

## TEMPORARY STRUCTURES

### STRUCTURES - TENT & MEMBRANE STRUCTURES – STAGE CANOPIES

1. RESIDENTIAL PROPERTIES (one and two family - dwellings) – NO BUILDING PERMIT REQUIRED
2. COMMERCIAL PROPERTIES (apartments, businesses, shopping centers ... etc.)
  - A. **Temporary Structures (120 Square Feet and Less)** erected for less than 180 days will need to comply with the Michigan Building Code 2015. -Section 3103 MBC 2015.
    - A building permit is not required for structures 120 square feet and less.
    - Small temporary structures of 120 square feet and less will need to be removed prior to 180 days.
  - B. **Temporary Structures (Greater than 120 Square Feet)** erected for less than 180 days will need to comply with the Michigan Building Code 2015. -Section 3103 MBC 2015.
    - Temporary structures that cover an area greater than 120 square feet, including connecting areas or spaces with a common means of egress or entrance that are used or intended to be used for the gathering together of 10 or more persons, shall not be erected, operated, or maintained for any purpose without obtaining a permit from the building official.
    - A permit application and construction documents shall be submitted for each installation of a temporary structure. The construction documents shall include a site plan indicating the location of the temporary structure and information delineating the means of egress and occupant load.
    - Information should be provided to show structural strength, fire safety, means of egress, accessibility, light, ventilation, and sanitary requirements of this code as necessary to ensure public health, safety, and general welfare.
  - C. **Temporary Tent and Membrane Structures (Greater than 400 Square Feet)** erected for less than 180 days will comply with the Michigan Building Code and the International Fire Code 2015. -Section 3103 MBC 2015 & 3103 & 3104 IFC 2015
    - Permits are required for Tents and Membrane Structures over 400 Sq. Ft.
    - An Architectural Design Professional sealed document is not generally required however, a plan will need to be provided demonstrating the fire code requirements have been met (See attachment).
  - D. **Temporary Stage Canopies** – Section -3103 MBC 2015 & 3105 IFC 2015
    - Permits are required for Stage Canopies that are larger than 400 Sq. Ft.
    - Must be removed within 45 days.
    - Signed and sealed document prepared by a registered Design Professional providing the following information:
      - a. A summary sheet showing the building code used, design criteria, loads, and support reactions.
      - b. Detailed construction and installations drawings.
      - c. Design calculations.
      - d. Operating limits of the structure explicitly outlined by the registered design professional including environmental conditions and physical forces.

- e. Effects of additive elements such as video walls, supported scenery, audio equipment, vertical and horizontal coverings.
- f. Means for adequate stability including specific requirements for guying and cross-bracing, ground anchors or ballast for different ground conditions.
- 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 responsible person shall have the appropriate knowledge to make judgements regarding the structures safety to coordinate with the Code Official.
- An operations plan shall be provided to reflect the manufactures operational guidelines, procedures for environmental monitoring and actions taken under specified conditions consistent with the construction documents.
- A third-party inspection and a report will be required.
- Location for the structure shall provide adequate set-up requirements and not interfere with egress from a building or encroach on fire apparatus access roads.

**\*\*Note 1 – A Sidewalk Occupancy Permit** is required for all new sidewalk and street occupancies. Any modifications to previously issued sidewalk or street occupancy permits can be submitted via [stream.a2gov.org](http://stream.a2gov.org) with photos and updated square footage, if applicable. Please notify [customerservice@a2gov.org](mailto:customerservice@a2gov.org) that modifications were uploaded online.

**\*\*Note 2 – A Zoning permit** is required for all Structures **Temporary or Not, 100 square feet and greater unless a Building Permit is required.** This is for both residential and commercial properties with exception to City Right-of-Way locations. \*\*

**\*\*Note 3 – Mechanical, Plumbing, and Electrical permits** may be required, if applicable. \*\*

**Revised – 2/24/2023**