



A detector symbol is not enough. IMC 606.3: required smoke detectors are installed per NFPA 72, must monitor the entire airflow the system conveys — including return, exhaust, or relief when those airstreams are part of the system being monitored — and must remain accessible for inspection and maintenance. If return, exhaust, or relief bypasses the detector, the design shows smoke detection and still fails the intent of 606.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 606.3. Confirm the adopted edition. Distinct from 606.1–606.2 where required. This is not a detector layout.

☐ **Install per NFPA 72. Coordinate fire-alarm interface and shutdown — do not show a detector with no sequence.**

Monitor the entire airflow conveyed by the system. Trace the actual airflow, not just the duct line.

☐ **Include return air and exhaust or relief air where those airstreams are part of the system being monitored.**

Access for inspection, testing, and maintenance. Do not bury the detector above an inaccessible ceiling or behind equipment.

The fail we see first

Detector in one branch of a dual-return unit. Or above a hard lid with no access. Or a symbol with no fire-alarm shutdown. Those fail inspection even when 606.2 “where required” was answered correctly.

What to send: the air-handler one-line (return, exhaust, relief), where the duct smoke detector is shown, and whether an access door and fire-alarm shutdown are specified.

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 detector layout. Confirm adopted 606.3 and NFPA 72. This is not legal advice.