



If you cannot keep 10 ft horizontally from streets and parking, raise the intake to not less than 25 ft above that surface. Level with a nearby exhaust is a siting error. Measure from the nearest edge of the street, not the centerline.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 401.4. Confirm the adopted edition. Distinct from 401.5 screens / AMCA 550 and from 501.3 exhaust discharge. This is not a louver selection.

☐ **401.4(1): intakes not less than 10 feet from lot lines and from other buildings on the same lot.**

401.4(2): keep not less than 10 feet horizontally from contaminant sources (vents, streets, alleys, parking, loading). You may be closer to streets/alleys/parking/loading only when the intake is not less than 25 feet above those surfaces.

☐ **If fronting a street/public way, measure from the nearest edge.**

401.4(3): if a source is within 10 feet horizontally, place the intake not less than 3 feet below that source. Exception: no separation needed for an individual dwelling unit using a listed combo intake-exhaust fitting installed per the fan manufacturer.

☐ **401.4(4): in flood hazard areas, set intakes at or above the elevation required for utilities and attendant equipment by IBC**

Put dimension strings on the site plan and the elevation. Mixed-occupancy TI that applies one OA rate to the whole floor is a 401.3 comment — each zone needs its own rate — but the louver still has to sit where 401.4 allows it.

The fail we see first

Measured from the centerline. Missed 25-foot vertical relief. Intake set level with exhaust. Intake below flood elevation. Resolve on the site plan before louvers are released.

What to send: the site plan, intake elevation, and distances to streets, parking, exhausts, and lot lines.

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 louver selection. Confirm adopted 401.4. This is not legal advice.