force a chimney offset that changes supports, penetrations, and the roof opening several levels away. Factory-built chimneys with offsets: no part more than 30 degrees from vertical, and no more than four elbows in the whole assembly.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 805.4 and 805.5. Confirm the adopted edition. Distinct from factory-built listing (805) and decorative shrouds (805.7). The manufacturer's offset table may be tighter. This is not a chimney layout.

- ☐ **805.4: measure the angle from vertical, not from horizontal. Count elbows in the entire assembly — not per floor, not per**
A local field elbow that “just misses the beam” still counts. Repeated local fixes can exhaust the four-elbow budget before anyone has walked the complete route.
- ☐ **805.5: joists, rafters, or other members that support the chimney have to be designed for the additional load.**
A visible strap does not establish the capacity of the framing or the attachment. The appliance collar is not the support.
- ☐ **On the set: a continuous route with elevations, offset angles, elbow count, outside dimensions, and clearances.**
Mark each support and penetration. Do not cut or notch a truss to make a nominally compliant route fit.

The fail we see first

The fourth elbow is already in the field. New field offsets should trigger a coordinated review of elbow count, support, clearances, and termination — not approval of the elbow alone.

What to send: the chimney route in section (or photos of every elbow), the listed system name, and whether framing is already carrying the chimney.

Send the comments. Not the County guideline.

Folio (does it start with 30?), process or UP number, and the comments PDF. Masterbuild will say which row is actually open.

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+1 (786) 398-6940 · Calendly: 30-minute scoping call

Masterbuild provides engineering services under a written scope. Not a chimney layout. Confirm adopted 805.4–805.5. This is not legal advice.