

Chapter 12 analysis

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Chapter 12	Notes
Definitions	
<p>Special Event: A <i>non-routine</i> organized activity within the community involving the use of, or having impact upon, city property, city facilities, parks, sidewalks, street areas or the temporary use of city property in a manner that varies from its current land use.</p>	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of a special event per City of Flagstaff Recreation services –Special Events –Rules and Regulations Also definition taken from FEMA- 2010 Special Events Contingency Planning Manual Proposed Local Language (not in conflict with state definition) to provide more specific definition and understanding of a special event.</p>
<p>Crowd Manager: A person responsible for defining his/her establishment's emergency plan for evacuation. He or she is also responsible for ensuring that the employees are properly understand their roles in crowd management is assisting directing the crowd in an orderly manner for evacuation.</p>	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of a crowd manager NFPA 101 (Life Safety Code) also defined in FEMA- 2010 Special Events Contingency Planning Manual Addressed in the City of Flagstaff Recreation services –Special Events – Rules and Regulations. Security considerations. Proposed Local Language (not in conflict with state definition) to provide more specific definition and understanding of a crowd manager.</p>
<p>Exhibit: A space or portable structure used for the display of products or services.</p>	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of a crowd manager NFPA 101 (Life Safety Code) also defined in FEMA- 2010 Special Events Contingency Planning Manual Addressed in the City of Flagstaff Recreation services –Special Events – Rules and Regulations. Security considerations. Proposed Local Language (not in conflict with state definition) to provide more specific definition and understanding of a crowd manager.</p>
<p>Outdoor assembly event: Private or public event conducted outdoors including but not limited to festivals, and or celebrations having the projected attendance or 500 or more persons throughout the event or confining 500 or more attendees by the permitted or temporary installation of barricades or fencing.</p>	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of an outdoor assembly event per state standard practices. Definition consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area. - FEMA- 2010 Special Events Contingency Planning Manual Special Events Chapter 17 2012 IFC Proposed Local</p>

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	Language (not in conflict with state definition) to provide more specific definition and understanding of an outdoor assembly event.
Mobile Food truck: A licensed motorized vehicle or mobile food unit which is temporarily or permanently staged on a property where food items are sold to the general public.	Proposed local addition to the code. (Not currently in the state adopted code) Definition of a mobile food vehicle per state standard practices. Definition consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area. - FEMA- 2010 Special Events Contingency Planning Manual – NFPA 96 Standard ventilation Control and Fire Protection of Commercial cooking operations. Proposed Local Language (not in conflict with state definition) to provide more specific definition and understanding of a mobile food vehicle.
1201.1 Scope An assembly of persons with a common purpose to watch or participate in an activity that is different than the normal course of business for a location. The event may include entertainment, food/beverage, and use of temporary fencing, stands, structures or tents. Events may include but not limited to concerts, circuses, fairs, festivals, parades, trade shows, exhibits, mazes or similar celebrations Special events may increase the impact or disruption normal traffic flow or involve road closures	Proposed local addition to the code. (Not currently in the state adopted code) Definition of the scope of a special event. per City of Flagstaff Recreation services –Special Events –Rules and Regulations Also definition taken from FEMA- 2010 Special Events Contingency Planning Manual Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements in relation to local special events.
1202 General Requirements	
1202.1 Permit: A permit and any applicable fees shall be required as set forth by the City of Flagstaff Special Event Permit Review Process for special events, outdoor events or exhibits.	Current practice of a special event per City of Flagstaff Recreation services –Special Events –Rules and Regulations, and FFD policies on permits. (FCC 3-10-001-0003) Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements of a permits when applying for local special events within the city.

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<p>1202.2 Site Plans – detailed site plans shall be submitted with the special events permit for outdoor events.</p>	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of special event site plans per City of Flagstaff Recreation services –Special Events –Rules and Regulations Also definition taken from FEMA- 2010 Special Events Contingency Planning Manual</p> <p>Proposed Local Language (not in conflict with state definition) to provide more specific definition and understanding of site plans in relation to a special event.</p>
<p>1202.3 Permits and site plans shall be submitted per the city's special event process and shall include but not limited to:</p> <ol style="list-style-type: none"> 1. Means of egress 2. Location and width of exits and aisles 3. Location of exit signs 4. Location of fencing or means used to confine attendees 5. Total square footage of enclosed space 6. Location, size and arrangement of all tents, booths and cooking equipment 7. Location and access of emergency vehicle access roads 8. Location of fire protection equipment 9. Type and location of heating and electrical equipment where applied. 	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of special event site plans per City of Flagstaff Recreation services –Special Events –Rules and Regulations Also definition taken from FEMA- 2010 Special Events Contingency Planning Manual.</p> <p>Requirement consistent with municipal regulations on special events around the state of Arizona, where these events are common place.</p> <p>Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements when applying for a local special events permit within the city.</p>
<p>1202.4 Access for firefighting and medical services -- Approved vehicle access for firefighting and EMS services shall be maintained.</p>	<p>Addressed in section 503 and code section 3310.1 of 2012 State adopted code</p> <p>Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process.</p> <p>Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for sufficient emergency vehicle access into a special event for purposes of an emergency.</p>

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<p>1202.5 Combustible Storage - combustible materials stored at special events shall be stored in approved locations and containers.</p>	<p>Addressed in code section 304.1.1 of 2012 State adopted code Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for prohibiting disorderly un kept storage or accumulation of trash and other combustible materials at a special event</p>
<p>1202.6 Crowd managers – crowd managers shall be required when the code official determines that an indoor or outdoor gathering warrants crowd control.</p>	<p>Addressed in code section 3104.202 of 2012 State adopted code Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Also consistent with FEMA- 2010 Special Events Contingency Planning Manual Requirements consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for crowd managers in relation to being present, training and activities carried out at a special event</p>
<p>1202.7 Fire Extinguishers - Fire extinguishers shall be in accordance with section 906.</p>	<p>Addressed in section 906 of 2012 State adopted code Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of portable fire extinguisher requirements at a special event</p>
<p>1202.8 Fire Watch - fire watch shall be in accordance with section 403.1.</p>	<p>Addressed in section 403.1 of 2012 State adopted code Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of a fire watch requirement At a special event by qualified firefighting personnel during specific situations such as open burning events.</p>

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<p>1202.9 Housekeeping -the special events and related areas shall be kept free from combustible debris at all times</p>	<p>Addressed in section 304.1 of 2012 State adopted code</p> <p>Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for prohibiting disorderly un kept storage or accumulation of trash and other combustible materials at a special event</p>										
<p>1203 Outdoor Assembly Events</p>											
<p>1203.1 General – Outdoor events shall be in accordance with this section and section 10.</p>											
<p>1203.2 Exits - Exits shall comply with chapter 10, be as remote from each other as practical and comply with table below. Outdoor Events Table 1203</p> <table border="1" data-bbox="205 787 1108 1015"> <thead> <tr> <th>Occupant Load</th> <th>Minimum number of Exits</th> </tr> </thead> <tbody> <tr> <td>1-500</td> <td>2</td> </tr> <tr> <td>501-1000</td> <td>3</td> </tr> <tr> <td>1001-1500</td> <td>4</td> </tr> <tr> <td>Each additional 500 Persons</td> <td>36" of additional exit width for each exit</td> </tr> </tbody> </table>	Occupant Load	Minimum number of Exits	1-500	2	501-1000	3	1001-1500	4	Each additional 500 Persons	36" of additional exit width for each exit	<p>Generally addressed in code section 1005.3 of 2012 State adopted code. Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Also consistent with FEMA- 2010 Special Events Contingency Planning Manual Requirements consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area.</p> <p>Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for adequate number and size of egress points for special events that are enclosed by fencing or barricades.</p>
Occupant Load	Minimum number of Exits										
1-500	2										
501-1000	3										
1001-1500	4										
Each additional 500 Persons	36" of additional exit width for each exit										
<p>1203.3 Exit Width- The aggregate clear width of exists shall be a minimum of 36 "width wide for each 500 persons to be accommodated</p>	<p>Addressed in code section 1005.2 of 2012 State adopted code</p> <p>Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Also consistent with FEMA- 2010 Special Events Contingency Planning Manual Requirements consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these</p>										

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	<p>requirements for adequate number and size of egress points for special events that are enclosed by fencing or barricades.</p>								
<p>1203.4 Exit Signs Exits shall be identified with signs that read -EXIT – The signs shall be weather resistant with letters on a contrasting background. Lettering shall be of sufficient height and brush stroke to be visible within 100 feet. Placement of the exit signs shall be approved by the fire code official.</p>	<p>Addressed in code section 1011.1 of 2012 State adopted code Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Also consistent with FEMA- 2010 Special Events Contingency Planning Manual Requirements consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for adequate signs that readily identify egress points for special events that are enclosed by fencing or barricades.</p>								
<p>1204 - Outdoor Concerts / Crowd Management</p>									
<p>1204.1 Front Stage Isle/Separation - Minimum 10 foot Aisle space for front of stage- Adequate Crowd manager’s during the concert or event to maintain minimum widths. Main Isle shall be a minimum of 10 feet in width or a minimum required means of egress width whichever is greater and shall be maintained during the event.</p> <p style="text-align: center;">Isle Width Table 1204</p> <table border="1" data-bbox="205 998 1108 1187"> <thead> <tr> <th>Square Footage of Exhibition</th> <th>Minimum Isle Width</th> </tr> </thead> <tbody> <tr> <td>Greater than 15,000 Square Feet</td> <td>10 Feet</td> </tr> <tr> <td>5000- to 15000 Square Feet</td> <td>8 feet</td> </tr> <tr> <td>Less than 5000 Square Feet</td> <td>6 feet</td> </tr> </tbody> </table>	Square Footage of Exhibition	Minimum Isle Width	Greater than 15,000 Square Feet	10 Feet	5000- to 15000 Square Feet	8 feet	Less than 5000 Square Feet	6 feet	<p>Consistent with past practices per City of Flagstaff Recreation services – Special Events –Rules and Regulations and review process. Also consistent with FEMA- 2010 Special Events Contingency Planning Manual Requirements consistent with municipal regulations on special events around the state of Arizona, where these events are common place down in the Phoenix area. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for adequate Isle spacing and security personnel at outdoor concerts special events.</p>
Square Footage of Exhibition	Minimum Isle Width								
Greater than 15,000 Square Feet	10 Feet								
5000- to 15000 Square Feet	8 feet								
Less than 5000 Square Feet	6 feet								
<p>1205 - Mobile Food Vehicles</p>									

<p>1205.1 General Mobile food vehicles that are temporary or permanently stored on a property where food items are processed or prepared and sold to the public shall comply with this section. Exception: Food Peddlers operating a retail food establishment from a vehicle designated to be readily mobile in which food is sold or given away but not composed compounded, thawed, reheated, cut, cooked, processed, or prepared.</p>	<p>Proposed local addition to the code. (Not currently in the state adopted code) Definition of a mobile food vehicle literature and using NFPA 96 - Provisions cover the design; installation; operation; and inspection, testing, and maintenance of the full spectrum of cooking equipment, hoods, grease removal devices, exhaust duct systems, fans, fire suppression systems, and clearance to combustibles, as a guide. Proposed Local Language (not in conflict with state definition) to provide more specific definition and understanding of a mobile food vehicle</p>
<p>1205.2 Kitchen Hood A type 1 hood shall be installed at or above all commercial cooking appliances and domestic cooking appliances used for commercial purposes that produce grease vapors. Commercial kitchen exhaust hoods shall comply with the requirements of the <i>International Mechanical Code</i></p>	<p>Addressed in code section 904.2.1 of 2012 State adopted code, and in accordance with International Mechanical Code. Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for an adequate suppression system to combat a fire on cooking surfaces of grease producing appliances and with the hood and exhaust system in mobile food vehicles .</p>
<p>1205.3 Maintenance Hoods shall be inspected, tested and maintained in accordance with NFPA 96. Inspection and testing – Kitchen hood extinguishing systems shall be inspected every 6 months by a registered fire protection system contractor. Fire Extinguishers 2-A-10BC rated Dry Chemical extinguisher shall be provided within 30 feet of deep fat fryers using animal oil. An approved class K extinguisher shall be provided within 30 feet of deep fat fryers using vegetable oils.</p>	<p>Addressed in code section 904.1.1 of 2012 State adopted code Proposed Local Language (not in conflict with state definition) to provide more specific understanding of these requirements for adequate maintenance of commercial kitchen hoods and requires qualified technicians to perform this maintenance in mobile food vehicles.</p>
<p>1205.4 Liquefied Petroleum Gas (LP Gas). LP gas use shall be in accordance with Chapter 61 and NFPA 58</p>	<p>Addressed in code section Chapter 61 of 2012 State adopted code. Also NFPA 58 Liquefied Petroleum Gas Code Proposed Local Language (not in conflict with state definition) to provide more specific understanding of the use of liquefied propane gas in mobile food vehicles</p>

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<p>1205.5 Maximum number and quantity – A maximum of 2 LP gas containers with a total aggregate water capacity of 25 gallons is permitted at one mobile food vehicle</p>	<p>Addressed in code section 6103.2.1.7 of 2012 State adopted code Proposed Local Language (not in conflict with state definition) to provide more specific understanding of the maximum amount of liquefied propane gas in use and stored on mobile food vehicles</p>
<p>1205.6 LP Gas Cylinder Hoses - Hoses shall be designed for a working pressure of 350 PSI with a safety factor of 5 to 1 and shall be consistently marked with LP gas, propane 350 PSI working pressure and a manufacturers name or trademark. Hose assemblies after the application of couplings shall have a design capability or 700 PSIG. Hose assemblies shall be leak tested at the time of installation at not less than the operating pressure of the system in which they are installed.</p>	<p>Addressed in code section 6103 of 2012 State adopted code. Also NFPA 58 Liquefied Petroleum Gas Code Proposed Local Language (not in conflict with state definition) to provide more specific understanding of the hose specifications for use in liquefied propane gas cooking systems in mobile food vehicles</p>
<p>1205.7 Location Mobile food vehicles shall not be located within 20 feet of tents canopies and membrane structure.</p>	<p>Proposed Local Language (not in conflict with state definition) to provide more specific understanding of minimum separation distances of mobile food vehicles and tents for purposes of potential ignition sources.</p>