



OLD TAPPAN BUREAU OF FIRE PREVENTION

227 OLD TAPPAN ROAD, OLD TAPPAN, NJ 07675

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EVAN KUTZIN, FIRE OFFICIAL



TENT/CANOPY PERMIT APPLICATION

Anyone wishing to utilize a tent or canopy, must submit an application to the Bureau of Fire Prevention a minimum of 7 days prior to the use of the structure.

Tents, tensioned membrane structures, and canopies greater than 900 square feet or more than 30 feet in any dimension whether it is one unit or composed of multiple units shall be subject to the Uniform Fire Code permitting requirements of N.J.A.C. 5:70-2.7.

Uniform Construction Code:

Tents and tensioned membrane structures that meet any of the criteria in Items 1 through 5 **ALSO** require a construction permit pursuant to the Uniform Construction Code. A Construction Permit can be obtained from the Old Tappan Building Department. **ONLY 1 PERMIT WILL BE REQUIRED PER TENT.**

1. The tent, tensioned membrane structure, or canopy is greater than 140 feet in any dimension or greater than 16,800 square feet in area whether it is one unit or is composed of multiple units. For the purposes of applying this, tents that are more than 5 feet apart, regardless of whether they are connected by a walkway, shall be counted as separate tents. If tents are closer than 5 feet, the tents shall be counted as the same tent;
2. The tent, tensioned membrane structure, or canopy remains in place or will remain in place for more than 180 days;
3. The tent, tensioned membrane structure, or canopy is used or occupied only between December 1 and March 31;
4. The tent, tensioned membrane structure, or canopy having a permanent anchoring system or foundation. A construction permit shall be required for the original installation of a permanent anchoring system foundation. In addition, a construction permit shall be required each time a tent is erected on a portable anchoring system; or
5. The tent, tensioned membrane structure, or canopy contains platforms or bleachers greater than 11 feet in height.

The attached Tent Permit Application, with the application fee of \$54.00, must be submitted to the Fire Prevention Bureau.

Definitions:

Tent: A structure, enclosure or shelter constructed of fabric or pliable material supported by any manner except by air or the contents that it protects, with sidewalls or drops on MORE THAN 25 percent of the perimeter.

Canopy: A structure, enclosure or shelter constructed of fabric or pliable material supported by any manner except by air or the contents that it protects, with sidewalls or drops on LESS THAN 25 percent of the perimeter.

General Provisions for ***All Tents/Canopies***:

- Cooking under an occupied tent/canopy is strictly PROHIBITED.

- Tents/canopies where cooking is performed must be separated from other tents by a minimum of 5 feet.
- Smoking is PROHIBITED in/under any tent or canopy.
- Hay, straw, shavings, or similar combustible materials shall not be located within any tent or canopy.
- A minimum of one fire extinguisher is required, with a minimum rating of 2A-10B:C.
- Propane tanks/cylinders used for heating or cooking shall be kept outside the tent/canopy and secured to prevent damage and tipping (a separate permit may be required to be obtained for cooking).

Specific Provisions for **Tents**:

- Required to have a minimum of two (2) means of egress (i.e. curtains, doors, etc.), minimum width of 72", spaced at approximately equal intervals around the perimeter of the tent.
- Exit openings from tents shall remain open unless covered by a flame-resistant curtain or exit door.
- If equipped with exit doors, they shall swing in the direction of exit travel.
- If equipped with exit curtains, they shall be of a color, or colors, that contrasts with the color of the tent.
- EXIT signs shall be provided and shall be either of an approved self-luminous type or shall be internally illuminated.
- Emergency egress lighting shall be provided.
- Exit signs and emergency egress lighting may require an electrical permit subject to the requirements of the Uniform Construction Code.

The Tent/Canopy Permit application must be accompanied by the following:

- A site plan showing the location of the tent/canopy in relation to other nearby structures;
- A plan showing the location and dimensions of tables, any platforms or dance floors, cooking appliances (if any), and also indicating the number of persons anticipated at the event;
- If a tent is utilized with more than two (2) sides, the number, location, and type of exits (flap, door, etc.);
- If a tent is utilized with more than two (2) sides, the number and location of lighted EXIT signs and emergency lighting units;
- A "Certificate of Flame Resistance" provided by the tent/canopy supplier;
- Payment of Type I Permit Fee.

Occupancy Load:

- The occupancy load is calculated by dividing the total square footage of the tent by the appropriate square footage per person.
- The Fire Official shall calculate the occupancy load for the tent and issue an occupancy load sign which must be posted inside the tent.



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APPLICATION FOR TENT/CANOPY USE

(to be completed by operator and returned to the Bureau of Fire Prevention 7 days prior to occupancy)

Event: _____ Date of Event: _____

Event Sponsor: _____ Time of Event: _____ To: _____

Type of Event: _____ Setup Time: _____

Business Name: _____ Location: _____

Business Address: _____ Business Phone: _____

Applicant Name: _____ Applicant Email: _____

Tent/Canopy Information:

Vendor Name: _____ Phone: _____

Vendor Address: _____

Number of Structures: _____

Dimensions: _____

Description of Use: _____

I hereby acknowledge that I have read this application, that the information given is correct, and that I am the owner, or duly authorized to act in the owner's behalf, and as such hereby agree to comply with the applicable requirements of the Old Tappan Bureau of Fire Prevention, the NJ Fire Code, as well as any specific conditions imposed by the Division of Fire Safety or the Old Tappan Fire Marshal.

Signature: _____ Date: _____

FOR OFFICE USE ONLY

Inspector: _____

Permit Issued: ☐ Yes ☐ No Permit #: _____

Date: _____

Chapter 31 Tents and Other Membrane Structures

Section 3101 General

3101.1 Scope

Tents, temporary stage canopies and membrane structures shall comply with this chapter. The provisions of Section 3103 are applicable only to temporary tents and membrane structures. The provisions of Section 3104 are applicable to temporary and permanent tents and membrane structures. Other temporary structures shall comply with the building subcode of the *Uniform Construction Code*.

Section 3102 Definitions

3102.1 Definitions

The following terms are defined in Chapter 2:

AIR-INFLATED STRUCTURE.

AIR-SUPPORTED STRUCTURE.

MEMBRANE STRUCTURE.

TEMPORARY STAGE CANOPY.

TENT.

Section 3103 Temporary Tents and Membrane Structures

3103.1 General

Tents and membrane structures used for temporary periods shall comply with this section. Other temporary structures erected for a period of 180 days or less shall comply with the building subcode of the *Uniform Construction Code*.

3103.2 Approval Required

Tents, tensioned membrane structures, and canopies meeting the following criteria shall be subject to the permitting requirements of N.J.A.C. 5:70-2.7. Tents and tensioned membrane structures that do not meet these criteria in Items 1 through 5 require a construction permit pursuant to the *Uniform Construction Code*.

1. The tent, tensioned membrane structure, or canopy is less than 140 feet in any dimension and less than 16,800 square feet in area whether it is one unit or is composed of multiple units. For the purposes of applying this, tents that are more than 5 feet apart, regardless of whether they are connected by a walkway, shall be counted as separate tents. If tents are closer than 5 feet, the tents shall be counted as the same tent;
2. The tent, tensioned membrane structure, or canopy remains in place or will remain in place for fewer than 180 days;
3. The tent, tensioned membrane structure, or canopy is used or occupied only between April 1 and November 30;
4. The tent, tensioned membrane structure, or canopy does not have a permanent anchoring system or foundation. A construction permit shall be required for the original installation of a permanent anchoring system foundation. In addition, a construction permit shall be required each time a tent is erected on a portable anchoring system; and
5. The tent, tensioned membrane structure, or canopy does not contain platforms or bleachers greater than 11 feet in height.

3103.3 Place of Assembly

3103.4 Permits

3103.5 Use Period

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. A construction permit shall be obtained for heating, ventilation, or electrical equipment that requires a construction permit pursuant to the *Uniform Construction Code*.

3103.7 Inspections

The entire tent, air-supported, air-inflated or tensioned membrane structure system shall be inspected at regular intervals, but not less than two

times per permit use period, by the permittee, *owner* or agent to determine that the installation is maintained in accordance with this chapter.

Exception: Permit use periods of less than 30 days.

3103.7.1 Inspection Report

Where required by the *fire code official*, an inspection report shall be provided and shall consist of maintenance, anchors and fabric inspections.

3103.8 Access, Location and Parking

Access, location and parking for temporary tents and membrane structures shall be in accordance with this section.

3103.8.1 Access

Fire apparatus access roads shall be provided in accordance with Section 503.

3103.8.2 Location

Tents or membrane structures shall not be located within 5 feet of *lot lines*, buildings, other tents or membrane structures, parked vehicles or internal combustion engines.

Exceptions:

1. Separation distance between membrane structures and tents not used for cooking is not required where the aggregate floor area does not exceed 16,800 square feet.
- 2.

3103.8.3 Location of Structures in Excess of 15,000 Square Feet in Area

3103.8.4 Membrane Structures on Buildings

Membrane structures that are erected on buildings, balconies, decks or other structures shall be regulated as permanent membrane structures in accordance with the building subcode of the *Uniform Construction Code*.

3103.8.5 Connecting Corridors

Tents or membrane structures are allowed to be joined together by means of corridors. *Exit* doors shall be provided at each end of such corridor. Corridors connecting tents that are at least 5 feet in length or greater shall have openings on each side of the corridor that are opposite each other and that are equal to width of the required means of egress.

3103.8.6 Fire Break

3103.9 Anchorage Required

Tents or membrane structures and their appurtenances shall be adequately roped, braced and anchored to withstand the elements of weather and prevent against collapsing. Documentation of structural stability shall be furnished to the *fire code official* on request.

3103.9.1 Tents and Membrane Structures Exceeding One Story

Tents and membrane structures exceeding one story shall be designed and constructed to comply with the building subcode of the *Uniform Construction Code*.

3103.10 Temporary Air-Supported and Air-Inflated Membrane Structures

3103.10.1 Door Operation

3103.10.2 Fabric Envelope Design and Construction

3103.10.3 Blowers

3103.10.4 Auxiliary Inflation Systems

3103.11 Seating Arrangements

Seating in tents or membrane structures shall be in accordance with Chapter 10.

3103.12 Means of Egress

Means of egress for temporary tents and membrane structures shall be in accordance with Sections 3103.12.1 through 3103.12.8.

3103.12.1 Distribution

Exits shall be spaced at approximately equal intervals around the perimeter of the tent or membrane structure, and shall be located such that all points are 100 feet (30 480 mm) or less from an *exit*.

3103.12.2 Number

Tents, or membrane structures or a usable portion thereof shall have not less than one *exit* and not less than the number of *exits* required by Table 3103.12.2. The total width of *means of egress* in inches (mm) shall be not less than the total *occupant load* served by a *means of egress* multiplied by 0.2 inches (5 mm) per person.

TABLE 3103.12.2
MINIMUM NUMBER OF MEANS OF EGRESS AND MEANS OF EGRESS WIDTHS FROM TEMPORARY MEMBRANE STRUCTURES AND TENTS

OCCUPANT LOAD	MINIMUM NUMBER OF MEANS OF EGRESS	MINIMUM WIDTH OF EACH MEANS OF EGRESS (inches)	MINIMUM WIDTH OF EACH MEANS OF EGRESS (inches)
		Tent	Membrane Structure
10 to 199	2	72	36
200 to 499	3	72	72
500 to 999	4	96	72
1,000 to 1,999	5	120	96
2,000 to 2,999	6	120	96
Over 3,000	7	120	96

For SI: 1 inch = 25.4 mm.

3103.12.3 Exit Openings From Tents

Exit openings from tents shall remain open unless covered by a flame-resistant curtain. The curtain shall comply with the following requirements:

1. Curtains shall be free sliding on a metal support. The support shall be not less than 80 inches (2032 mm) above the floor level at the *exit*. The curtains shall be so arranged that, when open, no part of the curtain obstructs the *exit*.
2. Curtains shall be of a color, or colors, that contrasts with the color of the tent.

3103.12.4 Doors

Exit doors shall swing in the direction of *exit* travel. To avoid hazardous air and pressure loss in air-supported membrane structures, such doors shall be automatic closing against operating pressures. Opening force at the door edge shall not exceed 15 pounds (66 N).

3103.12.5 Aisle

The width of *aisles* without fixed seating shall be in accordance with the following:

1. In areas serving employees only, the minimum *aisle* width shall be 24 inches (610 mm) but not less than the width required by the number of employees served.
2. In public areas, smooth-surfaced, unobstructed *aisles* having a minimum width of not less than 44 inches (1118 mm) shall be provided from seating areas, and *aisles* shall be progressively increased in width to provide, at all points, not less than 1 foot (305 mm) of *aisle* width for each 50 persons served by such *aisle* at that point.

3103.12.5.1 Arrangement and Maintenance

The arrangement of *aisles* shall be subject to approval by the *fire code official* and shall be maintained clear at all times during occupancy.

3103.12.6 Exit Signs

Exits shall be clearly marked. *Exit* signs shall be installed at required *exit* doorways and where otherwise necessary to indicate clearly the direction of egress where the *exit* serves an *occupant load* of 50 or more.

3103.12.6.1 Exit Sign Illumination

Exit signs shall be either *listed* and *labeled* in accordance with UL 924 as the internally illuminated type and used in accordance with the listing or shall be externally illuminated by luminaires supplied in either of the following manners:

1. Two separate circuits, one of which shall be separate from all other circuits, for *occupant loads* of 300 or less.
2. Two separate sources of power, one of which shall be an *approved* emergency system, shall be provided where the *occupant load* exceeds 300. Emergency systems shall be supplied from storage batteries or from the onsite generator set, and the system shall be installed in accordance with the *electrical subcode* of the *Uniform Construction Code*. The emergency system provided shall have a minimum duration of 90 minutes when operated at full design demand.

3103.12.7 Means of Egress Illumination

Means of egress shall be illuminated with light having an intensity of not less than 1 footcandle (11 lux) at floor level while the structure is occupied. Fixtures required for *means of egress* illumination shall be supplied from a separate circuit or source of power.

3103.12.8 Maintenance of Means of Egress

The required width of *exits, aisles* and passageways shall be maintained at all times to a *public way*. Guy wires, guy ropes and other support members shall not cross a *means of egress* at a height of less than 7 feet. The surface of *means of egress* shall be maintained in an *approved* manner.

Section 3104 Temporary and Permanent Tents and Membrane Structures

3104.1 General

Tents and membrane structures, both temporary and permanent, shall be in accordance with this section. Permanent tents and membrane structures shall also comply with the *building subcode of the Uniform Construction Code*.

3104.2 Flame Propagation Performance Treatment

Before a permit is granted, the *owner* or agent shall file with the *fire code official* a certificate executed by an *approved* testing laboratory certifying that the tents and membrane structures and their appurtenances; sidewalls, drops and tarpaulins; floor coverings, bunting and combustible decorative materials and effects, including sawdust where used on floors or passageways, are composed of material meeting the flame propagation performance criteria of Test Method 1 or Test Method 2, as appropriate, of NFPA 701 or shall be treated with a flame retardant in an *approved* manner and meet the flame propagation performance criteria of Test Method 1 or Test Method 2, as appropriate, of NFPA 701, and that such flame propagation performance criteria are effective for the period specified by the permit.

3104.3 Label

Membrane structures or tents shall have a permanently affixed label bearing the identification of size and fabric or material type.

3104.4 Certification

An affidavit or affirmation shall be submitted to the *fire code official* and a copy retained on the premises on which the tent or air-supported structure is located. The affidavit shall attest to all of the following information relative to the flame propagation performance criteria of the fabric:

1. Names and address of the *owners* of the tent or air-supported structure.
2. Date the fabric was last treated with flame-retardant solution.
3. Trade name or kind of chemical used in treatment.
4. Name of person or firm treating the material.
5. Name of testing agency and test standard by which the fabric was tested.

3104.4.1

For a vinyl tent, a certificate of flame resistance from the manufacturer, indicating that the fabric meets the applicable flame propagation performance criteria of NFPA 701, shall be accepted as meeting the requirements of Items 2 through 5 above.

3104.5 Combustible Materials

Hay, straw, shavings or similar combustible materials shall not be located within any tent or membrane structure containing an assembly occupancy, except the materials necessary for the daily feeding and care of animals. Sawdust and shavings utilized for a public performance or exhibit shall not be prohibited provided the sawdust and shavings are kept damp. Combustible materials shall not be permitted under stands or seats at any time.

3104.6 Smoking

Smoking shall not be permitted in tents or membrane structures. *Approved* "No Smoking" signs shall be conspicuously posted in accordance with Section 310.

3104.7 Open or Exposed Flame

Open flame or other devices emitting flame, fire or heat or any flammable or *combustible liquids*, gas, charcoal or other cooking device or any other unapproved devices shall not be permitted inside or located within 20 feet (6096 mm) of the tent or membrane structures while open to the public unless *approved* by the *fire code official*.

Exception: Cooking tents as per Section 3104.15.

3104.8 Fireworks

Fireworks shall not be used within 100 feet (30 480 mm) of tents or membrane structures.

3104.9 Spot Lighting

Spot or effect lighting shall only be by electricity, and all combustible construction located within 6 feet (1829 mm) of such equipment shall be protected with *approved* noncombustible insulation not less than $9\frac{1}{4}$ inches (235 mm) thick.

3104.10 Safety Film

Motion pictures shall not be displayed in tents or membrane structures unless the motion picture film is safety film.

3104.11 Clearance

3104.12 Portable Fire Extinguishers

Portable fire extinguishers shall be provided as required by Section 906.

3104.13 Fire Protection Equipment

Fire hose lines, water supplies and other auxiliary fire equipment shall be maintained at the site in such numbers and sizes as required by the *fire code official*.

3104.14 Occupant Load Factors

The *occupant load* allowed in an assembly structure, or portion thereof, shall be determined in accordance with Chapter 10.

3104.15 Heating and Cooking Equipment

Heating and cooking equipment shall be in accordance with Sections 3104.15.1 through 3104.15.7.

3104.15.1 Installation

Heating or cooking equipment, tanks, piping, hoses, fittings, valves, tubing and other related components shall be installed as specified in the *mechanical subcode of the Uniform Construction Code* and the *fuel gas subcode of the Uniform Construction Code*, and shall be *approved* by the *fire code official*.

3104.15.2 Venting

Gas, liquid and solid fuel-burning equipment designed to be vented shall be vented to the outside air as specified in the *fuel gas subcode of the Uniform Construction Code* and the *mechanical subcode of the Uniform Construction Code*. Such vents shall be equipped with *approved* spark arresters where required. Where vents or flues are used, all portions of the tent or membrane structure shall be not less than 12 inches (305 mm) from the flue or vent.

3104.15.3 Location

Suitable barricades shall be provided to maintain a distance of 5 feet between the heat-producing appliances and the public.

3104.15.4 Operations

Operations such as warming of foods, cooking demonstrations and similar operations that use solid flammables, butane or other similar devices that do not pose an ignition hazard, shall be *approved*.

3104.15.5 Cooking Tents

Tents with sidewalls or drops where cooking is performed shall be separated from other tents or membrane structures by not less than 5 feet.

Exceptions:

1. Cooking tents are not required to be separated from other cooking tents.
2. Cooking tents shall be separated from other tents having more than 25 percent of the tent perimeter enclosed with sidewalls or drops or membrane structures with an occupant load of 50 or greater by a minimum of 20 feet (6096 mm).

3104.15.6 Outdoor Cooking

3104.15.7 Electrical Heating and Cooking Equipment

Electrical cooking and heating equipment shall comply with the *electrical subcode of the Uniform Construction Code*.

3104.16 LP-gas

The storage, handling and use of LP-gas and LP-gas equipment shall be in accordance with Sections 3104.16.1 through 3104.16.3.

3104.16.1 General

LP-gas equipment such as tanks, piping, hoses, fittings, valves, tubing and other related components shall be *approved* and in accordance with Chapter 61 and with the *fuel gas* subcode of the *Uniform Construction Code*.

3104.16.2 Location of Containers

LP-gas containers shall be located outside or on the exterior perimeter of a canopy. Safety release valves shall be pointed away from the tent or membrane structure.

3104.16.2.1 Containers ~~500 Gallons or Less~~

LP-gas containers shall be located a minimum of 5 feet from any heat-producing appliance.

3104.16.2.2 Containers More Than 500 Gallons

3104.16.3 Protection and Security

Portable LP-gas containers, piping, valves and fittings that are located outside and are being used to fuel equipment inside a tent or membrane structure shall be adequately protected to prevent tampering, damage by vehicles or other hazards and shall be located in an *approved* location. Portable LP-gas containers shall be securely fastened in place to prevent unauthorized movement.

3104.17 Flammable and Combustible Liquids

The storage of flammable and *combustible liquids* and the use of flammable-liquid-fueled equipment shall be in accordance with Sections 3104.17.1 through 3104.17.3.

3104.17.1 Use

Flammable-liquid-fueled equipment shall not be used in tents or membrane structures.

3104.17.2 Flammable and Combustible Liquid Storage

Flammable and *combustible liquids* shall be stored outside in an *approved* manner not less than 50 feet (15 240 mm) from tents or membrane structures. Storage shall be in accordance with Chapter 57.

3104.17.3 Refueling

Refueling shall be performed in an *approved* location not less than 20 feet (6096 mm) from tents or membrane structures.

3104.18 Display of Motor Vehicles

Liquid- and gas-fueled vehicles and equipment used for display within tents or membrane structures shall be in accordance with Sections 3104.18.1 through 3104.18.5.3.

3104.18.1 Batteries

3104.18.2 Fuel

Vehicles or equipment shall not be fueled or defueled within the tent or membrane structure.

3104.18.2.1 Quantity Limit

Fuel in the fuel tank shall not exceed one-quarter of the tank capacity or 5 gallons (19 L), whichever is less.

3104.18.2.2 Inspection

Fuel systems shall be inspected for leaks.

3104.18.2.3 Closure

Fuel tank openings shall be locked and sealed to prevent the escape of vapors.

3104.18.3 Location

The location of vehicles or equipment shall not obstruct *means of egress*.

3104.18.4 Places of Assembly

When a compressed natural gas (CNG) or liquefied petroleum gas (LP-gas) powered vehicle is parked inside a place of assembly, all the following conditions shall be met:

1. The quarter-turn shutoff valve or other shutoff valve on the outlet of the CNG or LP-gas container shall be closed and the engine shall be operated until it stops. Valves shall remain closed while the vehicle is indoors.
2. Dual-fuel vehicles equipped to operate on gasoline and CNG or LP-gas shall comply with this section and Sections 3104.18.1 through 3104.18.5.3 for gasoline-powered vehicles.

3104.18.5 Competitions and Demonstrations

Liquid and gas-fueled vehicles and equipment used for competition or demonstration within a tent or membrane structure shall comply with Sections 3104.18.5.1 through 3104.18.5.3.

3104.18.5.1 Fuel Storage

Fuel for vehicles or equipment shall be stored in *approved* containers in an *approved* location outside of the structure in accordance with Section 3104.17.2.

3104.18.5.2 Fueling

Refueling shall be performed outside of the structure in accordance with Section 3104.17.3.

3104.18.5.3 Spills

Fuel spills shall be cleaned up immediately.

3104.19 Separation of Generators

Generators and other internal combustion power sources shall be separated from tents or membrane structures by not less than 20 feet (6096 mm) and shall be isolated from contact with the public by fencing, enclosure or other *approved* means.

3104.20 Standby Personnel

Where, in the opinion of the *fire code official*, it is essential for public safety in a tent or membrane structure used as a place of assembly or any other use where people congregate, because of the number of persons, or the nature of the performance, exhibition, display, contest or activity, the *owner*, agent or lessee shall employ one or more qualified persons, as required and *approved*, to remain on duty during the times such places are open to the public, or when such activity is being conducted.

3104.20.1 Duties

Before each performance or the start of such activity, standby personnel shall keep diligent watch for fires during the time such place is open to the public or such activity is being conducted and take prompt measures for extinguishment of fires that occur and assist in the evacuation of the public from the structure.

3104.20.2 Crowd Managers

There shall be trained crowd managers or crowd manager/supervisors at a ratio of one crowd manager/supervisor for every 250 occupants, as *approved*.

3104.21 Combustible Vegetation

Combustible vegetation that could create a fire hazard shall be removed from the area occupied by a tent or membrane structure, and from areas within 20 feet of such structures.

3104.22 Combustible Waste Material

The floor surface inside tents or membrane structures and the grounds outside and within a 20-foot perimeter shall be kept free of combustible waste and other combustible materials that could create a fire hazard. Such waste shall be stored in *approved* containers and removed from the premises not less than once a day during the period the structure is occupied by the public.

Section 3105 Temporary Stage Canopies

3105.1 General

Temporary stage canopies shall comply with Section 3104, Sections 3105.2 through 3105.8 and ANSI E1.21.

3105.2 Approval

Temporary stage canopies shall be approved as required by Section 3103.1.

3105.3 Permits

3105.4 Use Period

3105.5 Required Documents

The following documents shall be submitted to the *fire code official* and the building official for review before a permit is *approved*:

1. Construction documents: Construction documents shall be prepared in accordance with the *Uniform Construction Code* by a *registered design professional*. Construction documents shall include:

- 1.1. A summary sheet showing the building code used, design criteria, loads and support reactions.
- 1.2. Detailed construction and installation drawings.

1.3. Design calculations.

1.4. Operating limits of the structure explicitly outlined by the registered design professional including environmental conditions and physical forces.

1.5. Effects of additive elements such as video walls, supported scenery, audio equipment, vertical and horizontal coverings.

1.6. Means for adequate stability including specific requirements for guying and cross-bracing, ground anchors or ballast for different ground conditions.

2. Designation of responsible party: The owner of the temporary stage canopy shall designate in writing a person to have responsibility for the temporary stage canopy on the site. The designated person shall have sufficient knowledge of the construction documents, manufacturer's recommendations and operations plan to make judgments regarding the structure's safety and to coordinate with the *fire code official*.

3. Operations plan: The operations plan shall reflect manufacturer's operational guidelines, procedures for environmental monitoring and actions to be taken under specified conditions consistent with the construction documents.

3105.6 Inspections

Inspections shall comply with Section 106 and Sections 3105.6.1 and 3105.6.2.

3105.6.1 Independent Inspector

The owner of a temporary stage canopy shall employ a qualified, independent approved agency or individual to inspect the installation of a temporary stage canopy.

3105.6.2 Inspection Report

The inspecting agency or individual shall furnish an inspection report to the *fire code official*. The inspection report shall indicate that the temporary stage canopy was inspected and was or was not installed in accordance with the approved construction documents. Discrepancies shall be brought to the immediate attention of the installer for correction. Where any discrepancy is not corrected, it shall be brought to the attention of the *fire code official* and the designated responsible party.

3105.7 Means of Egress

The means of egress for temporary stage canopies shall comply with Chapter 10.

3105.8 Location

Temporary stage canopies shall be located a distance from property lines and buildings to accommodate distances indicated in the construction drawings for guy wires, cross-bracing, ground anchors or ballast. Location shall not interfere with egress from a building or encroach on fire apparatus access roads.