



LOCATION

Use this section to answer the following questions:

- ... When a tent in excess of 400 sq. ft. is attached directly to a building, do all four pieces of Sec. 3103.8.2, Excp. #2 have to be met ?
- ... May a tent 400 sq. ft. or less be erected one foot from a lot line ?
- ... What rules apply when a tent 400 sq. ft. or less is attached directly to a building ?

LOCATION

Amendment; LSA Doc. # 13 - 341 (F) 675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

The following is a general discussion of this section and helps to explain the beginning “shall” statement and the exceptions:

- 1) The starting point for this is to realize that Sec. 3103.8.2, *Location* is not applicable to a “scope” tent, 400 sq. ft. or less, because of the way the *Scope* has been amended. Therefore, this section begins when a tent is in excess of 400 sq. ft. which means 401 sq. ft. This logic also applies to Excp. #1 which means this exception begins at 401 sq. ft. This exception is used a lot because it allows tents (aggregate floor area is used for this) not exceeding 15,000 sq. ft. to be placed



con't. on the next slide

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right next to other tents, lot lines, buildings parked vehicles and internal combustion engines. This gives the event planner a lot of flexibility. The portion of Excp. #1 which states, “in which open or exposed flame equipment is not used”, is reinforcing the fact that open or exposed flame equipment may never be in a tent in excess of 400 sq. ft.

Excp. #2 is used when a tent is attached directly to a building. There are slides discussing this in this section.

Excp. #3 is currently in the process of being re-written. The *Scope* makes it unusable.



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Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)



TEMPORARY MEMBRANE STRUCTURES, TENTS, AIR-SUPPORTED OR AIR-INFLATED STRUCTURES SHALL NOT BE LOCATED WITHIN TWENTY (20) FEET OF LOT LINES, BUILDINGS, OTHER TEMPORARY MEMBRANE STRUCTURES, OTHER TENTS, PARKED VEHICLES, OR INTERNAL COMBUSTION ENGINES. FOR PURPOSES OF DETERMINING REQUIRED DISTANCES, SUPPORT ROPES AND GUY WIRES SHALL BE CONSIDERED AS PART OF THE TEMPORARY MEMBRANE STRUCTURE OR TENT.

LOCATION

Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)



EXCEPTION 1: WHEN THE AGGREGATE FLOOR AREA DOES NOT EXCEED 15,000 SQUARE FEET, SEPARATION DISTANCE BETWEEN TEMPORARY MEMBRANE STRUCTURES, AND TENTS, IN WHICH OPEN OR EXPOSED FLAME EQUIPMENT IS NOT USED, AND LOT LINES, BUILDINGS, OTHER TEMPORARY MEMBRANE STRUCTURES, OTHER TENTS, PARKED VEHICLES, OR INTERNAL COMBUSTION ENGINES IS NOT REQUIRED.

LOCATION

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**EXCEPTION 2: TEMPORARY MEMBRANE STRUCTURES AND
TENTS NEED NOT BE SEPARATED FROM BUILDINGS WHEN ALL
OF THE FOLLOWING CONDITIONS ARE MET:**

- 2.1 THE AGGREGATE FLOOR AREA OF THE TEMPORARY MEMBRANE
STRUCTURE OR TENT SHALL NOT EXCEED 10,000 SQUARE FEET.**
- 2.2 THE AGGREGATE FLOOR AREA OF THE BUILDING AND TEMPORARY
MEMBRANE STRUCTURE OR TENT SHALL NOT EXCEED THE
ALLOWABLE FLOOR AREA INCLUDING INCREASES IN THE INDIANA
BUILDING CODE.**

LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**



**EXCEPTION 2: TEMPORARY MEMBRANE STRUCTURES AND
TENTS NEED NOT BE SEPARATED FROM BUILDINGS WHEN ALL
OF THE FOLLOWING CONDITIONS ARE MET:**

2.1 THE AGGREGATE FLOOR ... 2.2 THE AGGREGATE FLOOR ...

**2.3 ALL REQUIRED EXITING PROVISIONS FOR THE BUILDING AND THE
TEMPORARY MEMBRANE STRUCTURE OR TENT, INCLUDING TRAVEL
DISTANCE.**

**2.4 FIRE APPARATUS ACCESS ROADS ARE PROVIDED IN ACCORDANCE
WITH SECTION 503.**

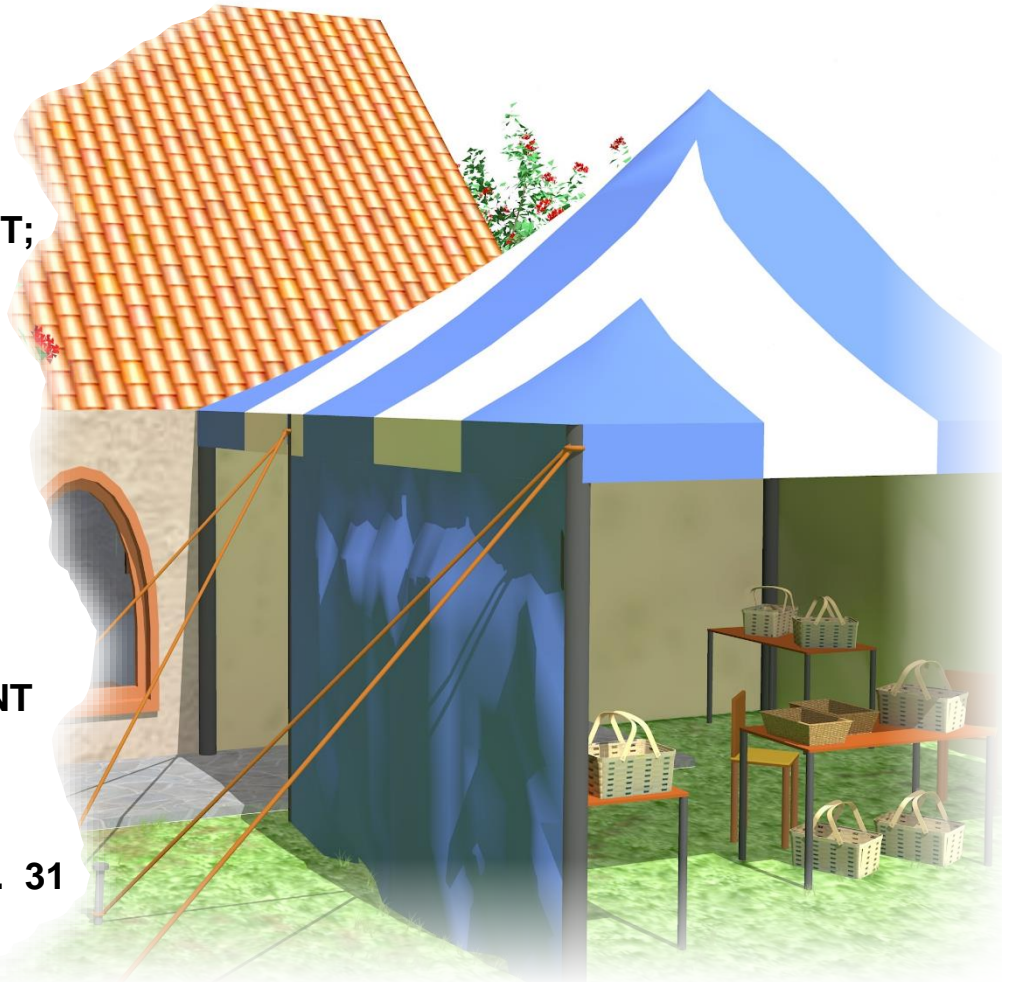
“Scope” Tents



LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

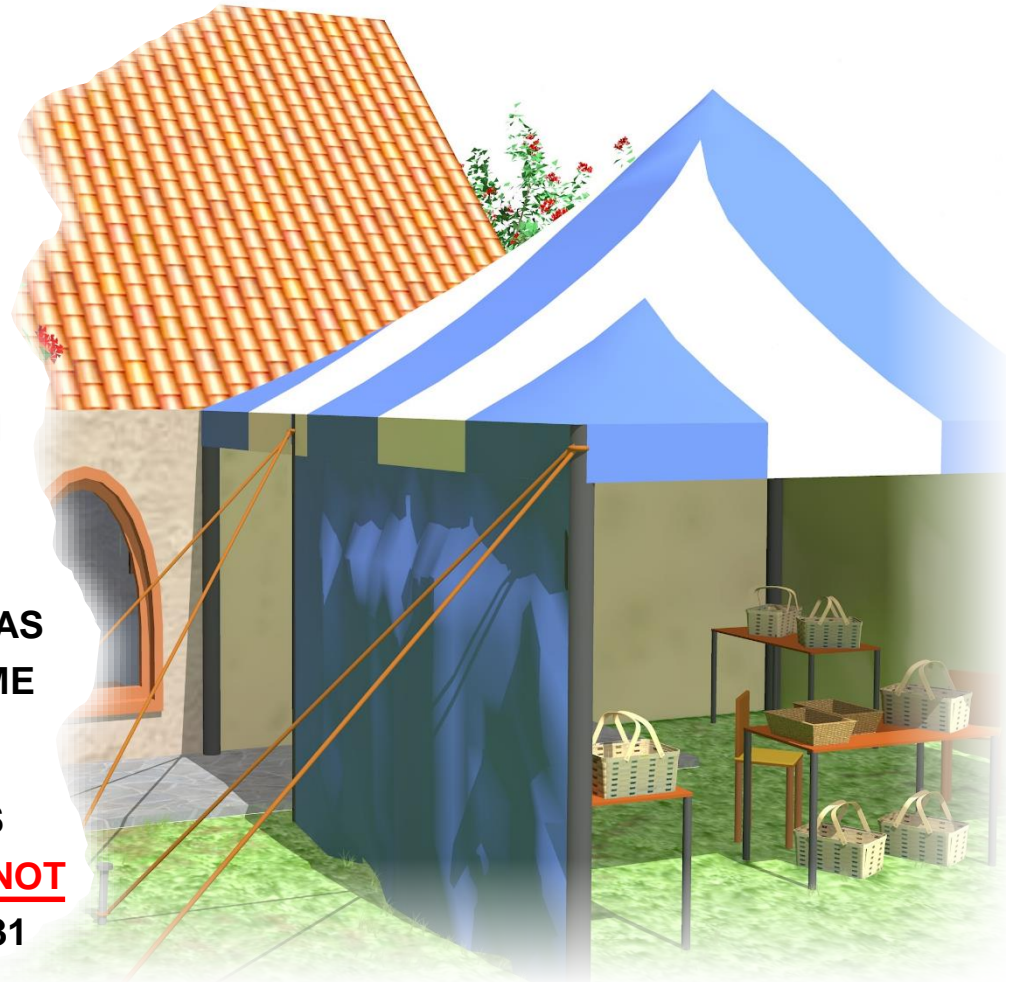
- **THIS SCENARIO IS A “SCOPE” TENT;
400 SQ. FT. OR LESS WITH THE
TENT ATTACHED TO THE BUILDING**
- **WITH MERCHANDISE DISPLAY
INSIDE THE TENT**
- **DUE TO THE SIZE OF THIS TENT
AND THE ACTIVITY INSIDE THE TENT**
- **THE *SCOPE* IS THE ONLY
APPLICABLE CODE SECTION IN CH. 31**



LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

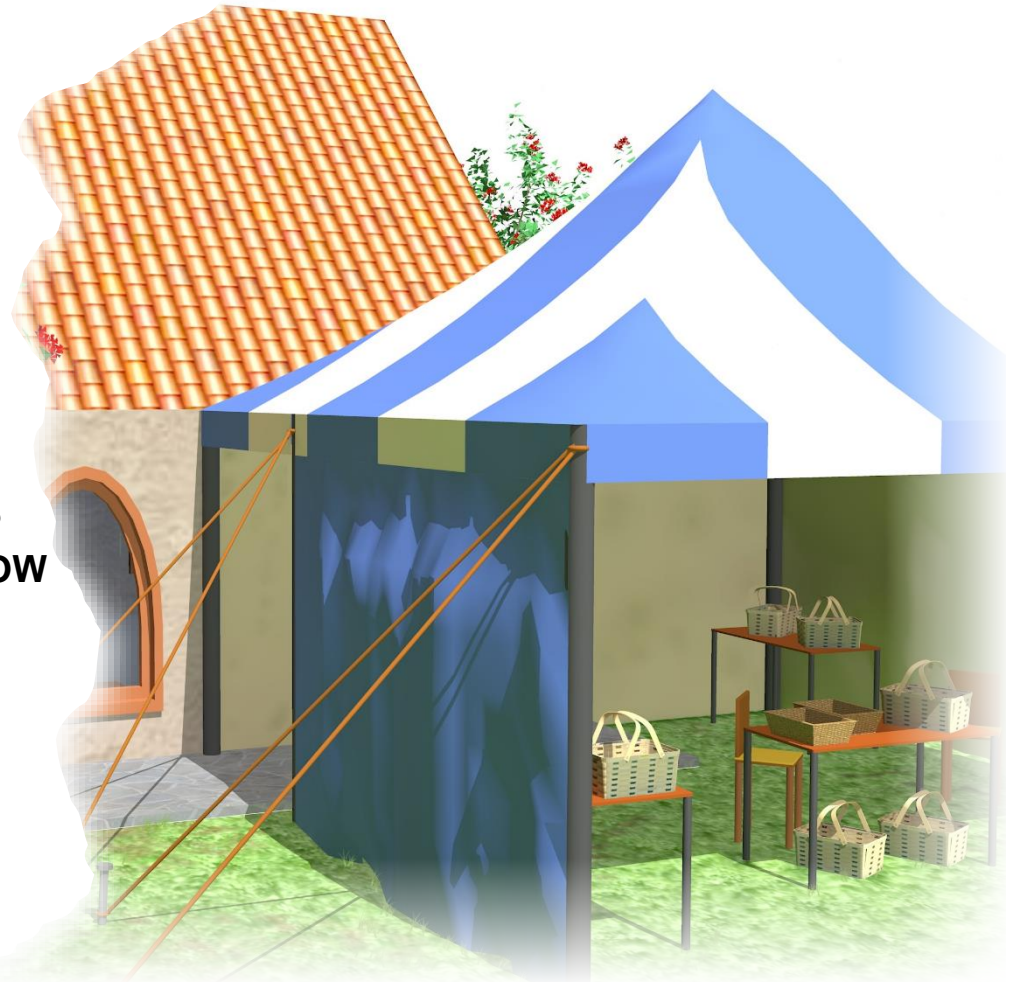
- THE 3 CODE SECTIONS AMENDED IN THE *SCOPE* ARE 3104.7, 3104.15.5 AND 3104.15.6
- THESE 3 CODE SECTIONS PERTAIN TO OPEN OR EXPOSED FLAME AND / OR COOKING
- THE ACTIVITY INSIDE THIS TENT HAS NOTHING TO DO WITH OPEN FLAME AND / OR COOKING, THEREFORE,
- DUE TO THE WAY THE *SCOPE* HAS BEEN WRITTEN, THIS TENT DOES **NOT** HAVE TO MEET ANYTHING IN CH. 31



LOCATION

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- DUE TO THE *SCOPE*, THIS TENT DOES **NOT** HAVE TO MEET SEC. 3103.8.2, Excp. #2, *LOCATION*
- THE REMOVAL OF THE SIDEWALLS OR DROPS DOES **NOT** CHANGE HOW THIS SCENARIO IS HANDLED



SUMMARY: the following code sections govern this scenario

■ **Sec. 3101.1 – Scope**

THIS IS THE ONLY CODE
SECTION THAT APPLIES IN CH. 31.



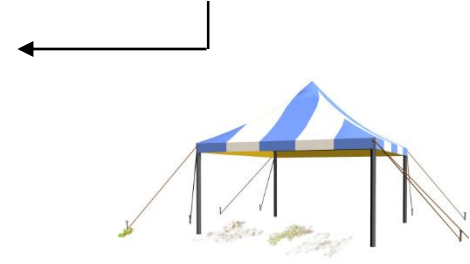
"SCOPE" TENT ATTACHED
TO A BUILDING

SUMMARY: MERCHANDISE DISPLAY

THE MERCHANDISE
DISPLAY IS PERMITTED
UNDER
THE TENT.



THE AREA OF THIS
TENT IS 400 SQUARE
FEET OR LESS



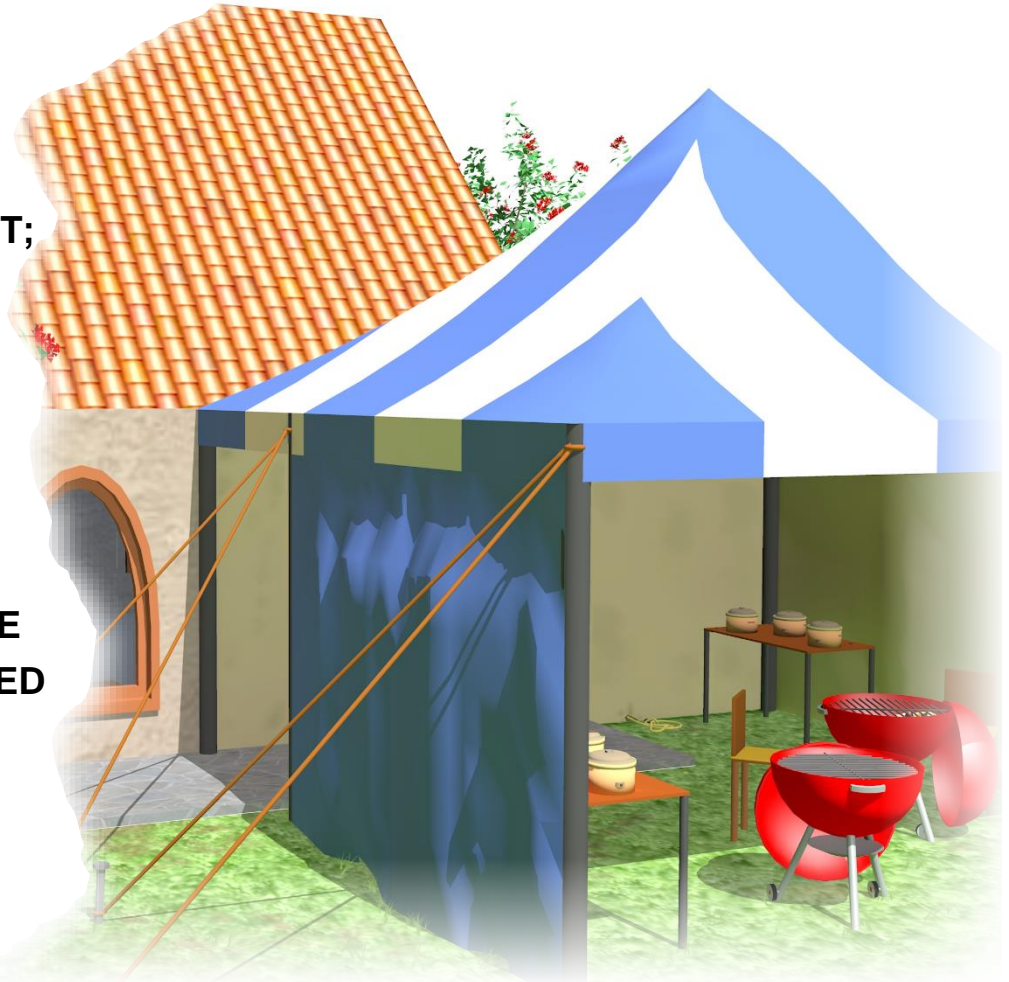
■ The purpose of this slide is to summarize the separation distance between the tent and the building. Additionally, remember, because of the activity under the tent and the size, this tent has no required separation distance from any other tent.

**THERE IS NO SEPARATION DISTANCE REQUIRED
BETWEEN THIS TENT AND THE BUILDING**

LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

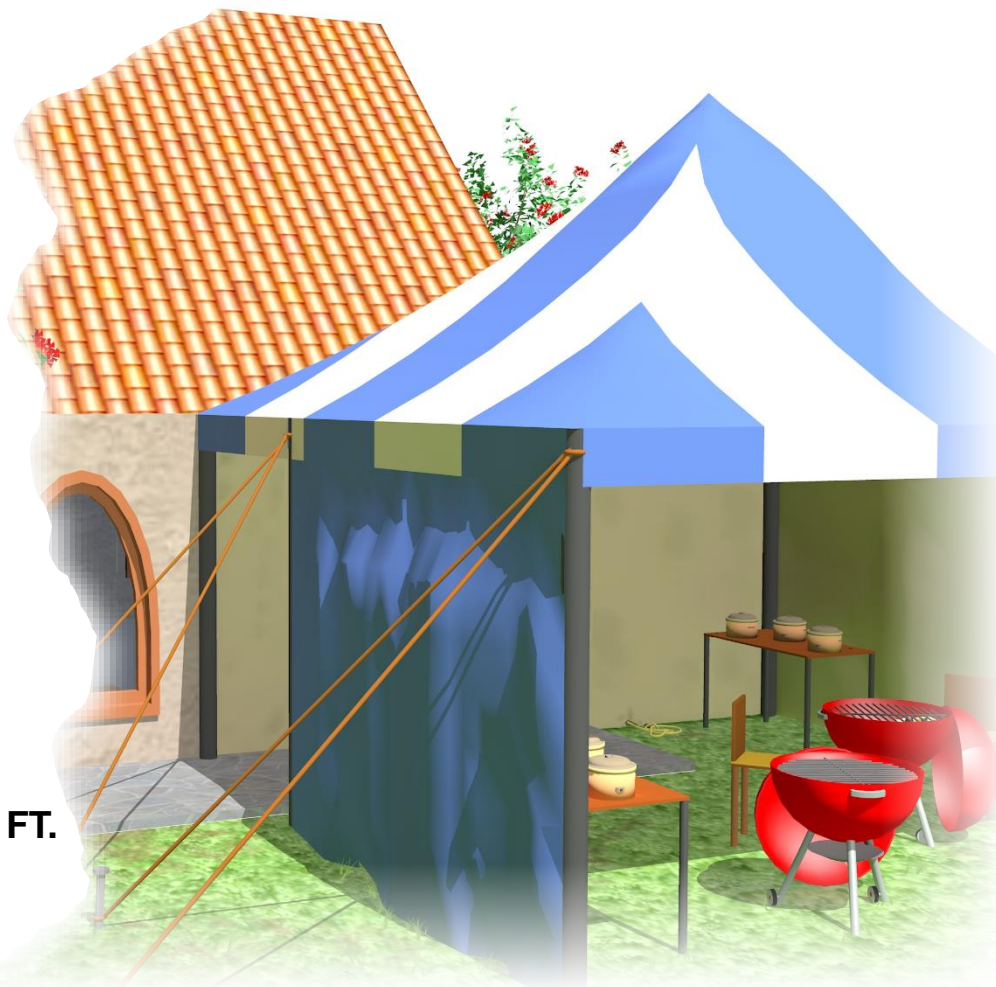
- THIS SCENARIO IS A “SCOPE” TENT;
400 SQ. FT. OR LESS WITH THE
TENT ATTACHED TO THE BUILDING
- WITH BOTH TYPES OF COOKING
INSIDE THE TENT (THE TYPE OF
COOKING DOESN'T MATTER)
- SEC. 3103.8.2, *LOCATION*, IS NOT ONE
OF THE 3 CODE SECTIONS AMENDED
IN THE *SCOPE*
- THEREFORE, SEC. 3103.8.2, Excp. #2,
LOCATION, IS **NOT** APPLICABLE TO
THIS SCENARIO



COOKING TENTS

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

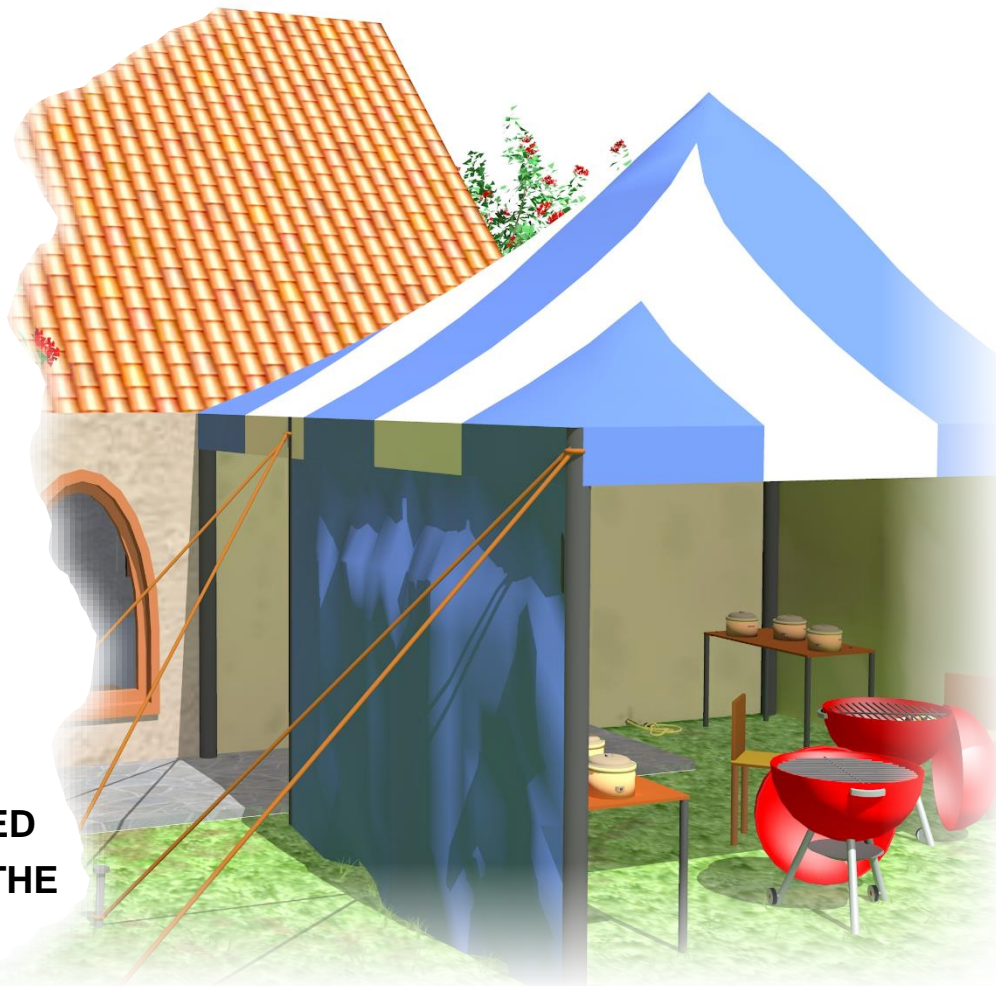
- **HOWEVER, THERE IS COOKING INSIDE THE TENT (THE TYPE OF COOKING DOESN'T MATTER)**
- **THE 3 CODE SECTIONS AMENDED IN THE *SCOPE* ARE 3104.7, 3104.15.5 AND 3104.15.6**
- **THESE 3 CODE SECTIONS PERTAIN TO OPEN OR EXPOSED FLAME AND / OR COOKING**
- **PAY CLOSE ATTENTION TO THE 10 FT. REQUIRED SEPARATION DISTANCE FOUND IN SEC. 3104.15.5**



COOKING TENTS

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

- **THE 10 FT. REQUIRED SEPARATION DISTANCE IS NECESSARY WHERE COOKING IS PERFORMED**
- **BUT, THE 10 FEET IS BETWEEN THE COOKING TENT AND ALL OTHER TENTS**
- **THERE IS NO MENTION OF SEPARATING THE COOKING TENT FROM BUILDINGS**
- **THEREFORE, THERE IS NO REQUIRED SEPARATION DISTANCE BETWEEN THE TENT AND THE BUILDING**



SUMMARY: the following code sections govern this scenario

■ **Sec. 3101.1 – Scope**

■ **Sec. 3102.1 – Definitions**

- Cooking.
- Open or exposed flame equipment.

■ **Sec. 3104.7 – Open or exposed flame**

- Applicable to this type of cooking.

■ **Sec. 3104.15.5 – Cooking tents**

- Not applicable because there are no requirements for separation from buildings. (NOTE: this tent has to be separated from other tents by a minimum of 10 ft.)

■ **Sec. 3104.15.6 – Outdoor cooking**

- Not applicable because this is not outdoor cooking.



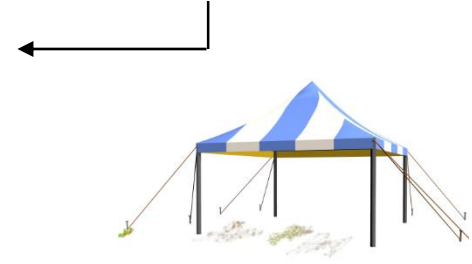
“SCOPE” TENT ATTACHED
TO A BUILDING

SUMMARY: COOKING TENTS

BOTH TYPES OF EQUIPMENT ARE PERMITTED UNDER THE TENT.



THE AREA OF THIS TENT IS 400 SQUARE FEET OR LESS



■ The purpose of this slide is to summarize the separation distance between the tent and the building. Additionally, remember, because of the activity under the tent and the size, this tent has to be separated from other tents by a minimum distance of 10 feet.

**THERE IS NO SEPARATION DISTANCE REQUIRED
BETWEEN THIS TENT AND THE BUILDING**

“Regular” Tents



LOCATION

Amendment; LSA Doc. # 13 - 341 (F) 675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

There are a few important points to understand before Excp. #2 of this section makes sense:

- 1) Both Excp. #1 and Excp. #2 address the separation distance of a tent from a building. (Excp. #1 actually speaks to more items than just a building but the building is what is important here.) At first glance, both exceptions appear to be saying the same thing, but Excp. #2 is much more specific. Excp. #2 is stating the requirements when a tent is attached to a building. Excp. #1 does state a separation distance, but it is more general in nature. So, the first point to understand is Excp. #2 is used when a tent is attached to a building.



LOCATION

Amendment; LSA Doc. # 13 - 341 (F) 675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

- 2) When a tent is attached to a building that means there isn't any gap between the tent and the building; the tent becomes part of the building. (The method of attachment is not addressed in the code. The structural stability of the tent must still be achieved.)
- 3) The activity under the tent doesn't matter. This exception doesn't mention a word about what is going on under the tent.
- 4) It doesn't matter if the tent has sidewalls or drops.



LOCATION

Amendment; LSA Doc. # 13 - 341 (F) 675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

- 5) This exception is not addressing the separation of tents from lot lines, other temporary tents, parked vehicles or internal combustion engines.
- 6) This exception uses aggregate floor area. This means more than one tent may be attached to the same building.
- 7) In order for this exception to be used, all four criteria, 2.1 thru 2.4 must be met.

**THESE 7 POINTS FORM THE BASIS FOR AN
UNDERSTANDING OF THIS EXCEPTION.**



LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

The important points for this exception have now been established. We can shift our attention to criteria 2.1 thru 2.4:

- **Sec. 2.1: this limits the size of the tent (s) which may be attached to a building. The aggregate floor area of the tent (s) shall not exceed 10,000 square feet.
(NOTE: this is 5,000 square feet less than the permitted square footage shown in Excp. #1.)**



LOCATION

Amendment; LSA Doc. # 13 - 341 (F) 675 IAC 22 - 2.5 (eff. 12 - 01 - 14)

- **Sec. 2.2:** It has already been stated in point #2 from the previous slides that the tent (s) are becoming part of the building. This is evident by the text of 2.2. The actual floor area of the building is added to the aggregate floor area of the tent (s) and this summation of floor area may not exceed the allowable floor area, including increases, found in the Indiana Building Code. This makes sense because the overall floor area of the building has increased because the tent (s) are attached to the building.



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**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

- **Sec. 2.3:** all of the required exiting provisions, including travel distance, for the building and the tent (s) attached to the building have to be met.
- **Sec. 2.4:** the requirements for fire apparatus access roads from Section 503 have to be met.



LOCATION

**Amendment; LSA Doc. # 13 - 341 (F)
675 IAC 22 - 2.5 (eff. 12 - 01 - 14)**

- This concludes the information pertaining to a “regular” tent attached directly to a building. Remember to use exception #2 from Sec. 3103.8.2 rather than exception #1 and all four pieces of exception #2 have to be met. If all of the above is true, it is ok to attach a tent in excess of 400 sq. ft. directly to a building.



SUMMARY: the following code sections govern this scenario

■ **Sec. 3101.1 – Scope**

■ **Sec. 3103.8.2, Excp. 2 – Location**

→ Applicable to this scenario.



“REGULAR” TENT ATTACHED
TO A BUILDING



Chapter 31, 2014 Ed. Indiana Fire Code

Tents And Other Membrane Structures

Presented by the State Fire Marshal's Office

Division of Fire and Building Safety