



DEKALB COUNTY FIRE RESCUE DEPARTMENT

Darnell D. Fullum, Director/Fire Chief

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REQUIRED ITEMS for PLAN SUBMITTAL for FIRE MARSHAL REVIEW

To facilitate review and approval:

- Plans must bear seal of currently GEORGIA licensed Architect and/or Engineer (See OCGA 43-4-14, 43-4-16, & 43-15-24 for additional information).
- Plans must be to standard architectural scale (preferably ¼ " = 1' or larger), on MINIMUM 17"x 22" (Engineering or ANSI-C Size) sheets of paper.
- There must be two (2) sets of architectural plans which consist of architectural, Mechanical, site, plumbing and electrical drawings.
Fire protection systems require submittal of three (3) complete sets of plans.
- Plans shall be accompanied by one copy of specifications.
- Contractors for project must be currently GEORGIA licensed low-voltage or fire suppression (hood, sprinkler) and must submit individual fire alarm or fire suppression system designs for review.
- The plans shall indicate ALL CODES and STANDARDS used in design.
(Ex: "This facility was designed in accordance with 2012 NFPA 101- Life Safety Code"; or "This facility was designed in accordance with 2013 NFPA 72-Fire Alarm Systems").
 - Codes currently enforced by DeKalb County Fire Marshal's Office:
 - NFPA 101, Life Safety Code, 2012 Edition*
 - NFPA 13, Automatic Fire Sprinkler Code, 2013 Edition*
 - NFPA 17A, Wet Chemical Extinguishing Systems, 2013 Edition*
 - NFPA 72, National Alarm Code, 2013 Edition*
 - NFPA 96, Ventilation Control and Fire Protection of Commercial Cooking Operations, 2011 Edition*
 - International Fire Code, 2012 Edition*
 - GA Accessibility Code (GAC 120-3-20), 2010 Edition*
- The plan shall include manufacturer's installation instructions for equipment, including equipment descriptions, applications, and limitations of listing. (Ex: Paint spray booths, fire dampers, heat/smoke vents, etc).
- All plans for hospitals, detention facilities, and any state owned/operated/occupied facilities must be approved by the Georgia State Safety Fire Commissioners Office prior to submittal of those plans to DeKalb County.

When applicable, the following items that pertain to the facility design **MUST BE SHOWN** on the drawings:

- ___1) Name of owner and/or occupant
- ___2) Location, including proper street address (to include Suite/Unit number)
- ___3) Legend for ALL symbols

- ___4) Site plan showing relative elevations and illustrating driveways, fire department access roads, parking, handicap parking, proximity of structure to other structures, distance of structure from other structures, walkways, ramps, stairs, fences, passenger loading zones, location of electric transformer pads, heat and air conditioning units outside of the facility.
- ___5) Construction Type, with specified reference to EITHER 2006 IBC or 2006 NFPA 220 (as modified on GAC 120-3-20, NFPA 101 Table 8.2.1.1). Note construction materials and components of the structure on the plans (i.e. load bearing walls, interior walls, columns, etc).
- ___6) Occupancy Type
- ___7) Occupant Load WITH calculations
- ___8) Capacity (as identified by the authorities having jurisdiction, such as the DeKalb County School Board).
- ___9) Dimension of all rooms
- ___10) Label all rooms and their uses.
- ___11) Dimensions of all bathrooms (New construction MUST COMPLY with GAC 120-3-20 requirements). Show clearances, turning circles, elevations all fixtures).
- ___12) Location and size of ALL doors, door widths, corridors, and windows with sill height (provide details for clarity). Include class/rating for doors and windows, with UL listing. Indicate door swings, length of halls and corridors, and travel distances to exits.
- ___13) Location of fire alarm components to include pull stations, horn/strobe units and fire alarm control panel, battery calculations and strobe intensity levels. Fire Alarm Plans MUST be submitted by GEORGIA licensed low-voltage contractor.
- ___14) Location and power sources for ALL smoke detectors.
- ___15) Locations of ALL exit signs.
- ___16) Location of all emergency lighting.
- ___17) Locations of fire extinguishers (Note size, type and rating).
- ___18) Location of furnaces and water heaters. If unit is in attic/penthouse, note the location. Note BTU input rating of hot water heaters, and note CFM and BTU of furnace.
- ___19) Location and type of stove (residential or commercial appliance).
- ___20) Location al ALL stairs (inside and outside), ramps, and slope of ramps (Ex: 1:12)
- ___21) Show building cross section (drawing of outside of building) with elevation(s) related to grade.
- ___22) Location and size of laundry room (number, type residential or commercial appliance).
- ___23) Note location of storage room, with type/commodity and height of contents. For high-piled combustible storage, plans MUST contain ALL information required in IFC Chap. 23 (*2301.3 Construction Documents*).
- ___24) Indicate location of any powered industrial material handling equipment (Ex: LP Gas or Electric powered forklift trucks, inside or outside)
- ___25) Location of fixed fire protection devices (Ex: kitchen hood suppression or Sprinkler systems). System design must be done and submitted by GEORGIA licensed fire suppression or sprinkler contractor.