Tent Policy

Anyone wishing to utilize a tent or canopy, must submit an application to the College Fire Marshal a minimum of 30 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 permitting requirements of N.J.A.C. 5:70-2.7, except if it meets any of the criteria in 1 through 5 below.

Uniform Construction Code:

Tents and tensioned membrane structures that meet any of the criteria in Items 1 through 5 require a construction permit pursuant to the Uniform Construction Code. A Construction Permit can be obtained from the 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 (via P-card), must be submitted to the Fire Marshal.

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 (typically 5lbs).
• 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 Marshal will calculate the occupancy load for the tent and issue an occupancy load sign which must be posted inside the tent.

*Policy is subject to change at any time by order of the RCNJ Fire Marshal.*
Tent Permit Application

(to be completed by Applicant and returned to the College Fire Marshal 30 days prior to event)

Event: ____________________________ Date of Event: ____________________________
Event Sponsor: ________________________ Time of Event: _______ To: ____________
Type of Event: ________________________ Setup Time: ____________________________
Location: ____________________________

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 on behalf of Ramapo College, and as such hereby agree to comply with the applicable requirements of the Ramapo College Fire Marshal, the NJ Fire Code, as well as any specific conditions imposed by the Division of Fire Safety.

Signature: ____________________________ Date: ____________

_____________________________________________________________________________

FOR FIRE MARSHAL 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 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 or 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 903.

3103.8.2 Location
Tents or membrane structures shall not be located within 5 feet of for 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 18,000 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 m) 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

<table>
<thead>
<tr>
<th>OCCUPANT LOAD</th>
<th>MINIMUM NUMBER OF MEANS OF EGRESS</th>
<th>MINIMUM WIDTH OF EACH MEANS OF EGRESS (INCHES)</th>
<th>MINIMUM WIDTH OF EACH MEANS OF EGRESS (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Tank</td>
<td>Membrane Structure</td>
</tr>
<tr>
<td>1 to 99</td>
<td>2</td>
<td>72</td>
<td>30</td>
</tr>
<tr>
<td>200 to 499</td>
<td>3</td>
<td>72</td>
<td>72</td>
</tr>
<tr>
<td>500 to 999</td>
<td>4</td>
<td>96</td>
<td>72</td>
</tr>
<tr>
<td>1,000 to 1,999</td>
<td>5</td>
<td>120</td>
<td>96</td>
</tr>
<tr>
<td>2,000 to 2,999</td>
<td>6</td>
<td>120</td>
<td>96</td>
</tr>
<tr>
<td>Over 3,000</td>
<td>7</td>
<td>120</td>
<td>96</td>
</tr>
</tbody>
</table>

For 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 locations 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.
3108.12.7 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. Pictures required for means of egress illumination shall be supplied from a separate circuit or source of power.

3108.12.8 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 code 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 issued by an approved testing laboratory certifying that the tent or membrane structures and their appurtenances, sidewalls, and tarps, are fire-resisting, flame-propagating, and waterproof When the membrane materials and other parts of the tent or membrane structures are constructed of wood, metal, or other combustible material, they shall be made of noncombustible materials, and the surfaces shall be protected with a noncombustible finish. The certificate shall include a signed statement by the fire code official certifying that the permit is in accordance with this section.

3104.3 Label

Membrane structures or tents shall have a permanently affixed label bearing the identification of the 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 membrane-supported structure is located. The affidavit shall contain 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 membrane-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.

3104.5 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 public performance or exhibits shall not be permitted provided the sawdust and shavings are kept dry. Combustible materials shall not be permitted under stands or seats at any time.

3104.6 Smoking

Smoking shall not be permitted in any tent or membrane structure. A certificate indicating that the fabric meets the applicable flame propagation performance criteria of NFP 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 public performance or exhibits shall not be permitted provided the sawdust and shavings are kept dry. Combustible materials shall not be permitted under stands or seats at any time.

3104.6 Smoking

Smoking shall not be permitted in any tent or membrane structure. A certificate indicating that the fabric meets the applicable flame propagation performance criteria of NFP 701 shall be accepted as meeting the requirements of Items 2 through 5 above.

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 (30.48 m) 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 (1.83 m) of such equipment shall be protected with approved noncombustible insulation not less than 9 1/2 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. Such vents shall be equipped with approved spark arrestors 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 barriers 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 their 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 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 or 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 tents 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 Fuelling
Refuelling shall be performed outside of the structure in accordance with Section 3104.17.3.

3104.18.5.3 Spills
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 management 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 surfaces 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 guy wire 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.