



Drain-it-and-clean-it. Continuous slope toward the hood or a grease reservoir: minimum 1/4 in per 12 in (2%). Horizontal runs over 75 ft: 1 in per 12 in (8.3%). Cleanouts where sections cannot be cleaned from the hood or discharge — maximum 20 ft apart and within 10 ft of turns greater than 45 degrees. Most grease-duct failures are flat runs, missing cleanouts, or cleanouts nobody can reach.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 506.3.7–506.3.9. Confirm the adopted edition. Factory-built grease duct follows its listing. This is not a grease-duct design.

☐ **506.3.7: route so grease cannot collect. Continuous slope toward the hood or a reservoir.**

506.3.7.1 reservoirs (when used): bottom of horizontal duct or riser; full duct width; minimum 12 in long and 1 in deep; bottom sloped to a drain; cleanout with direct access.

☐ **506.3.8: no openings except for operation/maintenance. Cleanouts liquid-tight, steel same thickness as the duct, no faster**

506.3.8.1 personnel entry: if the duct is large enough, at least one approved/listed 22 in × 20 in opening in horizontals and at the top of risers. 506.3.8.2 in-line fans: cleanouts on inlet and outlet sides within 3 ft.

☐ **506.3.9 horizontal: max 20 ft spacing and within 10 ft of turns >45°. Minimum opening 12 in × 12 in. Place cleanouts at res**

On the set: slope arrows and slope rate on every horizontal grease-duct run. Do not put a cleanout where the ceiling or a shaft makes it unreachable.

The fail we see first

A 90-foot flat run with one cleanout at the hood. Grease pools. The inspector cannot clean past the first elbow. The wrap goes on anyway.

What to send: the grease-duct plan with run lengths, turns greater than 45°, fan locations, and any cleanouts already shown.

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.

masterbuildconsulting.com/send/

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

Masterbuild provides engineering services under a written scope. Not a grease-duct design. Confirm adopted 506.3.7. This is not legal advice.