



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 1/01/2015, 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*
 - **IFC 2012 Chapter 31 "Tents and Other Membrane Structure"**
- The plan shall include manufacturer's installation instructions for Equipment, including equipment descriptions, applications, and Limitations of listing.
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.
Fire apparatus access roads shall be provided in accordance with IFC section 503. See IFC section 3103.8.2 **Location (Exceptions regarding separation distances)**
Documentation of structural stability shall be furnished to the fire official on request.

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 IFC Chap. 23 (2301.3 *Construction Documents*).

Revised: ab. 10/24/2016