



CITY OF MONTGOMERY, ALABAMA

Commercial Plans Requirements

One digital set of plans is required. The contractor or responsible party must print one hard approved hard copy at issuance of permit and must be kept on job site at all times. The electronic or digital copy must be submitted on a thumb drive in a pdf format; or they can be sent in pdf format via email to palnreview@montgomeryal.gov.

Plans must contain:

- Project Name
- Structural designs
- Architectural designs, stamped by an architect licensed in the State of Alabama if the project is 2,500 square feet in size or more; if the project is an initial build-out in a building of 2,500 square feet or more; or if the project is an assembly or educational occupancy
 - Code Summary
 - Life Safety plan
 - Scope of work
- Plumbing designs must be submitted in accordance with the Alabama Board of Engineers & Land Surveyors
 - Provide plumbing fixture specifications
 - Confirm the IPC requirements for minimum number of required fixtures based on occupancy load and occupancy classification
 - Provide a riser diagram of the plumbing waste & vent system
 - Provide water heater details
 - Provide water distribution system design including backflow protection
 - Provide details of all piping penetrations through fire-resistance rated assemblies *(if applicable)*
- Gas system designs must be submitted in accordance with the Alabama Board of Engineers & Land Surveyor
 - Provide detailed drawing of the gas pipe system including the equipment capacity, pipe sizes and material types
 - Indicate the method of supplying combustion air to all fuel fired appliances, the size of openings and criteria used to size the openings
 - Provide details of all fuel gas piping penetrations through fire-resistance rated assemblies *(if applicable)*

- Mechanical system designs must be submitted in accordance with the Alabama Board of Engineers & Land Surveyors
 - Provide details on the HVAC equipment including the equipment capacity (Btu/h input), specifications, equipment location, access and clearances
 - Provide a ventilation schedule indicating the outdoor air rates, the estimated occupant load/1,000 ft², the floor area of the space and the amount of outdoor air supplied to each space
 - Duct construction and installation including duct sizes, duct types, flame spread/smoke development ratings of materials, flexible air duct and methods of sealing of duct joints
 - Indicate required exhaust systems specifications, routing of ducts and termination to the exterior
 - Provide complete details of all Type I and II kitchen hoods, grease duct construction and velocity, clearance to combustibles and fire suppression system (*if applicable*)
 - Provide details of all duct penetrations through fire-resistance rated assemblies including locations for all fire dampers, smoke dampers and ceiling radiation dampers along with applicable fire protection ratings and labeling requirements (*if applicable*)

- Electrical designs stamped by an electrical engineer licensed in the State of Alabama
 - Electrical load calculation
 - Short-circuit study
 - Utilization equipment and panelboard schedules
 - Single lines for service, all feeders, separately derived systems, and major equipment branch circuits
 - Grounding electrode system and intersystem bonding requirements
 - Proposed use of the facility
 - Special requirements to comply with Chapters 5, 6, and 7 of NEC
 - Proposed communication systems
 - Verification of compliance with the 2018 IECC energy requirements

- COM check compliance certificate is required to verify that the building envelope and the building systems comply with the International Energy Conservation Code

Note: A sign permit may be required.

Contact the Health Department at (334) 293-6400 for all work performed on restaurants, limited food services, mobile food services, schools, pools, day cares, tattoo parlors or hotels/motels.