

DEKALB COUNTY FIRE RESCUE DEPARTMENT

Darnell Fullum, Director/Fire Chief
Fire Marshal Division-Chief Joseph Cox, Fire Marshal
1950 West Exchange Pl. 2nd Fl., Tucker, Georgia 30084
Phone: 404-371-9256 Fax: 404-687-2430



Temporary Tents and Membrane Structures

IFC 2012 ed. SECTION 3103

3103.1 General. All temporary tents and membrane structures (erected for use not to exceed 180 days within a 12-month period on a single premises) shall comply with this section.

3103.2 Approval required. Tents and membrane structures having an area in excess of 400 square feet (37 m²) shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval from the *fire code official*.

Exceptions:

1. Tents used exclusively for recreational camping purposes.
2. Tents *open* on all sides which comply with all of the following:
 - 2.1 Individual canopies having a maximum size of 700 square feet (65 m²).
 - 2.2 The aggregate area of multiple tents placed side by side without a fire break clearance of 12 feet (3658mm), not exceeding 700 square feet (65 m²) total.
 - 2.3 A minimum clearance of 12 feet (3658mm) to all structures and other tents.
3. It shall be unlawful to sell consumer fireworks from any motor vehicle, or from a trailer towed by a motor vehicle, or from a tent, canopy, or membrane structure." **Title 25 OCGA 25-10-2 (b)(6)(C)**
4. **3103.6 Construction documents.** A detailed site and floor plan for tents or membrane structures with an *occupant load* of 50 or more shall be provided with each application for approval. The tent or membrane structure floor plan shall indicate details of the *means of egress* facilities, seating capacity, arrangement of the seating and location and type of heating and electrical equipment.
5. All tents with cooking shall require a health department inspection. Any questions concerning the change above can be directed to the office of the Fire Marshal.
6. **3103.8.2 Location.** Tents or membrane structures shall not be located within 20 feet (6096 mm) of lot lines, buildings, other tents or membrane structures, parked vehicles or internal combustion engines. For the purpose of determining required distances, support ropes and guy wires shall be considered as part of the temporary membrane structure or tent.

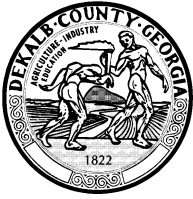
Exceptions:

1. Separation distance between membrane structures and tents not used for cooking is not required when the aggregate floor area does not exceed 15,000 square feet (1394 m²).
2. Membrane structures or tents need not be separated from buildings when all of the following conditions are met:

2.1. The aggregate floor area of the membrane structure or tent shall not exceed 10,000 square feet (929 m²).

2.2. The aggregate floor area of the building and membrane structure or tent shall not exceed the allowable floor area including increases as indicated in the International Building Code.

Revised: tp: 04/09/2019



DEKALB COUNTY FIRE RESCUE DEPARTMENT

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Fire Marshal Division-Chief Antonio Burden, Fire Marshal
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To: Bill King, Building Development Administrator

From: Chief Antonio Burden, Fire Marshal

Date: March 25, 2014

Subject: Tents and Membrane Structures

cc: Planning and Sustainability Intake

Memorandum

Temporary Tents and Membrane Structures
IFC 2012 ed. SECTION 3103
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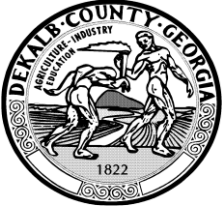
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 - 2.3 A minimum clearance of 12 feet (3658mm) to all structures and other tents.
3. Tents of any size used for the sale or display of fireworks or pyrotechnic devices shall require a fire plan review.
4. All tents with cooking shall require a health department inspection.

Any questions concerning the change above can be directed to the office of the Fire Marshal



DEKALB COUNTY FIRE RESCUE DEPARTMENT

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REQUIRED ITEMS for TENTS, CANOPIES & OTHER MEMBRANE

STRUCTURES PLAN SUBMITTAL for FIRE MARSHAL REVIEW

To facilitate review and approval:

- Plans must bear seal of currently GEORGIA licensed Architect and/or Engineer (See OCG 43-4-14 or 43-15-24 for additional information).
- Plans must be collated to standard architectural scale (preferably 1/8" = 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 separate permitting by 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 2012 International Fire Code include those found in 120-3-3 effective 3/9-10, 120-3-20 effective 2012 and Dekalb County Ordinance 4/2005.
- Codes currently enforced by DeKalb County Fire Marshal's Office:
 - NFPA 101, Life Safety Code, 2012 Edition*
- The plan shall include manufacturer's installation instructions for Equipment, including equipment descriptions, applications, and Limitations of listing.

When applicable, the following items that pertain to the facility design **MUST BE SHOWN** on the drawings (see 2012 NFPA 101:11.11 and 2012 NFPA 102):

- ___1) Name of owner and/or occupant
- ___2) Location, including proper street address (is membrane connected to building and if applicable show building cross section (drawing of outside of building) with elevation(s) related to Grade.)
- ___3) Dimension of membrane (Size and height including square footage including type seating and seating arrangements)
- ___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 2012 IBC or 2012 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 (flame spread/flammability and describe what the membrane secured with IE. Pegs/whether membrane is Open Air)
- ___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) Label membrane use
- ___10) Location and size of ALL exits, exit widths, sill height (provide details for clarity).
Include class/rating with UL listing.
Indicate length and travel distances to exits.
- ___11) Locations of ALL exit signs.
- ___12) Locations of all emergency lighting.
- ___13) Locations of fire extinguishers (Note size, type and rating).
- ___14) Indicate location of any powered industrial material handling equipment (Ex: LP Gas or Electric powered forklift trucks, inside or outside)
- ___15) Location of fire protection devices (Ex: kitchen hood suppression or portable fire extinguishers. System design must be done and submitted by currently GEORGIA licensed fire Suppression or sprinkler contractor.
- ___16) Duration of Temporary Structure
- ___17) 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.
- ___18) 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.
- ___19) Location and power sources for ALL smoke detectors.
- ___20) 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.

- ___21) Location and type of stove (residential or commercial appliance).
- ___22) Location al ALL stairs (inside and outside), ramps, and slope of ramps (Ex: 1:12)
- ___23) Location and size of laundry room (number, type residential or commercial appliance).
- ___24) Note location of storage room, with type/commodity and height of contents. For high-piled

Combustible storage, plans MUST contain ALL information required in 2012 IFC Chap. 32
(3201.3 Construction Documents).